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June 22, 2020

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Hon. Robin L. Morrison, Chairman c/o Ectory Lawless, Docket Room Manager Tennessee Public Utility Commission 502 Deaderick Street, 4th Floor Nashville, TN 37243

RE: Petition of Tennessee-American Water Company Regarding the 2019 Investment and Related Expenses Under the Qualified Infrastructure Investment Program Rider, the Economic Development Investment Rider and the Safety and Environmental Compliance Rider, TPUC Docket No. 19-00105

Dear Chairman Morrison:

Consistent with the deliberations in the above-captioned matter at the Tennessee Public Utility Commission's May 11, 2020, Conference, attached please find a revised Summary of Riders tariff page, with an effective date of June 1, 2020. Two (2) excel spreadsheets in support of the revised Summary of Riders tariff page are also attached.

Pursuant to the agreement of the parties, which was adopted by the Commission, the decision of the Commission in Docket No. 18-00039 (Phase II) on the EADIT issue shall be incorporated and applied in Docket No. 19-00105. Therefore, Tennessee-American Water Company has incorporated the decision of the Commission in Phase II of Docket No. 18-00039 into the revised Summary of Riders tariff page submitted here. As set forth in the attachments, the annual EADIT Revenue Credit is reduced by the return on the EADIT rate base offset in order to comply with the federal normalization rules set forth in Internal Revenue Code (IRC) Section 168(i)(9). These normalization rules are violated if a utility institutes a ratemaking adjustment that results in inconsistent estimates or projections as between deferred tax expense and rate base. If customers were given the amortization of net excess ADIT without adjustment for the return on the corresponding adjustment to rate base, the utility would be allowing inconsistency to exist between the calculation of deferred tax expense and rate base, in violation of IRC Section 169(i)(9).

As required, one (1) copy of this filing will be mailed to your office. Should you have any questions concerning this filing, or require additional information, please do not hesitate to contact me.

Very truly yours,

BUTLER SNOW LLP

Melvin J/Malone

Attachments

cc: Elaine K. Chambers, Tennessee-American Water Company

Daniel Whitaker, Assistant Attorney General, Financial Division, Consumer Advocate Unit

The Pinnacle at Symphony Place 150 3rd Avenue South, Suite 1600 Nashville, TN 37201 MELVIN J. MALONE 615.651.6705 melvin.malone@butlersnow.com

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CLASSIFICATION OF SERVICE

SUMMARY OF RIDERS

1. Applicability

In addition to the other charges provided for in this Tariff under Service Classifications Residential, Commercial, Industrial, Other Public Authority, Sales for Resale, and Private Fire, a Qualified Infrastructure Improvement Program ("QIIP") Rider, an Economic Development Investment Program Rider ("EDI"), a Safety and Environmental Compliance Program Rider (SEC"), and Production Costs and Other Pass-Throughs Rider ("PCOP") will apply to customers in all service areas.

2. The Percentage of Riders and Reconciliations

For the Riders defined in the tariffs:

QIIP	14.28%
EDI	1.14%
SEC	8.79%
Subtotal of all Capital Recovery Riders	24.21%
OHD 4 I D III II D	
QIIP Annual Reconciliation Percentage	-2.07%
EDI Annual Reconciliation Percentage	-0.50%
SEC Annual Reconciliation Percentage	- <u>1.12%</u>
Subtotal of all Capital Recovery Riders	-3.69%
Total of Capital Recovery Riders and Reconciliation Percentages	20.52%
Offset to Capital Recovery Riders for TCJA savings	-6.62%
Offset to Capital Recovery Riders for TCJA Excess ADIT	-11.72% (D)
PCOP	-1.10%

(D) Indicates Decrease

ISSUED: June 1, 2020 EFFECTIVE: June 1, 2020

BY: Darlene L. Williams 109 Wiehl Street

PRESIDENT Chattanooga, Tennessee 37403

Tennessee American Water

2020 Capital Rider Surcharge Filing

Workbook Name: TAW_SCH1_2020_Filing.xlsx

Workbook Information: This workbook calculates the revenue requirement and the capital rider surcharges for the QIIP, SEC and EDI by calculating rate base and the return on rate base (including income taxes), depreciation expense, property taxes, franchise taxes and revenue taxes. The proposed surcharge percentages are calculated by dividing the revenue requirement by the authorized service charge and volumetric revenues.

volumetric revenues.	
Worksheet Name	Description / Purpose of Worksheet
1. EXH Summary	1. 2020 Summary of Revenue Requirement as
	compared to last year
2. EXH Avg Impact	2. 2020 Summary of Revenue Requirement as
	percentage impact to customer's bills
3. EXH SEC 1	3. 2020 SEC summary of revenue requirement
	calculation for projects eligible for the Safety and
	Environmental Compliance Rider
4. EXH SEC 2	4. 2020 SEC detail of revenue requirement
	calculation for #3
5. EXH EDI 1	5. 2020 EDI summary of revenue requirement
5. 225.1	calculation for projects eligible for the Economic
	Development Investment Rider
6. EXH EDI 2	2020 EDI detail of revenue requirement
o. Extresiz	calculation for #5
7. EXH QIIP 1	7. 2020 QIIP summary of revenue requirement
7. EXITQIII I	calculation for projects eligible for the Qualified
	Investment Improvement Program Rider
8. EXH QIIP 2	8. 2020 QIIP detail of revenue requirement
5. 23.1 Qii 2	calculation for #7
9. EXH 2020 SCEP	2020 Strategic Capital Expenditure Plan provided
5. E 1 2020 3021	for this year's filing.
10. WKP 2020 In-Serviced SCEP	10. 2020 projected in-serviced costs, retirements,
10. WKI 2020 III SCI VICCU SCEI	CIAC, cost of removal, depreciation, and tax
	depreciation for this year's filing based on #9.
	depreciation for this year 3 ming based on #3.
11. WKP 2020 Retirements	11. 2020 projected average retirements based on
11. WKF 2020 Retirements	
	prior actuals and projected years 2014-2020.
	Populates the average retirements column for #10
12. WKP 2020 COR	12 2020 projected average cost of removal loss
12. WKP 2020 COR	12. 2020 projected average cost of removal less
	salvage based on prior actuals and projected years
	2014-2020. Populates the average cost of
13. WIKD 2020 CIAC	removal column for #10
13. WKP 2020 CIAC	13. 2020 projected average contributions in aid of
	construction based on prior actuals and projected
	years 2014-2020. Populates the average CIAC
44 14//0 2020 4	column for #10
14. WKP 2020 Accum Depr	14. 2020 projected average accumulated depreciation
	based on prior actuals and projected years 2014-
	2020. Populates the average accumulated
	depreciation column for #10
15. WKP 2020 ADIT Summary	15. 2020 Accumulated Deferred Income Taxes by
	Capital Rider includes repairs, bonus and NOLC.
	Populates the revised average ADIT for #3, #5, &
	#7.
16. WKP NOLC Calculation	16. 2020 Net Operating Loss Carryforward calculation
	with operating loss impacts on deferred tax
	liability. Populates the NOLC on #15.
17. WKP 2020 Tax Depr Balances	17. Tax depreciation balances by year for calculation
	of accumulated deferred income taxes. Populates
	the capital rider ADIT balances for #15.
18. WKP 2019 In-Serviced SCEP	18. 2019 projected in-serviced costs, retirements,
	CIAC, cost of removal, depreciation, and tax
	depreciation for this year's filing with updates for
	2018 actuals and 2019 project timelines.
	I I

Tennessee American Water

2020 Capital Rider Surcharge Filing

Workbook Name: TAW_SCH1_2020_Filing.xlsx

Workbook Information: This workbook calculates the revenue requirement and the capital rider surcharges for the QIIP, SEC and EDI by calculating rate base and the return on rate base (including income taxes), depreciation expense, property taxes, franchise taxes and revenue taxes. The proposed surcharge percentages are calculated by dividing the revenue requirement by the authorized service charge and volumetric revenues.

Worksheet Name	Description / Purpose of Worksheet
19. WKP 2019 SCEP	19. 2019 Strategic Capital Expenditure Plan provided
	in 2019 surcharge filing
20. WKP 2018 In-Serviced Actual	20. 2018 actual in-serviced costs, retirements, CIAC,
	cost of removal, depreciation, and tax
	depreciation from Docket #19-00031.
21. WKP 2018 SCEP	21. 2018 Strategic Capital Expenditure Plan provided
	in 2018 surcharge filing
22. WKP APP Reduction	22. Capitalized APP reduction based on prior amounts
	included in the 2016 reconcilation not allowed
	above the authorized APP amount from the last
	rate case.
23. WKP Retires	23. Projected retirements and cost of removal
	percentages based on a three-year average for
	recurring replacement project types. Populates
	amounts for #11 & #12.
24. WKP Data-Rates	24. Residential water rates showing meter charge,
	volumetric rates and flat rate charges.
25. WKP PTR&CF	25. Workpaper for calculating pre-tax rate of return
	and revenue conversion which is used to calculate
	the revenue requirement on the net rate base for
	each capital rider surcharges.
26. WKP CIAC	26. Actual CIAC for years 2012 - 2015 used to project
	CIAC in current capital rider filing.
27. WKP Data-Acct Master	27. TAWC master chart of account showing SAP and
	NARUC accounts
28. WKP Depr Rates	28. Current TRA approved depreciation rates used to
	calculate depreciation expense
29. Total Recon	29. Comparison of Exhibit schedules to WKP 2020 In-
	Serviced SCEP (#10)
30. WKP Additions Recon	30. Lays out actual and projected SCEP additions by
	year to the amounts in this year's filing
31. WKP 2020 In-Serviced SCEP proof	31. Same as #10 without array formulas
32. WKP 2019 In-Serviced SCEP proof	32. Same as #18 without array formulas
33. WKP SEC 2 Proof	33. 2020 SEC detail of revenue requirement
24 MWD EDI 2 Duz of	calculation for #4 without array formulas
34. WKP EDI 2 Proof	34. 2020 EDI detail of revenue requirement
25 M/VD OUD 2 Proof	calculation for #6 without array formulas
35. WKP QIIP 2 Proof	35. 2020 EDI detail of revenue requirement
	calculation for #8 without array formulas

There are four (4) other worksheets that are left blank intentionally and are used to identify and separate the Exhibits, Workpapers, Proof and Reconciliation worksheets.

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Tennessee American Water Company Qualified Infrastructure Improvement Program (QIIP) Economic Development Investment Rider (EDI) Safety and Environmental Compliance Rider (SEC) Summary Page

				Revenue Requirement as	Percentage	Impact of Proposed Adjustments on	Impact of Proposed
Line		Proposed Revenue	Percentage	Authorized - 2019	Applied to Bill as	Revenue	Adjustments on
Number	Rate Mechanism	Requirement*	Applied to Bill*	(1)	Authorized (1)	Requirement	Bill Percentage
1							
2	QIIP	\$6,723,700	14.28%	\$5,482,911	11.65%	\$1,240,789	2.63%
3							
4	EDI	536,171	1.14%	306,548	0.65%	229,623	0.49%
5							
6	SEC	4,137,860	8.79%	3,236,635	6.88%	901,225	1.91%
7							
8	Total	\$11,397,732	24.21%	\$9,026,095	19.18%	\$2,371,637	5.03%
9							
10							

^{*}Includes Def. Tax, Accum. Depreciation, Forfeited Discount Gross Up

(1) From prior docket #18-00120 order that approved the capital rider surcharges

Tennessee American Water Company Qualified Infrastructure Improvement Program (QIIP) Economic Development Rider (EDI) Safety and Environmental Compliance Rider (SEC) Average Residential Bill Impact

5/8" Meter and Usage of 5.55 CCF (or 41.54 100 Gallons)

Line Number	Area	Service Charge - 5/8" Meter	Volumetric Charge	Bill Before Surcharges	Capital Surcharges at 19.18%	2018 PCOP at -1.10%	Total 2019 Authorized Surcharges	2020 QIIP Surcharge at 2.63%	2020 EDI Surcharge at 0.49%	2020 SEC Surcharge at 1.91%	2020 Proposed Capital Rider Adjustments	Total Proposed Surcharges	2020 TCJA Credit at -6.62%	Total of Proposed Surcharges & TCJA Credit
1														
2	Chattanooga	\$13.96	\$7.60	\$21.56	\$4.13	(\$0.24)	\$3.90	\$0.57	\$0.11	\$0.41	\$1.09	\$4.99	(\$1.43)	\$3.56
3														
4	Lookout Mountain	\$15.66	\$12.39	\$28.05	\$5.38	(\$0.31)	\$5.07	\$0.74	\$0.14	\$0.54	\$1.42	\$6.49	(\$1.86)	\$4.63
5														
6	Lakeview	\$15.66	\$9.16	\$24.82	\$4.76	(\$0.27)	\$4.49	\$0.65	\$0.12	\$0.47	\$1.24	\$5.73	(\$1.64)	\$4.08
7														
8	Suck Creek	\$30.60	\$16.12	\$46.72	\$8.96	(\$0.51)	\$8.45	\$1.23	\$0.23	\$0.89	\$2.35	\$10.80	(\$3.09)	\$7.70
9														
10	Whitwell - Inside	\$20.45	\$10.30	\$30.75	\$5.90	(\$0.34)	\$5.56	\$0.81	\$0.15	\$0.59	\$1.55	\$7.11		\$7.11
11														
12	Whitwell - Outside	\$23.37	\$12.56	\$35.93	\$6.89	(\$0.40)	\$6.50	\$0.94	\$0.18	\$0.69	\$1.81	\$8.31		\$8.31
13														

Tennessee American Water Safety and Environmental Compliance (SEC) Calculation of SEC Revenue Requirement

		2020
		SEC
Line Number	Description	Company Totals
1	Additions Subject to SEC:	\$35,915,099
2	Plus: Cost of Removal less Salvage	3,621,793
3	Less: Contributions in Aid to Construction (CIAC)	0
4	Less: Deferred Income Taxes	4,818,563
5	Less: Accumulated Depreciation	2,949,109
6	Net Investment Supplied SEC Additions:	\$31,769,220
7		
8	Pre-Tax Rate of Return:	8.45145%
9	Pre-Tax Return on Additions:	\$2,684,961
10		
11	Depreciation Expense on SEC Additions:	878,992
12		
13	Operational Expenses Related to SEC	0
14		
15	Property and Franchise Taxes Associated with SEC:	446,418
16		
17	SEC Revenues:	\$4,010,371
18		
19	Revenue Taxes	3.191%
20	SEC Revenues with Revenue Taxes	\$4,142,560
21		
22	SEC APP Revenue Reduction	(4,700)
23		
24	SEC Revenues with Revenue Taxes & APP Reduction	\$4,137,860
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	\$47,073,724
27		
28	SEC Percentage to Apply to Bill:	8.79%

29

1 2 3 4 5 B C

SEC =Col 1 + Col 2

Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	304100	Structures & Improvement-Supply	Additions	Retirements	CIAC	Calculation	Net of Salvage	Taxes	Depreciation
2	Recurring Projects		\$322,127	\$0	\$0	\$322,127	\$874	(\$43,218)	(\$29,710)
3	Investment Projects		0	0	0	0	0	0	0
4	Total SEC	•	\$322,127	\$0	\$0	\$322,127	\$874	(\$43,218)	(\$29,710)
5		•							
6	304200	Structures & Improvement-Pump							
7	Recurring Projects	·	\$1,280,518	(\$139,686)	\$0	\$1,140,832	\$46,826	(\$171,801)	(\$55,732)
8	Investment Projects		0	(91,093)	0	(91,093)	335,832	0	4,572
9	Total SEC	•	\$1,280,518	(\$230,779)	\$0	\$1,049,739	\$382,658	(\$171,801)	(\$51,160)
10		•							
11	304300	Structures & Improvement-WT							
12	Recurring Projects		\$1,394,239	(\$220,049)	\$0	\$1,174,190	\$104,110	(\$187,057)	(\$106,638)
13	Investment Projects		4,141,710	(55,079)	0	4,086,631	1,538,137	(555,672)	(581,761)
14	Total SEC		\$5,535,949	(\$275,128)	\$0	\$5,260,821	\$1,642,247	(\$742,729)	(\$688,399)
15		•							
16	304400	Structures & Improvement-T&D							
17	Recurring Projects		\$210,997	\$0	\$0	\$210,997	\$0	(\$28,309)	(\$9,796)
18	Investment Projects		83,856	0	0	83,856	0	(11,251)	(3,598)
19	Total SEC		\$294,852	\$0	\$0	\$294,852	\$0	(\$39,560)	(\$13,394)
20		•							
21	304500	Structures & Improvement - General							
22	Recurring Projects		\$83,351	\$0	\$0	\$83,351	\$277	(\$11,184)	(\$3,416)
23	Investment Projects		1,062,411	0	0	1,062,411	0	(142,538)	(180,217)
24	Total SEC		\$1,145,762	\$0	\$0	\$1,145,762	\$277	(\$153,722)	(\$183,633)
25		•							
26	304600	Struc &Imp-Offices							
27	Recurring Projects		\$11,086	\$0	\$0	\$11,086	\$0	(\$1,489)	(\$304)
28	Investment Projects		0	0	0	0	0	0	0
29	Total SEC		\$11,086	\$0	\$0	\$11,086	\$0	(\$1,489)	(\$304)
30									
31	304700	Struct & Imp-Store, Shop, Garage							
32	Recurring Projects		\$0	(\$7,869)	\$0	(\$7,869)	\$1	\$0	\$292
33	Investment Projects		0	0	0	0	0	0	0
34	Total SEC		\$0	(\$7,869)	\$0	(\$7,869)	\$1	\$0	\$292
35									
36	306000	Lake, River & Other Intakes							
37	Recurring Projects		\$249,421	(\$73,272)	\$0	\$176,149	\$12,355	(\$33,465)	(\$2,976)
38	Investment Projects		458,844	0	0	458,844	0	(61,562)	(1,904)
39	Total SEC		\$708,264	(\$73,272)	\$0	\$634,992	\$12,355	(\$95,027)	(\$4,880)
40									
41	309000	Supply Mains							
42	Recurring Projects		\$9,862	\$0	\$0	\$9,862	\$0	(\$1,325)	(\$1,091)
43	Investment Projects		0	0	0	0	0	0	0
44	Total SEC		\$9,862	\$0	\$0	\$9,862	\$0	(\$1,325)	(\$1,091)
45									

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SEC =Col 1 + Col 2

Line#	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
46	310000	Power Generation Equip							
47	Recurring Projects		\$46,388	\$0	\$0	\$46,388	\$115	(\$6,226)	(\$25,734)
48	Investment Projects		0	0	0	0	0	0	0
49	Total SEC		\$46,388	\$0	\$0	\$46,388	\$115	(\$6,226)	(\$25,734)
50			<u> </u>	, , <u></u>					
51	311200	Pump Eqp Electric							
52	Recurring Projects		\$102,992	(\$228,733)	\$0	(\$125,741)	\$70,717	(\$13,820)	\$8,892
53	Investment Projects		0	0	0	0	0	0	0
54	Total SEC		\$102,992	(\$228,733)	\$0	(\$125,741)	\$70,717	(\$13,820)	\$8,892
55			<u> </u>	, , <u></u>					
56	311520	Pumping Equipment SOS							
57	Recurring Projects		\$2,689,003	(\$85,066)	\$0	\$2,603,937	\$62,022	(\$360,771)	(\$132,648)
58	Investment Projects		0	0	0	0	0	0	0
59	Total SEC		\$2,689,003	(\$85,066)	\$0	\$2,603,937	\$62,022	(\$360,771)	(\$132,648)
60			<u> </u>	, , <u></u>					
61	320100	WT Equip Non-Media							
62	Recurring Projects		\$4,089,977	(\$932,683)	\$0	\$3,157,294	\$802,526	(\$548,733)	(\$137,366)
63	Investment Projects		16,528,041	(156,068)	0	16,371,973	50,577	(2,217,487)	(497,974)
64	Total SEC		\$20,618,018	(\$1,088,751)	\$0	\$19,529,267	\$853,103	(\$2,766,220)	(\$635,340)
65									
66	320200	Water Trmt Equip Filter Media							
67	Recurring Projects		\$1,360,434	(\$492,152)	\$0	\$868,282	\$460,312	(\$182,522)	(\$995,628)
68	Investment Projects		0	0	0	0	0	0	0
69	Total SEC		\$1,360,434	(\$492,152)	\$0	\$868,282	\$460,312	(\$182,522)	(\$995,628)
70									
71	330000	Dist Reservoirs & Standpipes							
72	Recurring Projects		\$34,923	\$0	\$0	\$34,923	\$0	(\$4,684)	(\$1,884)
73	Investment Projects		0	0	0	0	0	0	0
74	Total SEC	:	\$34,923	\$0	\$0	\$34,923	\$0	(\$4,684)	(\$1,884)
75									
76	330200	Ground Level Tanks							
77	Recurring Projects		\$0	\$0	\$0	\$0	\$0	\$0	\$0
78	Investment Projects		234,540	(3,369)	0	231,171	26,100	(31,465)	(15,750)
79	Total SEC	:	\$234,540	(\$3,369)	\$0	\$231,171	\$26,100	(\$31,465)	(\$15,750)
80									
81	331001	Transmission & Distribution Mains							
82	Recurring Projects		\$0	(\$1,011)	\$0	(\$1,011)	\$237	\$0	\$33
83	Investment Projects		0	0	0	0	0	0	0
84	Total SEC		\$0	(\$1,011)	\$0	(\$1,011)	\$237	\$0	\$33
85									
91	340200	Computer & Peripheral Equipment							
92	Recurring Projects		\$122,478	\$0	\$0	\$122,478	\$2,554	(\$16,431)	(\$6,312)
93	Investment Projects		0	0	0	0	0	0	0
94	Total SEC		\$122,478	\$0	\$0	\$122,478	\$2,554	(\$16,431)	(\$6,312)
95					_				

____1 ___2 ___3 ___4 ___5 __B ___C

SEC =Col 1 + Col 2

	Investment by Plant					Net Investments (for Property Tax	Cost of Removal	Accumulated Deferred Income	Accumulated
Line # 96	Account 340300	Account Description Computer Software	Additions	Retirements	CIAC	Calculation)	Net of Salvage	Taxes	Depreciation
97	Recurring Projects	Computer Software	\$150,187	\$0	\$0	\$150,187	\$0	(\$20,151)	(\$7,026)
98	Investment Projects		0	0	0	0	0	(\$20,131)	0
99	Total SEC		\$150,187	\$0	\$0	\$150,187	\$0	(\$20,151)	(\$7,026)
100			7-00,-01			7-00)-01		(+==)===)	(+1/0=0)
101	340330	Computer Software Other							
102	Recurring Projects	·	\$1,441	\$0	\$0	\$1,441	\$0	(\$193)	(\$68)
103	Investment Projects		0	0	0	0	0	0	0
104	Total SEC		\$1,441	\$0	\$0	\$1,441	\$0	(\$193)	(\$68)
105									
106	343000	Tools, Shop, Garage Equipment							
107	Recurring Projects		\$4,858	(\$3,994)	\$0	\$864	\$0	(\$651)	(\$187)
108	Investment Projects		0	0	0	0	0	0	0
109	Total SEC		\$4,858	(\$3,994)	\$0	\$864	\$0	(\$651)	(\$187)
110									
111	344000	Laboratory Equipment							
112	Recurring Projects		\$7,225	(\$151,566)	\$0	(\$144,341)	\$1,876	(\$969)	\$8,246
113	Investment Projects		0	0	0	0	0	0	0
114	Total SEC		\$7,225	(\$151,566)	\$0	(\$144,341)	\$1,876	(\$969)	\$8,246
115									
116	345000	Power Operated Equipment							
117	Recurring Projects		\$41,485	(\$11,283)	\$0	\$30,202	\$1,676	(\$5,565)	(\$11,697)
118	Investment Projects		0	0	0	0	0	0	0
119	Total SEC		\$41,485	(\$11,283)	\$0	\$30,202	\$1,676	(\$5,565)	(\$11,697)
120									
121	346100	Comm Equip Non-Telephone							
122	Recurring Projects		\$41,119	\$0	\$0	\$41,119	\$0	(\$5,517)	(\$10,508)
123	Investment Projects		0	0	0	0	0	0	0
124	Total SEC		\$41,119	\$0	\$0	\$41,119	\$0	(\$5,517)	(\$10,508)
125									
126	346190	Remote Control & Instrument							
127	Recurring Projects		\$1,076,038	(\$208,698)	\$0	\$867,340	\$95,939	(\$144,369)	(\$133,803)
128	Investment Projects		22,311	(6,125)	0	16,186	5,279	(2,992)	(9,532)
129	Total SEC		\$1,098,349	(\$214,823)	\$0	\$883,526	\$101,218	(\$147,361)	(\$143,335)
130									
131	347000	Misc Equipment							
132	Recurring Projects		\$47,294	(\$5,561)	\$0	\$41,733	\$3,451	(\$6,346)	(\$5,029)
133	Investment Projects		5,946	0	0	5,946	0	(800)	(2,855)
134	Total SEC		\$53,240	(\$5,561)	\$0	\$47,679	\$3,451	(\$7,146)	(\$7,884)
135									
136	Expense:								
137	Chemical Expense for Waste		\$0	\$0	\$0	\$0	\$0	\$0	\$0
138	Electric Power Expense for V	=	0	0	0	0	0	0	0
139	Hauling Expense for Waster	water handling:	0	0	0	0	0	0	0
140	Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
141 142	Total		\$35,915,099	(\$2,873,357)	\$0	\$33,041,742	\$3,621,793	(\$4,818,563)	(\$2,949,109)

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1 2	304100 Recurring Projects	Structures & Improvement-Supply	\$250,073	\$21,135	\$6,378	\$4,352	\$0	\$31,865	\$32,915
3	Investment Projects		0	0	0	0	0	0	0
4	Total SEC		\$250,073	\$21,135	\$6,378	\$4,352	\$0	\$31,865	\$32,915
5									
6	304200	Structures & Improvement-Pump							
7	Recurring Projects		\$1,099,811	\$92,950	\$22,588	\$15,413	\$0	\$130,952	\$135,268
8 9	Investment Projects Total SEC		340,404 \$1,440,215	28,769 \$121,719	(1,804) \$20,785	(1,231) \$14,183	<u>0</u> \$0	25,735 \$156,687	26,583 \$161,851
10	TOTALSEC		\$1,440,213	\$121,715	320,783	714,183	, , , , , , , , , , , , , , , , , , , 	\$130,087	3101,831
11	304300	Structures & Improvement-WT							
12	Recurring Projects		\$1,204,654	\$101,811	\$48,259	\$15,864	\$0	\$165,934	\$171,404
13	Investment Projects		4,542,414	383,900	167,961	55,213	0	607,074	627,084
14	Total SEC		\$5,747,068	\$485,711	\$216,220	\$71,077	\$0	\$773,008	\$798,488
15									
16	304400	Structures & Improvement-T&D							
17	Recurring Projects		\$172,892	\$14,612	\$4,494	\$2,851	\$0	\$21,957	\$22,681
18 19	Investment Projects Total SEC		69,007 \$241,898	5,832 \$20,444	1,786 \$6,280	1,133 \$3,984	<u>0</u> \$0	\$30,708	9,040 \$31,720
20	TOTALSEC		3241,838	320,444	30,280	\$3,564	, , , , , , , , , , , , , , , , , , , 	\$30,708	331,720
21	304500	Structures & Improvement - General							
22	Recurring Projects		\$69,028	\$5,834	\$942	\$1,126	\$0	\$7,902	\$8,162
23	Investment Projects		739,656	62,512	12,005	14,354	0	88,871	91,800
24	Total SEC		\$808,684	\$68,346	\$12,947	\$15,480	\$0	\$96,773	\$99,962
25									
26	304600	Struc &Imp-Offices	40.202	4705	4425	4450	40	44.050	44.005
27 28	Recurring Projects Investment Projects		\$9,293 0	\$785 0	\$125 0	\$150 0	\$0 0	\$1,060 0	\$1,095 0
29	Total SEC		\$9,293	\$785	\$125	\$150	<u> </u>	\$1.060	\$1,095
30	10001520		Ų3,E33	ψ <i>1</i> 03	<u> </u>	<u> </u>	, , , , , , , , , , , , , , , , , , , 	<u> </u>	<u> </u>
31	304700	Struct & Imp-Store, Shop, Garage							
32	Recurring Projects		\$293	\$25	(\$57)	(\$106)	\$0	(\$139)	(\$144)
33	Investment Projects		0	0	0	0	0	0	0
34	Total SEC		\$293	\$25	(\$57)	(\$106)	\$0	(\$139)	(\$144)
35									
36 37	306000 Recurring Projects	Lake, River & Other Intakes	\$225,335	\$19,044	\$1,462	\$2,380	\$0	\$22,886	\$23,640
38	Investment Projects		395,378	33,415	3,808	52,380 6,199	Ş0 0	43,423	\$23,640 44,854
39	Total SEC		\$620,712	\$52,459	\$5,270	\$8,579	\$0	\$66,309	\$68,495
40				752,100	+5,270	7-,	, , , , , , , , , , , , , , , , , , , 	722,303	755,155
41	309000	Supply Mains							
42	Recurring Projects		\$7,446	\$629	\$184	\$133	\$0	\$947	\$978
43	Investment Projects		0	0	0	0		0	0
44	Total SEC		\$7,446	\$629	\$184	\$133	\$0	\$947	\$978
45									

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line#	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
46 47	310000 Recurring Projects	Power Generation Equip	\$14,543	\$1,229	\$5,720	\$627	\$0	\$7,576	\$7,825
48	Investment Projects		0	0	0	0	0	0	0
49	Total SEC		\$14,543	\$1,229	\$5,720	\$627	\$0	\$7,576	\$7,825
50 51	311200	Pump Eqp Electric					_		
52	Recurring Projects	- amp =-qp =-com-	\$168,781	\$14,264	(\$3,081)	(\$1,699)	\$0	\$9,485	\$9,798
53	Investment Projects		0	0	0	0	0	0	0
54	Total SEC		\$168,781	\$14,264	(\$3,081)	(\$1,699)	\$0	\$9,485	\$9,798
55									
56	311520	Pumping Equipment SOS							
57	Recurring Projects		\$2,257,606	\$190,800	\$47,652	\$35,181	\$0	\$273,634	\$282,653
58	Investment Projects		0	0	0	0	0	0	0
59	Total SEC		\$2,257,606	\$190,800	\$47,652	\$35,181	\$0	\$273,634	\$282,653
60 61	320100	MET Founds Many Manufile							
62	Recurring Projects	WT Equip Non-Media	\$4,206,404	\$355,502	\$34,415	\$42,657	\$0	\$432,574	\$446,832
63	Investment Projects		13,863,157	1,171,638	178,455	221,197	0	1,571,290	1,623,082
64	Total SEC		\$18,069,561	\$1,527,140	\$212,869	\$263,854	\$0	\$2,003,864	\$2,069,915
65			+,	+-,	7-1-7-10	+			72,000,020
66	320200	Water Trmt Equip Filter Media							
67	Recurring Projects	4.1	\$642,596	\$54,309	\$292,524	\$11,731	\$0	\$358,564	\$370,383
68	Investment Projects		0	0	0	0	0	0	0
69	Total SEC		\$642,596	\$54,309	\$292,524	\$11,731	\$0	\$358,564	\$370,383
70									
71	330000	Dist Reservoirs & Standpipes							
72	Recurring Projects		\$28,355	\$2,396	\$726	\$472	\$0	\$3,595	\$3,713
73	Investment Projects		0	0	0	0	0	0	0
74	Total SEC		\$28,355	\$2,396	\$726	\$472	\$0	\$3,595	\$3,713
75 76	330200	Ground Level Tanks							
76 77	Recurring Projects	Ground Level Tanks	\$0	\$0	\$0	\$0	\$0	\$0	\$0
78	Investment Projects		213,425	18,038	6,334	3,123	0	27,495	28,401
79	Total SEC		\$213,425	\$18,038	\$6,334	\$3,123	\$0	\$27,495	\$28,401
80									
81	331001	Transmission & Distribution Mains							
82	Recurring Projects		\$270	\$23	(\$13)	(\$14)	\$0	(\$3)	(\$4)
83	Investment Projects		0	0	0	0	0	0	0
84	Total SEC		\$270	\$23	(\$13)	(\$14)	\$0	(\$3)	(\$4)
85									
91	340200	Computer & Peripheral Equipment							
92	Recurring Projects		\$102,289	\$8,645	\$2,682	\$1,655	\$0	\$12,982	\$13,410
93	Investment Projects		<u> </u>	69.645	63.693	<u>0</u>	0	<u>0</u>	<u>0</u>
94	Total SEC		\$102,289	\$8,645	\$2,682	\$1,655	\$0	\$12,982	\$13,410

95

SEC				6	7	8	9	10	11	12
			SEC			,	Rate) + (Col 4 x			
	Line#	•	Account Description	Investment (Rate	Pre-Tax Return	•	• •	•		
	96		Computer Software	·						
Investment Projects			·	\$123,010	\$10,396	\$2,748	\$2,029	\$0	\$15,174	\$15,674
99 Total SEC S123,010 S10,396 S2,748 S2,020 S0 S15,174 S15,674	98			0	0	0	0	0	0	0
101 340330 Computer Software Other		Total SEC		\$123,010	\$10,396	\$2,748	\$2,029	\$0	\$15,174	\$15,674
101 340330 Computer Software Other	100									
Recurring Projects Si,180 Si,100 S26 S19 S0 S146 S150		340330	Computer Software Other							
Investment Projects				\$1.180	\$100	\$26	\$19	\$0	\$146	\$150
Total SEC								·	·	
100 343000 Tools, Shop, Garage Equipment S4,020 S340 S60 S12 S0 S411 S425 S0 Investment Projects S4,020 S340 S60 S12 S0 S411 S425 S0 Total SEC S4,020 S340 S60 S12 S0 S411 S425 S0 S125 S0 S0 S0 S0 S0 S0 S0 S				+-,	7-00					
		3/13/000	Tools Shon Garage Equipment							
Investment Projects			100is, Shop, darage Equipment	\$4.020	\$340	\$60	\$12	\$n	\$411	\$425
Total SEC S4,020 S340 S600 S12 S0 S411 S425					•	•			·	
111 344000 Laboratory Equipment		•								
111 344000 1.2 1		Total SEC		34,020	7540		712		7411	Ş423
		344000	Laboratori, Faciliano est							
114 Total EC Securing Projects Securin			Laboratory Equipment	¢16 270	¢1 204	/ć1 4F0\	(¢1.0E0)	ćo	(\$2.024)	(¢2.000)
Total SEC S16,378 S1,384 (\$1,458) (\$1,950) \$0 (\$2,024) (\$2,090) \$15 \$34500 Power Operated Equipment \$16 345000 Power Operated Equipment \$17 Recurring Projects \$25,899 \$2,189 \$2,123 \$408 \$50 \$4,720 \$54,876 \$18 Investment Projects \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$. , ,			
115 116 34500 Power Operated Equipment		•								
116		Total SEC		\$10,576	\$1,364	(\$1,436)	(\$1,530)	ŞŪ	(32,024)	(32,030)
Securing Projects Secu										
18			Power Operated Equipment	425.000	42.400	40.400	4400	40	44.700	44.076
Total SEC \$25,899 \$2,189 \$2,123 \$408 \$50 \$4,720 \$4,876										
120 121 346100 Comm Equip Non-Telephone										
121 346100		Total SEC		\$25,899	\$2,189	\$2,123	\$408	\$0	\$4,720	\$4,876
Securing Projects Secu										
Investment Projects 0 0 0 0 0 0 0 0 0			Comm Equip Non-Telephone							
Total SEC S25,094 S2,121 S1,731 S556 S0 S4,407 S4,553										
125 126 346190 Remote Control & Instrument 127 Recurring Projects \$893,805 \$75,539 \$36,515 \$11,718 \$0 \$123,773 \$127,853 128 Investment Projects \$15,066 \$1,273 \$681 \$219 \$0 \$2,173 \$2,245 129 \$10 \$2,173 \$2,245 129 \$10 \$2,173 \$2,245 129 \$10 \$2,173 \$2,245 129 \$10 \$2,173 \$2,245 129 \$10 \$2,173 \$2,245 129 \$10 \$11,937 \$0 \$11,937 \$0 \$123,976 \$130,098 130 \$130		•								
126 346190 Remote Control & Instrument		Total SEC		\$25,094	\$2,121	\$1,731	<u>\$556</u>	<u>\$0</u>	\$4,407	\$4,553
Recurring Projects \$893,805 \$75,539 \$36,515 \$11,718 \$0 \$123,773 \$127,853 Investment Projects 15,066 1,273 681 219 0 2,173 2,245 Total SEC \$908,871 \$76,813 \$37,196 \$11,937 \$0 \$125,946 \$130,098 130										
128 Investment Projects 15,066 1,273 681 219 0 2,173 2,245 129			Remote Control & Instrument							
Total SEC \$908,871 \$76,813 \$37,196 \$11,937 \$0 \$125,946 \$130,098										
130 131 1347000 132 1347000 1347000 1347000 135 1347000 135 1347000 135										
347000 Misc Equipment Say,370 Say,327 Say,642 Say,564 So Say,533 Say,788 Say,370 Say,570 Say		Total SEC		\$908,871	\$76,813	\$37,196	\$11,937	\$0	\$125,946	\$130,098
Securing Projects \$39,370 \$3,327 \$2,642 \$564 \$0 \$6,533 \$6,748										
133 Investment Projects 2,291 194 376 80 0 650 672 134 Total SEC \$41,661 \$3,521 \$3,018 \$644 \$0 \$7,183 \$7,420 135 Framework 136 Expense: Framework 137 Chemical Expense for Wastewater handling: \$0 <td></td> <td></td> <td>Misc Equipment</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			Misc Equipment							
134 Total SEC \$41,661 \$3,521 \$3,018 \$644 \$0 \$7,183 \$7,420 135 136 Expense: 137 Chemical Expense for WasteWater handling: \$0										
135										
136 Expense:	134	Total SEC		\$41,661	\$3,521	\$3,018	\$644	\$0	\$7,183	\$7,420
137 Chemical Expense for WasteWater handling: \$0<	135									
138 Electric Power Expense for Wasterwater handling: 0 <t< td=""><td>136</td><td>Expense:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	136	Expense:								
139 Hauling Expense for Wasterwater handling: 0 <td>137</td> <td>Chemical Expense for Waste</td> <td>eWater handling:</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td> <td>\$0</td>	137	Chemical Expense for Waste	eWater handling:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
140 Total \$0 \$0 \$0 \$0 \$0 \$0 141 9 9 9 9 9 9 9	138	Electric Power Expense for \	Wasterwater handling:	0	0	0	0	0	0	0
141		Hauling Expense for Waster	water handling:							
	140	Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
142 Total \$31,769,220 \$2,684,961 \$878,992 \$446,418 \$0 \$4,010,371 \$4,142,560	141									
	142	Total		\$31,769,220	\$2,684,961	\$878,992	\$446,418	\$0	\$4,010,371	\$4,142,560

Tennessee American Water Economic Development Investment (EDI) Calculation of EDI Revenue Requirement

		2020 EDI
Line Number	Description	Company Totals
1	Additions Subject to EDI:	\$4,897,499
2	Plus: Cost of Removal less Salvage	933
3	Less: Contributions in Aid to Construction (CIAC)	58,274
4	Less: Deferred Income Taxes	274,937
5	Less: Accumulated Depreciation	117,977
6	Net Investment Supplied EDI Additions:	\$4,447,244
7		
8	Pre-Tax Rate of Return:	8.45145%
9	Pre-Tax Return on Additions:	\$375,857
10		
11	Depreciation Expense on EDI Additions:	77,211
12		
13	Operational Expenses Related to EDI	0
14		
15	Property and Franchise Taxes Associated with EDI:	66,157
16		
17	EDI Revenues:	\$519,225
18		
19	Revenue Taxes	3.191%
20	EDI Revenues with Revenue Taxes	\$536,339
21		
22	EDI APP Revenue Reduction	(168)
23		
24	Total EDI Revenues with Revenue Taxes & APP Reduction	\$536,171
25		
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	\$47,073,724
27		
28	EDI Percentage to Apply to Bill:	1.14%
29		

1 2 3 4 5 B C

EDI =Col 1 + Col 2

Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	304400	Structures & Improvement-T&D							
2	Recurring Projects		\$218,985	\$0	\$0	\$218,985	\$0	(\$12,294)	(\$5,756)
3	Investment Projects		0	0	0	0	0	0	0
4	Total EDI		\$218,985	\$0	\$0	\$218,985	\$0	(\$12,294)	(\$5,756)
5									
6	311200	Pump Eqp Electric							
7	Recurring Projects		\$0	\$0	\$0	\$0	\$0	(\$1)	\$0
8	Investment Projects		937,013	0	0	937,013	0	(52,602)	(11,478)
9	Total EDI		\$937,013	\$0	\$0	\$937,013	\$0	(\$52,603)	(\$11,478)
10									
11	331001	Transmission & Distribution Mains							
12	Recurring Projects		\$2,573,931	\$0	\$0	\$2,573,931	\$0	(\$144,495)	(\$77,562)
13	Investment Projects		767,146	0	0	767,146	0	(43,066)	(4,795)
14	Total EDI		\$3,341,077	\$0	\$0	\$3,341,077	\$0	(\$187,561)	(\$82,357)
15									,
16	333000	Services							
17	Recurring Projects		\$15,633	\$0	\$0	\$15,633	\$0	(\$878)	(\$453)
18	Investment Projects		0	0	0	0	0	0	0
19	Total EDI		\$15,633	\$0	\$0	\$15,633	\$0	(\$878)	(\$453)
20									
21	334300	Meter Vaults							
22	Recurring Projects		\$38,035	\$0	\$0	\$38,035	\$0	(\$2,135)	(\$2,656)
23	Investment Projects		0	0	0	0	0	0	0
24	Total EDI		\$38,035	\$0	\$0	\$38,035	\$0	(\$2,135)	(\$2,656)
25						-		-	
26	335000	Hydrants							
27	Recurring Projects		\$346,756	(\$882)	(\$58,274)	\$345,874	\$933	(\$19,466)	(\$15,277)
28	Investment Projects		0	0	0	0	0	0	0
29	Total EDI		\$346,756	(\$882)	(\$58,274)	\$345,874	\$933	(\$19,466)	(\$15,277)
30									
31	Expense:								
32			\$0	\$0	\$0	\$0	\$0	\$0	\$0
33			0	0	0	0	0	0	0
34			0	0	0	0	0	0	0
35	Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
36									

			1	2	3	4	5	В	С
		EDI				=Col 1 + Col 2			
						Net Investments		Accumulated	
	Investment by Plant					(for Property Tax	Cost of Removal	Deferred Income	Accumulated
Line #	Account	Account Description	Additions	Retirements	CIAC	Calculation)	Net of Salvage	Taxes	Depreciation
37	Total		\$4,897,499	(\$882)	(\$58,274)	\$4,896,617	\$933	(\$274,937)	(\$117,977)

			6	7	8	9	10	11	12
		EDI	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	304400	Structures & Improvement-T&D			_				
2	Recurring Projects		\$200,935	\$16,982	\$4,664	\$2,959	\$0	\$24,605	\$25,416
3	Investment Projects		0	0	0	0	0	0	0
4	Total EDI		\$200,935	\$16,982	\$4,664	\$2,959	\$0	\$24,605	\$25,416
5									
6	311200	Pump Eqp Electric		(4-)				(+-)	(+-)
7	Recurring Projects		(\$1)	(\$0)	\$0	\$0	\$0	(\$0)	(\$0)
8	Investment Projects		872,933	73,776	22,957	12,660	0	109,392	112,998
9	Total EDI		\$872,932	\$73,775	\$22,957	\$12,660	\$0	\$109,392	\$112,998
10									
11	331001	Transmission & Distribution Mains							
12	Recurring Projects		\$2,351,874	\$198,768	\$32,174	\$34,776	\$0	\$265,717	\$274,476
13	Investment Projects		719,285	60,790	9,589	10,365	0_	80,744	83,406
14	Total EDI		\$3,071,159	\$259,558	\$41,763	\$45,140	\$0	\$346,461	\$357,881
15									
16	333000	Services							
17	Recurring Projects		\$14,302	\$1,209	\$174	\$211	\$0	\$1,593	\$1,646
18	Investment Projects		0	0	0	0	0_	0	0
19	Total EDI		\$14,302	\$1,209	\$174	\$211	\$0	\$1,593	\$1,646
20									
21	334300	Meter Vaults							
22	Recurring Projects		\$33,244	\$2,810	\$1,038	\$514	\$0	\$4,362	\$4,506
23	Investment Projects		0	0	0		0_	0	0
24	Total EDI		\$33,244	\$2,810	\$1,038	\$514	\$0	\$4,362	\$4,506
25									
26	335000	Hydrants	4	4444		4			
27	Recurring Projects		\$254,672	\$21,523	\$6,615	\$4,673	\$0	\$32,811	\$33,893
28	Investment Projects		0	0	0	0	0	0	0
29	Total EDI		\$254,672	\$21,523	\$6,615	\$4,673	\$0	\$32,811	\$33,893
30	_								
31	Expense:								
32			\$0	\$0	\$0	\$0	\$0	\$0	\$0
33			0	0	0	0	0	0	0
34	Total		0	0	0	0	0	0	0
35	Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
36									

			6	7	8	9	10	11	12
		EDI	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line#	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
37	Total	•	\$4,447,244	\$375,857	\$77,211	\$66,157	\$0	\$519,225	\$536,339

Tennessee American Water Qualified Infrastructure Improvement Program (QIIP) Calculation of QIIP Revenue Requirement

1 Additions Subject to QIIP: 2 Plus: Cost of Removal less Salvage 3 Less: Contributions in Aid to Construction (CIAC) 4 Less: Deferred Income Taxes 5 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 5 Clark Salvage 6 Net Investment Supplied QIIP Additions: 5 Sessive Contributions: 5 Sessive Clark Salvage 8 Reverse Sessive Ses	Line Number	Description	2020 QIIP Company Totals
Plus: Cost of Removal less Salvage 8,979,803	Line Humber		Company rotals
3 Less: Contributions in Aid to Construction (CIAC) 2,300,403 4 Less: Deferred Income Taxes 8,206,197 5 Less: Accumulated Depreciation 3,501,288 6 Net Investment Supplied QIIP Additions: \$56,014,304 7	1	Additions Subject to QIIP:	\$61,042,389
4 Less: Deferred Income Taxes 8,206,197 5 Less: Accumulated Depreciation 3,501,288 6 Net Investment Supplied QIIP Additions: \$56,014,304 7 *** 8 Pre-Tax Rate of Return: 8,45145% 9 Pre-Tax Return on Additions: \$4,734,022 10 *** 11 Depreciation Expense on QIIP Additions: 1,086,583 12 *** 13 Operational Expenses Related to QIIP 0 14 *** 15 Property and Franchise Taxes Associated with QIIP: 692,955 16 *** \$6,513,560 18 *** \$6,513,560 19 Revenue Taxes 3.191% 20 QIIP Revenues with Revenue Taxes \$6,728,259 21 *** \$6,728,259 22 QIIP APP Revenue Reduction (4,558) 23 *** Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 *** *** 26 Service C	2	Plus: Cost of Removal less Salvage	8,979,803
5 Less: Accumulated Depreciation 3,501,288 6 Net Investment Supplied QIIP Additions: \$56,014,304 7	3	Less: Contributions in Aid to Construction (CIAC)	2,300,403
Net Investment Supplied QIIP Additions: Pre-Tax Rate of Return: Return on Additions: Pre-Tax Return on Additions: S4,734,022 10 11 Depreciation Expense on QIIP Additions: 1,086,583 12 13 Operational Expenses Related to QIIP Operational Expenses Related to QIIP Property and Franchise Taxes Associated with QIIP: Operational Expenses Related to QIIP Operational Expenses on QIIP Additions: 1,086,583 12 0perational Expenses Related to QIIP Operational Expenses Related to QIIP Operational Expenses Related to QIIP Operational Expenses on QIIP Additions: 1,086,583 14,086,583 Operational Expenses on QIIP Additions: 1,086,583 12 Operational Expenses on QIIP Additions: 1,086,583 12 1,086,583 12 0perational Expenses on QIIP Additions: 1,086,583 12 0perational Expenses on QIIP Additions: 1,086,583 12 1,086,583 10 1,086,583 10 1,086,583 10 1,086,583 10 1,086,583 10 1,086,583 10 1,086,583 10 10 10 10 10 10 10 1	4	Less: Deferred Income Taxes	8,206,197
Pre-Tax Rate of Return: Pre-Tax Return on Additions: 10 10 11 Depreciation Expense on QIIP Additions: 1,086,583 12 13 Operational Expenses Related to QIIP 15 Property and Franchise Taxes Associated with QIIP: 16 17 QIIP Revenues: \$6,513,560 18 19 Revenue Taxes QIIP Revenues with Revenue Taxes \$6,728,259 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	5	Less: Accumulated Depreciation	3,501,288
8Pre-Tax Rate of Return:8.45145%9Pre-Tax Return on Additions:\$4,734,02210	6	Net Investment Supplied QIIP Additions:	\$56,014,304
9	7		
10 11 Depreciation Expense on QIIP Additions: 1,086,583 12 13 Operational Expenses Related to QIIP 14 0 15 Property and Franchise Taxes Associated with QIIP: 16 692,955 16 17 QIIP Revenues: 18 \$6,513,560 18 19 Revenue Taxes 3.191% 20 QIIP Revenues with Revenue Taxes 21 QIIP Revenues with Revenue Taxes 22 QIIP APP Revenue Reduction 23 \$6,728,259 24 Total QIIP Revenues with Revenue Taxes & APP Reduction 25 \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	8	Pre-Tax Rate of Return:	8.45145%
Depreciation Expense on QIIP Additions: 1,086,583 12 13 Operational Expenses Related to QIIP 0 14 15 Property and Franchise Taxes Associated with QIIP: 692,955 16 17 QIIP Revenues: \$6,513,560 18 19 Revenue Taxes QIIP Revenues with Revenue Taxes \$56,728,259 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 11.28%	9	Pre-Tax Return on Additions:	\$4,734,022
12 13 Operational Expenses Related to QIIP 14 15 Property and Franchise Taxes Associated with QIIP: 16 17 QIIP Revenues: \$6,513,560 18 19 Revenue Taxes 3.191% 20 QIIP Revenues with Revenue Taxes \$5,728,259 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	10		
Operational Expenses Related to QIIP Operational Expenses Related to QIIP Property and Franchise Taxes Associated with QIIP: Operational Expenses Related to QIIP Property and Franchise Taxes Associated with QIIP: Operational Expenses Related to QIIP 692,955 692,955 16 17 QIIP Revenues: \$6,513,560 18 19 Revenue Taxes \$1,191% 20 QIIP Revenues with Revenue Taxes \$6,728,259 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	11	Depreciation Expense on QIIP Additions:	1,086,583
14 15	12		
Property and Franchise Taxes Associated with QIIP: 692,955 16 17 QIIP Revenues: \$6,513,560 18 19 Revenue Taxes 3.191% 20 QIIP Revenues with Revenue Taxes \$3.191% 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	13	Operational Expenses Related to QIIP	0
16 17 QIIP Revenues: \$6,513,560 18 19 Revenue Taxes 3.191% 20 QIIP Revenues with Revenue Taxes \$6,728,259 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill:	14		
17 QIIP Revenues: \$6,513,560 18	15	Property and Franchise Taxes Associated with QIIP:	692,955
Revenue Taxes 3.191% QIIP Revenues with Revenue Taxes \$6,728,259 QIIP APP Revenue Reduction (4,558) Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 QIIP Percentage to Apply to Bill: 14.28%	16		
19 Revenue Taxes 3.191% 20 QIIP Revenues with Revenue Taxes \$6,728,259 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	17	QIIP Revenues:	\$6,513,560
QIIP Revenues with Revenue Taxes \$6,728,259 21 22 QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	18		
21 QIIP APP Revenue Reduction (4,558) 23	19	Revenue Taxes	3.191%
QIIP APP Revenue Reduction (4,558) 23 24 Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	20	QIIP Revenues with Revenue Taxes	\$6,728,259
Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 QIIP Percentage to Apply to Bill: 14.28%	21		
Total QIIP Revenues with Revenue Taxes & APP Reduction \$6,723,700 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 QIIP Percentage to Apply to Bill: 14.28%	22	QIIP APP Revenue Reduction	(4,558)
25 26 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	23		
Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 27 28 QIIP Percentage to Apply to Bill: 14.28%	24	Total QIIP Revenues with Revenue Taxes & APP Reduction	\$6,723,700
27 28 QIIP Percentage to Apply to Bill: 14.28%	25		
28 QIIP Percentage to Apply to Bill: 14.28%	26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	\$47,073,724
	27		
29	28	QIIP Percentage to Apply to Bill:	14.28%
	29		

_____1 ___ 2 ___ 3 ___ 4 ___ 5 ___ B ___ C

QIIP =Col 1+Col 2

						Net Investments (for Property Tax	Cost of Removal	Accumulated Deferred Income	Accumulated
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Calculation)	Net of Salvage	Taxes	Depreciation
1	304300	Struct & Imp-Treatment		/4	4	/4			
2	Recurring Projects		\$0	(\$94,900)	\$0	(\$94,900)	\$0	\$0	\$21,157
3	Investment Projects		6,570,677	(2,607)	0	6,568,070	1,000,000	(883,323)	(1,026,490)
4	Total QIIP	:	\$6,570,677	(\$97,507)	\$0	\$6,473,170	\$1,000,000	(\$883,323)	(\$1,005,333)
5									
6	304301	Struct & Imp-Treatment-Dpr Paint							
7	Recurring Projects		\$1,250,689	(\$170,157)	\$0	\$1,080,532	\$661,770	(\$168,137)	(\$581,954)
8	Investment Projects		0	0	0	0	0	0	0
9	Total QIIP		\$1,250,689	(\$170,157)	\$0	\$1,080,532	\$661,770	(\$168,137)	(\$581,954)
10									
11	320100	WT Equip Non-Media							
12	Recurring Projects		\$259,932	(\$123,785)	\$0	\$136,147	\$89,500	(\$34,942)	(\$44,546)
13	Investment Projects		3,098,265	(1,210,072)	0	1,888,193	2,100,267	(416,514)	(89,731)
14	Total QIIP		\$3,358,197	(\$1,333,857)	\$0	\$2,024,340	\$2,189,767	(\$451,456)	(\$134,277)
15									
16	320200	Water Trmt Equip Filter Media							
17	Recurring Projects		\$52,740	(\$36,378)	\$0	\$16,362	\$206,460	(\$7,090)	(\$23,957)
18	Investment Projects		0		0	0	0	0	0
19	Total QIIP		\$52,740	(\$36,378)	\$0	\$16,362	\$206,460	(\$7,090)	(\$23,957)
20									
21	330000	Dist Reservoirs & Standpipes							
22	Recurring Projects		\$1,006,573	\$0	\$0	\$1,006,573	\$0	(\$135,320)	(\$41,303)
23	Investment Projects		0	0	0	0	0	0	0
24	Total QIIP		\$1,006,573	\$0	\$0	\$1,006,573	\$0	(\$135,320)	(\$41,303)
25									
26	330003	Tank Repainting							
27	Recurring Projects		\$1,657,878	(\$308,891)	\$0	\$1,348,987	\$580,347	(\$222,872)	(\$288,215)
28	Investment Projects		0	0	0	0	0	0	0
29	Total QIIP		\$1,657,878	(\$308,891)	\$0	\$1,348,987	\$580,347	(\$222,872)	(\$288,215)
30									
31	330100	Elevated Tanks & Standpipes							
32	Recurring Projects		\$90,600	\$0	\$0	\$90,600	\$0	(\$12,178)	(\$9,452)
33	Investment Projects		0	0	0	0	0	0	0
34	Total QIIP		\$90,600	\$0	\$0	\$90,600	\$0	(\$12,178)	(\$9,452)
35									
36	330200	Ground Level Tanks							
37	Recurring Projects		\$1,710,349	(\$446)	\$0	\$1,709,903	\$977	(\$229,929)	(\$64,762)
38	Investment Projects	_	0	0	0	0	0	0	0
39	Total QIIP		\$1,710,349	(\$446)	\$0	\$1,709,903	\$977	(\$229,929)	(\$64,762)
40									

1 2 3 4 5 B C

QIIP =Col 1+Col 2

Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
41	331001	Transmission & Distribution Mains							
42	Recurring Projects		\$23,332,903	(\$2,873,747)	(\$2,138,244)	\$20,459,156	\$1,495,210	(\$3,136,753)	(\$701,198)
43	Investment Projects		4,163,178	0	0	4,163,178	0	(559,671)	(50,038)
44	Total QIIP	-	\$27,496,082	(\$2,873,747)	(\$2,138,244)	\$24,622,335	\$1,495,210	(\$3,696,424)	(\$751,236)
45		=							
46	333000	Services							
47	Recurring Projects		\$4,021,930	(\$204,444)	(\$29,877)	\$3,817,486	\$735,677	(\$540,682)	(\$125,845)
48	Investment Projects	_	0	0	0	0	0	0	0
49	Total QIIP	_	\$4,021,930	(\$204,444)	(\$29,877)	\$3,817,486	\$735,677	(\$540,682)	(\$125,845)
50		-							
51	334100	Meters							
52	Recurring Projects		\$972,197	(\$3,545,057)	\$0	(\$2,572,860)	\$377,185	(\$130,700)	\$248,186
53	Investment Projects	_	0	0	0	0	0	0	0
54	Total QIIP		\$972,197	(\$3,545,057)	\$0	(\$2,572,860)	\$377,185	(\$130,700)	\$248,186
55		<u>-</u>							
56	334200	Meter Installations							
57	Recurring Projects		\$10,782,225	(\$901,265)	\$0	\$9,880,960	\$1,608,754	(\$1,449,502)	(\$606,250)
58	Investment Projects	_	0	0	0	0	0	0	0
59	Total QIIP	<u>-</u>	\$10,782,225	(\$901,265)	\$0	\$9,880,960	\$1,608,754	(\$1,449,502)	(\$606,250)
60									
61	334300	Meter Vaults							
62	Recurring Projects		\$34,625	\$0	\$0	\$34,625	\$1,496	(\$4,653)	(\$1,324)
63	Investment Projects	_	0	0	0	0	0	0	0
64	Total QIIP	<u>-</u>	\$34,625	\$0	\$0	\$34,625	\$1,496	(\$4,653)	(\$1,324)
65									
66	335000	Hydrants							
67	Recurring Projects		\$1,830,293	(\$281,384)	(\$132,282)	\$1,548,909	\$122,160	(\$246,055)	(\$89,706)
68	Investment Projects	<u>-</u>	0	0	0	0	0	0	0
69	Total QIIP	=	\$1,830,293	(\$281,384)	(\$132,282)	\$1,548,909	\$122,160	(\$246,055)	(\$89,706)
70									
71	346190	Remote Control & Instrument							
72	Recurring Projects		\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	Investment Projects	<u>-</u>	207,335	0	0	207,335	0	(27,876)	(25,860)
74	Total QIIP	=	\$207,335	\$0	\$0	\$207,335	\$0	(\$27,876)	(\$25,860)
75									
76	Expense:								
77			\$0	\$0	\$0	\$0	\$0	\$0	\$0
78			0	0	0	0	0	0	0
79		<u>-</u>	0	0	0	0	0	0	0
80	Total	=	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81									

			1	2	3	4	5	В	c
	_	QIIP				=Col 1 + Col 2			
						Net Investments		Accumulated	
						(for Property Tax	Cost of Removal	Deferred Income	Accumulated
Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Calculation)	Net of Salvage	Taxes	Depreciation
82	Total		\$61,042,389	(\$9,753,133)	(\$2,300,403)	\$51,289,256	\$8,979,803	(\$8,206,197)	(\$3,501,288)

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 +	= Col 11 / (1 - 3.191%)
			Earnings Basis Net Investment (Rate	Earnings Basis x Pre-Tax Return	Depreciation	Property Tax &	Operational	Total Before	Total With
Line #	Investment by Plant Account	Account Description	Base)	(PTR)	Expense	Franchise Fees	Expenses	Revenue Tax	Revenue Tax
1	304300	Struct & Imp-Treatment	44	4	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	/4		/4>	(44 -44)
2	Recurring Projects		\$21,157	\$1,788	(\$3,900)	(\$1,282)	\$0	(\$3,394)	(\$3,506)
3 4	Investment Projects Total QIIP		5,660,864 \$5,682,021	478,425 \$480,213	269,948 \$266,047	88,739 \$87,457	<u> </u>	837,112 \$833,718	864,705 \$861,199
	Total QIIP		\$5,082,021	\$480,213	\$200,047	\$87,457	\$0	\$833,718	\$801,199
5 6	304301	Struct & Imp-Treatment-Dpr Paint							
7	Recurring Projects	Struct & Imp-Treatment-Dpr Paint	\$1,162,368	\$98,237	\$130,312	\$14,599	\$0	\$243,148	\$251,162
8	Investment Projects		91,102,308	,50,257 0	0	\$14,555 0	0	9243,140 0	Ş251,102 0
9	Total QIIP		\$1,162,368	\$98,237	\$130,312	\$14,599	\$0	\$243,148	\$251,162
10	rotal Q		\(\frac{\partial}{1}\) 102,300		V130)312	<u> </u>		Ψ2 13)1 10	Q201)102
11	320100	WT Equip Non-Media							
12	Recurring Projects	<u>-</u> qp	\$269,944	\$22,814	\$1,484	\$1,839	\$0	\$26,138	\$26,999
13	Investment Projects		4,692,287	396,566	20,581	25,511	0	442,659	457,249
14	Total QIIP		\$4,962,231	\$419,381	\$22,065	\$27,350	\$0	\$468,796	\$484,249
15									
16	320200	Water Trmt Equip Filter Media							
17	Recurring Projects		\$228,153	\$19,282	\$5,512	\$221	\$0	\$25,016	\$25,840
18	Investment Projects		0	0	0	. 0	0	0	0
19	Total QIIP		\$228,153	\$19,282	\$5,512	\$221	\$0	\$25,016	\$25,840
20									
21	330000	Dist Reservoirs & Standpipes							
22	Recurring Projects		\$829,950	\$70,143	\$20,937	\$13,600	\$0	\$104,679	\$108,129
23	Investment Projects		0	0	0	0	0	0	0
24	Total QIIP		\$829,950	\$70,143	\$20,937	\$13,600	\$0	\$104,679	\$108,129
25					-				
26	330003	Tank Repainting							
27	Recurring Projects		\$1,727,138	\$145,968	\$149,468	\$18,226	\$0	\$313,662	\$324,001
28	Investment Projects		0	0	0	0	0	0	0
29	Total QIIP		\$1,727,138	\$145,968	\$149,468	\$18,226	\$0	\$313,662	\$324,001
30									
31	330100	Elevated Tanks & Standpipes							
32	Recurring Projects		\$68,970	\$5,829	\$2,482	\$1,224	\$0	\$9,535	\$9,850
33	Investment Projects		0	0	0	0	0	0	0
34	Total QIIP		\$68,970	\$5,829	\$2,482	\$1,224	\$0	\$9,535	\$9,850
35									
36	330200	Ground Level Tanks							
37	Recurring Projects		\$1,416,635	\$119,726	\$46,851	\$23,102	\$0	\$189,680	\$195,932
38	Investment Projects		0	0	0	0	0	0	0
39	Total QIIP		\$1,416,635	\$119,726	\$46,851	\$23,102	\$0	\$189,680	\$195,932
••									

40

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 +	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
41	331001	Transmission & Distribution Mains	Dasej	(FIN)	Lxperise	Trancinse rees	Ехрепзез	nevenue rax	Nevenue rax
42	Recurring Projects	Transmission & Distribution Mains	\$18,851,918	\$1,593,261	\$229,011	\$276,418	\$0	\$2,098,690	\$2,167,867
43	Investment Projects		3,553,469	300,320	52,040	56,248	0	408,607	422,075
44	Total QIIP		\$22,405,388	\$1,893,581	\$281,051	\$332,665	\$0	\$2,507,297	\$2,589,942
45									
46	333000	Services							
47	Recurring Projects		\$4,061,203	\$343,231	\$42,042	\$51,577	\$0	\$436,850	\$451,249
48	Investment Projects		0	0	0	0	0	0	0
49	Total QIIP		\$4,061,203	\$343,231	\$42,042	\$51,577	\$0	\$436,850	\$451,249
50									
51	334100	Meters							
52	Recurring Projects		\$1,466,868	\$123,972	(\$192,193)	(\$34,761)	\$0	(\$102,982)	(\$106,377)
53	Investment Projects		0	0	0	0	0	0	0
54	Total QIIP		\$1,466,868	\$123,972	(\$192,193)	(\$34,761)	\$0	(\$102,982)	(\$106,377)
55									
56	334200	Meter Installations							
57	Recurring Projects		\$10,335,227	\$873,477	\$269,750	\$133,499	\$0	\$1,276,726	\$1,318,809
58	Investment Projects		0	0	0	0	0	0	0
59	Total QIIP		\$10,335,227	\$873,477	\$269,750	\$133,499	\$0	\$1,276,726	\$1,318,809
60									
61	334300	Meter Vaults							
62	Recurring Projects		\$30,144	\$2,548	\$945	\$468	\$0	\$3,961	\$4,091
63	Investment Projects		0	0	0	0	0	0	0
64	Total QIIP		\$30,144	\$2,548	\$945	\$468	\$0	\$3,961	\$4,091
65									
66	335000	Hydrants							
67	Recurring Projects		\$1,484,410	\$125,454	\$32,582	\$20,927	\$0	\$178,964	\$184,862
68	Investment Projects		0	0	0	0	0	0	0
69	Total QIIP		\$1,484,410	\$125,454	\$32,582	\$20,927	\$0	\$178,964	\$184,862
70									
71	346190	Remote Control & Instrument	_		_				
72	Recurring Projects		\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	Investment Projects		153,599	12,981	8,729	2,801	0	24,511	25,319
74	Total QIIP		\$153,599	\$12,981	\$8,729	\$2,801	\$0	\$24,511	\$25,319
75									
76	Expense:								
77			\$0	\$0	\$0	\$0	\$0	\$0	\$0
78			0	0	0	0	0	0	0
79 80	Total		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>0</u> \$0	<u> </u>	<u> </u>
	Total		\$0	\$0	<u> </u>	<u> </u>	\$0	\$0	<u> </u>
81									

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 +	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
82	Total		\$56,014,304	\$4,734,022	\$1,086,583	\$692,955	\$0	\$6,513,560	\$6,728,259

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tenno
Revision Date Octob
Description TN BF

Tennessee
October 11, 2019
TN BP 2020-2024 SCEP

					_	2020					
Business Unit	Rider	Business Unit No.	Project Title			1	2	3	4	5	6
Tennessee	None	DV	Projects Funded by Others	•	•	\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	Α	Mains - New			0	31,880	7,193	34,073	23,447	52,528
Tennessee	QIIP	В	Mains - Replaced / Restored			182,779	196,745	260,846	264,167	293,867	295,434
Tennessee	QIIP	C	Mains - Unscheduled			174,809	184,899	167,784	130,821	127,121	111,987
Tennessee Tennessee	QIIP EDI	D E	Mains - Relocated			10,627 6,376	16,567 6,838	28,133 7,399	29,073 10,868	29,700 11,614	24,732 14,240
Tennessee	QIIP	F	Hvdrants. Valves. and Manholes - New Hvdrants. Valves. and Manholes - Replaced			23,114	29,258	32,497	45,094	45,908	57,256
Tennessee	None	G	Services and Laterals - New			85,809	90,871	96,462	108,714	109,466	110,453
Tennessee	QIIP	H	Services and Laterals - New Services and Laterals - Replaced			52,389	56,542	60,756	62,157	65,483	76,479
Tennessee	None	1	Meters - New			16,365	17,330	18,401	26,936	29,809	35,871
Tennessee	QIIP	J	Meters - Replaced			28,161	30,034	31,495	36,808	164,948	173,012
Tennessee	None	K	ITS Equipment and Systems			193,024	193,963	200,216	200,530	200,843	200,843
Tennessee	SEC	L	SCADA Equipment and Systems			0	23,908	1,410	27,711	1,551	28,383
Tennessee	SEC	M	Security Equipment and Systems			6,376 0	7,815	10,379	11,098	14,443	14,662
Tennessee	None	N O	Offices and Operations Centers			0	0	4,569 159,400	269 9,400	269 9,400	4,569 159,400
Tennessee Tennessee	None None	P	Vehicles			3,081	3,689	22,067	4,992	4,992	27,830
Tennessee	SEC	Q.	Tools and Equipment Process Plant Facilities and Equipment			87,670	98,153	109,481	144,145	151,808	170,067
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting			0	260,890	276,275	291,660	291,660	291,660
Tennessee	None	S	Engineering Studies			2,657	2,813	3,483	5,126	5,251	5,346
			Total Recurring Projects ACQUISITIONS			873,236	1,252,194	1,498,248	1,443,642	1,581,580	1,854,752
			Total Acquisitions			0	0	0	0	0	0
Tennessee	QIIP SEC QIIP QIIP SEC QIIP QIIP SEC QIIP EDI EDI SEC QIIP EDI SEC QIIP	126-020039 126-020040 126-020044 126-020048 126-020051 126-020055 126-020057 126-020058 126-02000X 126-02000X 126-02000X 126-02000X 126-02000X 126-050001 126-050001 126-050003	INVESTMENT PROJECTS Repl Basin 1 & Plate Settlers Chlorine Gas Conversion New Raw Water Intake Citico Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Traveling Screen Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects	Total	In Service Date 10/31/2020 11/4/2019 3/15/2024 10/1/2023 11/15/2022 9/30/2022 4/30/2020 10/1/2025 11/1/2025 5/30/2020 4/1/2020 2/1/2020 4/1/2020 4/1/2020 12/1/2024 9/15/2022	168,764 164,625 0 0 0 0 0 0 0 0 0 0 0 990,919 0 0 0	279,949 104,263 0 0 0 0 0 0 0 0 0 330,306 116,461 44,041 0 0	336,796 104,263 0 0 0 0 0 0 0 0 251,473 442,528 0 44,323 0 0	476,585 0 0 0 0 0 0 0 0 0 252,977 335,265 0 220,771 0 0	479,643 0 0 0 0 0 0 0 0 0 254,600 0 219,500 0	730,450 0 0 0 0 0 0 0 0 0 0 0 109,750 0
			Contributions			(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
			Advances			(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
			Total Refunds			29,167	29,167	29,167	29,167	29,167	29,167
			Gros	s		\$2,207,544	\$2,137,213	\$2,727,632	\$2,809,240	\$2,685,323	\$2,844,953
*Dollar amounts	from TA	WC's Annual C	apital Planning Process			(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
			Ne	t		\$2,158,377	\$2,088,047	\$2,678,465	\$2,760,074	\$2,636,157	\$2,795,786
			Gross minus Post Ac	n		\$2,207,544	\$2,137,213	\$2,727,632	\$2,809,240	\$2,685,323	\$2,844,953
			G. 633 Illilius Post Ac	7		(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
			Net! D4 A-	_				. , ,		. , , ,	
			Net minus Post Ac	9		\$2,158,377	\$2,088,047	\$2,678,465	\$2,760,074	\$2,636,157	\$2,795,786

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Revision Date Description

Tennessee October 11, 2019 TN BP 2020-2024 SCEP

			T				1			U.S.
Business Unit	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2020
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	Α	Mains - New	25,420	57,299	4,387	35,013	1,880	26,880	300,000
Tennessee	QIIP	В	Mains - Replaced / Restored	297,000	270,434	268,867	267,300	214,167	188,633	3,000,238
Tennessee	QIIP	С	Mains - Unscheduled	120,283	120,048	120,582	120,623	128,023	193,023	1,700,000
Tennessee	QIIP	D	Mains - Relocated	26,219	26,031	26,136	26,136	18,697	12,949	275,000
Tennessee	EDI	E	Hvdrants. Valves. and Manholes - New	14,412	14,287	11,934	11,412	8,698	6,922	125,000
Tennessee	QIIP	F	Hvdrants. Valves. and Manholes - Replaced	57,882	57,978	51,570	45,584	32,393	31,654	510,188
Tennessee	None	G	Services and Laterals - New	120,829	119,862	120,379	120,285	119,754	97,114	1,300,000
Tennessee -	QIIP	H	Services and Laterals - Replaced	75,582	67,205	64,347	59,439	54,594	53,618	748,591
Tennessee	None QIIP	l J	Meters - New	36,260 180,539	34,414 180,362	25,614 233,164	21,828 236,268	18,760 186,520	18,411 52,663	300,000 1,533,973
Tennessee Tennessee	None	K	Meters - Replaced	200,843	200,843	200,843	198,718	196,467	194,999	2,382,132
Tennessee	SEC	L	ITS Equipment and Systems	1,582	28,415	1,582	27,747	1,543	26,167	170,000
Tennessee	SEC	М	SCADA Equipment and Systems	20,163	20,413	15,477	15,125	11,128	7,657	154,800
Tennessee	None	N	Security Equipment and Systems	269	269	4,569	269	269	4,675	20,000
Tennessee	None	Ö	Offices and Operations Centers Vehicles	9.400	9,400	159,400	9,400	165,589	9,211	700.000
Tennessee	None	P		5,330	5,330	25,177	5,282	5,180	22,048	135,000
Tennessee	SEC	Q.	Tools and Equipment Process Plant Facilities and Equipment	167,957	156,122	144,555	137,873	105,053	87,115	1,560,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting	291,660	291,660	291,660	223,650	120,274	16,889	2,647,939
Tennessee	None	 S	Engineering Studies	5,346	5,346	5,346	3,221	3,095	2,970	50,000
Cimessee		3			,	•	,	,	·	C
			Total Recurring Projects ACQUISITIONS	1,656,978	1,665,782	1,775,590	1,565,173	1,392,086	1,053,597	18,612,859
			Total Acquisitions	0	0	0	0	0	0	0
Tennessee	SEC QIIP QIIP SEC QIIP QIIP SEC QIIP QIIP EDI EDI SEC QIIP QIIP QIIP	126-020039 126-020040 126-020044 126-020048 126-020051 126-020055 126-020056 126-020058 126-020058 126-0200XX 126-0200XX 126-0200XX 126-0200XX 126-05000X 126-050001 126-050003	Repl Basin 1 & Plate Settlers Chlorine Gas Conversion New Raw Water Intake Citico Elder Mt Transmission Mains Replace Switch Gear - Citico Secondary Supply to Lookout Valley System Retire Basin 2 Enhanced Water Treatment Low Service Pumps & Pump Station Filter House #2 Rehab River Gorge Dr Transmission Mains River Gorge Booster Station Replace North Travelling Screen Raw Water Intake Improvements - Whitwell Replace 0.5MG Storage Tanks @ Whitwell Post Acquisition BD Capex Total Investment Projects	762,663 0 0 0 0 0 0 0 0 0 0 0 0 0 109,750 0	850,133 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	828,063 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	695,749 0 0 0 0 0 0 0 0 0 0 0 0	439,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	336,180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6,383,97: 373,15(((((((((((((((((((
			Contributions	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(240,000
			Advances	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(700,000
			Total Refunds	29,167	29,167	29,167	29,167	29,167	29,167	350,000
			Gross	\$2,619,391	\$2,595,915	\$2,683,653	\$2,340,922	\$1,951,086	\$1,489,776	\$29,092,649
		NC's Annual C	apital Planning Process	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000
Dollar amounts f	trom TAV				. , , ,					
Dollar amounts f	from TAV		Net	\$2,570,224	\$2,546,748	\$2,634,486	\$2,291,755	\$1,901,919	\$1,440,610	\$28,502,649
Dollar amounts f	from TAV		Net	\$2,570,224	\$2,546,748	\$2,634,486	\$2,291,755	\$1,901,919	\$1,440,610	\$28,502,649
Dollar amounts f	from TAV		Net Gross minus Post Acq	\$2,570,224	\$2,546,748 \$2,595,915	\$2,634,486	\$2,291,755	\$1,901,919	\$1,440,610	\$28,502,649 \$29,092,649
Dollar amounts t	from TAV					. , ,		.,,	. , ,	

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STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/11/19

Description TN BP 2020-2024 SCEP

	Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2019 SCEP Reforecast	Prior 2019 SCEP In- Serviced
1 No	1		RECURRING PROJECTS									
4 No.	2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains	0.0%	1	1.25%				\$0
State Company Compan	3	TN DV		333000	Services	0.0%	1	1.11%				0
Fig.	4	TN DV		335000	Hydrants	0.0%	1	2.30%				0
7 No.	5											
8 TN			Mains - New									
9 71												
10 17												
12 71	-				Meter Vaults		1					
12 17 18 18 18 19 19 19 19 19		TN A		335000	Hydrants	4.0%	1	2.30%				93,408
18												
1			Mains - Replaced / Restored				-					
15												·
15 78 C Mains - Uniscleduled 31001 Transmission & Distribution Mains 95 9% 1 1.25% 5.27%		TN B		335000	Hydrants	2.3%	1	2.30%				170,419
17												
18			Mains - Unscheduled				-					
19		TN C		335000	Hydrants	0.1%	1	2.30%				6,573
No.												
1			Mains - Relocated				-					
1							-					
1		TN D		335000	Hydrants	6.8%	1	2.30%				209,405
1		Th: 5	Hadarda Walan and Markalan Nam	224004	Township of British No. 144	44.50/		4.250/				255 607
			Hydrants, valves, and Mannoles - New									
26		IN E		335000	Hydrants	55.5%	1	2.30%				214,256
Page		TN F	Understa Values and Manhalas Deplaced	221001	Transmission & Distribution Mains	15 (0/	4	1 350/				205 004
29			nyurants, vaives, and iviannoles - Replaced				-					
29		IN F		335000	nyurants	84.4%	1	2.30%				1,194,019
30		TN G	Services and Laterals - New	333000	Services	100.0%	1	1 11%				1 133 000
31 TN			Scrvices and Eaterals New	333000	Scrvices	100.070	-	1.11/0				1,133,000
32		TN H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0.0%	1	1 25%				0
33 TN			Services and Editorials Replaced				-					
34							-					
35												
36							_					
37 TN												
38		TN I	Meters - New	334100	Meters	0.0%	1	7.47%				0
39		TN I		334200	Meter Installations	0.0%	1	2.73%				
A1	39											
42	40	TN J	Meters - Replaced	334100	Meters	6.6%	1	7.47%				884,306
43 TN K ITS Equipment and Systems 34020 Computer & Peripheral Equipment 0.0% 1 2.19% 0 44 45 TN L SCADA Equipment and Systems 32010 WT Equip Non-Media 0.0% 1 1.09% 268,337 46 TN L SCADA Equipment and Systems 340200 Computer & Peripheral Equipment 15.4% 1 2.19% 101,530 47 TN L Computer & Peripheral Equipment 15.4% 1 2.19% 101,530 48 TN L Computer & Peripheral Equipment 15.4% 1 1.83% 3,176 48 TN L SCADA Equipment and Systems 346100 Computer & Peripheral Equipment 15.4% 1 4.21% 991,063 50 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 51 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% <td>41</td> <td>TN J</td> <td></td> <td>334200</td> <td>Meter Installations</td> <td>93.4%</td> <td>1</td> <td>2.73%</td> <td></td> <td></td> <td></td> <td>10,071,356</td>	41	TN J		334200	Meter Installations	93.4%	1	2.73%				10,071,356
44	42											
45 TN L SCADA Equipment and Systems 32010 WT Equip Non-Media 0.0% 1 1.09% 268,337 46 TN L L 340200 Computer & Peripheral Equipment 15.4% 1 2.19% 101,530 47 TN L L 340300 Computer Software 0.5% 1 1.83% 3,176 41,119 48 TN L L 346100 Comm Equip Non-Telephone 0.0% 1 4,21% 41,119 50 TN L L Security Equipment and Systems 346100 Remote Control & Instrument 84.1% 1 4,21% 991,063 50 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 51 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 52 TN M M Security Equipment and Systems <t< td=""><td>43</td><td>TN K</td><td>ITS Equipment and Systems</td><td>340200</td><td>Computer & Peripheral Equipment</td><td>0.0%</td><td>1</td><td>2.19%</td><td></td><td></td><td></td><td>0</td></t<>	43	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
46 TN L 340200 Computer & Peripheral Equipment 15.4% 1 2.19% 101,530 47 TN L 340300 Computer & Software 0.5% 1 1.83% 3,176 48 TN L 346100 Comm Equip Non-Telephone 0.0% 1 4.21% 91,103 50 ST N Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1.98% 1 4.11% 472,227	44											
47 TN L 340300 Computer Software 0.5% 1 1.83% 3,176 48 TN L 346100 Comm Equip Non-Telephone 0.0% 1 4,21% 41,119 49 TN L 346190 Remote Control & Instrument 84.1% 1 4,21% 991,063 50 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M M 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11% 4.11%	45	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media	0.0%	1	1.09%				268,337
48 TN L 346100 Comm Equip Non-Telephone Quip Non-Telephone Remote Control & Instrument 0.0% 1 4.21% 4.21% 991,063 50 TN N Security Equipment and Systems 304100 Struct & Imp-Supply A.8% 1 1.98% 26,770 52 TN M 304200 Struct & Imp-Pumping D.0% 1 1.98% 0 53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11%	46	TN L		340200	Computer & Peripheral Equipment	15.4%	1	2.19%				101,530
49 TN L 346190 Remote Control & Instrument 84.1% 1 4.21% 991,063 50 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11% 472,227	47	TN L		340300	Computer Software	0.5%	1	1.83%				3,176
50 50 Feature State of Stat	48	TN L		346100	Comm Equip Non-Telephone	0.0%	1	4.21%				41,119
51 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11% 472,227		TN L		346190	Remote Control & Instrument	84.1%	1	4.21%				991,063
52 TN M 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11% 472,227												
53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11% 472,227			Security Equipment and Systems		Struct & Imp-Supply		1					
					Struct & Imp-Pumping	0.0%	1					
54 TN M 304400 Struct & Imp-Treatment-T&D 29.5% 1 2.13% 163,884							1					
	54	TN M		304400	Struct & Imp-Treatment-T&D	29.5%	1	2.13%				163,884

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee **Revision Date** 10/11/19

Description TN BP 2020-2024 SCEP

Total Acquisitions

107 108

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2019 SCEP Reforecast	Prior 2019 SCEP In- Serviced
55	TN	М		304500	Structures & Improvement - General	0.0%	1	1.13%				6,193
56	TN	M		340200	Computer & Peripheral Equipment	1.4%	1	2.19%				7,961
57 58	TN	М		347000	Misc Equipment	3.0%	1	6.33%				16,821
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0.0%	1	1.13%				0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				0
63 64	TN	0		341300	Transportation Equip Autos	0.0%	1	11.38%				0
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	2.1%	1	1.98%				275,326
68	TN	Q		304200	Struct & Imp-Pumping	16.3%	1	1.98%				1,155,328
69	TN	Q		304300	Struct & Imp-Treatment	11.1%	1	4.11%				792,398
70	TN	Q		304400	Struct & Imp-Treatment-T&D	0.0%	1	2.13%				25,687
71	TN	Q		304500	Structures & Improvement - General	0.6%	1	1.13%				72,324
72	TN	Q		304600	Struc &Imp-Offices	0.1%	1	1.13%				10,002
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0.0%	1	0.73%				0
74	TN	Q		306000	Lake, River & Other Intakes	3.2%	1	0.83%				225,036
75	TN	Q		309000	Supply Mains	0.0%	1	1.87%				9,862
76	TN	Q		310000	Power Generation Equip	0.3%	1	12.33%				44,304
77	TN	Q		311200	Pump Eqp Electric	1.1%	1	2.45%				94,766
78	TN	Q		311520	Pumping Equipment SOS	28.2%	1	1.83%				2,471,578
79 80	TN TN	Q Q		320100 320200	WT Equip Non-Media	25.6% 8.5%	1	1.09% 33.69%				3,624,616 1,295,270
80 81	TN	Q Q		330000	Water Trmt Equip Filter Media Dist Reservoirs & Standpipes	0.4%	1	2.08%				31,508
82	TN	Q		331001	Transmission & Distribution Mains	0.4%	1	1.25%				0
83	TN	Q		334100	Meters	0.0%	1	7.47%				0
84	TN	Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
85	TN	Q		340300	Computer Software	1.9%	1	1.83%				132,301
86	TN	Q		340330	Computer Software Other	0.0%	1	1.83%				1,300
87	TN	Q		343000	Tools, Shop, Garage Equipment	0.1%	1	6.89%				4,383
88	TN	Q		344000	Laboratory Equipment	0.1%	1	1.01%				6,519
89	TN	Q		345000	Power Operated Equipment	0.0%	1	7.03%				41,485
90	TN	Q		346190	Remote Control & Instrument	0.2%	1	4.21%				18,169
91 92	TN	Q		347000	Misc Equipment	0.3%	1	6.33%				26,273
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%	1	4.11%				0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	0.0%	1	12.06%				1,250,689
95	TN	R		320100	WT Equip Non-Media	0.0%	1	1.09%				259,932
96	TN	R		320200	Water Trmt Equip Filter Media	0.0%	1	33.69%				52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	21.3%	1	2.08%				712,333
98	TN	R		330003	Tank Repainting	34.3%	1	11.08%				1,185,131
99	TN	R		330100	Elevated Tanks & Standpipes	0.0%	1	2.74%				90,599
100 101	TN	R		330200	Ground Level Tanks	44.4%	1	2.74%				1,097,668
102 103 104	TN	S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
105			ACQUISITIONS									

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee **Revision Date** 10/11/19

Description TN BP 2020-2024 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2019 SCEP Reforecast	Prior 2019 SCEP In- Serviced
109												
110		T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				0
112 113												
										Inception to Date	2019 SCEP	
114			INVESTMENT PROJECTS							Spend	Reforecast	
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%				6,103,569
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%				2,108,898
117	TN	126-020028	Mostavistas Tractas & Handling Inner (C15.2)	346190	Remote Control & Instrument		6/1/2016	4.21%				207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%				
119	TN	126-020032 126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%				4,141,710 0
120	TN TN	126-020032		304400 304500	Struct & Imp-T&D		11/1/2015	2.13% 1.13%				1,062,411
121 122	TN	126-020032		320100	Structures & Improvement - General WT Equip Non-Media		11/1/2015 11/1/2015	1.13%				10,336,541
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%				10,336,541
123	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%				5,946
125	TN	126-020032	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%				4,163,178
126	TN	126-020034	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2019	1.09%			215,000 (
127	TN	126-020039	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%			213,000 (5,700,000
128	TN	126-020040	New Raw Water Intake Citico	320100	WT Equip Non-Media		3/15/2024	1.0570				3,700,000
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%				0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%				0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%				0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%				0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%				0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%				0
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024					0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%				0
137	TN	126-050002	, , , , , , , , , , , , , , , , , , , ,	304300	Struct & Imp-Treatment		12/29/2017	4.11%				0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%				25,260
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				171,114
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022					0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%				58,596
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%				234,540
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%				8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%				0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%				0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%				0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%				0
149												
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:							\$92,812,209
151			projections based on project costs through 2020									
152					Total DV Excluded:							\$92,812,209
153			(2) From actual or estimated in-service data provided by the	company.								
154					Total Surcharge Amt:							\$91,679,209
155												
156					SEC Total:							\$34,215,944
157												
158					EDI Total:							\$2,988,947
159												. ,,
160					QIIP Total:							\$54,474,318

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/11/19

Description TN BP 2020-2024 SCEP

Line #	Business Unit	Project Title	Account	Account Description	Portion to	In-Service	Dep Rate	Prior Year Period 11	Prior Year Period 12	2019 SCEP	Prior 2019 SCEP In-
Lille #	No.	Project fide	Account	Account Description	Account	(Months) (2)	Deb vare	Spend	Spend	Reforecast	Serviced

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/11/19
Description TN BP 2020-2024 SCEP

					_						
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services	0	0	0	0	0	0
4	TN	DV		335000	Hydrants	0	0	0	0	0	0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	204,566	207,750	208,468	211,871	214,213	219,459
7	TN	Α		331001	Transmission & Distribution Mains	2,170,678	2,197,362	2,203,383	2,231,904	2,251,529	2,295,496
8	TN	Α		333000	Services	14,813	14,994	15,035	15,228	15,362	15,660
9	TN	Α		334300	Meter Vaults	35,531	36,084	36,209	36,800	37,206	38,118
10	TN	Α		335000	Hydrants	93,408	94,685	94,974	96,339	97,279	99,384
11											
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	7,608,597	7,782,201	8,012,364	8,245,459	8,504,760	8,765,443
13	TN	В		333000	Services	797,826	816,529	841,326	866,438	894,373	922,457
14	TN	В		335000	Hydrants	174,543	178,982	184,868	190,828	197,459	204,125
15											
16	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains	9,285,743	9,470,473	9,638,105	9,768,807	9,895,812	10,007,697
17	TN	С		335000	Hydrants	6,731	6,899	7,052	7,171	7,286	7,388
18		_									
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	4,162,143	4,177,306	4,203,056	4,229,666	4,256,849	4,279,486
20	TN	D		333000	Services	52,790	53,074	53,557	54,055	54,564	54,989
21	TN	D		335000	Hydrants	210,123	211,243	213,144	215,109	217,116	218,788
22 23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	258,535	261,578	264,871	269,709	274,878	281,216
24	TN	E	nyurants, vaives, and ivialinoles - New	335000	Hydrants	217,794	221,588	225,693	231,724	238,169	246,070
25	IIV	E		333000	nyulalits	217,794	221,300	223,093	231,724	230,109	240,070
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	269,486	274,046	279,111	286,139	293,294	302,217
27	TN	F	Trydrams, varves, and mannoles Replaced	335000	Hydrants	1,213,530	1,238,228	1,265,661	1,303,727	1,342,480	1,390,812
28				333000	Trydrants	1,213,330	1,230,220	1,203,001	1,303,727	1,342,400	1,330,012
29	TN	G	Services and Laterals - New	333000	Services	1,218,809	1,309,680	1,406,143	1,514,857	1,624,323	1,734,776
30						_,,	_,,	_, ,	_,,	-//	_,,
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32	TN	н		333000	Services	2,753,195	2,804,413	2,859,449	2,915,754	2,975,071	3,044,349
33	TN	н		334100	Meters	41,423	42,550	43,762	45,001	46,307	47,832
34	TN	н		334200	Meter Installations	124,187	127,568	131,200	134,916	138,830	143,403
35	TN	н		334300	Meter Vaults	29,980	30,796	31,673	32,570	33,515	34,619
36											
37	TN	1	Meters - New	334100	Meters	0	0	0	0	0	0
38	TN	1		334200	Meter Installations	0	0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	886,163	888,143	890,219	892,646	903,520	914,926
41	TN	J		334200	Meter Installations	10,097,660	10,125,714	10,155,132	10,189,514	10,343,587	10,505,193
42											
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
44											
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
46	TN	L		340200	Computer & Peripheral Equipment	101,530	105,214	105,431	109,700	109,939	114,312
47	TN	L		340300	Computer Software	3,176	3,291	3,298	3,432	3,439	3,576
48	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
49	TN	L		346190	Remote Control & Instrument	991,063	1,011,172	1,012,358	1,035,666	1,036,971	1,060,844
50										****	
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	27,077	27,454	27,953	28,488	29,183	29,889
52	TN	M		304200	Struct & Imp-Pumping	0	0	0	0	0	0
53	TN	M		304300	Structures & Improvement - Treatment	476,133	480,920	487,277	494,075	502,922	511,904
54	TN	M		304400	Struct & Imp-Treatment-T&D	165,763	168,066	171,125	174,396	178,653	182,974

Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/11/19
Description TN BP 2020-2024 SCEP

106 107

108

Total Acquisitions

Description	TN BP 2020-20	J24 SCEP		_	Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period							
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6		
55 TI	N M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193		
56 TI	N M		340200	Computer & Peripheral Equipment	8,052	8,164	8,313	8,472	8,679	8,888		
57 TI	N M		347000	Misc Equipment	17,014	17,250	17,564	17,900	18,337	18,780		
58 59 TI	N N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0		
60	N N	Offices and Operations Centers	304300	Structures & Improvement - General	U	U	U	U	Ü	U		
61 TI	N O	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0		
62 TI	N O		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0		
63 TI	N O		341300	Transportation Equip Autos	0	0	0	0	0	0		
65 TI	N P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0		
66 67 TI	N Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	277,209	279,317	281,668	284,764	288,025	291,677		
68 TI		Process Plant Facilities and Equipment	304200	Struct & Imp-Supply Struct & Imp-Pumping	1,169,588	1,185,552	1,203,359	1,226,803	1,251,494	1,279,155		
69 TI			304300	Struct & Imp-Pumping Struct & Imp-Treatment	802,090	812,941	825,044	840,979	857,762	876,563		
70 TI			304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	25,688	25,688	25,689	25,689	25,690	25,691		
70 II			304500	Structures & Improvement - General	72,874	73,491	74,178	75,084	76,037	77,105		
71 II			304600	Structures & Improvement - General Struc &Imp-Offices	10,125	10,264	10,418	10,621	10,834	11,074		
72 TI			304700	Struct & Imp-Store, Shop, Garage	0	10,264	10,418	10,621	10,654	11,074		
74 TI			306000	Lake, River & Other Intakes	227,813	230,923	234,391	238,958	243,767	249,155		
75 TI			309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862		
76 TI			310000	Power Generation Equip	44,541	44,807	45,103	45,494	45,905	46,365		
70 TI			311200	Pump Eqp Electric	95,703	96,752	97,922	99,462	101,085	102,902		
78 TI			311520	Pumping Equipment SOS	2,496,342	2,524,069	2,554,995	2,595,713	2,638,595	2,686,635		
79 TI			320100	WT Equip Non-Media	3,647,057	3,672,181	3,700,206	3,737,103	3,775,962	3,819,494		
75 TI			320200	Water Trmt Equip Filter Media	1,302,692	1,311,002	1,320,270	1,332,474	1,345,326	1,359,724		
81 TI			330000	Dist Reservoirs & Standpipes	31,897	32,333	32,818	33,458	34,131	34,885		
82 TI			331001	Transmission & Distribution Mains	0	0	0	0	0	0		
83 TI			334100	Meters	0	0	0	0	0	0		
84 TI			340200	Computer & Peripheral Equipment	0	0	0	0	0	0		
85 TI	N Q		340300	Computer Software	133,934	135,762	137,801	140,486	143,313	146,480		
86 TI	N Q		340330	Computer Software Other	1,317	1,335	1,355	1,381	1,409	1,440		
87 TI	N Q		343000	Tools, Shop, Garage Equipment	4,437	4,498	4,565	4,654	4,748	4,853		
88 TI	N Q		344000	Laboratory Equipment	6,599	6,689	6,790	6,922	7,061	7,218		
89 TI	N Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485		
90 TI	N Q		346190	Remote Control & Instrument	18,350	18,553	18,779	19,076	19,390	19,741		
91 TI 92	N Q		347000	Misc Equipment	26,501	26,756	27,041	27,416	27,811	28,253		
93 TI	N R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0		
94 TI	N R	_	304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689		
95 TI	N R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932		
96 TI	N R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740		
97 TI			330000	Dist Reservoirs & Standpipes	712,333	767,973	826,894	889,095	951,297	1,013,499		
98 TI			330003	Tank Repainting	1,185,131	1,274,526	1,369,192	1,469,131	1,569,069	1,669,007		
99 TI			330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,600	90,600	90,600		
100 TI 101	N R		330200	Ground Level Tanks	1,097,668	1,213,523	1,336,211	1,465,731	1,595,252	1,724,772		
102 TI 103	N S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains	0	0	0	0	0	0		
104 105		ACQUISITIONS										

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/11/19

Description TN BP 2020-2024 SCEP

Descrip	tion	TN BP 2020-20	24 SCEP		_		Cumulative Bala	ance of In-Serviced	d Plant, from 2020 C	apex, by Period	
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
109											
110		T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
112 113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028		320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	5,864,625	5,968,888	6,073,150	6,073,150	6,073,150	6,073,150
128	TN	126-020044	New Raw Water Intake Citico			0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	759,050	759,050
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	0	0	0	1,108,100	1,108,100	1,108,100
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	0	1,107,380	1,107,380	1,107,380	1,107,380	1,107,380
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	0	0	0	309,136	528,636	638,386
135	TN	126-050001	Raw Water Intake Improvements Whitwell	300000	zake, hiver a other makes	0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0
137	TN	126-050002	ruemey opposes at whiteen whi	304300	Struct & Imp-Treatment	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	25,260	25,260	25,260	25,260	25,260	25,260
139	TN	126-050002		320100	WT Equip Non-Media	171,114	171,114	171,114	171,114	171,114	171,114
140		126-050002		346190	Remote Control & Instrument	13,481	13,481	13,481	13,481	13,481	13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	340130	nemote control & instrument	0	0	15,401	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596
143	TN	126-050004	Replace 6.1 We Storage rank at Willewell	330200	Ground Level Tanks	234,540	234,540	234,540	234,540	234,540	234,540
144		126-050004		346190	Remote Control & Instrument	8,830	8,830	8,830	8,830	8,830	8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0,030	0,030	0,030	0,030	0	0,030
146		126-000001	William Acquisition Capital Investment	320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
148		126-000001		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
149	114	120-000001		340200	computer & rempheral Equipment	U	U	O	U	· ·	U
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:						
					Total 27 meladeal						
151			projections based on project costs through 2020		Total DV Excluded:						
152					Total DV Excluded:						
153			(2) From actual or estimated in-service data provided by the	company.							
154					Total Surcharge Amt:						
155											
156					SEC Total:						
157											
158					EDI Total:						
159											
160					QIIP Total:						

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/11/19

Description TN BP 2020-2024 SCEP

•					Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period						
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6	

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/11/19
Description TN RP 2020-2024 SCEP

 Description
 TN BP 2020-2024 SCEP

		_		Cumulative Balance of In-Serviceu Plant, from 2020 Capex, by Period							
Line #	E	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services	0	0	0	0	0	0
4	TN	DV		335000	Hydrants	0	0	0	0	0	0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	221,998	227,721	228,159	231,656	231,844	234,528
7	TN	Α		331001	Transmission & Distribution Mains	2,316,773	2,364,733	2,368,405	2,397,712	2,399,286	2,421,785
8	TN	Α		333000	Services	15,805	16,130	16,155	16,354	16,365	16,517
9	TN	Α		334300	Meter Vaults	38,558	39,552	39,629	40,236	40,269	40,735
10 11	TN	Α		335000	Hydrants	100,402	102,698	102,874	104,277	104,353	105,430
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	9,027,509	9,266,133	9,503,374	9,739,233	9,928,209	10,094,654
13	TN	В		333000	Services	950,691	976,398	1,001,957	1,027,367	1,047,726	1,065,658
14 15	TN	В		335000	Hydrants	210,826	216,928	222,995	229,026	233,858	238,114
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	10,127,870	10,247,809	10,368,281	10,488,794	10,616,701	10,809,549
17 18	TN	С		335000	Hydrants	7,497	7,606	7,716	7,825	7,941	8,117
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	4,303,484	4,327,309	4,351,230	4,375,152	4,392,265	4,404,117
20	TN	D		333000	Services	55,438	55,884	56,333	56,781	57,101	57,323
21 22	TN	D		335000	Hydrants	220,560	222,319	224,086	225,852	227,115	227,991
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	287,631	293,991	299,302	304,382	308,253	311,335
24 25	TN	E	,	335000	Hydrants	254,067	261,995	268,617	274,949	279,776	283,617
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	311,238	320,274	328,311	335,415	340,464	345,397
27 28	TN	F		335000	Hydrants	1,439,674	1,488,616	1,532,149	1,570,629	1,597,973	1,624,693
29 30	TN	G	Services and Laterals - New	333000	Services	1,855,606	1,975,468	2,095,847	2,216,132	2,335,886	2,433,000
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32	TN	н	·	333000	Services	3,112,814	3,173,691	3,231,979	3,285,821	3,335,275	3,383,845
33	TN	Н		334100	Meters	49,339	50,680	51,963	53,148	54,237	55,306
34	TN	Н		334200	Meter Installations	147,921	151,939	155,786	159,339	162,603	165,808
35 36	TN	н		334300	Meter Vaults	35,710	36,680	37,608	38,466	39,254	40,028
37	TN	1	Meters - New	334100	Meters	0	0	0	0	0	0
38 39	TN	I		334200	Meter Installations	0	0	0	0	0	0
40	TN	1	Meters - Replaced	334100	Meters	926,829	938,720	954,091	969,668	981,965	985,437
41 42	TN	J		334200	Meter Installations	10,673,829	10,842,301	11,060,093	11,280,784	11,455,008	11,504,198
43 44	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
46	TN	L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	114,556	118,933	119,177	123,452	123,690	127,721
47	TN	L		340300	Computer & Peripheral Equipment Computer Software	3,584	3,721	3,728	3,862	3,869	3,996
48	TN	Ĺ		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
49 50	TN	Ĺ		346190	Remote Control & Instrument	1,062,175	1,086,075	1,087,406	1,110,745	1,112,043	1,134,052
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply	30,860	31,845	32,590	33,319	33,854	34,223
52	TN	M		304200	Struct & Imp-Pumping	0	0	0	0	0	0
53	TN	M		304300	Structures & Improvement - Treatment	524,255	536,798	546,279	555,544	562,360	567,051
54	TN	M		304400	Struct & Imp-Treatment-T&D	188,917	194,952	199,514	203,971	207,251	209,508

Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/11/19

Description TN BP 2020-2024 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
55	TN	М		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
56	TN	M		340200	Computer & Peripheral Equipment	9,177	9,470	9,692	9,908	10,068	10,177
57 58	TN	М		347000	Misc Equipment	19,390	20,010	20,478	20,935	21,272	21,504
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos	0	0	0	0	0	0
64 65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0
66 67	TN	Q	December Diget Facilities and Facilities	304100	Charlet S. Inna Connello	295,284	298,638	301,742	304,703	306,960	308,831
68	TN	Q	Process Plant Facilities and Equipment	304200	Struct & Imp-Supply Struct & Imp-Pumping	1,306,472	1,331,865	1,355,376	1,377,801	1,394,887	1,409,056
69	TN	Q		304200	Struct & Imp-Fumping Struct & Imp-Treatment	895,130	912,389	928,370	943,612	955,226	964,856
70	TN	Q		304400	Struct & Imp-Treatment-T&D	25,692	25,692	25,693	25,694	25,694	25,695
71	TN	Q		304500	Structures & Improvement - General	78,160	79,140	80,048	80,914	81,574	82,121
72	TN	Q		304600	Struc &Imp-Offices	11,310	11,530	11,734	11,928	12,076	12,198
73	TN	à		304700	Struct & Imp-Store, Shop, Garage	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	254,476	259,422	264,002	268,369	271,698	274,457
75	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	46,820	47,243	47,635	48,008	48,293	48,528
77	TN	Q		311200	Pump Eqp Electric	104,697	106,366	107,911	109,384	110,507	111,438
78	TN	Q		311520	Pumping Equipment SOS	2,734,079	2,778,180	2,819,014	2,857,960	2,887,636	2,912,244
79	TN	Q		320100	WT Equip Non-Media	3,862,487	3,902,450	3,939,452	3,974,744	4,001,634	4,023,933
80	TN	Q		320200	Water Trmt Equip Filter Media	1,373,944	1,387,161	1,399,399	1,411,072	1,419,966	1,427,341
81	TN	Q		330000	Dist Reservoirs & Standpipes	35,630	36,323	36,964	37,576	38,042	38,428
82	TN	Q		331001	Transmission & Distribution Mains	0	0	0	0	0	0
83	TN	Q		334100	Meters	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
85 86	TN TN	Q		340300	Computer Software	149,609	152,517 1,499	155,209	157,777 1,551	159,733	161,356 1,586
86 87	TN	Q Q		340330 343000	Computer Software Other Tools, Shop, Garage Equipment	1,471 4,957	5,053	1,526 5,142	5,227	1,570 5,292	5,346
88	TN	Q		344000	Laboratory Equipment	7,372	7,515	7,648	7,774	7,871	7,950
89	TN	Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485
90	TN	Q		346190	Remote Control & Instrument	20,088	20,410	20,709	20,993	21,210	21,390
91 92	TN	Q		347000	Misc Equipment	28,690	29,096	29,472	29,831	30,104	30,331
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0
94	TN	R	· · · · · ·	304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
95	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
96	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	1,075,701	1,137,903	1,200,105	1,247,802	1,273,453	1,277,055
98	TN	R		330003	Tank Repainting	1,768,945	1,868,883	1,968,822	2,045,456	2,086,668	2,092,455
99	TN	R		330100	Elevated Tanks & Standpipes	90,600	90,600	90,600	90,600	90,600	90,600
100	TN	R		330200	Ground Level Tanks	1,854,292	1,983,812	2,113,332	2,212,650	2,266,061	2,273,561
101 102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0	0	0	0	0	0
103	IIN	3	Total Recurring Projects	331001	Halishiission & Distribution Mains	Ü	U	U	Ü	U	U
104 105 106			ACQUISITIONS								
106 107 108			Total Acquisitions								

Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

 Business Unit
 Tennessee

 Revision Date
 10/11/19

 Description
 TN BP 2020-2024 SCEP

					-						-
Line #		Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
109											
110		T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
111 112	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
113											
444			ANY COTA CONT. DOG LEGIC								
114 115	TN	126-020028	INVESTMENT PROJECTS Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028	Citico Plant Improvements Phase 16 (58.0)	320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032	wastewater freatiff & flanding impr (\$15.5)	304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	.,1.1,,10	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	6,262,795	6,598,975
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	6,073,150	6,073,150	6,073,150	6,073,150	6,073,150	6,073,150
128	TN	126-020044	New Raw Water Intake Citico			0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	759,050	759,050	759,050	759,050	759,050	759,050
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	1,108,100	1,108,100	1,108,100	1,108,100	1,108,100	1,108,100
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	1,107,380	1,107,380	1,107,380	1,107,380	1,107,380	1,107,380
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	748,136	748,136	748,136	748,136	748,136	748,136
135	TN	126-050001	Raw Water Intake Improvements Whitwell			0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	25,260	25,260	25,260	25,260	25,260	25,260
139	TN	126-050002		320100	WT Equip Non-Media	171,114	171,114	171,114	171,114	171,114	171,114
140	TN	126-050002	Parlam OF MC Character Table at M/C and II (C.F.)	346190	Remote Control & Instrument	13,481	13,481	13,481	13,481	13,481	13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	204400	Charact & Inna Transfer and T&D	0	0	0	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596
143 144	TN TN	126-050004 126-050004		330200 346190	Ground Level Tanks Remote Control & Instrument	234,540 8,830	234,540 8,830	234,540 8,830	234,540 8,830	234,540 8,830	234,540 8,830
144	TN	126-030004	Whitwell Acquisition Capital Investment	346190	Transmission & Distribution Mains	8,830	8,830	8,830	8,830	8,830	8,830
146	TN	126-000001	William Acquisition Capital Investment	320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
148		126-000001		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
149		120 000001		340200	computer & remplieral Equipment	· ·	Ü	· ·	· ·	Ü	Ü
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:					-	\$117,532,727
151			projections based on project costs through 2020							•	VIII/JUUL//11
152			projections based on project costs through 2020		Total DV Excluded:					-	\$117,532,727
153			(2) From actual or estimated in-service data provided by the	company							VIII/JUUZ//Z/
154			(2) From actual or estimated in-service data provided by the	company.	Total Surcharge Amt:					-	\$115,099,727
					Total Salcharge Amt.					=	3113,033,727
155 156					SEC Total:					-	\$37,222,029
					SEC TOTAL:					•	\$37,222,029
157					PDIT : 1					-	ĆE (20 427
158					EDI Total:						\$5,629,427
159					av== : .					-	472 240 271
160					QIIP Total:					-	\$72,248,271

Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/11/19

Description TN BP 2020-2024 SCEP

			Cumulative Balanc	e of In-Serviced Pl	ant, from 2020 Cap	ex, by Period				
Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

 Business Unit
 Tennessee

 Revision Date
 10/11/19

 Description
 TN BP 2020-2024 SCEP

2020

Line #	I	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		0	0	0	0	0
4	TN	DV		335000	Hydrants		0	0	0	0	0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	218,985	0	0	4,664	0
7	TN	Α		331001	Transmission & Distribution Mains	EDI	2,291,517	0	0	28,644	0
8	TN	Α		333000	Services	EDI	15,633	0	0	174	0
9	TN	A		334300	Meter Vaults	EDI	38,035	0	0	1,038	0
10	TN	Α		335000	Hydrants	EDI	99,193	0	0	2,281	0
11 12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	8,763,481	(485,871)	0	103,470	232,018
13	TN	В	Mains - Replaced / Restored	333000	Services	QIIP	922,246	(3,219)	0	103,470	62,476
14	TN	В		335000	Hydrants	QIIP	204,075	(2,422)	0	4,638	1,093
15		, ,		333000	Trydrants	QIII	204,073	(2,422)	Ü	4,030	1,055
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	9,987,441	(2,033,992)	0	99,418	1,068,849
17	TN	c	mans onscience	335000	Hydrants	QIIP	7,369	(2,033,332)	0	169	0
18					,		,				
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	4,278,037	(299,093)	(2,138,244)	23,009	134,150
20	TN	D		333000	Services	QIIP	54,961	0	(29,877)	278	50,834
21	TN	D		335000	Hydrants	QIIP	218,681	(64,148)	(118,055)	839	0
22											
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	282,414	0	0	3,530	0
24	TN	E		335000	Hydrants	EDI	247,563	(882)	(58,274)	4,333	933
25											
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	303,944	(47,202)	0	3,209	58,853
27	TN	F		335000	Hydrants	QIIP	1,400,168	(214,814)	(14,227)	26,936	121,067
28		_									
29	TN	G	Services and Laterals - New	333000	Services		1,757,964	0	0	19,513	0
30			Contract of the Contract	224004	Township of District No. 144	0110	0	(7.500)	0	(05)	4 240
31 32	TN TN	H H	Services and Laterals - Replaced	331001 333000	Transmission & Distribution Mains Services	QIIP QIIP	3,044,723	(7,589) (201,225)	0	(95) 31,563	1,340 622,367
33	TN	Н		334100	Meters	QIIP	3,044,723 47,841	(16,328)	0	2,354	12,259
34	TN	Н		334200	Meter Installations	QIIP	143,427	(5,009)	0	3,779	877
35	TN	н		334200	Meter Vaults	QIIP	34,625	(5,009)	0	945	1,496
36	114			334300	Wieter Vaurts	QIIF	34,023	O	U	343	1,430
37	TN	1	Meters - New	334100	Meters		0	0	0	0	0
38	TN	i		334200	Meter Installations		0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	QIIP	924,356	(3,528,729)	0	(194,547)	364,926
41	TN	J	•	334200	Meter Installations	QIIP	10,638,798	(896,256)	0	265,971	1,607,877
42											
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0	0	0	0
44											
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	268,337	(18,368)	0	2,725	10,453
46	TN	L		340200	Computer & Peripheral Equipment	SEC	113,476	0	0	2,485	2,449
47	TN	L		340300	Computer Software	SEC	3,550	0	0	65	0
48	TN	L		346100	Comm Equip Non-Telephone	SEC	41,119	0	0	1,731	0
49	TN	L		346190	Remote Control & Instrument	SEC	1,056,280	(204,120)	0	35,876	95,939
50								_	_		_
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	30,270	0	0	599	0
52	TN	M		304200	Struct & Imp-Pumping	SEC	0	(17,678)	0	(350)	4,187
53	TN	M		304300	Structures & Improvement - Treatment	SEC	516,750	(37,713)	0	19,688	22,861
54	TN	M		304400	Struct & Imp-Treatment-T&D	SEC	185,306	0	0	3,947	0

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Line #	I	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
55	TN	M		304500	Structures & Improvement - General	SEC	6,193	0	0	70	0
56	TN	M		340200	Computer & Peripheral Equipment	SEC	9,002	0	0	197	0
57	TN	M		347000	Misc Equipment	SEC	19,019	0	0	1,204	0
58											
59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0	0	0	0
60											
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		0	0	0	0	0
64 65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	291,857	0	0	5,779	874
68	TN	Q	Process Flant Facilities and Equipment	304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC	1,280,518	(122,008)	0	22,939	42,639
69	TN	Q		304300	Struct & Imp-Treatment	SEC	877,489	(182,336)	0	28,571	81,249
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	25,691	(102,550)	0	547	01,243
71	TN	Q		304500	Structures & Improvement - General	SEC	77,158	0	0	872	277
72	TN	à		304600	Struc &Imp-Offices	SEC	11,086	0	0	125	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	0	(7,869)	0	(57)	1
74	TN	Q		306000	Lake, River & Other Intakes	SEC	249,421	(73,272)	0	1,462	12,355
75	TN	Q		309000	Supply Mains	SEC	9,862	0	0	184	0
76	TN	Q		310000	Power Generation Equip	SEC	46,388	0	0	5,720	115
77	TN	Q		311200	Pump Eqp Electric	SEC	102,992	(228,733)	0	(3,081)	70,717
78	TN	Q		311520	Pumping Equipment SOS	SEC	2,689,003	(85,066)	0	47,652	62,022
79	TN	Q		320100	WT Equip Non-Media	SEC	3,821,640	(914,315)	0	31,690	792,073
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	1,360,434	(492,152)	0	292,524	460,312
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	34,923	0	0	726	0
82	TN	Q		331001	Transmission & Distribution Mains	SEC	0	(1,011)	0	(13)	237
83	TN	Q		334100	Meters	SEC	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	0	0	0	0	105
85	TN	Q		340300	Computer Software	SEC	146,637	0	0	2,683	0
86	TN	Q		340330	Computer Software Other	SEC	1,441	0	0	26	0
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	4,858	(3,994)	0	60	0
88	TN	Q		344000	Laboratory Equipment	SEC	7,225	(151,566)	0	(1,458)	1,876
89	TN	Q		345000	Power Operated Equipment	SEC	41,485	(11,283)	0	2,123	1,676
90	TN	Q		346190	Remote Control & Instrument	SEC	19,758	(4,578)	0	639	0
91 92	TN	Q		347000	Misc Equipment	SEC	28,275	(5,561)	0	1,438	3,451
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	0	(94,900)	0	(3,900)	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,250,689	(170,157)	0	130,312	661,770
95	TN	R		320100	WT Equip Non-Media	QIIP	259,932	(123,785)	0	1,484	89,500
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	52,740	(36,378)	0	5,512	206,460
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	1,006,573	0	0	20,937	0
98	TN	R		330003	Tank Repainting	QIIP	1,657,878	(308,891)	0	149,468	580,347
99 100	TN TN	R R		330100 330200	Elevated Tanks & Standpipes Ground Level Tanks	QIIP QIIP	90,600 1,710,349	0 (446)	0	2,482 46,851	0 977
	IIN	к		330200	Ground Level Tanks	QIIP	1,/10,349	(440)	U	40,851	9//
101 102 103	TN	S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains		0	0	0	0	0
104			• •								
105 106			ACQUISITIONS								
107 108			Total Acquisitions								

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

 Business Unit
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 Description
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Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
109											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0	0	0	0
112											
113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	6,103,569	0	0	250,857	0
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	2,108,898	(47,846)	0	22,465	850,267
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	207,335	0	0	8,729	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	0	(14,622)	0	(290)	243,354
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	4,141,710	(54,346)	0	167,991	1,535,662
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	1,062,411	0	0	12,005	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	10,336,541	(305)	0	112,665	577
123	TN	126-020032		330200	Ground Level Tanks	SEC	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	SEC	5,946	0	0	376	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	4,163,178	0	0	52,040	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	989,367	(1,158,137)	0	(1,840)	750,000
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	6,020,386	(155,763)	0	63,924	50,000
128	TN	126-020044	New Raw Water Intake Citico			SEC	0	, , ,	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	0	(2,607)	0	(107)	1,000,000
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	0	(4,089)	0	(45)	500,000
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	467,108	0	0	19,198	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	767,146	0	0	9,589	0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Egp Electric	EDI	937,013	0	0	22,957	0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	458,844	0	0	3,808	0
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP	0	•	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	0	(76,471)	0	(1,514)	92,478
137	TN	126-050002	,	304300	Struct & Imp-Treatment	SEC	0	(733)	0	(30)	2,475
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	25,260	0	0	538	0
139	TN	126-050002		320100	WT Equip Non-Media	SEC	171,114	0	0	1,865	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	13,481	(6,125)	0	310	5,279
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	310130	nemote control a morament	QIIP	0	(0,123)	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	58,596	0	0	1,248	0
143	TN	126-050004	Replace 0.1 WG Storage Tank at Willewell	330200	Ground Level Tanks	SEC	234,540	(3,369)	0	6,334	26,100
144	TN	126-050004		346190	Remote Control & Instrument	SEC	8,830	(5,505)	0	372	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	0,050	· ·	0	0	0
146	TN	126-000001	whiteen Acquisition capital investment	320200	Water Trmt Equip Filter Media	QIIP	0		0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	0		0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	0		0	0	0
149	114	120-000001		340200	computer & reripheral Equipment	QIII	U		U	· ·	U
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:		\$103,612,951	(\$12,627,372)	(\$2,358,677)	\$2,062,300	\$12,602,529
			- · ·		Total 27 metadean		3103,012,331	(312,027,372)	(32,338,077)	32,002,300	\$12,002,323
151			projections based on project costs through 2020		Total DV Excluded:		4	(440.000.000)	(40.000.000)		*** ***
152					Total DV Excluded:		\$103,612,951	(\$12,627,372)	(\$2,358,677)	\$2,062,300	\$12,602,529
153			(2) From actual or estimated in-service data provided by the	company.							
154					Total Surcharge Amt:		\$101,854,987	(\$12,627,372)	(\$2,358,677)	\$2,042,787	\$12,602,529
155											
156					SEC Total:		\$35,915,099	(\$2,873,357)	\$0	\$878,992	\$3,621,793
157											
158					EDI Total:		\$4,897,499	(\$882)	(\$58,274)	\$77,211	\$933
159								<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	<u> </u>		
160					QIIP Total:		\$61,042,389	(\$9,753,133)	(\$2,300,403)	\$1,086,583	\$8,979,803
200					Çin Total.		Ç31,072,303	(43,133,133)	(42,300,403)	42,000,000	Ç0,373,003

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

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Line #	Business Unit	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement	Average CIAC	Depreciation Expense	Average Cost of Removal Less
	No.					Service	Duningto Out A		Expense	Calman

2020

Projects Only)

Salvage

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
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Line #		Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation
1			RECURRING PROJECTS				
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$0
3	TN	DV	·,···· · · · · · · · · · · · · · · · ·	333000	Services		0
4	TN	DV		335000	Hydrants		0
5				333000	, a.a.i.c.		
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		(5,756)
7	TN	Α		331001	Transmission & Distribution Mains		(66,235)
8	TN	A		333000	Services		(453)
9	TN	A		334300	Meter Vaults		(2,656)
10	TN	A		335000	Hydrants		(5,323)
11		~		333000	riyarants		(3,323)
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		(279,657)
13	TN	В		333000	Services		(25,059)
14	TN	В		335000	Hydrants		(11,574)
15		_			,		(==/=: :/
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		(332,096)
17	TN	C		335000	Hydrants		(630)
18					,		. ,
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		(79,715)
20	TN	D		333000	Services		(698)
21	TN	D		335000	Hydrants		2,617
22					,		•
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		(11,327)
24	TN	E	•	335000	Hydrants		(9,954)
25					,		* * * *
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		(9,931)
27	TN	F	,, , , , , , , , , , , , , , , , , , , ,	335000	Hydrants		(80,119)
28					,		(,
29	TN	G	Services and Laterals - New	333000	Services		(16,061)
30							
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		201
32	TN	н	·	333000	Services		(100,088)
33	TN	н		334100	Meters		(3,859)
34	TN	н		334200	Meter Installations		(5,776)
35	TN	н		334300	Meter Vaults		(1,324)
36							
37	TN	1	Meters - New	334100	Meters		0
38	TN	1		334200	Meter Installations		0
39							
40	TN	J	Meters - Replaced	334100	Meters		252,045
41	TN	J		334200	Meter Installations		(600,474)
42							
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0
44							
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		(16,957)
46	TN	L		340200	Computer & Peripheral Equipment		(5,920)
47	TN	L		340300	Computer Software		(88)
48	TN	L		346100	Comm Equip Non-Telephone		(10,508)
49	TN	L		346190	Remote Control & Instrument		(132,424)
50							
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply		(1,203)
52	TN	M		304200	Struct & Imp-Pumping		988
53	TN	M		304300	Structures & Improvement - Treatment		(53,727)
54	TN	М		304400	Struct & Imp-Treatment-T&D		(7,292)

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55	TN	М		304500	Structures & Improvement - General		(385)
56	TN	M		340200	Computer & Peripheral Equipment		(392)
57 58	TN	М		347000	Misc Equipment		(1,611)
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		0
63	TN	0		341300	Transportation Equip Autos		0
64 65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0
66		_					(20.505)
67	TN TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		(28,507)
68 69	TN	Q Q		304200 304300	Struct & Imp-Pumping Struct & Imp-Treatment		(56,720) (52,911)
70	TN	Q		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D		(2,504)
70	TN	Q		304500	Structures & Improvement - General		(3,031)
72	TN	Q		304600	Struc &Imp-Offices		(304)
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		292
74	TN	Q		306000	Lake, River & Other Intakes		(2,976)
75	TN	Q		309000	Supply Mains		(1,091)
76	TN	Q		310000	Power Generation Equip		(25,734)
77	TN	Q		311200	Pump Eqp Electric		8,892
78	TN	Q		311520	Pumping Equipment SOS		(132,648)
79	TN	Q		320100	WT Equip Non-Media		(120,409)
80	TN	Q		320200	Water Trmt Equip Filter Media		(995,628)
81	TN	Q		330000	Dist Reservoirs & Standpipes		(1,884)
82	TN	Q		331001	Transmission & Distribution Mains		33
83	TN	Q		334100	Meters		0
84	TN	Q		340200	Computer & Peripheral Equipment		0
85 86	TN TN	Q Q		340300 340330	Computer Software Computer Software Other		(6,938) (68)
87	TN	Q		343000	Tools, Shop, Garage Equipment		(187)
88	TN	Q		344000	Laboratory Equipment		8,246
89	TN	Q		345000	Power Operated Equipment		(11,697)
90	TN	à		346190	Remote Control & Instrument		(1,379)
91 92	TN	Q		347000	Misc Equipment		(3,418)
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		21,157
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		(581,954)
95	TN	R		320100	WT Equip Non-Media		(44,546)
96	TN	R		320200	Water Trmt Equip Filter Media		(23,957)
97	TN	R		330000	Dist Reservoirs & Standpipes		(41,303)
98	TN	R		330003	Tank Repainting		(288,215)
99	TN	R		330100	Elevated Tanks & Standpipes		(9,452)
100 101	TN	R		330200	Ground Level Tanks		(64,762)
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0
103			Total Recurring Projects				
104							
105			ACQUISITIONS				
106 107 108			Total Acquisitions				

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Business Unit Tennessee
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Line #		Business Unit No.	Project Title	Account	Account Description	NOTES	Average Accum Depreciation
109							
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0
112							
113							
114			INVESTMENT PROJECTS				
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		(1,016,953)
116	TN	126-020028		320100	WT Equip Non-Media		(90,673)
117	TN	126-020028		346190	Remote Control & Instrument		(25,860)
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		903
119	TN	126-020032		304300	Struct & Imp-Treatment		(581,834)
120	TN	126-020032		304400	Struct & Imp-T&D		0
121	TN	126-020032		304500	Structures & Improvement - General		(180,217)
122	TN	126-020032		320100	WT Equip Non-Media		(453,260)
123	TN	126-020032		330200	Ground Level Tanks		(1,730)
124	TN	126-020032	Towns Divergence	347000	Misc Equipment		(2,855)
125	TN	126-020034	Tennessee River Crossing	331001 320100	Transmission & Distribution Mains		(50,038)
126 127	TN TN	126-020039 126-020040	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		920
127	TN	126-020040	Chlorine Gas Conversion New Raw Water Intake Citico	320100	WT Equip Non-Media		(41,293)
129	TN	126-020044	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		62
130	TN	126-020045	Retire Basin 2	320100	WT Equip Non-Media		22
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		(9,599)
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		(4,795)
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		(11,478)
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		(1,904)
135	TN	126-050001	Raw Water Intake Improvements Whitwell		,		0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		3,669
137	TN	126-050002		304300	Struct & Imp-Treatment		73
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		(848)
139	TN	126-050002		320100	WT Equip Non-Media		(3,421)
140	TN	126-050002		346190	Remote Control & Instrument		(8,713)
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		(2,750)
143	TN	126-050004		330200	Ground Level Tanks		(14,020)
144	TN	126-050004		346190	Remote Control & Instrument		(819)
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		0
147	TN	126-000001		311520	Pumping Equipment SOS		0
148	TN	126-000001		340200	Computer & Peripheral Equipment		0
149 150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:		(\$6,584,435)
151					Total DT Miliadeal		(30,384,433)
151			projections based on project costs through 2020		Total DV Excluded:		(\$6,584,435)
153			(2) From outsel or estimated in section data are ideal by the		Total DV Excluded.		(30,384,433)
153			(2) From actual or estimated in-service data provided by the	company.	Total Surcharge Amt:		(\$6 E69 27A)
					Total Surcharge Aint.		(\$6,568,374)
155 156					SEC Total:		(63.040.400)
					SEC TOTAL:		(\$2,949,109)
157					EDI Total:		(¢117.077)
158					EDI IOTAI:		(\$117,977)
159 160					OUR T-4-1		(¢2 E01 200)
100					QIIP Total:		(\$3,501,288)

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/11/19
Description TN BP 2020-2024 SCEP

Business Unit Project Title Account Description NOTES Average Account Description

Average Retirement Balance for 2020

Retirements By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #	ı	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
1			RECURRING PROJECTS											
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		1	1.11%	0	0	0	0	0	0
4	TN	DV		335000	Hydrants		1	2.30%	0	0	0	0	0	0
5 6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%						0
7	TN	A	mans were	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
8	TN	Α		333000	Services		1	1.11%	0	0	0	0	0	0
9	TN	A		334300	Meter Vaults		1	2.73%	•	•	0	0	0	0
10	TN	Α		335000	Hydrants		1	2.30%	0	0	0	0	0	0
11			Atom Budget (Budget)	224004	Township & Bright III Adding			4.250/	0	(52,400)	(40.005)	(4.5.4.405)	(42.440)	(402.576)
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%		(53,489)	(40,836)	(164,485)	(42,418)	(102,576)
13	TN	В		333000	Services		1	1.11%	0	0	0	(434)	(1,406)	(766)
14 15	TN	В		335000	Hydrants		1	2.30%	0	0	(1,386)	0	0	(575)
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	(3,996)	(69,785)	(46,845)	(298,336)	(983,631)	(425,376)
17	TN	c		335000	Hydrants		1	2.30%	(-,,	(,,	0	0	0	0
18					,									
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	0	(91,710)	(33,483)	(16,798)	(129,768)	(18,223)
20	TN	D		333000	Services		1	1.11%	0	0	0	0	0	0
21	TN	D		335000	Hydrants		1	2.30%	0	(64,148)	0	0	0	0
22					,					(-, -,				
23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
24	TN	E	,,	335000	Hydrants		1	2.30%	0	(882)	0	0	0	0
25					,					(,				
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	(2,902)	(13,572)	(2,210)	(2,412)	(16,553)
27	TN	F		335000	Hydrants		1	2.30%	0	0	(36,277)	(10,462)	(41,500)	(80,257)
28					,						(,	(-, - ,	, ,,	(, - ,
29 30	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0	0	0	0	0	0
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%					(7,589)	0
32	TN	Н	Services and Edicinis Replaced	333000	Services		1	1.11%	0	0	(26,973)	(45,674)	(38,716)	(58,465)
33	TN	Н		334100	Meters		1	7.47%	· ·	· ·	(6,402)	(2,223)	(411)	(4,744)
34	TN	н		334200	Meter Installations		1	2.73%			(0,102)	(2,223)	(2,774)	(1,454)
35	TN	Н		334300	Meter Vaults		1	2.73%					0	0
36		••					_						•	-
37	TN	1	Meters - New	334100	Meters		1	7.47%	0	0	0	0	0	0
38	TN	1		334200	Meter Installations		1	2.73%	0	0	0	0	0	0
39														
40	TN	J	Meters - Replaced	334100	Meters		1	7.47%	0	0	(263,089)	(1,307,780)	(177,017)	(1,508,863)
41	TN	J		334200	Meter Installations		1	2.73%	(1,923)	0	(19,671)	(420,867)	(2,531)	(382,345)
42														
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	0	0	0
44 45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	(12,365)	0	0	0	(6,003)	0
46	TN	Ĺ		340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	0	0	0
47	TN	Ĺ		340300	Computer Software		1	1.83%	· ·	· ·	ŭ	· ·	v	0
48	TN	Ĺ		346100	Comm Equip Non-Telephone		1	4.21%	0	0	0	0	0	0
49	TN	Ĺ		346190	Remote Control & Instrument		1	4.21%	0	(5,784)	(49,350)	(21,076)	(67,404)	(37,850)
50		-		2.0100			-		ŭ	(5,70.)	(13,330)	(22,070)	,0,,,0,,	(5.,650)
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%				0	0	0
52	TN	M		304200	Struct & Imp-Pumping		1	1.98%				(10,202)	(7,476)	0
53	TN	M		304300	Struct & Imp-Treatment		1	4.11%	0	0	(5,678)	0	(19,389)	(8,038)
54	TN	M		304400	Struct & Imp-Treatment-T&D		1	2.13%	-	•	0	0	0	0
55	TN	M		304500	Structures & Improvement - General		1	1.13%	0	0	0	0	0	0
56	TN	M		340200	Computer & Peripheral Equipment		1	2.19%				0	0	0
57	TN	M		347000	Misc Equipment		1	6.33%						0
58														

Average Retirement Balance for 2020

Retirements By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	0	0	0	0	0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0	0	0	0	0	0
62	TN	0	venices	341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		1	11.38%	0	0	0	0	0	0
64		Ü		341300	Transportation Equip Autos		-	11.50%	· ·	· ·	· ·	· ·	· ·	· ·
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	0	0	0	0	0	0
68	TN	Q	4.4	304200	Struct & Imp-Pumping		1	1.98%	0	(6,236)	(16,285)	0	(62,109)	(25,922)
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	(4,987)	(535)	0	(10,418)	(109,309)	(39,590)
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	0	0	0	0	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	0	0	0	0	0
72	TN	à		304600	Struct & Imp-Offices		1	1.13%				0	0	0
73	TN	ā		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	(5,388)	(2,481)	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%	-	(=,===)	0	0	(49,616)	(16,406)
75	TN	Q		309000	Supply Mains		1	1.87%	0	0	0	0	0	0
76	TN	Q		310000	Power Generation Equip		1	12.33%	0	0	0	0	0	0
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	(5,857)	(8,655)	(41,077)	(76,270)	(27,717)	(47,962)
78	TN	Q Q		311520	Pumping Equipment SOS		1	1.83%	(33,609)	0	(25,545)	(7,184)	(2,120)	(11,517)
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	(13,091)	(118,739)	(198,938)	(150,541)	(180,373)	(175,205)
80	TN	Q Q		320200	Water Trmt Equip Filter Media		1	33.69%	0	(284,994)	(71,068)	0	(69,210)	(46,382)
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	(0)	0	0	0	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	0	0	(1,011)	0	0
83	TN	Q		334100	Meters		1	7.47%	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	(0)	0	0	0	0
85	TN	Q		340300	Computer Software		1	1.83%	ŭ	(0)	ŭ	0	0	0
86	TN	Q Q		340330	Computer Software Other		1	1.83%				0	0	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	(2,705)	0	0	(894)
88	TN	Q		344000	Laboratory Equipment		1	1.01%	(147,279)	(407)	(1,986)	(161)	(480)	(869)
89	TN	Q		345000	Power Operated Equipment		1	7.03%	(147,275)	0	(11,283)	0	0	0
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	0	0	(3,100)	0	0	(1,025)
91	TN	Q		347000	Misc Equipment		1	6.33%	0	0	(1,887)	(1,879)	0	(1,245)
92		ď		347000	wise Equipment		-	0.5570	· ·	· ·	(1,007)	(1,075)	· ·	(1,243)
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	(94,900)	0	0	0	0
94	TN	R	capitalized rails reliabilitation, railting	304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%	ŭ	(5.,500)	(170,157)	0	0	0
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	0	(123,785)	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%	ŭ	ŭ	(36,378)	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	0	(30,370)	0	0	0
98	TN	R		330003	Tank Repainting		1	11.08%	0	0	(109,594)	0	0	(91,553)
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%	ŭ	ŭ	(103,331,	0	0	0
100	TN	R		330200	Ground Level Tanks		1	2.74%	(446)	0	0	0	0	0
101				330200	Ground Lever runns		-	2.7.7,0	(1.0)	· ·	ŭ	· ·	· ·	ŭ
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
103		-	Total Recurring Projects				_		-	-	-	-	•	-
104			,											
105			ACQUISITIONS											
106			7.020.0.10.10											
107			Total Acquisitions											
108			Total / toquisitions											
109			CENTRALLY SPONSORED PROJECTS											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0		
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0		
112	-		Total Centrally Sponsored Projects						•	-	•	-		
113			,.,											
114			INVESTMENT PROJECTS											
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%			0	0	0	
113		.20 020020	222 / lane improvements (hase 15 (\$6.0)	334300	or act a mp freatment		0, 1, 2010	/0			Ü	3	Ü	

Retirements By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%	0	0	0	(47,846)	0	
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				0	0	
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			(14,622)	0	0	
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			(54,346)	0	0	
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%	0	0	0	0	0	
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%	0	0	0	0	0	
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%	0	(305)	0	0	0	
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%	0	0	0	0	0	
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%	0	0	0	0	0	
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%						
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%						
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%						(155,763)
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024							
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%						(2,607)
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%						
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%						
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%						
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%						
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%						
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024							
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%					(76,471)	
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%					(733)	
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%					0	
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				0	0	
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				0	(6,125)	
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022							
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%					0	
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%					0	(3,369)
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%					0	
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%						
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%						
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%						
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%						
149														
150									(\$223,553)	(\$808,858)	(\$1,428,801)	(\$2,595,856)	(\$2,114,706)	(\$3,266,396)
151														
152			Total DV Excluded:						(\$223,553)	(\$808,858)	(61 420 001)	(\$2,595,856)	(\$2,114,706)	(\$3,266,396)
			Total DV Excluded.						(\$223,553)	(\$808,858)	(\$1,428,801)	(\$2,595,850)	(\$2,114,706)	(\$3,266,396)
153			Total Countries Austr						(4000 000)	(4	(4	(40)	(40	(4
154			Total Surcharge Amt:						(\$223,553)	(\$808,858)	(\$1,428,801)	(\$2,595,856)	(\$2,114,706)	(\$3,266,396)
155														
156			SEC Total:						(\$217,187)	(\$431,043)	(\$500,353)	(\$278,743)	(\$684,535)	(\$572,038)
157														
158			EDI Total:						\$0	(\$882)	\$0	\$0	\$0	\$0
159														
160			QIIP Total:						(\$6,366)	(\$376,934)	(\$928,449)	(\$2,317,113)	(\$1,430,171)	(\$2,694,358)

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

								_	Estimated		
		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020		Average
Line #			RECURRING PROJECTS			710000111	(1110111113)			Surcharge	Retirements
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0		\$0
3	TN	DV	,	333000	Services		1	1.11%	0		0
4	TN	DV		335000	Hydrants		1	2.30%	0		0
5					,						
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%	0	EDI	0
7	TN	Α		331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
8	TN	Α		333000	Services		1	1.11%	0	EDI	0
9	TN	Α		334300	Meter Vaults		1	2.73%	0	EDI	0
10	TN	Α		335000	Hydrants		1	2.30%	0	EDI	0
11											
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	(164,135)	QIIP	(485,871)
13	TN	В		333000	Services		1	1.11%	(1,226)	QIIP	(3,219)
14	TN	В		335000	Hydrants		1	2.30%	(921)	QIIP	(2,422)
15		_									/
16	TN	C	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	(412,046)	QIIP	(2,033,992)
17	TN	С		335000	Hydrants		1	2.30%	0	QIIP	0
18			Add to Bullion I	224004	To a control of the C			4.250/	(40.222)	OUD	(200,002)
19 20	TN TN	D D	Mains - Relocated	331001 333000	Transmission & Distribution Mains Services		1 1	1.25% 1.11%	(18,223) 0	QIIP QIIP	(299,093)
21	TN	D		335000	Hydrants		1	2.30%	0	QIIP	(64,148)
22	IIV	D		333000	nyurants		1	2.30%	U	QIIP	(04,146)
23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
24	TN	E	riyaranes, varves, and marmores rivew	335000	Hydrants		1	2.30%	0	EDI	(882)
25		_		333000	Tryarana		-	2.5070	ŭ	25.	(002)
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	(19,107)	QIIP	(47,202)
27	TN	F		335000	Hydrants		1	2.30%	(92,638)	QIIP	(214,814)
28					,				, , ,		, , ,
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0		0
30											
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	QIIP	(7,589)
32	TN	Н		333000	Services		1	1.11%	(62,793)	QIIP	(201,225)
33	TN	Н		334100	Meters		1	7.47%	(5,095)	QIIP	(16,328)
34	TN	н		334200	Meter Installations		1	2.73%	(1,562)	QIIP	(5,009)
35	TN	н		334300	Meter Vaults		1	2.73%	0	QIIP	0
36											
37	TN	!	Meters - New	334100	Meters		1	7.47%	0		0
38	TN	ı		334200	Meter Installations		1	2.73%	0		0
39 40	TN	J	Martana Danilarani	334100	M-4		1	7.47%	(543,961)	QIIP	(2.520.720)
40	TN	J	Meters - Replaced	334100	Meters Meter Installations		1	2.73%	(137,839)	QIIP	(3,528,729) (896,256)
42	111	,		334200	Weter installations		1	2.73/0	(137,833)	QIIF	(830,230)
43	TN	К	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0		0
44		.,	ns Equipment and Systems	310200	compater a rempheral Equipment		-	2.1370	ŭ		Ü
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	0	SEC	(18,368)
46	TN	L	4.)	340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
47	TN	L		340300	Computer Software		1	1.83%	0	SEC	0
48	TN	L		346100	Comm Equip Non-Telephone		1	4.21%	0	SEC	0
49	TN	L		346190	Remote Control & Instrument		1	4.21%	(45,313)	SEC	(204,120)
50											
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
52	TN	M		304200	Struct & Imp-Pumping		1	1.98%	0	SEC	(17,678)
53	TN	M		304300	Struct & Imp-Treatment		1	4.11%	(9,217)	SEC	(37,713)
54	TN	M		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
55	TN	M		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
56	TN	M		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
57	TN	М		347000	Misc Equipment		1	6.33%	0	SEC	0
58											

								_	Estimated		
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020	Surcharge	Average Retirements
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	our criainge	0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0		0
62	TN	0	venicies	341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0		0
63	TN	0		341300	Transportation Equip Autos		1	11.38%	0		0
64											
65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0		0
66											
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	(22,912)	SEC	(122,008)
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	(34,992)	SEC	(182,336)
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
72 73	TN TN	Q Q		304600 304700	Struct & Imp-Offices		1 1	1.13% 0.73%	0	SEC SEC	(7.000)
73 74	TN	Q		306000	Struct & Imp-Store,Shop,Garage Lake, River & Other Intakes		1	0.73%	(14,500)	SEC	(7,869) (73,272)
75	TN	Q		309000	Supply Mains		1	1.87%	(14,500)	SEC	(73,272)
76	TN	Q		310000	Power Generation Equip		1	12.33%	0	SEC	0
77	TN	Q		311200	Pump Egp Electric		1	2.45%	(42,392)	SEC	(228,733)
78	TN	à		311520	Pumping Equipment SOS		1	1.83%	(10,179)	SEC	(85,066)
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	(154,855)	SEC	(914,315)
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	(40,995)	SEC	(492,152)
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	SEC	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	SEC	(1,011)
83	TN	Q		334100	Meters		1	7.47%	0	SEC	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
85	TN	Q		340300	Computer Software		1	1.83%	0	SEC	0
86	TN	Q		340330	Computer Software Other		1	1.83%	0	SEC	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	(790)	SEC	(3,994)
88	TN	Q		344000	Laboratory Equipment		1	1.01%	(768)	SEC	(151,566)
89	TN	Q		345000	Power Operated Equipment		1 1	7.03%	0 (906)	SEC SEC	(11,283)
90 91	TN TN	Q Q		346190 347000	Remote Control & Instrument Misc Equipment		1	4.21% 6.33%	(1,101)	SEC	(4,578) (5,561)
92	IIN	ų		347000	iviisc Equipment		1	0.55%	(1,101)	SEC	(3,301)
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	QIIP	(94,900)
94	TN	R	capitalized falls heriabilitation/ falleng	304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%	0	QIIP	(170,157)
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	QIIP	(123,785)
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%	0	QIIP	(36,378)
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	QIIP	0
98	TN	R		330003	Tank Repainting		1	11.08%	(215,489)	QIIP	(308,891)
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%	0	QIIP	0
100	TN	R		330200	Ground Level Tanks		1	2.74%	0	QIIP	(446)
101											
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0		0
103			Total Recurring Projects								
104											
105			ACQUISITIONS								
106			word and the control of								
107			Total Acquisitions								
108 109			CENTRALLY SPONSORED PROJECTS								
1109	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
111	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
112 113		120 0203	Total Centrally Sponsored Projects	540515	computer software special sepree face		-	10.00%			· ·
114	T.	126 020020	INVESTMENT PROJECTS	204222	Charact O Law 7		C/4 /204 C	4.440/		0112	
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%		QIIP	0

										Estimated		
		Business Unit	Post of William			Portion to	In-Service					_
Line#		No.	Project Title	Account	Account Description	Account	(Months)	Dep Rate		2020	Surcharge	Average Retirements
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%			QIIP	(47,846)
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%			QIIP	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			SEC	(14,622)
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			SEC	(54,346)
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%			SEC	0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%			SEC	0
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%			SEC	(305)
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%			SEC	0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%			SEC	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%			QIIP	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%		(2,316,273) (1)	QIIP	(1,158,137)
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%	(1)		SEC	(155,763)
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024				SEC	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%	(1)		QIIP	(2,607)
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%	. ,	(8,179) (1)	QIIP	(4,089)
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%		(0,-:-) (-)	QIIP	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%			EDI	
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%			EDI	
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%			SEC	
135	TN	126-050001	Raw Water Intake Improvements Whitwell	300000	zake, river a other makes		12/1/2024	0.0370			QIIP	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%			SEC	(76,471)
137	TN	126-050002	racinty opgrades at wintwen with	304300	Struct & Imp-Treatment		12/29/2017	4.11%			SEC	(733)
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%			SEC	0
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%			SEC	0
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%			SEC	(6,125)
140	TN	126-050002	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	340190	Remote Control & Instrument		9/15/2022	4.2170			QIIP	(6,123)
141	TN	126-050003	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%			SEC	0
142	TN	126-050004	Replace 0.1 MG Storage Talik at Willtwell	330200	Ground Level Tanks		12/31/2017	2.15%	(1)		SEC	(3,369)
143	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%	(1)		SEC	(3,303)
144	TN	126-030004	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2017	1.25%			QIIP	0
	TN		Willtwell Acquisition Capital Investment	320200				33.69%			QIIP	0
146 147	TN	126-000001			Water Trmt Equip Filter Media		12/31/2014	1.83%			QIIP	0
		126-000001		311520	Pumping Equipment SOS		12/31/2014					0
148 149	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%			QIIP	U
149									_		Total DV	
150										(\$4,378,407)	Included:	(\$12,627,372)
									=	(\$4,378,407)	iliciaaea.	(\$12,027,572)
151									_			
152			Total DV Excluded:							(\$4,378,407)		(\$12,627,372)
153									_	(\$1,570)107)	1	(012)027)072)
154			Total Surcharge Amt:						_	(\$4,378,407)	•	(\$12,627,372)
			Total our ununge / unu						_	(34,378,407)	į	(312,027,372)
155			000						_	(6270.020)		(62 072 257)
156			SEC Total:						_	(\$378,920)		(\$2,873,357)
157									_			
158			EDI Total:						_	\$0	,	(\$882)
159									_		,	
160			QIIP Total:						_	(\$3,999,487)	i	(\$9,753,133)

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

Cost of Removal less Salvage Balance for 2020

Cost of Removal less Salvage By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
1: #		ess Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
Line #			RECURRING PROJECTS											
2	TN I	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0	\$0	\$0	\$0	\$0	\$0
3	TN I	DV		333000	Services		1	1.11%	0	0	0	0	0	0
4	TN I	DV		335000	Hydrants		1	2.30%	0	0	0	0	0	0
5														
6		Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%						0
7	TN	Α		331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
8		Α		333000	Services		1	1.11%	0	0	0	0	0	0
9		Α		334300	Meter Vaults		1	2.73%			0	0	0	0
10	TN	Α		335000	Hydrants		1	2.30%	0	0	0	0	0	0
11			Marine Berland (Berland	224004	To a control of the C			4.250/	4.420	2.555	24.540	25.022	55.005	52.400
12		В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	4,129	3,656	24,548	36,932	66,996	53,196
13		B B		333000	Services		1	1.11%	5,360 0	37,000	1,405	7,336 0	2,753	4,789
14 15	IIN	В		335000	Hydrants		1	2.30%	U	0	626	U	0	260
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	13,826	196,484	209,470	230,931	141,585	186,315
17		c	Walls Offscheduled	335000	Hydrants		1	2.30%	13,020	150,404	0	250,551	0	0
18				333000	Trydiants		-	2.50%			Ü	Ü	· ·	· ·
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	6,061	65,340	47,151	7,326	0	5,514
20		D	Mans Refocated	333000	Services		1	1.11%	4,302	44,659	0	808	1,065	0
21		D		335000	Hydrants		1	2.30%	0	0	0	0	0	0
22					,2									
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
24		E	•	335000	Hydrants		1	2.30%	0	933	0	0	0	0
25					·									
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	39,220	2,079	4,530	1,454	7,336
27	TN	F		335000	Hydrants		1	2.30%	0	0	576	22,550	26,603	45,233
28														
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0	0	0	0	0	0
30														
31		Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%					1,340	0
32		Н		333000	Services		1	1.11%	0	196,727	126,891	143,635	33,217	79,308
33		Н		334100	Meters		1	7.47%			9,644	2,516	99	0
34		Н		334200	Meter Installations		1	2.73%					877	0
35	TN	Н		334300	Meter Vaults		1	2.73%					1,496	0
36 37	TN	1	Meters - New	334100	Meters		1	7.47%	0	0	0	0	0	0
38		i	Weters - New	334200	Meter Installations		1	2.73%	0	0	0	0	0	0
39	IIN	'		334200	Meter installations		1	2.75%	U	U	U	U	U	U
40	TN	J	Meters - Replaced	334100	Meters		1	7.47%	0	0	95,862	84,107	818	156,016
41		J	Weters Replaced	334200	Meter Installations		1	2.73%	24,561	356,918	141,024	133,128	333,427	524,310
42		•		331200	Weter Histalia dolls		-	2.7570	21,501	330,320	111,021	133,120	555,127	32 1,310
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	0	0	0
44														
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	5,933	0	0	0	4,520	0
46	TN	L		340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	2,449	0	0
47	TN	L		340300	Computer Software		1	1.83%						0
48	TN	L		346100	Comm Equip Non-Telephone		1	4.21%	0	0	0	0	0	0
49	TN	L		346190	Remote Control & Instrument		1	4.21%	0	521	2,277	43,236	20,796	18,210
50														
51		M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%				0	0	0
52		M		304200	Struct & Imp-Pumping		1	1.98%				0	4,187	0
53		M		304300	Struct & Imp-Treatment		1	4.11%	0	0	1,932	8,221	5,042	4,873
54		M		304400	Struct & Imp-Treatment-T&D		1	2.13%			0	0	0	0
55		M		304500	Structures & Improvement - General		1	1.13%	0	0	0	0	0	0
56		М		340200	Computer & Peripheral Equipment		1	2.19%				0	0	0
57	TN	М		347000	Misc Equipment		1	6.33%						0
58														

Cost of Removal less Salvage Balance for 2020

Cost of Removal less Salvage By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	0	0	0	0	0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0	0	0	0	0	0
63 64	TN	0		341300	Transportation Equip Autos		1	11.38%	0	0	0	0	0	0
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	117	0	757	0	0	0
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	0	10,444	37	21,763	(0)	7,209
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	200	12	1,911	0	52,964	18,144
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	0	0	0	0	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	277	0	0	0	0
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%				0	0	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	1	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%			313	0	8,054	2,766
75	TN	Q		309000	Supply Mains		1	1.87%	0	0	0	0	0	0
76	TN	Q		310000	Power Generation Equip		1	12.33%	115	0	0	0	0	0
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	614	134	5,358	33,224	8,799	15,664
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	772	1,108	7,789	23,257	9,685	13,461
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	786	56,431	231,140	20,367	246,101	164,535
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	0	387,744	0	112	49,029	16,248
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	0	0	0	0	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	237	0
83	TN	Q		334100	Meters		1	7.47%	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	105	0	0	0	0
85	TN	Q		340300	Computer Software		1	1.83%				0	0	0
86	TN	Q		340330	Computer Software Other		1	1.83%				0	0	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	0	0	0	0
88	TN	Q		344000	Laboratory Equipment		1	1.01%	12	0	1,021	185	56	417
89	TN	Q		345000	Power Operated Equipment		1	7.03%	0	0	1,676	0	0	0
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	0	0	0	0	0	0
91 92	TN	Q		347000	Misc Equipment		1	6.33%	0	2,546	0	613	0	203
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	0	0	0	0	0
94	TN	R	· · ·	304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%			661,770	0	0	0
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	0	89,500	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%			206,460	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	0	0	0	0	0
98	TN	R		330003	Tank Repainting		1	11.08%	0	0	205,907	0	0	172,009
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%			0	0	0	0
100	TN	R		330200	Ground Level Tanks		1	2.74%	977	0	0	0	0	0
101														
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
103			Total Recurring Projects											
104														
105			ACQUISITIONS											
106														
107			Total Acquisitions											
108														
109			CENTRALLY SPONSORED PROJECTS											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0	0	
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0	0	
112 113			Total Centrally Sponsored Projects											
114			INVESTMENT PROJECTS											
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%			0	0	0	
			(750)				., ,====				-	,	-	

Cost of Removal less Salvage By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%	0	0	0	850,267	0	
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				0	0	
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			0	243,354	0	
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			0	1,535,662	0	
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%	0	0	0	0	0	
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%	0	0	0	0	0	
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%	0	0	0	577	0	
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%	0	0	0	0	0	
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%	0	0	0	0	0	
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%						
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%						
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%						50,000
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024							
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%						1,000,000
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%						
131	TN TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%						
132 133	TN	126-0200XX 126-0200XX	River Gorge Dr Transmission Mains	331001 311200	Transmission & Distribution Mains		4/1/2020 2/1/2020	1.25% 2.45%						
133	TN	126-0200XX 126-0200XX	River Gorge Booster Station	306000	Pump Eqp Electric Lake, River & Other Intakes									
134	TN	126-020000	Replace North Traveling Screen Raw Water Intake Improvements Whitwell	306000	Lake, River & Other Intakes		4/1/2020 12/1/2024	0.83%						
136	TN	126-050001	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/1/2024	1.98%					92,478	
137	TN	126-050002	racility Opgrades at Willtwell WTP	304300	Struct & Imp-Pumping Struct & Imp-Treatment		12/29/2017	4.11%					2,475	
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%					2,473	
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				0	0	
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				0	5,279	
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	340130	Kemote condition & mistrament		9/15/2022	4.2170				· ·	3,273	
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%						
143	TN	126-050004	neplace of the storage rank at Whiteen	330200	Ground Level Tanks		12/31/2017	2.74%						26,100
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%						,
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%						
146	TN	126-000001	·	320200	Water Trmt Equip Filter Media		12/31/2014	33.69%						
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%						
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%						
149												·		
150									\$67,768	\$1,400,262	\$2,077,122	\$3,457,087	\$1,121,429	\$2,572,116
151									707,700	71,400,202	\$2,077,1EE	73,437,007	71,121,425	\$2,572,110
151														
152			Total DV Excluded:						\$67,768	\$1,400,262	\$2,077,122	\$3,457,087	\$1,121,429	\$2,572,116
153			Total 21 Excluded						307,708	31,400,202	32,077,122	33,437,087	\$1,121,425	\$2,372,110
154			Total Surcharge Amt:						\$67,768	\$1,400,262	\$2,077,122	\$3,457,087	\$1,121,429	\$2,572,116
155														
156 157			SEC Total:						\$8,550	\$459,324	\$254,210	\$1,933,019	\$509,700	\$337,830
158			EDI Total:						\$0	\$933	\$0	\$0	\$0	\$0
159														
160			QIIP Total:						\$59,218	\$940,005	\$1,822,912	\$1,524,068	\$611,729	\$2,234,286

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

									Estimated		
		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020		Average Cost of Removal less
Line #			RECURRING PROJECTS				(,			Surcharge	Salvage
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0		\$0
3	TN	DV	riojecto ranaca zy otneto	333000	Services		1	1.11%	0		0
4	TN	DV		335000	Hydrants		1	2.30%	0		0
5					,						
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%	0	EDI	0
7	TN	Α		331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
8	TN	Α		333000	Services		1	1.11%	0	EDI	0
9	TN	Α		334300	Meter Vaults		1	2.73%	0	EDI	0
10	TN	Α		335000	Hydrants		1	2.30%	0	EDI	0
11											
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	85,120	QIIP	232,018
13	TN	В		333000	Services		1	1.11%	7,664	QIIP	62,476
14	TN	В		335000	Hydrants		1	2.30%	416	QIIP	1,093
15	TN		Add to the health to	224004	Townstate 0 Birth the Market		1	4.250/	180,476	OUD	4 000 040
16 17	TN	C C	Mains - Unscheduled	331001 335000	Transmission & Distribution Mains		1	1.25% 2.30%	180,476	QIIP QIIP	1,068,849 0
18	IIN	C		335000	Hydrants		1	2.30%	U	QIIP	U
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	5,514	QIIP	134,150
20	TN	D	Walls Relocated	333000	Services		1	1.11%	0	QIIP	50,834
21	TN	D		335000	Hydrants		1	2.30%	0	QIIP	0
22		-					_		•		•
23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
24	TN	E		335000	Hydrants		1	2.30%	0	EDI	933
25											
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	8,468	QIIP	58,853
27	TN	F		335000	Hydrants		1	2.30%	52,211	QIIP	121,067
28											
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0		0
30											
31	TN	H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	QIIP	1,340
32	TN	H		333000	Services		1	1.11%	85,178	QIIP	622,367
33	TN	н		334100	Meters		1	7.47%	0	QIIP	12,259
34 35	TN	H		334200	Meter Installations		1	2.73% 2.73%	0	QIIP QIIP	877 1,496
35 36	TN	Н		334300	Meter Vaults		1	2./3%	U	QIIP	1,490
37	TN	1	Meters - New	334100	Meters		1	7.47%	0		0
38	TN	i	Weters New	334200	Meter Installations		1	2.73%	0		0
39		•					_				
40	TN	J	Meters - Replaced	334100	Meters		1	7.47%	56,246	QIIP	364,926
41	TN	J		334200	Meter Installations		1	2.73%	189,019	QIIP	1,607,877
42											
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0		0
44											
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	0	SEC	10,453
46	TN	L		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	2,449
47	TN	L		340300	Computer Software		1	1.83%	0	SEC	0
48	TN	L		346100	Comm Equip Non-Telephone		1	4.21%	0	SEC	0
49	TN	L		346190	Remote Control & Instrument		1	4.21%	21,800	SEC	95,939
50 51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
52	TN	M	Security Equipment and Systems	304200	Struct & Imp-Supply Struct & Imp-Pumping		1	1.98%	0	SEC	4,187
53	TN	M		304200	Struct & Imp-Pumping Struct & Imp-Treatment		1	1.98% 4.11%	5,587	SEC	4,187 22,861
54	TN	M		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
55	TN	M		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
56	TN	M		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
57	TN	M		347000	Misc Equipment		1	6.33%	0	SEC	0
58					to the second						

								_	Estimated		
1:#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020	Comphania	Average Cost of Removal less
Line # 59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	Surcharge	Salvage 0
60											
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0		0
62 63	TN TN	0		341200 341300	Transportation Equip Hvy Duty Trucks Transportation Equip Autos		1 1	16.62% 11.38%	0		0
64	IIN	U		341300	Transportation Equip Autos		1	11.30%	U		U
65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0		0
66											
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	0	SEC	874
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	6,372	SEC	42,639
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	16,037	SEC	81,249
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
71 72	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	SEC	277 0
72 73	TN TN	Q Q		304600 304700	Struct & Imp-Offices Struct & Imp-Store, Shop, Garage		1	1.13% 0.73%	0	SEC SEC	1
73 74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%	2,445	SEC	12,355
75	TN	Q		309000	Supply Mains		1	1.87%	0	SEC	0
76	TN	à		310000	Power Generation Equip		1	12.33%	0	SEC	115
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	13,845	SEC	70,717
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	11,898	SEC	62,022
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	145,425	SEC	792,073
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	14,361	SEC	460,312
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	SEC	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	SEC	237
83	TN	Q		334100	Meters		1	7.47%	0	SEC	0
84 85	TN	Q Q		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC SEC	105
85 86	TN TN	Q		340300 340330	Computer Software Computer Software Other		1 1	1.83% 1.83%	0	SEC	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	SEC	0
88	TN	Q		344000	Laboratory Equipment		1	1.01%	369	SEC	1,876
89	TN	Q		345000	Power Operated Equipment		1	7.03%	0	SEC	1,676
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	0	SEC	0
91	TN	Q		347000	Misc Equipment		1	6.33%	179	SEC	3,451
92											
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	QIIP	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%	0	QIIP	661,770
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	QIIP	89,500
96 97	TN	R R		320200	Water Trmt Equip Filter Media		1	33.69%	0	QIIP QIIP	206,460
98	TN TN	R R		330000 330003	Dist Reservoirs & Standpipes Tank Repainting		1	2.08% 11.08%	404,861	QIIP	0 580,347
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%	404,861	QIIP	380,347
100	TN	R		330200	Ground Level Tanks		1	2.74%	0	QIIP	977
101							=		•		
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0		0
103			Total Recurring Projects								
104											
105			ACQUISITIONS								
106											
107			Total Acquisitions								
108			CENTRALLY SPONSORED PROJECTS								
109 110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
111	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0
112 113		120 0203	Total Centrally Sponsored Projects	340313	computer software special sepree face		1	10.00%			Ü
114	TN	126 020020	INVESTMENT PROJECTS	204200	Character & Laure Terretorness		C/1/2016	4 110/		OUD	•
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%		QIIP	0

										Estimated		
		Business Unit				Portion to	In-Service					Average Cost of
		No.	Project Title	Account	Account Description	Account	(Months)	Dep Rate		2020		Removal less
Line #	Th:			220400	MATERIAL SALES			4.000/			Surcharge	Salvage
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%			QIIP	850,267
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%			QIIP	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			SEC	243,354
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			SEC	1,535,662
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%			SEC	0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%			SEC	0
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%			SEC	577
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%			SEC	0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%			SEC	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%			QIIP	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%		1,500,000 (1)	QIIP	750,000
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%	(1)		SEC	50,000
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024				SEC	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%	(1)		QIIP	1,000,000
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%		1,000,000 (1)	QIIP	500,000
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%			QIIP	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%			EDI	
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%			EDI	
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%			SEC	
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024				QIIP	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%			SEC	92,478
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%			SEC	2,475
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%			SEC	0
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%			SEC	0
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%			SEC	5,279
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022				QIIP	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%			SEC	0
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%	(1)		SEC	26,100
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%			SEC	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%			QIIP	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%			QIIP	0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%			QIIP	0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%			QIIP	0
149												
											Total DV	
150										\$3,813,490	Included:	\$12,602,529
151									_			
									_	-		
152			Total DV Excluded:						_	\$3,813,490		\$12,602,529
153									_			
154			Total Surcharge Amt:							\$3,813,490		\$12,602,529
155			•						_			. ,,
156			SEC Total:							\$238,317		\$3,621,793
157			SEC TOTAL.						_	7230,317		73,021,733
157			EDI Total:						_	\$0		\$933
			EDI Total:						_	ŞU		\$733
159			A110.7						_	¢2 F7F 472		ć0 070 0C2
160			QIIP Total:						_	\$3,575,173		\$8,979,803

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

Average CIAC Balance for 2020

CIAC By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
line#		ess Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
Line #			RECURRING PROJECTS											
2	TN I	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%			\$0	\$0	\$0	\$0
3	TN I	DV		333000	Services		1	1.11%			0	0	0	0
4	TN I	DV		335000	Hydrants		1	2.30%			0	0	0	0
5														
6		Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%						
7		Α		331001	Transmission & Distribution Mains		1	1.25%			0	0	0	0
8		Α		333000	Services		1	1.11%			0	0	0	0
9		A		334300	Meter Vaults		1	2.73%			0	0	0	0
10 11	TN	Α		335000	Hydrants		1	2.30%			0	0	0	0
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%			0	0	0	0
13		В	Walls Replaced / Restored	333000	Services		1	1.11%			0	0	0	0
14		В		335000	Hydrants		1	2.30%			0	0	0	0
15					,									
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%			0	0	0	0
17	TN	С		335000	Hydrants		1	2.30%			0	0	0	0
18					·									
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%			(493,440)	(1,639,607)	(5,197)	0
20	TN	D		333000	Services		1	1.11%			0	(29,877)	0	0
21	TN	D		335000	Hydrants		1	2.30%			0	(115,923)	(2,132)	0
22														
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%			0	0	0	0
24	TN	E		335000	Hydrants		1	2.30%			(3,845)	(18,500)	(35,929)	0
25														
26		F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%			0	0	0	0
27	TN	F		335000	Hydrants		1	2.30%			0	(5,500)	(8,727)	0
28														
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%			0	0	0	0
30														
31		H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%					_	
32		H		333000	Services		1	1.11%			0	0	0	0
33		H		334100	Meters		1	7.47%			0	0	0	0
34		H		334200	Meter Installations		1	2.73%						
35 36	TN	Н		334300	Meter Vaults		1	2.73%						
37	TN	1	Meters - New	334100	Meters		1	7.47%			0	0	0	0
38		i	Meters - Mem	334200	Meter Installations		1	2.73%			0	0	0	0
39	114			334200	Weter Histaliations		1	2.7370			U	U	· ·	U
40	TN	J	Meters - Replaced	334100	Meters		1	7.47%			0	0	0	0
41		J	meters replaced	334200	Meter Installations		1	2.73%			0	0	0	0
42														
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%			0	0	0	0
44														
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%			0	0	0	0
46	TN	L		340200	Computer & Peripheral Equipment		1	2.19%			0	0	0	0
47	TN	L		340300	Computer Software		1	1.83%					0	0
48	TN	L		346100	Comm Equip Non-Telephone		1	4.21%			0	0	0	0
49	TN	L		346190	Remote Control & Instrument		1	4.21%			0	0	0	0
50														
51		M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%				0	0	0
52		M		304200	Struct & Imp-Pumping		1	1.98%				0	0	0
53		M		304300	Struct & Imp-Treatment		1	4.11%			0	0	0	0
54		M		304400	Struct & Imp-Treatment-T&D		1	2.13%			0	0	0	0
55		М		304500	Structures & Improvement - General		1	1.13%			0	0	0	0
56		М		340200	Computer & Peripheral Equipment		1	2.19%				0	0	0
57	TN	M		347000	Misc Equipment		1	6.33%						
58														

Average CIAC Balance for 2020

CIAC By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%			0	0	0	0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%			0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		1	16.62%			0	0	0	0
63	TN	0		341300	Transportation Equip Autos		1	11.38%			0	0	0	0
64														
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%			0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%			0	0	0	0
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%			0	0	0	0
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%			0	0	0	0
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%			0	0	0	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%			0	0	0	0
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%				0	0	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%			0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%			0	0	0	0
75	TN	Q		309000	Supply Mains		1	1.87%			0	0	0	0
76	TN	Q		310000	Power Generation Equip		1	12.33%			0	0	0	0
77	TN	Q		311200	Pump Eqp Electric		1	2.45%			0	0	0	0
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%			0	0	0	0
79	TN	Q		320100	WT Equip Non-Media		1	1.09%			0	0	0	0
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%			0	0	0	0
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%			0	0	0	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%			0	0	0	0
83	TN	Q		334100	Meters		1	7.47%			0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%			0	0	0	0
85	TN	Q		340300	Computer Software		1	1.83%				0	0	0
86	TN	Q		340330	Computer Software Other		1	1.83%				0	0	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%			0	0	0	0
88	TN	Q		344000	Laboratory Equipment		1	1.01%			0	0	0	0
89	TN	Q		345000	Power Operated Equipment		1	7.03%			0	0	0	0
90	TN	Q		346190	Remote Control & Instrument		1	4.21%			0	0	0	0
91	TN	Q		347000	Misc Equipment		1	6.33%			0	0	0	0
92														
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%			0	0	0	0
94	TN	R	,	304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%			0	0	0	0
95	TN	R		320100	WT Equip Non-Media		1	1.09%			0	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%			0	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%			0	0	0	0
98	TN	R		330003	Tank Repainting		1	11.08%			0	0	0	0
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%			0	0	0	0
100	TN	R		330200	Ground Level Tanks		1	2.74%			0	0	0	0
101														
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%			0	0	0	0
103			Total Recurring Projects											
104														
105			ACQUISITIONS											
106														
107			Total Acquisitions											
108														
109			CENTRALLY SPONSORED PROJECTS											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%			0	0	0	0
112			Total Centrally Sponsored Projects											
113														
114			INVESTMENT PROJECTS											
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%			0	0	0	0
-			(4-1-7)		, , , , , , , , , , , , , , , , , , ,		-, ,				•	-	-	-

Average CIAC Balance for 2020

CIAC By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%			0	0	0	0
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				0	0	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%			0	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%			0	0	0	0
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%			0	0	0	0
	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%			0	0	0	0
	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%			0	0	0	0
	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%			0	0	0	0
	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%			0	0	0	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%						
	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%						
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%						
	TN	126-020044	New Raw Water Intake Citico				3/15/2024							
	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%						
	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%						
	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%						
	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%						
	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%						
	TN TN	126-0200XX 126-050001	Replace North Traveling Screen Raw Water Intake Improvements Whitwell	306000	Lake, River & Other Intakes		4/1/2020 12/1/2024	0.83%						
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%						
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%						
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%						
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				0	0	0
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				0	0	0
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022							
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%						
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%						
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%						
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%						
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%						
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%						
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%						
149														
150									\$0	\$0	(\$497,284)	(\$1,809,407)	(\$51,986)	\$0
151											<u>,, , , , , , , , , , , , , , , , , , ,</u>	(1 /2 2 /	() - / /	
101												-		
152			Total DV Excluded:						\$0	\$0	(\$497,284)	(\$1,809,407)	(\$51,986)	\$0
153														
154			Total Surcharge Amt:						\$0	\$0	(\$497,284)	(\$1,809,407)	(\$51,986)	\$0
155														
156			SEC Total:						\$0	\$0	\$0	\$0	\$0	\$0
157													* *	
158			EDI Total:						\$0	\$0	(\$3,845)	(\$18,500)	(\$35,929)	\$0
159			25.104						70		(+-/- 10)	(+,00)	(+,3)	7.0
160			QIIP Total:						\$0	\$0	(\$493,440)	(\$1,790,907)	(\$16,056)	\$0

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

Average CIAC Balance for 2020

								_	Estimated		
		Business Unit	Project Title	Account	Account Description	Portion to	In-Service	Dep Rate	2020		
Line #		No.			•	Account	(Months)			Surcharge	Average CIAC
1 2	TN	DV	RECURRING PROJECTS Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0		\$0
3	TN	DV	,	333000	Services		1	1.11%	0		0
4	TN	DV		335000	Hydrants		1	2.30%	0		0
5					,						
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%		EDI	0
7	TN	Α		331001	Transmission & Distribution Mains		1	1.25%	0	EDI	0
8	TN	Α		333000	Services		1	1.11%	0	EDI	0
9	TN	Α		334300	Meter Vaults		1	2.73%	0	EDI	0
10	TN	Α		335000	Hydrants		1	2.30%	0	EDI	0
11											
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	0	QIIP	0
13	TN	В		333000	Services		1	1.11%	0	QIIP	0
14	TN	В		335000	Hydrants		1	2.30%	0	QIIP	0
15											
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	0	QIIP	0
17	TN	С		335000	Hydrants		1	2.30%	0	QIIP	0
18											
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	0	QIIP	(2,138,244)
20	TN	D		333000	Services		1	1.11%	0	QIIP	(29,877)
21	TN	D		335000	Hydrants		1	2.30%	0	QIIP	(118,055)
22		-	H. J. J. Martin and A. J. J. J. Martin and A. J.	224004	To a section of Bright the state of			4.250/	•	501	•
23 24	TN TN	E E	Hydrants, Valves, and Manholes - New	331001 335000	Transmission & Distribution Mains		1	1.25%	0	EDI EDI	(50.274)
	IN	E		335000	Hydrants		1	2.30%	U	EDI	(58,274)
25 26	TN	F	Historia Value and Markalas Barland	331001	Transmission & Distribution Mains			1.25%	0	QIIP	0
27	TN	F	Hydrants, Valves, and Manholes - Replaced	335000	Hydrants		1 1	2.30%	0	QIIP	0 (14,227)
28	IIN	г		333000	nyurants		1	2.30%	U	QIIP	(14,227)
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0		0
30	111	ď	Services and Laterals - New	333000	Jei Vices		1	1.11/0	0		0
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%		QIIP	0
32	TN	н	Services and Editerals Replaced	333000	Services		1	1.11%	0	QIIP	0
33	TN	н		334100	Meters		1	7.47%	0	QIIP	0
34	TN	н		334200	Meter Installations		1	2.73%	·	QIIP	0
35	TN	н		334300	Meter Vaults		1	2.73%		QIIP	0
36											
37	TN	1	Meters - New	334100	Meters		1	7.47%	0		0
38	TN	1		334200	Meter Installations		1	2.73%	0		0
39											
40	TN	J	Meters - Replaced	334100	Meters		1	7.47%	0	QIIP	0
41	TN	J		334200	Meter Installations		1	2.73%	0	QIIP	0
42											
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0		0
44											
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	0	SEC	0
46	TN	L		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
47	TN	L		340300	Computer Software		1	1.83%	0	SEC	0
48	TN	L		346100	Comm Equip Non-Telephone		1	4.21%	0	SEC	0
49	TN	L		346190	Remote Control & Instrument		1	4.21%	0	SEC	0
50							_		_		_
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
52	TN	М		304200	Struct & Imp-Pumping		1	1.98%	0	SEC	0
53	TN	М		304300	Struct & Imp-Treatment		1	4.11%	0	SEC	0
54	TN	M		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
55	TN	M		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
56 57	TN	M		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
57 58	TN	М		347000	Misc Equipment		1	6.33%		SEC	U
38											

Average CIAC Balance for 2020

								_	Estimated		
		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020	6	
Line # 59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	Surcharge	Average CIAC 0
60			·		•						
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0		0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0		0
63	TN	0		341300	Transportation Equip Autos		1	11.38%	0		0
64 65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0		0
66	IIN	r	roois and Equipment	343000	roois, shop, Garage Equipment		1	0.09%	U		U
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	0	SEC	0
68	TN	Q	4	304200	Struct & Imp-Pumping		1	1.98%	0	SEC	0
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	0	SEC	0
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	SEC	0
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	SEC	0
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%	0	SEC	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	SEC	0
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%	0	SEC	0
75 76	TN	Q Q		309000 310000	Supply Mains		1 1	1.87%	0	SEC SEC	0
76 77	TN TN	Q Q		311200	Power Generation Equip Pump Eqp Electric		1	12.33% 2.45%	0	SEC	0
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	0	SEC	0
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	0	SEC	0
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	0	SEC	0
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	SEC	0
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	SEC	0
83	TN	Q		334100	Meters		1	7.47%	0	SEC	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
85	TN	Q		340300	Computer Software		1	1.83%	0	SEC	0
86	TN	Q		340330	Computer Software Other		1	1.83%	0	SEC	0
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	SEC	0
88	TN	Q		344000	Laboratory Equipment		1	1.01%	0	SEC	0
89	TN	Q		345000	Power Operated Equipment		1	7.03%	0	SEC	0
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	0	SEC SEC	0
91 92	TN	Q		347000	Misc Equipment		1	6.33%	0	SEC	U
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	QIIP	0
94	TN	R	capitalized falls scribbilitation/fallstring	304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%	0	QIIP	0
95	TN	R		320100	WT Equip Non-Media		1	1.09%	0	QIIP	0
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%	0	QIIP	0
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	0	QIIP	0
98	TN	R		330003	Tank Repainting		1	11.08%	0	QIIP	0
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%	0	QIIP	0
100	TN	R		330200	Ground Level Tanks		1	2.74%	0	QIIP	0
101											
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0		0
103 104			Total Recurring Projects								
104			ACQUISITIONS								
106			Acquisitions								
107			Total Acquisitions								
108											
109			CENTRALLY SPONSORED PROJECTS								
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0		0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0		0
112			Total Centrally Sponsored Projects								
113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%	0	QIIP	0

Average CIAC Balance for 2020

									Estimated		
		Business Unit				Portion to	In-Service				
		No.	Project Title	Account	Account Description	Account	(Months)	Dep Rate	2020		
Line #						Account				Surcharge	Average CIAC
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%	0	QIIP	0
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%	0	QIIP	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%	0	SEC	0
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%	0	SEC	0
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%	0	SEC	0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%	0	SEC	0
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%	0	SEC	0
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%	0	SEC	0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%	0	SEC	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%		QIIP	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%		QIIP	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%		SEC	0
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024			SEC	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%		QIIP	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%		QIIP	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%		QIIP	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%		EDI	
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%		EDI	
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%		SEC	
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024			QIIP	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%		SEC	0
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%		SEC	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%		SEC	0
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%	0	SEC	0
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%	0	SEC	0
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022			QIIP	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%		SEC	0
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%		SEC	0
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%		SEC	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%		QIIP	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%		QIIP	0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%		QIIP	0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%		QIIP	0
149										Total DV	_
450									40		(42.250.577)
150									\$0	Included:	(\$2,358,677)
151											_
152			Total DV Excluded:						\$0		(\$2,358,677)
			Total DV Excluded.						\$0		(110,000,011)
153			Total Surcharge Amt:								/¢2 250 677\
154			iotai surcilaige Ailit.						\$0		(\$2,358,677)
155											
156			SEC Total:						\$0		\$0
157											
158			EDI Total:						\$0		(\$58,274)
159											
160			QIIP Total:						\$0		(\$2,300,403)

⁽¹⁾ Amounts not reflected in actuals through 2018 or projections based on project costs through 2020

Average Accumulated Depreciation Balance for 2020

Depreciation Expense By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
1			RECURRING PROJECTS											_
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		1	1.11%	0	0	0	0	0	0
4	TN	DV		335000	Hydrants		1	2.30%	0	0	0	0	0	0
5 6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%	0	0	0	0	172	3,253
7	TN	A	Walls New	331001	Transmission & Distribution Mains		1	1.25%	0	3,304	6,891	8,555	11,462	21,701
8	TN	A		333000	Services		1	1.11%	0	30	54	65	85	132
9	TN	A		334300	Meter Vaults		1	2.73%	0	0	420	496	496	724
10	TN	Α		335000	Hydrants		1	2.30%	0	162	448	721	1,183	1,670
11														
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	2,753	13,027	26,087	41,364	66,454	78,237
13	TN	В		333000	Services		1	1.11%	3	902	1,924	3,147	6,343	7,639
14	TN	В		335000	Hydrants		1	2.30%	2	722	664	1,671	2,806	3,390
15														
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	5,637	17,296	38,081	59,728	78,903	82,741
17	TN	С		335000	Hydrants		1	2.30%	0	0	183	115	115	133
18	TNI	D	Maine Delegated	221001	Tourseissies & Distribution Marine		1	1.25%	460	3,129	11.002	12.005	10.616	20.170
19 20	TN TN	D	Mains - Relocated	331001 333000	Transmission & Distribution Mains Services		1	1.25%	468 0	3,129	11,862 15	13,965 98	18,616 210	20,170 227
21	TN	D		335000	Hydrants		1	2.30%	0	(1,346)	(1,252)	(903)	43	422
22	IIN	b		333000	Tryutants		1	2.30%	U	(1,340)	(1,232)	(303)	45	422
23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	146	380	1,705	2,170	2,364	2,797
24	TN	Ē	riyarants, varves, and mannoles rich	335000	Hydrants		1	2.30%	469	1,422	717	1,104	1,423	2,652
25					,2					-,		-,	-,	_,
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	18	382	1,417	1,794	2,175	2,540
27	TN	F		335000	Hydrants		1	2.30%	2,153	7,570	10,249	12,104	14,541	20,033
28														
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	0	0	0	0	0	6,304
30														
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	(58)	(95)
32	TN	Н		333000	Services		1	1.11%	2,200	7,310	12,084	16,592	21,148	24,974
33	TN	H		334100	Meters		1	7.47%	0	0	(33)	339	731	1,646
34	TN	н		334200	Meter Installations		1	2.73%	0	0	0	0	1,150	2,737
35 36	TN	Н		334300	Meter Vaults		1	2.73%	0	0	0	0	190	661
37	TN	1	Meters - New	334100	Meters		1	7.47%	0	0	0	0	0	0
38	TN	i	Meters - New	334200	Meter Installations		1	2.73%	0	0	0	0	0	0
39				334200	Weter installations		-	2.7570	· ·	Ü	· ·	· ·	Ü	Ü
40	TN	J	Meters - Replaced	334100	Meters		1	7.47%	2,328	21,973	21,956	2,816	(72,965)	(130,879)
41	TN	J		334200	Meter Installations		1	2.73%	4,908	27,091	46,812	74,197	108,753	205,728
42														
43	TN	К	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	0	0	0
44														
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media		1	1.09%	1,730	2,790	2,790	2,790	2,770	2,725
46	TN	L		340200	Computer & Peripheral Equipment		1	2.19%	94	116	83	1,160	1,253	1,972
47	TN	L		340300	Computer Software		1	1.83%	0	0	0	0	4	52
48	TN	L		346100	Comm Equip Non-Telephone		1	4.21%	616	2,102	1,731	1,731	1,731	1,731
49 50	TN	L		346190	Remote Control & Instrument		1	4.21%	1,494	8,127	17,132	24,957	30,541	32,236
50 51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%	0	0	0	31	401	472
52	TN	M	Second Equipment and Systems	304200	Struct & Imp-Supply Struct & Imp-Pumping		1	1.98%	0	0	0	(124)	(339)	(350)
53	TN	M		304300	Struct & Imp-Tumping Struct & Imp-Treatment		1	4.11%	0	416	5,592	8,704	12,502	16,669
54	TN	M		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	0	72	973	1,168	3,106
55	TN	M		304500	Structures & Improvement - General		1	1.13%	0	70	70	70	70	70
56	TN	M		340200	Computer & Peripheral Equipment		1	2.19%	0	0	0	9	129	155
57	TN	M		347000	Misc Equipment		1	6.33%	0	0	0	0	62	947
58					• •									

Average Accumulated Depreciation Balance for 2020

Depreciation Expense By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	0	0	0	0	0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0	0	0	0	0	0
62	TN	0	verneies	341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		1	11.38%	0	0	0	0	0	0
64														
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	498	2,697	2,900	6,124	8,352	5,047
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	0	(95)	3,284	7,566	16,618	17,879
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	(60)	(151)	448	2,848	13,257	22,283
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	0	42	547	547	547	547
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	0	173	313	667	692	750
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%	0	0	0	59	85	98
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage		1	0.73%	0	(36)	(55)	(57)	(57)	(57)
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%	0	0	139	201	766	1,138
75	TN	Q		309000	Supply Mains		1	1.87%	77	184	184	184	184	184
76	TN	Q		310000	Power Generation Equip		1	12.33%	2,076	3,091	3,091	4,599	4,873	5,145
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	(84)	(139)	(486)	(1,661)	(2,557)	(2,425)
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	1,157	3,701	11,661	21,559	31,790	38,953
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	210	12,045	17,596	20,247	25,779	28,686
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	0	103,221	123,585	127,646	236,765	258,149
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	0	(0)	(0)	460	493	568
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	0	0	0	(1)	(13)	(13)
83	TN	Q		334100	Meters		1	7.47%	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	(0)	(0)	(0)	(0)	(0)
85	TN	Q		340300	Computer Software		1	1.83%	0	0	0	1,680	1,820	2,097
86	TN	Q		340330	Computer Software Other		1	1.83%	0	0	0	17	18	21
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	0	0	31	41	41	44
88	TN	Q		344000	Laboratory Equipment		1	1.01%	(126)	(1,488)	(1,496)	(1,474)	(1,468)	(1,466)
89 90	TN TN	Q Q		345000 346190	Power Operated Equipment Remote Control & Instrument		1 1	7.03% 4.21%	0	2,021 11	2,245 67	2,123 25	2,123 426	2,123 530
90 91	TN	Q					1	6.33%	0	455	392	301	323	1,229
91	IIN	ų		347000	Misc Equipment		1	0.33%	U	455	392	301	323	1,229
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	0	(3,603)	(3,903)	(3,900)	(3,900)	(3,900)
94	TN	R	Capitalized Talik Kellabilitation/Fainting	304301	Struct & Imp-Treatment Struct & Imp-Treatment-Dpr Paint		1	12.06%	0	(3,003)	125,861	130,312	130,312	130,312
95	TN	R		320100	WT Equip Non-Media		1	1.09%	10,789	25,209	3,354	1,484	1,484	1,484
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%	0	25,205	4,664	5,512	5,512	5,512
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	225	1,350	8,140	479	8,042	12,599
98	TN	R		330003	Tank Repainting		1	11.08%	0	3,224	11,349	30,458	73,335	95,115
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%	0	0	764	2,482	2,482	2,482
100	TN	R		330200	Ground Level Tanks		1	2.74%	(6)	(12)	(12)	1,010	16,377	23,980
101									· · /	` ,	, ,	,-	-,-	,,,,,,
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0	0	0	0	0	0
103			Total Recurring Projects											
104														
105			ACQUISITIONS											
106														
107			Total Acquisitions											
108														
109			CENTRALLY SPONSORED PROJECTS											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%	0	0	0	0	0	0
112			Total Centrally Sponsored Projects											
113														
114			INVESTMENT PROJECTS											
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%	0	0	134,457	255,354	250,857	250,857

Average Accumulated Depreciation Balance for 2020

Depreciation Expense By Year

									Docket No. 15-00029	Docket No. 16-00022	Docket No. 17-00020	Docket No. 17-00020	Docket No. 18-00022	Estimated
Line#		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2014	2015	2016	2017	2018	2019
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%	0	0	11,886	22,623	22,465	22,465
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%	0	0	0	4,038	8,729	8,729
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%	0	0	43	(221)	(290)	(290)
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%	0	0	10,629	151,228	167,991	167,991
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%	0	15,738	103,337	31,129	12,005	12,005
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%	0	9,075	64,012	98,511	112,665	112,665
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%	0	190	1,250	289	0	0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%	0	176	1,173	565	376	376
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%	0	0	0	0	0	24,018
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%	0	0	0	0	0	9,330
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024						_	(4)
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%					0	(8)
130 131	TN TN	126-020056 126-0200XX	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09% 4.11%						
	TN		Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020							
132 133	TN	126-0200XX 126-0200XX	River Gorge Proster Station	331001 311200	Transmission & Distribution Mains Pump Eqp Electric		4/1/2020 2/1/2020	1.25% 2.45%						
134	TN	126-0200XX	River Gorge Booster Station Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%						
135	TN	126-050001	Raw Water Intake Improvements Whitwell	300000	Lake, River & Other Intakes		12/1/2024	0.65%						
136	TN	126-050001	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%	0	0	0	0	(1,398)	(1,514)
137	TN	126-050002	racinty opgrades at writtwell wire	304200	Struct & Imp-Treatment		12/29/2017	4.11%	0	0	0	0	(28)	(30)
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%	0	0	0	0	41	538
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%	0	0	0	54	570	1,865
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%	0	0	0	927	7,322	310
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	3.0130	nemote control a matrament		9/15/2022		· ·	· ·	· ·	32,	,,522	310
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%	0	0	0	0	878	1,248
143	TN	126-050004	.,	330200	Ground Level Tanks		12/31/2017	2.74%	0	0	0	0	4,519	6,334
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%	0	0	0	0	261	372
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%	0	0	0	0	0	0
149														
150									\$39,775	\$294,063	\$849,206	\$1,206,475	\$1,478,097	\$1,685,673
151														
152			Total DV Excluded:						\$39,775	\$294,063	\$849,206	\$1,206,475	\$1,478,097	\$1,685,673
153														
154			Total Surcharge Amt:						\$39,775	\$294,063	\$849,206	\$1,206,475	\$1,478,097	\$1,679,369
155														
156			SEC Total:						\$7,682	\$164,532	\$372,362	\$516,484	\$696,062	\$752,493
157														
158			EDI Total:						\$615	\$5,298	\$10,235	\$13,111	\$17,185	\$32,929
159														
160			QIIP Total:						\$31,478	\$124,233	\$466,610	\$676,880	\$764,850	\$893,948

58

Average Accumulated Depreciation Balance for 2020

									Estimated		
		Business Unit	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020		Average Accumulated
Line #			RECURRING PROJECTS							Surcharge	Depreciation
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		1	1.25%	\$0		\$0
3	TN	DV	,	333000	Services		1	1.11%	0		0
4	TN	DV		335000	Hydrants		1	2.30%	0		0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D		1	2.13%	4,664	EDI	5,756
7	TN	Α		331001	Transmission & Distribution Mains		1	1.25%	28,644	EDI	66,235
8	TN	Α		333000	Services		1	1.11%	174	EDI	453
9	TN	A		334300	Meter Vaults		1	2.73%	1,038	EDI	2,656
10 11	TN	Α		335000	Hydrants		1	2.30%	2,281	EDI	5,323
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains		1	1.25%	103,470	QIIP	279,657
13	TN	В		333000	Services		1	1.11%	10,201	QIIP	25,059
14	TN	В		335000	Hydrants		1	2.30%	4,638	QIIP	11,574
15					,						
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains		1	1.25%	99,418	QIIP	332,096
17	TN	С		335000	Hydrants		1	2.30%	169	QIIP	630
18											
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains		1	1.25%	23,009	QIIP	79,715
20	TN	D		333000	Services		1	1.11%	278	QIIP	698
21	TN	D		335000	Hydrants		1	2.30%	839	QIIP	(2,617)
22 23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains		1	1.25%	3,530	EDI	11,327
24	TN	E	nyurants, vaives, and ivialinoles - New	335000	Hydrants		1	2.30%	4,333	EDI	9,954
25		-		333000	Trydrand		-	2.30%	4,555	LDI	3,334
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains		1	1.25%	3,209	QIIP	9,931
27	TN	F	, ,	335000	Hydrants		1	2.30%	26,936	QIIP	80,119
28					,				•		•
29	TN	G	Services and Laterals - New	333000	Services		1	1.11%	19,513		16,061
30											
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains		1	1.25%	(95)	QIIP	(201)
32	TN	Н		333000	Services		1	1.11%	31,563	QIIP	100,088
33	TN	н		334100	Meters		1	7.47%	2,354	QIIP	3,859
34 35	TN TN	H H		334200 334300	Meter Installations Meter Vaults		1	2.73% 2.73%	3,779 945	QIIP QIIP	5,776 1,324
36	IIN	п		334300	Meter vauits		1	2.73%	945	QIIP	1,324
37	TN	1	Meters - New	334100	Meters		1	7.47%	0		0
38	TN	i	meters new	334200	Meter Installations		1	2.73%	0		0
39											
40	TN	J	Meters - Replaced	334100	Meters		1	7.47%	(194,547)	QIIP	(252,045)
41	TN	J		334200	Meter Installations		1	2.73%	265,971	QIIP	600,474
42											
43	TN	К	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		1	2.19%	0		0
44			SCADA 5. Secretarile state	220400	MATE: CANAL AND PA			4.000/	2 725	656	46.057
45 46	TN TN	L L	SCADA Equipment and Systems	320100 340200	WT Equip Non-Media Computer & Peripheral Equipment		1 1	1.09% 2.19%	2,725 2,485	SEC SEC	16,957 5,920
47	TN	L		340300	Computer Software		1	1.83%	2,465 65	SEC	3,920
48	TN	Ĺ		346100	Comm Equip Non-Telephone		1	4.21%	1,731	SEC	10,508
49	TN	Ĺ		346190	Remote Control & Instrument		1	4.21%	35,876	SEC	132,424
50		-					-		,		,
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply		1	1.98%	599	SEC	1,203
52	TN	M		304200	Struct & Imp-Pumping		1	1.98%	(350)	SEC	(988)
53	TN	M		304300	Struct & Imp-Treatment		1	4.11%	19,688	SEC	53,727
54	TN	M		304400	Struct & Imp-Treatment-T&D		1	2.13%	3,947	SEC	7,292
55	TN	M		304500	Structures & Improvement - General		1	1.13%	70	SEC	385
56	TN	M		340200	Computer & Peripheral Equipment		1	2.19%	197	SEC	392
57	TN	M		347000	Misc Equipment		1	6.33%	1,204	SEC	1,611
58											

Average Accumulated Depreciation Balance for 2020

								_	Estimated		
Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months)	Dep Rate	2020	Surcharge	Average Accumulated Depreciation
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		1	1.13%	0	Jurchange	0
60			W.D.L.	244400	T			15.000/	•		
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		1	16.00%	0		0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		1	16.62%	0		0
63 64	TN	0		341300	Transportation Equip Autos		1	11.38%	0		0
65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		1	6.89%	0		0
66					,,84						
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply		1	1.98%	5,779	SEC	28,507
68	TN	Q		304200	Struct & Imp-Pumping		1	1.98%	22,939	SEC	56,720
69	TN	Q		304300	Struct & Imp-Treatment		1	4.11%	28,571	SEC	52,911
70	TN	Q		304400	Struct & Imp-Treatment-T&D		1	2.13%	547	SEC	2,504
71	TN	Q		304500	Structures & Improvement - General		1	1.13%	872	SEC	3,031
72	TN	Q		304600	Struct & Imp-Offices		1	1.13%	125	SEC	304
73	TN	Q		304700	Struct & Imp-Store,Shop,Garage		1	0.73%	(57)	SEC	(292)
74	TN	Q		306000	Lake, River & Other Intakes		1	0.83%	1,462	SEC	2,976
75	TN	Q		309000	Supply Mains		1	1.87%	184	SEC	1,091
76	TN	Q		310000	Power Generation Equip		1	12.33%	5,720	SEC	25,734
77	TN	Q		311200	Pump Eqp Electric		1	2.45%	(3,081)	SEC	(8,892)
78	TN	Q		311520	Pumping Equipment SOS		1	1.83%	47,652	SEC	132,648
79	TN	Q		320100	WT Equip Non-Media		1	1.09%	31,690	SEC	120,409
80	TN	Q		320200	Water Trmt Equip Filter Media		1	33.69%	292,524	SEC	995,628
81	TN	Q		330000	Dist Reservoirs & Standpipes		1	2.08%	726	SEC	1,884
82	TN	Q		331001	Transmission & Distribution Mains		1	1.25%	(13)	SEC	(33)
83	TN	Q		334100	Meters		1	7.47%	0	SEC	0
84	TN	Q		340200	Computer & Peripheral Equipment		1	2.19%	0	SEC	0
85	TN	Q		340300	Computer Software		1	1.83%	2,683	SEC	6,938
86	TN	Q		340330	Computer Software Other		1	1.83%	26	SEC	68
87	TN	Q		343000	Tools, Shop, Garage Equipment		1	6.89%	60	SEC	187
88	TN	Q		344000	Laboratory Equipment		1	1.01%	(1,458)	SEC	(8,246)
89	TN	Q		345000	Power Operated Equipment		1	7.03%	2,123	SEC	11,697
90	TN	Q		346190	Remote Control & Instrument		1	4.21%	639	SEC	1,379
91	TN	Q		347000	Misc Equipment		1	6.33%	1,438	SEC	3,418
92		~		317000	mise Equipment		-	0.5570	1,150	520	3,110
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment		1	4.11%	(3,900)	QIIP	(21,157)
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint		1	12.06%	130,312	QIIP	581,954
95	TN	R		320100	WT Equip Non-Media		1	1.09%	1,484	QIIP	44,546
96	TN	R		320200	Water Trmt Equip Filter Media		1	33.69%	5,512	QIIP	23,957
97	TN	R		330000	Dist Reservoirs & Standpipes		1	2.08%	20,937	QIIP	41,303
98	TN	R		330003	Tank Repainting		1	11.08%	149,468	QIIP	288,215
99	TN	R		330100	Elevated Tanks & Standpipes		1	2.74%	2,482	QIIP	9,452
100	TN	R		330200	Ground Level Tanks		1	2.74%	46,851	QIIP	64,762
101											
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		1	1.25%	0		0
103			Total Recurring Projects								
104											
105			ACQUISITIONS								
106											
107			Total Acquisitions								
108											
108			CENTRALLY SPONSORED PROJECTS								
	TNI	T26 0202		240215	Computer Coftware Coordal Don D-+-		1	10.00%	•		^
110 111	TN TN	T26-0202 T26-0203	Business Transformation 2010 - 2014 Business Transformation 2010 - 2014	340315 340315	Computer Software Special Deprec Rate Computer Software Special Deprec Rate		1 1	10.00% 10.00%	0		0
	IIN	126-0203		340315	Computer Software Special Deprec Rate		1	10.00%	U		U
112 113			Total Centrally Sponsored Projects								
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%	250,857	QIIP	1,016,953
-					r		-, ,		,		,,

Average Accumulated Depreciation Balance for 2020

								_	Estimated		
		Business Unit				Portion to	In-Service	_			Average
		No.	Project Title	Account	Account Description	Account	(Months)	Dep Rate	2020		Accumulated
Line#										Surcharge	Depreciation
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%	22,465	QIIP	90,673
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%	8,729	QIIP	25,860
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%	(290)	SEC	(903)
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%	167,991	SEC	581,834
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%	0	SEC	0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%	12,005	SEC	180,217
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%	112,665	SEC	453,260
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%	0	SEC	1,730
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%	376	SEC	2,855
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%	52,040	QIIP	50,038
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%	(1,840)	QIIP	(920)
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%	63,924	SEC	41,293
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024			SEC	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%	(107)	QIIP	(62)
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%	(45)	QIIP	(22)
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%	19,198	QIIP	9,599
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%	9,589	EDI	4,795
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%	22,957	EDI	11,478
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%	3,808	SEC	1,904
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024			QIIP	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%	(1,514)	SEC	(3,669)
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%	(30)	SEC	(73)
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%	538	SEC	848
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%	1,865	SEC	3,421
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%	310	SEC	8,713
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022			QIIP	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%	1,248	SEC	2.750
143	TN	126-050004	.,	330200	Ground Level Tanks		12/31/2017	2.74%	6,334	SEC	14,020
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%	372	SEC	819
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%	0	QIIP	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%	0	QIIP	0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%	0	QIIP	0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%	0	QIIP	0
149		120 000001		310200	compater a remplieral equipment		12/51/2011	2.1370	ŭ	ц	· ·
1.5										Total DV	
150									\$2,062,300	Included:	\$6,584,435
151									\$2,002,000		\$0 ,50-1,155
131											
152			Total DV Excluded:						\$2,062,300		\$6,584,435
153									, -, -, -, -, -		70,000,000
154			Total Surcharge Amt:						\$2,042,787		\$6,568,374
			Total out that ge 7 miles						32,042,787		30,308,374
155			2507.1.1						4070.000		42.040.400
156			SEC Total:						\$878,992		\$2,949,109
157											
158			EDI Total:						\$77,211		\$117,977
159											
160			QIIP Total:						\$1,086,583		\$3,501,288

MACIS		State Tax Depreciation				QIIP			
MACIS	Line #	Туре	2014	2015	2016	2017	2018	2019	2020
Book Sid.			\$89,470	\$278,154				\$1,239,280	\$1,658,730
Bonus	2	Book	(31,478)			(676,880)	(764,850)		(1,086,583
Solution	3	Repairs	1,134,155		3,833,297			4,822,198	5,565,917
State Rate State ADIT ST7,400 Sc3,868 S251,150 S218,641 S114,260 S335,880 S386,87 S386	4	Bonus							
State ADIT S	5	Total	\$1,192,147	\$982,582	\$3,863,852	\$3,363,703	\$1,757,845	\$5,167,530	\$6,138,064
State ADIT	6								
State ADIT	-	State Tax Rate	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
		State ADIT	Ć77.400	¢62.000	Ć254.450	Ć240 C44	Ć444.260	ć225 000	ć200.07
Pederal Tax Depreciation Pederal Tax Department		State ADIT	\$77,490	\$63,868	\$251,150	\$218,641	\$114,260	\$335,889	\$398,974
Pederal Tax Depreciation Pederal Tax Department Pe									
13		Fodoral Tay Donraciation				OUD			
Type		rederal Tax Depreciation				QIIP			
MACAS S44,735 S139,073 S279,542 S48,8626 S58,333 S84,5456 S1,825,556 S1,824,556 S1,824,557 S1,824,657 S1,824,677 S1,834,00 4,822,198 S58,559 S1,824,877 S2,657,61,81 S1,824,677 S1,834,07		Time	2014	2015	2016	2017	2010	2010	2020
16									
17									
Bonus									
CIAC S3,384,155 S3,324,074 S5,092,699 S6,069,865 S1,342,874 S4,782,786 S5,761,801 Federal Tax Rate S5,008 S5,008 S5,008,865 S1,342,874 S4,782,786 S5,761,801 Federal Tax Rate Federal Tax Rate S1,184,845 S1,163,426 S1,782,444 S2,124,453 S281,998 S1,002,386 S1,009,886 S1,009,886		•							
Signature Sign			2,236,743	2,480,573	1,446,470	3,033,349			(
Pederal Tax Rate S5.00%		CIAC	Ć2 204 4EE	ć2 224 074	ć= 003 C00	¢c 000 005			
Pederal Tax Rate			\$3,384,155	\$3,324,074	\$5,092,699	\$6,069,865	\$1,342,847	\$4,782,786	\$5,761,838
23 Gross Federal ADIT \$1,184,454 \$1,163,426 \$1,782,445 \$2,124,453 \$281,998 \$1,004,386 \$1,209,93 26 Federal ADIT \$1,187,332 \$1,141,072 \$1,694,552 \$2,2047,929 \$258,003 \$933,849 \$1,125,225 28 Total ADIT \$1,234,822 \$1,204,940 \$1,945,669 \$2,266,570 \$372,263 \$1,269,738 \$1,525,172 29 Total ADIT \$1,234,822 \$1,204,940 \$1,945,669 \$2,266,570 \$372,263 \$1,269,738 \$1,525,172 31 Cumulative ADIT *1,204,940 \$1,945,669 \$2,266,570 \$372,263 \$1,269,745 \$9,819,202 32 NOLC *1,204,940 *1,204,940 \$1,945,692 \$2,266,570 \$372,263 \$1,269,745,915 \$9,819,202 34 *2,204,940 *2,204,940 *2,204,940 *2,204,940 *2,204,940 *2,204,940 *2,204,940 *2,204,940 *2,204,940 <td></td> <td>Fordered Town Date</td> <td>25.000/</td> <td>25 000/</td> <td>25.000/</td> <td>25 000/</td> <td>24 000/</td> <td>24 000/</td> <td>24.000</td>		Fordered Town Date	25.000/	25 000/	25.000/	25 000/	24 000/	24 000/	24.000
24 Gross Federal ADIT \$1,184,454 \$1,163,426 \$1,782,445 \$2,124,533 \$281,998 \$1,004,386 \$1,209,98 25 Minus State @ Federal ADIT \$1,187,332 \$1,141,072 \$1,694,542 \$2,047,929 \$258,003 \$933,849 \$1,126,267 27 Total ADIT \$1,234,822 \$1,244,940 \$1,945,692 \$2,266,570 \$372,263 \$1,269,738 \$1,525,172 30 Cumulative ADIT \$5,655,024 \$7,042,877 \$8,294,025 \$9,819,207 31 Cumulative ADIT \$5,655,024 \$7,042,877 \$8,294,025 \$9,819,207 32 NOLC \$1,234,822 \$1,249,490 \$1,945,692 \$2,065,570 \$372,663 \$1,269,738 \$1,525,172 33 NOLC \$1,234,822 \$1,249,490 \$1,945,692 \$5,045,849 \$6,093,096 \$1,945,912 \$1,945,949 \$1,945,949 \$1,945,949 \$1,945,949 \$1,945,949 \$1,945,949 \$1,945,949 \$1,945,949 \$1,945,949 \$1,945,949 <td></td> <td>Federal Tax Rate</td> <td>35.00%</td> <td>35.00%</td> <td>35.00%</td> <td>35.00%</td> <td>21.00%</td> <td>21.00%</td> <td>21.00%</td>		Federal Tax Rate	35.00%	35.00%	35.00%	35.00%	21.00%	21.00%	21.00%
Minus State @ Federal Rate C27.122 C2.354 C87.032 C16.524 C3.395 C10.537 C13.752 C13.752 C13.753 C13.753		0 5 1 14017	44.404.454	44.450.405	44 700 445	40.404.450	4004.000	44.004.005	44 000 000
Section Sect									
Total ADIT S1,234,822 S1,204,940 S1,945,692 S2,266,570 S372,263 S1,269,738 S1,525,172									
Total ADIT S1,234,822 S1,204,940 S1,945,692 S2,266,570 S372,263 S1,269,738 S1,525,777		Federal ADIT	\$1,157,332	\$1,141,072	\$1,694,542	\$2,047,929	\$258,003	\$933,849	\$1,126,201
Total ADIT									
Section Sect		Total ADIT	\$1,234,822	\$1,204,940	\$1,945,692	\$2,266,570	\$372,263	\$1,269,738	\$1,525,175
NOLC St. April Nounce Note Nounce No									
Net ADIT Span Spa									\$9,819,200
34 35 36 36 36 36 36 36 36 36 36 36 36 36 36					_				C
1	33	Net ADIT			_	\$5,475,497	\$6,039,656	\$7,725,109	\$9,819,200
Total days per Cumulative month Days Prorated Days Proration % ADIT Prorati	34								
Total days per Normation Total days per Norm									
37 month Days Prorated Days Proration % ADIT Proration 38 38 Jan 31 31 335 0.915301 159,72 40 Feb 29 60 306 0.836066 145,90 41 March 31 91 275 0.751366 131,11 42 April 30 121 245 0.669399 116,81 43 May 31 152 214 0.584699 102,03 44 June 30 182 184 0.502732 87,73 45 July 31 213 153 0.418033 72,95 46 August 31 244 122 0.333333 58,16 47 September 30 274 92 0.251366 43,86 48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - 51 Total Days in 7 7 7 7 7 52 Year 366 7 <td>36</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	36								
38 39 40 Feb 29 60 306 0.836066 145,92 41 March 31 91 275 0.75366 131,11 42 April 30 121 245 0.669399 116,83 43 May 31 152 214 0.584699 102,03 44 June 30 182 184 0.502732 87,73 45 July 31 213 153 0.418033 72,95 46 August 31 244 122 0.333333 58,16 47 August 31 244 122 0.333333 58,16 48 October 30 August 31 3244 122 0.233333 58,16 48 October 31 305 61 0.166667 29,08 49 November 30 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - 51 52 70tal Days in year 366 962,17									
Jan 31 31 335 0.915301 159,72	37				month	Days	Prorated Days	Proration %	ADIT Proration
40 Feb 29 60 306 0.836066 145,90 41 March 31 91 275 0.751366 131,11 42 April 30 121 245 0.669399 116,81 43 May 31 152 214 0.584699 102,03 44 June 30 182 184 0.502732 87,73 45 July 31 213 153 0.418033 72,95 46 August 31 244 122 0.333333 58,16 47 September 30 274 92 0.251366 43,86 48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - 51 Total Days in year 366 5 962,17 52 year 366 5 962,17									
41 March 31 91 275 0.751366 131,11 42 April 30 121 245 0.669399 116,81 43 May 31 152 214 0.584699 102,03 44 June 30 182 184 0.502732 87,73 45 July 31 213 153 0.418033 72,95 46 August 31 244 122 0.33333 58,16 47 September 30 274 92 0.251366 43,86 48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - 51 Total Days in 70 70 70 70 70 52 year 366 0 962,17 53 54	39			Jan		31		0.915301	159,727
42 April 30 121 245 0.669399 116,81 43 May 31 152 214 0.584699 102,03 44 June 30 182 184 0.502732 87,73 45 July 31 213 153 0.418033 72,95 46 August 31 214 122 0.333333 58,16 47 September 30 274 92 0.251366 43,88 48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - 51 Total Days in 7 7 962,17 52 year 366 0 962,17 53 54	40			Feb	29	60	306	0.836066	145,900
43 May 31 152 214 0.584699 102,03 44 June 30 182 184 0.502732 87,73 45 July 31 213 153 0.418033 72,95 46 August 31 244 122 0.333333 58,16 47 September 30 274 92 0.251366 43,86 48 October 31 305 61 0.166667 29,06 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 51 Total Days in year 366	41			March	31	91	275	0.751366	131,119
44 June 30 182 184 0.502732 87,73 45 July 31 213 153 0.418033 72,95 46 August 31 244 122 0.333333 58,16 47 September 30 274 92 0.251366 43,86 48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - 51 Total Days in year 366 366 962,17 53 54	42			April	30	121	245	0.669399	116,815
March Marc	43			May					102,034
46 August 31 244 122 0.333333 58,16 47 September 30 274 92 0.251366 43,86 48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,76 50 December 31 366 0 0.000000 - 51 Total Days in 52 year 366 962,17 53 54	44			June	30	182	184	0.502732	87,731
47 September 30 274 92 0.251366 43,86 48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - Total Days in year 366 9962,17 53 54	45			July	31	213	153	0.418033	72,950
48 October 31 305 61 0.166667 29,08 49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 - Total Days in year 366	46			August	31	244	122	0.333333	58,169
49 November 30 335 31 0.084699 14,78 50 December 31 366 0 0.000000 51 Total Days in year 366	47			September	30	274	92	0.251366	43,865
50 December 31 366 0 0.000000	48			October	31	305	61	0.166667	29,085
51 Total Days in Fig. 1. Total Days in Fig. 2. Total Days in Fig.	49			November	30	335	31	0.084699	14,781
Total Days in 52	50			December	31	366	0	0.000000	-
52 year <u>366</u> 962,17 53 54	51								
53 54								•	-
54	52			year	366				962,176
	53								
55 Average ADIT \$8.206.19	54								
	55	Average ADIT							\$8,206,197

	State Tax Depreciation				EDI			
Line #	Туре	2014	2015	2016	2017	2018	2019	2020
1	MACRS	\$1,250	\$13,431	\$28,813	\$41,060	\$60,130	\$93,564	\$151,770
2	Book	(615)	(5,298)	(10,235)	(13,111)	(17,185)	(32,929)	(77,211)
3	Repairs	0	0	0	0	0	0	827,570
4	Bonus							
5	Total	\$635	\$8,133	\$18,578	\$27,949	\$42,945	\$60,635	\$902,129
6								
7	State Tax Rate	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
8								
9	State ADIT	\$41	\$529	\$1,208	\$1,817	\$2,791	\$3,941	\$58,638
10								
11								
12	Federal Tax Depreciation				EDI			
13	-	2014	2045	2046	2047	2040	2040	2020
14	Туре	2014	2015	2016	2017	2018	2019	2020
15	MACRS	\$625	\$6,716	\$14,405	\$20,258	\$35,154	\$68,588	\$126,795
16	Book	(615)	(5,298)	(10,235)	(13,111)	(17,185)	(32,929)	(77,211
17	Repairs	0	0	0	0	0	0	827,570
18	Bonus	31,252	273,252	111,286	208,573	(25.020)	0	0
19 20	CIAC	¢21.262	¢274 670	¢115 456	\$215,720	(35,929)	635.650	6977.154
21		\$31,262	\$274,670	\$115,456	\$215,720	(\$17,960)	\$35,659	\$877,154
22	Federal Tax Rate	35.00%	35.00%	35.00%	35.00%	21.00%	21.00%	21.00%
23	redetal tax Nate	33.00%	33.00%	33.00%	33.00%	21.00%	21.00%	21.00%
24	Gross Federal ADIT	\$10,942	\$96,135	\$40,410	\$75,502	(\$3,772)	\$7,488	\$184,202
25	Minus State @ Federal Rate	(14)	(185)	(423)	(636)	(53,772)	(828)	(12,314
26	Federal ADIT	\$10,928	\$95,950	\$39,987	\$74,866	(\$4,358)	\$6,660	\$171,888
27	reacturities	<u> </u>	755,550	433,367	\$14,000	(\$4,550)	70,000	7171,000
28								
29	Total ADIT	\$10,969	\$96,479	\$41,195	\$76,683	(\$1,567)	\$10,601	\$230,526
30			,,	. ,	, .,	(, ,== ,	, ,,	, ,
31	Cumulative ADIT				\$225,326	\$223,759	\$234,360	\$464,886
32	NOLC				(39,853)	(31,365)	(16,076)	0
33	Net ADIT			-	\$185,473	\$192,394	\$218,284	\$464,886
34				-		, - ,	,	, , , , , , , , , , , , , , , , , , , ,
35								
36								
				Total days per	Cumulative	Prorated		
37				month	Days	Days	Proration %	ADIT Proration
38								
39		J	an	31	31	335	0.915301	18,810
40		F	eb	29	60	306	0.836066	17,181
41		N	∕larch	31	91	275	0.751366	15,441
42		A	April	30	121	245	0.669399	13,756
43		N	Лау	31	152	214	0.584699	12,016
44		J	une	30	182	184	0.502732	10,331
45		J	uly	31	213	153	0.418033	8,591
46		A	August	31	244	122	0.333333	6,850
47		S	eptember	30	274	92	0.251366	5,166
48		(October	31	305	61	0.166667	3,425
49		N	November	30	335	31	0.084699	1,741
50		[December	31	366	0	0.000000	-
51								
			otal Days in					
52		У	rear	366			:=	113,307
53								
54								
55	Average ADIT							\$274,937

MACIS		State Tax Depreciation				SEC			
MACIES	Line #	Туре	2014	2015	2016	2017	2018	2019	2020
Book (7,682) (164,632) (373,622) (516,648) (696,062) (752,493) (878,095) (774,956) (443,070) (1,992,577) (701,114) (701,141)			\$57,507	\$385,807	\$678,405	\$860,029	\$948,665	\$1,028,825	\$1,154,403
Section Sect	2	Book	(7,682)	(164,532)		(516,484)		(752,493)	(878,992)
Section Sect	3	Repairs	214,108	3,146,619	580,590	714,956	443,970	1,892,577	701,164
State Tax Rate	4	Bonus							
State April	5	Total	\$263,933	\$3,367,894	\$886,633	\$1,058,501	\$696,573	\$2,168,909	\$976,575
Sate ADIT	6								
State ADIT	7	State Tax Rate	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
	8								
Federal Tax Depreciation	9	State ADIT	\$17,156	\$218,913	\$57,631	\$68,803	\$45,277	\$140,979	\$63,477
Pederal Tax Depreciation Federal ADIT S228,213 S235,620 S244,679 S444,456 S515,244 S543,401 S668,278 S844,516 Book Federal Tax Repairs CIAC S662,038 S6,736,056 S10,027,38 S30,520 CIS,6484 (696,052) (752,439) (772,439)	10		<u>-</u>						
Type	11								
Type	12	Federal Tax Depreciation				SEC			
MACINS	13								
Rock T,CR82 L164,582 L172,382 L173,682 L164,582 L173,682 L164,582 L173,682 L164,583 L164	14	Туре	2014	2015	2016	2017	2018	2019	2020
Repairs	15	MACRS	\$29,436	\$244,679	\$444,456	\$515,244	\$543,401	\$668,278	\$844,519
Bonus	16	Book	(7,682)	(164,532)	(372,362)	(516,484)	(696,062)	(752,493)	(878,992)
CIAC SSSS_038 S6,736,056 S1,020,798 S3,641,205 S291,309 S1,808,362 S666,66	17	Repairs	214,108	3,146,619	580,590	714,956	443,970	1,892,577	701,164
	18	Bonus	416,176	3,509,290	368,114	2,927,489	0	0	0
Federal Tax Rate	19	CIAC					0	0	0
Federal Tax Rate	20		\$652,038	\$6,736,056	\$1,020,798	\$3,641,205	\$291,309	\$1,808,362	\$666,691
Signatur	21								
64 gross Federal ADIT \$228,213 (6,005) \$23,87,620 (7,6620) \$337,79 (20,121) \$1,274,422 (24,081) \$1,308 (29,080) \$23,900 (13,33) 27 gross Federal ADIT \$222,208 (2,000) \$2,281,000 \$337,108 (20,125) \$1,250,341 (24,081) \$51,667 (35,051) \$130,000 \$13,000 <td< td=""><td>22</td><td>Federal Tax Rate</td><td>35.00%</td><td>35.00%</td><td>35.00%</td><td>35.00%</td><td>21.00%</td><td>21.00%</td><td>21.00%</td></td<>	22	Federal Tax Rate	35.00%	35.00%	35.00%	35.00%	21.00%	21.00%	21.00%
Minus State @ Federal Rate G.005 V.76,620 C.00,171 C.4,081 C.9,080 C.9,060 C.9,0	23								
Minus State @ Federal Rate G.0.005 (76,620) (20,171) (24,081) (9,508) (29,506) (13,32) (22,208) (3,281,000) (3337,08) (31,25),341 (35,045) (335,055) (32,66),545 (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (33,22,08) (33,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,08) (32,22,22,28) (32,22,22,28) (32,22,22,28) (32,22,22,28) (32,22,22,28) (32,22,22,28) (32,22,22,28) (32,22,22,22,28) (32,22,22,22,22,22,22,22,22,22,22,22,22,2	24	Gross Federal ADIT	\$228,213	\$2,357,620	\$357,279	\$1,274,422	\$61,175	\$379,756	\$140,005
Federal ADIT S222,208 S2,281,000 \$337,108 \$1,250,341 \$51,667 \$350,150 \$126,67 \$2350,150 \$126,67 \$239,364 \$2,499,913 \$394,739 \$1,319,144 \$96,944 \$4,91,129 \$190,129	25	Minus State @ Federal Rate							(13,330)
Total ADIT	26	Federal ADIT		\$2,281,000	\$337,108	\$1,250,341	\$51,667	\$350,150	\$126,675
Total ADIT S239,364 S2,499,913 S394,739 \$1,319,144 \$96,944 \$491,129 \$190,129	27								
Total ADIT S239,364 S2,499,913 S394,739 S1,319,144 S96,944 S491,129 S190,123 S1,319,144 S96,944 S491,129 S190,123 S1,319,144 S96,944 S491,129 S190,123 S1,321,333 S1,322 S4,695,437 S2,31,31 S1,322 S4,695,437 S2,31,31 S1,333 S2,3333 S1,333 S2,3333 S2,									
Cumulative ADIT NOLC NOL	29	Total ADIT	\$239,364	\$2,499,913	\$394,739	\$1,319,144	\$96,944	\$491,129	\$190,152
Cumulative ADIT NOLC NOL	30								
No.		Cumulative ADIT				\$4,453,160	\$4,550,104	\$5.041.233	\$5,231,385
Net ADIT Sa,665,541 Sa,912,292 S4,695,437 S5,231,31									0
34 35 36 37 37 38 31 31 33 33 33 34 35 35 35 35									\$5,231,385
Total days per month							. , ,		. , , ,
Total days per month Cumulative Days Prorated Days Proration % ADIT Provation % ADIT Proration % ADIT Provation									
Total days Frorated Days Prorated Days Prorated Days Proration ADIT Proration									
Month Cumulative Days Prorated Days Proration ADIT Proration 38	50				Total days ner				
38 39	37					Cumulative Days	Prorated Days	Proration %	ADIT Proration
39 Jan 31 31 335 0.915301 40,8 40 Feb 29 60 306 0.836066 37,3 41 March 31 91 275 0.751366 33,5 42 April 30 121 245 0.669399 29,8 43 May 31 152 214 0.584699 26,1 44 June 30 182 184 0.502732 22,4 45 July 31 213 153 0.418033 18,6 46 August 31 244 122 0.333333 14,8 47 September 30 274 92 0.251366 11,2 48 October 31 305 61 0.166667 7,4 49 November 30 335 31 0.084699 3,7 50 December 31 366 0 0.000000 - 51 Total Days in Year 366 0 0.000000 - 52 Year 366 0 0.000000 - 246,25 53 34 366 0 0.000000 </td <td></td> <td></td> <td></td> <td></td> <td>monen</td> <td>Cumulative Days</td> <td>Trotatea bays</td> <td>110141101170</td> <td>ABITITOTATION</td>					monen	Cumulative Days	Trotatea bays	110141101170	ABITITOTATION
Feb 29 60 306 0.836066 37,341			lan		31	31	335	0.915301	40 879
41 March 31 91 275 0.751366 33,51 42 April 30 121 245 0.669399 29,81 43 May 31 152 214 0.584699 26,11 44 June 30 182 184 0.502732 22,41 45 July 31 213 153 0.418033 18,61 46 August 31 244 122 0.333333 14,81 47 September 30 274 92 0.251366 11,22 48 October 31 305 61 0.166667 7,4 49 November 30 335 31 0.084699 3,73 50 December 31 366 0 0.000000 - 51 Total Days in 7 7 7 7 7 52 year 366 1 0.000000 - 246,25 53 34 366 0 0.000000 - 246,25									37,341
April 30 121 245 0.669399 29,88 43 May 31 152 214 0.584699 26,13 44 June 30 182 184 0.502732 22,44 45 July 31 213 153 0.418033 18,61 46 August 31 244 122 0.333333 14,86 47 September 30 274 92 0.251366 11,21 48 October 31 305 61 0.166667 7,4 49 November 30 335 31 0.084699 3,76 50 December 31 366 0 0.000000 - 51 52 year 366 52 53 54									33,558
May 31 152 214 0.584699 26,11									29,897
44 June 30 182 184 0.502732 22,41 45 July 31 213 153 0.418033 18,61 46 August 31 244 122 0.333333 14,81 47 September 30 274 92 0.251366 11,21 48 October 31 305 61 0.166667 7,44 49 November 30 335 31 0.084699 3,76 50 December 31 366 0 0.000000 - 51 Total Days in year 366 52 year 366			·						26,114
July 31 213 153 0.418033 18,61 46			•						
August 31 244 122 0.33333 14,81 47 September 30 274 92 0.251366 11,23 48 October 31 305 61 0.166667 7,44 49 November 30 335 31 0.084699 3,73 50 December 31 366 0 0.000000 - Total Days in year 366									
September 30 274 92 0.251366 11,23 148 0.251366 11,23 1305 61 0.166667 7,44 149			•						
48 October 31 305 61 0.166667 7,44 49 November 30 335 31 0.084699 3,73 50 December 31 366 0 0.000000 - 51 Total Days in year 366 246,22 53 54									
49 November 30 335 31 0.084699 3,77 50 December 31 366 0 0.000000 - 51			•						7,444
50 December 31 366 0 0.000000 - 51 Total Days in 52 year 366 246,25 53 54									3,783
51 Total Days in 52 year 366 246,25 53									5,783
Total Days in 52 year 366 53 54			pecember		31	366	U	0.000000	-
52 year <u>366</u> <u>246,2</u> : 53 54	31		Total Dave in			-			
53 54	F2				366				246 252
54			year		366	=		:	246,253
55 Average ADIT \$4,818,50								ı	4
	55	Average ADIT							\$4,818,563

	State Tax Depreciation				Total			
Line #	Туре	2014	2015	2016	2017	2018	2019	2020
1	MACRS	\$148,227	\$677,392	\$1,204,383	\$1,666,902	\$1,993,090	\$2,361,669	\$2,964,903
2	Book	(39,775)	(294,063)	(849,206)	(1,206,475)	(1,478,097)	(1,679,369)	(2,042,787)
3	Repairs	1,348,263	3,975,280	4,413,887	3,989,726	1,982,370	6,714,775	7,094,651
4	Bonus							
5	Total	\$1,456,715	\$4,358,609	\$4,769,064	\$4,450,153	\$2,497,363	\$7,397,075	\$8,016,767
6								
7	State Tax Rate	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
8								
9	State ADIT	\$94,686	\$283,310	\$309,989	\$289,260	\$162,329	\$480,810	\$521,090
10								
11								
12	Federal Tax Depreciation				Total			
13								
14	Туре	2014	2015	2016	2017	2018	2019	2020
15	MACRS	\$74,796	\$390,468	\$738,403	\$974,128	\$1,163,908	\$1,591,402	\$2,253,818
16	Book	(39,775)	(294,063)	(849,206)	(1,206,475)	(1,478,097)	(1,679,369)	(2,042,787)
17	Repairs	1,348,263	3,975,280	4,413,887	3,989,726	1,982,370	6,714,775	7,094,651
18	Bonus	2,684,171	6,263,115	1,925,870	6,169,411	0	0	0
19	CIAC					(51,986)	0	0
20		\$4,067,455	\$10,334,800	\$6,228,954	\$9,926,790	\$1,616,195	\$6,626,808	\$7,305,682
21								
22	Federal Tax Rate	35.00%	35.00%	35.00%	35.00%	21.00%	21.00%	21.00%
23								
24	Gross Federal ADIT	\$1,423,609	\$3,617,180	\$2,180,134	\$3,474,376	\$339,401	\$1,391,630	\$1,534,193
25	Minus State @ Federal Rate	(33,140)	(99,159)	(108,496)	(101,241)	(34,089)	(100,970)	(109,429)
26	Federal ADIT	\$1,390,469	\$3,518,021	\$2,071,638	\$3,373,135	\$305,312	\$1,290,660	\$1,424,764
27			, -,,-	. /- /	, -,,	, , .	. , ,	. , , , .
28								
29	Total ADIT	\$1,485,155	\$3,801,331	\$2,381,627	\$3,662,395	\$467,641	\$1,771,470	\$1,945,854
30			, -, ,	. , ,-	, - , ,	, , , ,	, , , ,	, ,,
31	Cumulative ADIT				\$11,330,508	\$11,798,149	\$13,569,619	\$15,515,473
32	NOLC				(2,003,999)	(1,653,808)	(930,788)	0
33	Net ADIT			-	\$9,326,509	\$10,144,341	\$12,638,831	\$15,515,473
34				-	+=,===,===	+	,,,	Ţ==,==, c
35					(\$2)	(\$0)	\$0	(\$0)
36					(72)	(50)	ŞÜ	(50)
30				Total days per	Cumulative			
37				month	Days	Prorated Days	Proration %	ADIT Proration
38				month	Days	Trotated Days	1 TOTALION 70	ADITITIONALION
39		Jan		31	31	335	0.915301	219,416
40		Feb		29	60	306	0.836066	200,422
41		March		31	91	275	0.751366	180,118
42		April		30	121	245	0.669399	160,468
43		·		31		214	0.584699	
44		May June		30	152 182	184	0.502732	140,164 120,515
45				31	213	153	0.418033	
		July		31	213			100,211
46		August		31	244	122 92	0.333333	79,907
47 49		September					0.251366	60,258
48		October		31	305	61	0.166667	39,953
49		November		30	335	31	0.084699	20,304
50		December		31	366	0	0.000000	-
51		Total Dave :-					-	
		Total Days in		255				4 224 =25
52		year	;	366			:	1,321,736
53								
54 55	Average ADIT							\$13,299,697

Line#			Actual Docket # 15-00029 2014	Actual Docket # 16-00022 2015	Actual Docket # 17-00020 2016	Actual Docket # 18-00022 2017	Estimate Docket # 17-00124 2018	Estimate Docket # 18-00120 2019	Estimate Docket # 19-00XXX 2020
1	=		2014	2013	2010	2017	2018	2013	2020
2	Revenue		\$338,645	\$1,481,559	\$4,426,167	\$6,222,731	\$7,734,569	\$9,026,095	\$11,397,732
3	B 10 5		(20.770)	(204.052)	(0.40.205)	(4.206.475)	(4.450.070)	(4.704.675)	(2.042.707)
4	Depreciation Expense		(39,779)	(294,063)	(849,206)	(1,206,475)	(1,452,070)	(1,734,675)	(2,042,787)
5 6	Property Tax and Franchise Taxes	3.191%	(42,173)	(164,209)	(491,132)	(642,312)	(753,665)	(960,594) (288,023)	(1,205,529) (363,702)
7	Revenue Tax (Uncoll, Forfeited Discounts, GR) Interest Expense	3.191%	(10,806) (116,196)	(47,277) (420,645)	(141,239) (1,331,718)	(198,567) (1,712,626)	(246,810) (2,380,702)	(2,717,538)	(2,717,538)
8	Book Income before Income Tax		129,691	555,365	1,612,872	2,462,751	2,901,322	3,325,264	5,068,176
9	BOOK III.COME DETOTE MICOME TAX		125,051	333,303	1,012,072	2,402,731	2,301,322	3,323,204	3,008,170
10	State Book/Tax Adjustment-Depr.		(1,456,715)	(4,358,609)	(4,769,064)	(4,450,153)	(\$2,497,363)	(\$7,397,075)	(\$8,016,767)
11	State Booky rax riajustinent Bep.		(1) (30), 13)	(1,550,005)	(1,703,001,	(1,130,133)	(\$2,137,303)	(\$1,551,615)	(\$0,010,707)
12	State Taxable Gain(Loss)		(1,327,024)	(3,803,244)	(3,156,192)	(1,987,402)	403,959	(4,071,811)	(2,948,592)
13	, , , ,		(/- /- /	(-,,	(-,, - ,	(, , - ,	,	(/- /- /	(// /
14	State Current Tax Expense (Benefit)	6.500%	(86,257)	(247,211)	(205,152)	(129,181)	26,257	(264,668)	(191,658)
15									
16	Federal Book/Tax Adjustment-Depr.		(4,067,455)	(10,334,800)	(6,228,954)	(9,926,790)	(\$1,616,195)	(\$6,626,808)	(\$7,305,682)
17									
18	Federal Taxable Gain(Loss)		(3,851,507)	(9,532,224)	(4,410,929)	(7,334,858)	1,258,869	(3,036,876)	(2,045,848)
19									
20									
21	Federal Current Tax Expense (Benefit)	35.000% 21.00%		(3,336,278)	(1,543,825)	(2,567,200)	264,363	(637,744)	(429,628)
22	State Current Tax Expense (Benefit)	6.500%	(86,257)	(247,211)	(205,152)	(129,181)	26,257	(264,668)	(191,658)
23	Federal Deferred Tax Expense		1,390,469	3,518,022	2,071,638	3,373,136	305,312	1,290,660	1,424,764
24	State Deferred Tax Expense		94,686	283,310	309,989	289,260	162,329	480,810	521,090
25 26	Total Tax Expense		50,871	217,842	632,649	966,014	758,261	869,058	1,324,568
27	Federal NOL Build (Use)		\$1,348,027	\$3,336,278	\$1,543,825	\$2,567,200	(\$264,363)	\$637,744	\$429,628
28	rederal NOL Build (OSE)		71,340,027	\$3,330,276	\$1,545,625	\$2,307,200	(3204,303)	3037,744	3423,020
29									
30	Balance Sheet:								
31	Deferred Tax Liability (credit balance)		(\$1,485,155)	(\$5,286,487)	(\$7,668,113)	(\$11,330,509)	(\$11,798,149)	(\$13,569,619)	(\$15,515,473)
32	Deferred Tax Asset-Federal		1,348,027	1,978,524	1,994,744	2,003,998	1,653,808	930,788	-
33	Net Liability (liab = credit balance)		(\$137,128)	(\$3,307,962)	(\$5,673,369)	(\$9,326,511)	(\$10,144,341)	(\$12,638,831)	(\$15,515,473)
34									
35	2017 Average ADIT								
36									
37	Interest Expense Calc:		2014	2015	2016	2017	2018	2019	2020
38									
39									
40	Annual Interest Rate		3.80%	3.80%	3.80%	3.80%	3.80%	3.80%	3.80%
41	Accesses Data Dasa		62.064.707	644 004 453	¢25 004 274	Ć45 420 222	ćc2 7 22 205	ć74 COO 444	ć02 220 7 60
42 43	Average Rate Base		\$3,061,797	\$11,084,153	\$35,091,271	\$45,128,323	\$62,732,385	\$71,608,141	\$92,230,768
43 44	Interest Expense		\$116,196	\$420,645	\$1,331,718	\$1,712,626	\$2,380,702	\$2,717,538	\$2,717,538
44									
46	NOLC Total Company		\$6,174,119	\$5,652,927	\$5,699,269	\$5,725,709	\$4,725,166	\$2,659,394	\$0
47			35%	35%	35%	35%	35%	35%	35%
48			\$2,160,942	\$1,978,524	\$1,994,744	\$2,003,998	\$1,653,808	\$930,788	\$0
49			. ,,	. ,,:	. , ,	. ,,	. ,,-	,	

		Business Unit No.	Project Title	Account	Account Descrip	Surcharg	Repairs	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Y3 Tax Depr Rate	Y4 Tax Depr Rate	Y5 Tax Depr Rate	Y6 Tax Depr Rate	Y7 Tax Depr Rate
Line #			RECURRING PROJECTS			e	Туре								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
3	TN	DV	riojens randea by others	333000	Services		T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
4	TN	DV		335000	Hydrants		T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
5				333000	Tryarana		145	25 /-	0.02	0.01	0.01	0.01	0.01	0.01	0.0
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.0256
7	TN	Α		331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
8	TN	Α		333000	Services	EDI	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
9	TN	Α		334300	Meter Vaults	EDI	No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
10	TN	Α		335000	Hydrants	EDI	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
11															
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
13	TN	В		333000	Services	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
14	TN	В		335000	Hydrants	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
15															
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
17	TN	С		335000	Hydrants	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
18		_													
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
20	TN TN	D D		333000	Services	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
21	IN	D		335000	Hydrants	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
22 23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
24	TN	E	nyurants, valves, and ivialificies - New	335000	Hydrants	EDI	T&D			0.04	0.04	0.04	0.04	0.04	0.
25	IIN	E		333000	nyurants	EDI	IND	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	U.
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
27	TN	F	riyurants, vaives, and mannoles - Replaced	335000	Hydrants	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
28				333000	nydiants	QIII	IQD	23 yı	0.02	0.04	0.04	0.04	0.04	0.04	0.
29	TN	G	Services and Laterals - New	333000	Services		T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
30		Ü	Services and Editorals Trew	333000	30.11003		142	25 /	0.02	0.01	0.01	0.01	0.01	0.01	0
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
32	TN	н	•	333000	Services	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
33	TN	н		334100	Meters	QIIP	No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
34	TN	н		334200	Meter Installations	QIIP	No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
35	TN	н		334300	Meter Vaults	QIIP	No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
36															
37	TN	1	Meters - New	334100	Meters		No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
38	TN	1		334200	Meter Installations		No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
39															
40	TN	J	Meters - Replaced	334100	Meters	QIIP	No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
41	TN	J		334200	Meter Installations	QIIP	No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.
42															
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
44															
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.0
46	TN	L		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
47	TN	L		340300	Computer Software	SEC	Non T&D	3 yr	0.3333	0.3333	0.3334	0.4453	0.4453	0.0576	
48	TN	L		346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
49 50	TN	L		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
	TN	М	Conveity Faulinment and Customs	304100	Struct & Imp Cumply	SEC	Non TOD	20.00	0.01202	0.02564	0.02564	0.02564	0.02564	0.02564	0.025
51 52	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply Struct & Imp-Pumping	SEC	Non T&D Non T&D	39 yr 39 yr	0.01282 0.01282	0.02564 0.02564	0.02564	0.02564	0.02564	0.02564	0.025
53	TN	M		304200	Struct & Imp-Pumping Struct & Imp-Treatment	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.025
54	TN	M		304300	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr 39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.025
55	TN	M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.025
56	TN	M		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0.01282	0.02304	0.02304	0.02304	0.02304	0.02304	0.023
57	TN	M		347000	Misc Equipment	SEC	Non T&D	25 yr	0.02	0.04	0.192	0.1132	0.1132	0.0370	0.
58		141		347000	wise Equipment	JEC	NOIT TOLD	23 %	0.02	0.04	0.04	0.04	0.04	0.04	0.
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.025
60			zzzz za operations centers	30.300	Struct & mp Treatment			35 7.	3.01232	3.02304	3.02304	3.02304	3.02304	3.02304	5.5250

		Business Unit No.	Project Title	Account	Account Descrip	Surcharg	Repairs	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Y3 Tax Depr Rate	Y4 Tax Depr Rate	Y5 Tax Depr Rate	Y6 Tax Depr Rate	Y7 Tax Depr Rate
Line # 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	e	Type Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
62	TN	0	vernoies	341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
63 64	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
68	TN	Q	Process Flant Facilities and Equipment	304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
69	TN	Q		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
71	TN	à		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
72	TN	Q		304600	Struct & Imp-Offices	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
73	TN	Q Q		304700	Struct & Imp-Store,Shop,Garage	SEC	Non T&D	39 vr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
74	TN	à		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
75	TN	à		309000	Supply Mains	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
78	TN	Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
83	TN	Q		334100	Meters	SEC	No	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr	0.3333	0.3333	0.3334				
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0.3333	0.3333	0.3334				
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
91 92	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
100 101	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
103			Total Recurring Projects												
104															
105 106			ACQUISITIONS												
107 108			Total Acquisitions												
100			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0.3333	0.3333	0.3334				
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0.3333	0.3333	0.3334				
112		0 0203	Total Centrally Sponsored Projects	3.0313	22pater sortmane special sepice nate			٠,٠	0.5555	0.5555	0.5554				
113			,												

156

157 158

159 160 SEC Total:

EDI Total:

QIIP Total:

Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	Y1 Tax Depr Rate	Y2 Tax Depr Rate	Y3 Tax Depr Rate	Y4 Tax Depr Rate	Y5 Tax Depr Rate	Y6 Tax Depr Rate	Y7 Tax Depr Rate
114			INVESTMENT PROJECTS												
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 vr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
119	TN	126-020032	• ,	304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
128	TN	126-020044	New Raw Water Intake Citico			SEC									
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP									
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
139	TN	126-050002		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
140	TN	126-050002		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP									
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0.01282	0.02564	0.02564	0.02564	0.02564	0.02564	0.02564
143	TN	126-050004		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
144	TN	126-050004		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr	0.02	0.04	0.04	0.04	0.04	0.04	0.04
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr	0.2	0.32	0.192	0.1152	0.1152	0.0576	
149															
150															
151			Tax depreciation rates used by the company												
152			Total DV Excluded:												
153 154			Total Surcharge Amt:												
155															
156			CEC Totals												

									Net	Investment By Year					
	Business No.		Project Title	Account	Account Descrip	Surcharg	Repairs	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
Line #			RECURRING PROJECTS			е	Туре								
2	TN DV	,	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	TN DV		rojects runded by Others	333000	Services		T&D	25 yr	0	0	0	0	0	0	0
4	TN DV			335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
5	110 00	'		333000	riyurants		TOD	23 yı	U	U	U	U	U	U	U
6	TN A		Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr					104,691	204,566	234,528
7	TN A			331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	456,264	597,576	905,421	1,333,654	2,170,678	2,421,785
8	TN A			333000	Services	EDI	T&D	25 yr	0	3,176	5,754	7,459	9,131	14,813	16,517
9	TN A			334300	Meter Vaults	EDI	No	25 yr	0	0	18,184	18,184	18,184	35,531	40,735
10	TN A			335000	Hydrants	EDI	T&D	25 yr	0	11,329	24,701	53,504	53,335	93,408	105,430
11					,										
12	TN B		Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	804,983	1,796,068	2,522,367	5,002,737	5,792,864	7,447,318	10,094,654
13	TN B			333000	Services	QIIP	T&D	25 yr	22,175	171,623	177,865	486,978	602,211	780,451	1,065,658
14	TN B			335000	Hydrants	QIIP	T&D	25 yr	27,283	25,909	32,852	116,906	128,112	170,419	238,114
15															
16	TN C		Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	979,105	1,880,706	4,158,822	6,004,050	7,357,687	9,111,093	10,809,549
17	TN C			335000	Hydrants	QIIP	T&D	25 yr	0	0	4,979	4,979	4,979	6,573	8,117
18															
19	TN D		Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	69,181	1,415,151	1,052,042	1,442,988	1,762,474	2,014,173	2,265,873
20	TN D			333000	Services	QIIP	T&D	25 yr	288	1,328	1,335	18,367	18,016	22,731	27,447
21	TN D			335000	Hydrants	QIIP	T&D	25 yr	0	7,286	11,673	40,462	72,765	91,350	109,936
22															
23	TN E		Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	23,936	108,049	143,671	188,630	191,601	255,697	311,335
24	TN E			335000	Hydrants	EDI	T&D	25 yr	38,569	30,189	41,693	48,237	76,077	155,981	225,343
25															
26	TN F		Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	21,480	121,273	140,790	191,331	196,998	265,884	345,397
27	TN F			335000	Hydrants	QIIP	T&D	25 yr	219,103	410,751	506,611	620,689	806,677	1,179,791	1,610,466
28															
29	TN G		Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	1,133,000	2,433,000
30															
31	TN H		Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr					0	0	0
32	TN H			333000	Services	QIIP	T&D	25 yr	442,503	871,492	1,279,335	1,872,518	2,074,366	2,705,739	3,383,845
33	TN H			334100	Meters	QIIP	No	25 yr	0	0	4,971	17,011	26,480	40,378	55,306
34	TN H			334200	Meter Installations	QIIP	No	25 yr					79,386	121,055	165,808
35	TN H			334300	Meter Vaults	QIIP	No	25 yr					19,165	29,224	40,028
36				224422											
37 38	TN I		Meters - New	334100	Meters		No	25 yr	0	0	0	0	0	0	0
38 39	TN I			334200	Meter Installations		No	25 yr	0	U	U	U	0	0	0
40	TN J		Markova Dominarad	334100		QIIP	No	25	43,095	278,825	295,389	597,628	603,786	884,306	985,437
40	TN J		Meters - Replaced		Meters Meter Installations	QIIP	No No	25 yr	618,384	1,492,760		3,814,438	6,096,877	10,071,356	11,504,198
42	IIN J			334200	Meter Installations	QIIP	NO	25 yr	010,364	1,492,760	2,362,958	3,014,430	0,090,677	10,071,556	11,504,196
43	TN K		ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0	0	0	0	0	0	0
44	III K		113 Equipment and Systems	340200	Computer & Peripheral Equipment		Non Tab	J yı	U	U	U	U	U	U	U
45	TN L		SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	268,337	268,337	268,337	268,337	268,337	268,337	268,337
46	TN L		SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	17,205	(0)	49,331	55,351	79,653	101,530	127,721
47	TN L			340300	Computer Software	SEC	Non T&D	3 yr	17,203	(0)	45,551	33,331	2,492	3,176	3,996
48	TN L			346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr	57,328	41,119	41,119	41,119	41,119	41,119	41,119
49	TN L			346190	Remote Control & Instrument	SEC	Non T&D	5 yr	144,865	436,754	567,583	726,799	871,624	991,063	1,134,052
50	2			310130	nemote control a modament	520	11011 143	5 /.	111,000	130,731	307,303	720,733	071,021	331,003	1,131,032
51	TN M		Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	20,271	20,271	26,770	34,223
52	TN M		, 4	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
53	TN M			304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	131,615	190,909	316,721	389,532	472,227	567,051
54	TN M			304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	43,791	49,087	124,095	163,884	209,508
55	TN M			304500	Structures & Improvement - General	SEC	Non T&D	39 yr	6,193	6,193	6,193	6,193	6,193	6,193	6,193
56	TN M			340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	5,638	6,028	7,961	10,177
57	TN M			347000	Misc Equipment	SEC	Non T&D	25 yr					12,737	16,821	21,504
58								*							
59	TN N		Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0
60															

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							Net Investment By Year								
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
64															
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	132,235	122,766	238,495	712,119	237,419	275,326	308,831
68	TN	Q		304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	375,214	833,440	868,258	1,155,328	1,409,056
69	TN	Q		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	7,125	21,474	151,998	597,277	792,398	964,856
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	25,654	25,679	25,679	25,679	25,687	25,695
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	27,713	27,713	61,239	61,239	72,324	82,121
72	TN	Q		304600	Struct & Imp-Offices	SEC	Non T&D	39 yr	0	0	0	7,517	7,517	10,002	12,198
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0	0	24,247	24,247	169,120	225,036	274,457
75	TN	Q		309000	Supply Mains	SEC	Non T&D	25 yr	9,862	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr	25,066	25,066	25,066	39,524	39,524	44,304	48,528
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0	18,849	21,062	41,372	75,902	94,766	111,438
78	TN	Q.		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	115,840	465,043	852,578	1,735,922	1,973,004	2,471,578	2,912,244
79	TN	à		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	376,215	1,806,356	1,870,356	2,643,609	3,172,823	3,624,616	4,023,933
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	0	693,894	696,056	923,326	1,145,843	1,295,270	1,427,341
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0	055,054	050,050	23,679	23,679	31,508	38,428
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	23,073	23,073	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	0	0	0	0	0	0	0
84	TN	Q		340200		SEC	Non T&D		0	0	0	0	0	0	0
	TN	Q			Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	99,427	99,427	132,301	161,356
85				340300	Computer Software			3 yr	0	0	0				
86	TN TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0	0	-	977	977	1,300	1,586
87		Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	-	o o	3,294	3,294	3,294	4,383	5,346
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	0	1,452	4,899	4,899	6,519	7,950
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	41,485	41,485	41,485	41,485	41,485	41,485
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	3,502	3,502	6,104	14,524	18,169	21,390
91	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0	7,793	7,793	7,793	21,681	26,273	30,331
92															
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	(778)	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	2,337,229	2,310,463	259,932	259,932	259,932	259,932	259,932
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	52,740	52,740	52,740	52,740	52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	22,832	567,580	23,045	23,045	472,407	712,333	1,277,055
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0	46,367	338,167	940,315	799,647	1,185,131	2,092,455
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0	0	90,599	90,599	90,599	90,599	90,600
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	0	485,065	598,079	1,097,668	2,273,561
101															
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
103			Total Recurring Projects												
104															
105			ACQUISITIONS												
106															
107			Total Acquisitions												
108			¥2												
109			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			3 yr	0	0	0	0	0	0	0
112		5 0205	Total Centrally Sponsored Projects	5.0515	22parer soremare special sepice nate			- 1.	o o	· ·	0	· ·	· ·	Ü	· ·
112			.o.a. centrally sponsored i rojects												

								Net Investment By Year							
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
114			INVESTMENT PROJECTS												
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	6,290,400	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028	Cicles Flant Improvements Flase 15 (90.0)	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	2,096,800	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0	0	0	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	14,597	0	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	394,579	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	9,374,098	9,103,923	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	5,603,877	5,988,538	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	46,777	45,429	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr	0	18,711	18,537	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	4,163,178	4,163,178
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	6,598,975
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	5,700,000	6,073,150
128	TN	126-020044	New Raw Water Intake Citico			SEC							0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr					0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	759,050
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr					0	0	1,108,100
133 134	TN TN	126-0200XX 126-0200XX	River Gorge Booster Station	311200 306000	Pump Eqp Electric Lake, River & Other Intakes	EDI SEC	Non T&D Non T&D	25 yr 25 yr					0	0	1,107,380 748,136
	TN		Replace North Traveling Screen	306000	Lake, River & Other Intakes	QIIP	NOII TAD	25 yı					0	0	746,136
135 136	TN	126-050001 126-050002	Raw Water Intake Improvements Whitwell	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr					0	0	0
137	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping Struct & Imp-Treatment	SEC	Non T&D	39 yr					0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr					25,260	25,260	25,260
139	TN	126-050002		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	63,811	171,114	171,114	171,114
140	TN	126-050002		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	286,295	13,481	13,481	13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	310130	nemote control & matrament	QIIP		5 /.	Ü	•	Ü	200,233	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr					58,596	58,596	58,596
143	TN	126-050004		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	0	0	0	234,540	234,540	234,540
144	TN	126-050004		346190	Remote Control & Instrument	SEC	Non T&D	5 yr					8,830	8,830	8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr	0	0	0	0	0	0	0
149								_							*
150								_	\$6,823,293	\$31,188,399	\$44,764,131	\$57,758,447	\$65,847,354	\$90,453,532	\$115,174,050
151			Tax depreciation rates used by the company					_							
152			Total DV Excluded:					_	\$6,823,293	\$31,188,399	\$44,764,131	\$57,758,447	\$65,847,354	\$90,453,532	\$115,174,050
153								_							
154			Total Surcharge Amt:					_	\$6,823,293	\$31,188,399	\$44,764,131	\$57,758,447	\$65,847,354	\$89,320,532	\$112,741,050
155								_							
156			SEC Total:					_	\$1,153,147	\$19,182,588	\$20,978,192	\$24,783,741	\$26,473,944	\$34,215,944	\$37,222,029
157								_							
158			EDI Total:					_	\$62,504	\$609,007	\$831,579	\$1,221,435	\$1,786,673	\$2,930,673	\$5,571,153
159 160			QIIP Total:					_	\$5,607,642	\$11,396,805	\$22,954,361	\$31,753,270	\$37,586,737	\$52,173,915	\$69,947,869
100			QIIF Total.					_	73,007,042	711,330,003	722,337,301	731,733,270	731,300,131	732,113,313	703,347,003

							_			Та	xable CIAC By Year			
Line #	Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
1		RECURRING PROJECTS				.,,,,								
2 TI	N DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 TI	N DV		333000	Services		T&D	25 yr	0	0	0	0	0	0	0
4 TI	V DV		335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
5		Marine Marin	204400	Charact O Law Touchas and TOD		N T0D	20	0	0	0	0	0	0	0
6 TI		Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr		-			-	-	-
7 TI			331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	0	0	0	0	0	0
8 TI			333000	Services	EDI	T&D	25 yr	0	0	0	0	0	0	0
9 TI			334300	Meter Vaults	EDI	No	25 yr	0	0	0	0	0	0	0
10 TI	N A		335000	Hydrants	EDI	T&D	25 yr	U	Ü	0	0	U	U	U
12 TI	N B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
13 TI	N B	•	333000	Services	QIIP	T&D	25 yr	0	0	0	0	0	0	0
14 TI	N B		335000	Hydrants	QIIP	T&D	25 yr	0	0	0	0	0	0	0
15														
16 TI		Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
17 TI	N C		335000	Hydrants	QIIP	T&D	25 yr	0	0	0	0	0	0	0
18		Maine Beleveted	224.004	Transmission & Distribution Main	QIIP	T0.0	25	0	0	0	0	F 407	0	0
19 TI		Mains - Relocated	331001	Transmission & Distribution Mains		T&D	25 yr				0	5,197		0
20 TI			333000	Services	QIIP	T&D	25 yr	0	0	0	0	0	0	0
21 TI 22	N D		335000	Hydrants	QIIP	T&D	25 yr	U	U	0	0	2,132	U	U
23 TI	N F	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	0	0	0	0	0	0
24 TI		.,,,,,,	335000	Hydrants	EDI	T&D	25 yr	0	0	0	0	35,929	0	0
25				,			,							
26 TI	N F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
27 TI	N F		335000	Hydrants	QIIP	T&D	25 yr	0	0	0	0	8,727	0	0
28														
29 TI 30	N G	Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	0	0
31 TI	и н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
32 TI	N H		333000	Services	QIIP	T&D	25 yr	0	0	0	0	0	0	0
33 TI			334100	Meters	QIIP	No	25 yr	0	0	0	0	0	0	0
34 TI	N H		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	0	0	0
35 TI	и н		334300	Meter Vaults	QIIP	No	25 yr	0	0	0	0	0	0	0
36														
37 TI		Meters - New	334100	Meters		No	25 yr	0	0	0	0	0	0	0
38 TI	N I		334200	Meter Installations		No	25 yr	0	0	0	0	0	0	0
39								_	_	_	_	_	_	_
40 TI		Meters - Replaced	334100	Meters	QIIP	No	25 yr	0	0	0	0	0	0	0
41 TI	N J		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	0	0	0
42 43 TI	N K	ITC Favinment and Customs	340300	Computer & Desigheral Favinment		Non T&D	F	0	0	0	0	0	0	0
45 11	N K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		NOILL	5 yr	U	U	U	U	U	U	U
45 TI	N L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
46 TI		SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
47 TI			340300	Computer Software	SEC	Non T&D	3 yr	0	0	0	0	0	0	0
48 TI			346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
49 TI			346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
50	-		0.0200				- /-	•	-	-	-	•	-	-
51 Tr	N M	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
52 TI	N M		304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
53 Tf	N M		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
54 Tr			304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
55 Tf	N M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
56 Tf	N M		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
57 Tr	N M		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
58 59 Tr	N N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0
59 II	· IN	Onices and Operations Centers	304300	Struct & http-freatment		ווטוו ומט	35 yı	U	U	U	U	U	U	U

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											Tax	cable CIAC By Year			
		Business Unit No.	Project Title	Account	Account Descrip	Surcharg	Repairs	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
Line #						e	Туре								
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63 64	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
68	TN	Q	4.,	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
69	TN	Q		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
72	TN	Q		304600	Struct & Imp-Offices	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
73	TN	à		304700	Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
74	TN	à		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
75	TN	à		309000	Supply Mains	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
76	TN	ā		310000	Power Generation Equip	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
78	TN	Q Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
79	TN	Q Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	0	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
85	TN	Q		340300	Computer & Peripheral Equipment Computer Software	SEC	Non T&D		0	0	0	0	0	0	0
86	TN	Q		340300	Computer Software Computer Software Other	SEC	Non T&D	3 yr 3 yr	0	0	0	0	0	0	0
87	TN	Q		343000	•				0	0	0	0	0	0	0
					Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	0	0		0	0	
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	0	-	0	0	•	0
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	-	0	0	0	0	0
91	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	U	0	U	0	U	U	0
92				204220		0.110									
93	TN	K	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
101															
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
103			Total Recurring Projects												
104															
105			ACQUISITIONS												
106															
107			Total Acquisitions												
108															
109			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
112			Total Centrally Sponsored Projects												

								_			Ta	xable CIAC By Year			
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
114			INVESTMENT PROJECTS												
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
116		126-020028	Cities Flant Improvements Fliase 15 (56.6)	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
117		126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0	0	0	0	0	0	0
118		126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
119	TN	126-020032	• • • • •	304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
124		126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
125		126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
126		126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
127		126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
128	TN	126-020044	New Raw Water Intake Citico			SEC							0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	0
130		126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr					0	0	0
131		126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr					0	0	0
133		126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr					0	0	0
134		126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr					0	0	0
135		126-050001	Raw Water Intake Improvements Whitwell			QIIP							0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr					0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr					0	0	0
138		126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr					0	0	0
139		126-050002		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
140		126-050002		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
141		126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP							0	0	0
142		126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	_	_	_	_	0	0	0
143		126-050004		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
144		126-050004		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	_	_	_	_	0	0	0
145		126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
146		126-000001 126-000001		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
147 148		126-000001		311520 340200	Pumping Equipment SOS Computer & Peripheral Equipment	QIIP QIIP	Non T&D Non T&D	25 yr 5 yr	0	0	0	0	0	0	0
148	IIV	126-000001		340200	Computer & Peripheral Equipment	QIIP	NOII I ND	5 yı	U	U	U	U	U	U	U
150								_	\$0	\$0	\$0	\$0	\$51,986	\$0	\$0
151			Tax depreciation rates used by the company					_	40	30	40	40	731,300	70	70
152			Total DV Excluded:					_	\$0	\$0	\$0	\$0	\$51,986	\$0	\$0
153 154			Total Surcharge Amt:					_	\$0	\$0	\$0	\$0	\$51,986	\$0	\$0
155								_	,,,	ŢŪ	+**	+*	Ŧ,0		Ţ
156			SEC Total:						ŚO	\$0	\$0	\$0	\$0	\$0	\$0
157			520 101411					_	7.0	, , o	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,	, ·		
158			EDI Total:					<u> </u>	\$0	\$0	\$0	\$0	\$35,929	\$0	\$0
159								_							
160			QIIP Total:						\$0	\$0	\$0	\$0	\$16,056	\$0	\$0

											Net Additions By	Year		
Line #	Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
1		RECURRING PROJECTS				туре								
2 1	N DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 1	N DV		333000	Services		T&D	25 yr	0	0	0	0	0	0	0
	N DV		335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
5 6 1	N A	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr	0	0	0	0	104,691	99,875	29,962
	N A	Maills - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	456,264	141,313	307,845	428,233	837,024	251,107
	N A		333000	Services	EDI	T&D	25 yr 25 yr	0	3,176	2,579	1,705	1,672	5,682	1,704
	N A		334300	Meter Vaults	EDI	No	25 yr	0	0	18,184	1,703	1,072	17,347	5,204
-	N A		335000	Hydrants	EDI	T&D	25 yr	0	11,329	13,372	28,803	(169)	40,073	12,022
11	N A		333000	Tiyurants	LDI	TOD	23 yı	Ü	11,323	13,372	28,803	(105)	40,073	12,022
12 T	N B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	804,983	991,085	726,299	2,480,370	790,127	1,654,454	2,647,336
13 7	N B		333000	Services	QIIP	T&D	25 yr	22,175	149,447	6,242	309,113	115,234	178,240	285,207
	N B		335000	Hydrants	QIIP	T&D	25 yr	27,283	(1,374)	6,943	84,054	11,206	42,306	67,696
15														
16 1		Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	979,105	901,601	2,278,116	1,845,229	1,353,636	1,753,406	1,698,456
17 T	N C		335000	Hydrants	QIIP	T&D	25 yr	0	0	4,979	0	0	1,594	1,544
	N D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	69,181	1,345,970	(363,109)	390,946	324,683	251,699	251,699
20 T	N D		333000	Services	QIIP	T&D	25 yr	288	1,039	7	17,032	(351)	4,715	4,715
	N D		335000	Hydrants	QIIP	T&D	25 yr	0	7,286	4,387	28,789	34,435	18,585	18,585
22														
23 1		Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	23,936	84,113	35,622	44,960	2,971	64,095	55,638
	N E		335000	Hydrants	EDI	T&D	25 yr	38,569	(8,379)	11,504	6,544	63,769	79,905	69,362
25 26 T	N F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	21,480	99,793	19,517	50,540	5,667	68,886	79,513
27 T		riyurants, vaives, and mannoles - Replaced	335000	Hydrants	QIIP	T&D	25 yr	219,103	191,648	95,860	114,078	194,716	373,114	430,675
28	IN F		333000	Tiyurants	QIIF	TOD	23 yı	215,103	191,048	33,800	114,078	194,710	373,114	430,073
	N G	Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	1,133,000	1,300,000
31 T	N H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
32 T	N H		333000	Services	QIIP	T&D	25 yr	442,503	428,990	407,843	593,183	201,848	631,373	678,106
33 T	N H		334100	Meters	QIIP	No	25 yr	0	0	4,971	12,040	9,468	13,899	14,928
34 T	N H		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	79,386	41,669	44,753
	N H		334300	Meter Vaults	QIIP	No	25 yr	0	0	0	0	19,165	10,059	10,804
36 37 T		Makana Nama	334100	Meters		No	25	0	0	0	0	0	0	0
37 I		Meters - New	334200	Meter Installations		No No	25 yr	0	0	0	0	0	0	0
38 I	N I		334200	Meter installations		NO	25 yr	U	U	U	U	U	U	U
40 T	N J	Meters - Replaced	334100	Meters	QIIP	No	25 yr	43,095	235,730	16,564	302,239	6,158	280,520	101,131
41 T		Meters Replaced	334200	Meter Installations	QIIP	No	25 yr	618,384	874,376	870,197	1,451,480	2,282,439	3,974,480	1,432,842
42					~		/-	,	,	0.0,20.	_,,	_,,	2,21 1,122	-,,
43 T	N K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0	0	0	0	0	0	0
44														
	N L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	268,337	0	0	0	0	0	0
	N L		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	17,205	(17,205)	49,331	6,019	24,303	21,877	26,191
47 T			340300	Computer Software	SEC	Non T&D	3 yr					2,492	684	819
48 T			346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr	57,328	(16,209)	(0)	0	0	(0)	(0)
49 T	N L		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	144,865	291,888	130,829	159,216	144,825	119,439	142,990
50 51 T	N M	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	20,271	0	6,499	7,453
51 I		Security Equipment and Systems	304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	20,271	0	0,499	7,455
53 T			304200	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	131,615	59,293	125,813	72,811	82,695	94,824
	N M		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	151,615	43,791	5,296	75,008	39,789	45,624
55 T			304500	Structures & Improvement - General	SEC	Non T&D	39 yr	6,193	0	43,731	0	73,008	0	43,024
56 T			340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0,193	0	0	5,638	390	1,933	2,216
	N M		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	0	12,737	4,084	4,683
58				We will be a			•					, -	,	,
59 T	N N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0

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												Net Additions By	Year		
Line #	Bu	nsiness Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
64 65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	132,235	(9,469)	115,729	473,625	(474,701)	37,907	33,505
68	TN	Q	4.4	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	375,214	458,226	34,818	287,070	253,728
69	TN	Q		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	7,125	14,349	130,524	445,279	195,121	172,458
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	25,654	25	0	0	8	7
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 vr	0	27,713	0	33,526	(0)	11,085	9,797
72	TN	Q		304600	Struct & Imp-Offices	SEC	Non T&D	39 yr	0	0	0	7,517	0	2,485	2,197
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0	0	24,247	0	144,874	55,916	49,421
75	TN	Q		309000	Supply Mains	SEC	Non T&D	25 yr	9,862	0	,	0	0	0	0
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr	25,066	0	0	14,457	0	4,780	4,225
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	25,000	18,849	2,213	20,310	34,530	18,863	16,672
78	TN	Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	115,840	349,202	387,535	883,344	237,081	498,574	440,666
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	376,215	1,430,141	64,000	773,253	529,214	451,792	399,318
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	370,213	693,894	2,162	227,270	222,517	149,427	132,071
	TN			330000					0	095,894	2,162	23,679	222,517		
81		Q			Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0		0	23,679	0	7,829	6,920
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	-	-	ŭ	-		-	
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr	0	0	0	99,427	0	32,873	29,055
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0	0	0	977	0	323	286
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	0	0	3,294	0	0	1,089	963
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	0	1,452	3,447	0	1,620	1,432
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	41,485	0	0	0	0	0
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	3,502	0	2,602	8,421	3,644	3,221
91 92	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0	7,793	0	0	13,888	4,592	4,058
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	(778)	778	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	1,250,689	0	0	0	0
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	2,337,229	(26,767)	(2,050,531)	0	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	52,740	0	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	22,832	544,748	(544,535)	0	449,361	239,927	564,721
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0	46,367	291,800	602,148	(140,668)	385,484	907,324
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0	0	90,599	0	0	0	0
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	0	485,065	113,014	499,589	1,175,894
101															
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
103			Total Recurring Projects					/-							
104			Total necurring Projects												
105			ACQUISITIONS												
106			ACQUISITIONS												
100			Total Associations												
107			Total Acquisitions												
			CENTRALLY CRONCORES PROJECTS												
109	TA1 TO		CENTRALLY SPONSORED PROJECTS	240245	Community of the control of the cont		N T0 5	2	c.	•	_	•		•	
110		6-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111	TN T26	6-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
112			Total Centrally Sponsored Projects												

								_					Net Additions By	/ear		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014		2015	2016	2017	2018	2019	2020
114			INVESTMENT PROJECTS													
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr		0	0	6,290,400	(186,831)	0	0	0
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr		0	0	2,096,800	12,098	0	0	0
117	TN	126-020028	Martin Taraballa 8 Handling Inc. (645.2)	346190	Remote Control & Instrument	QIIP	Non T&D	5 yr		0	0	0	207,335	0	0	0
118 119	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr		0	0	14,597	(14,597)	0	0	0
119	TN	126-020032 126-020032		304300 304400	Struct & Imp-Treatment Struct & Imp-T&D	SEC SEC	Non T&D Non T&D	39 yr 39 yr		0	0	394,579 0	3,747,131 0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr		0	9,374,098	(270,175)	(8,041,512)	0	0	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr		0	5,603,877	384,661	4,348,003	0	0	0
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr		0	46,777	(1,348)	(45,429)	0	0	0
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr		0	18,711	(174)	(12,591)	0	0	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		0	0	` o´	0	0	4,163,178	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr		0	0	0	0	0	0	6,598,975
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr		0	0	0	0	0	5,700,000	373,150
128	TN	126-020044	New Raw Water Intake Citico			SEC								0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr						0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr						0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr						0	0	759,050
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr						0	0	1,108,100
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr						0	0	1,107,380
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr						0	0	748,136
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP								0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr		0	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr		0	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr		0	0	0	0	25,260	0	0
139	TN	126-050002		320100	WT Equip Non-Media	SEC	Non T&D	25 yr		0	0	0	63,811	107,303	0	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	Non T&D	5 yr		0	0	0	286,295	(272,814)	0	0
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP								0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D Non T&D	39 yr		0	0	0	0	58,596	0	0
143 144	TN TN	126-050004 126-050004		330200 346190	Ground Level Tanks Remote Control & Instrument	SEC SEC	Non T&D	25 yr 5 yr		0	0	0	0	234,540 8,830	0	0
144	TN	126-030004	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		0	0	0	0	0,030	0	0
146	TN	126-000001	William Acquisition Capital Investment	320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr		0	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr		0	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr		0	0	0	0	0	0	0
149						-		- 1								
150								_	\$6,823,2	93	\$24,365,106	\$13,575,732	\$12,994,315	\$8,140,893	\$24,606,178	\$24,720,518
151			Tax depreciation rates used by the company					_								
152			Total DV Excluded:						\$6,823,2	93	\$24,365,106	\$13,575,732	\$12,994,315	\$8,140,893	\$24,606,178	\$24,720,518
153								_								
154			Total Surcharge Amt:					_	\$6,823,2	93	\$24,365,106	\$13,575,732	\$12,994,315	\$8,140,893	\$23,473,178	\$23,420,518
155																
156			SEC Total:					_	\$1,153,1	47	\$18,029,441	\$1,795,604	\$3,805,550	\$1,690,202	\$7,742,000	\$3,006,085
157								_	•					•	•	
158			EDI Total:					_	\$62,5	04	\$546,502	\$222,572	\$389,856	\$601,168	\$1,144,000	\$2,640,479
159 160			QIIP Total:					=	\$5,607,6	42	\$5,789,163	\$11,557,556	\$8,798,909	\$5,849,523	\$14,587,178	\$17,773,953
			Z 10ta					_	+-,-57,0		,-,,	,,,	T-1:13	T-119	,,	, , , 0

									NOITTOD	22.55%	17.7170	33.5476	22.03/6	23.03%	23.03%	23.03%
								-					Repairs By Yea	ır		
	Busine	ess Unit						Tax Depr								
		lo.	Project Title	Account	Account Descrip	Surcharg	Repairs	class life		2014	2015	2016	2017	2018	2019	2020
Line #			RECURRING PROJECTS			e	Туре									
2	TN [DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr		\$0	\$0	\$0	\$0	\$0	\$0	\$0
3		DV	.,	333000	Services		T&D	25 yr		0	0	0	0	0	0	0
4		DV		335000	Hydrants		T&D	25 yr		0	0	0	0	0	0	0
5					•			•								
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr		0	0	0	0	0	0	0
7	TN	Α		331001	Transmission & Distribution Mains	EDI	T&D	25 yr		0	0	0	0	0	0	0
8	TN	A		333000	Services	EDI	T&D	25 yr		0	0	0	0	0	0	0
9	TN	A		334300	Meter Vaults	EDI	No	25 yr		0	0	0	0	0	0	0
10	TN	Α		335000	Hydrants	EDI	T&D	25 yr		0	0	0	0	0	0	0
11																
12		В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		184,583	175,521	261,032	1,289,297	373,493	821,767	1,314,932
13		В		333000	Services	QIIP	T&D	25 yr		5,085	26,467	2,243	160,677	54,471	88,532	141,662
14	TN	В		335000	Hydrants	QIIP	T&D	25 yr		6,256	(243)	2,495	43,691	5,297	21,014	33,624
15																
16		С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		224,509	159,674	818,755	959,150	639,864	870,917	843,623
17	TN	С		335000	Hydrants	QIIP	T&D	25 yr		0	0	1,789	0	0	792	767
18		_														
19		D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		15,863	238,371	(130,501)	203,214	153,477	125,019	125,019
20		D		333000	Services	QIIP	T&D	25 yr		66	184	2	8,853	(166)	2,342	2,342
21 22	TN	D		335000	Hydrants	QIIP	T&D	25 yr		0	1,290	1,577	14,964	16,277	9,231	9,231
22	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr		Ö	0	0	0	0	0	0
			nyurants, vaives, and ivialinoles - New								0	0	-		0	0
24 25	TN	E		335000	Hydrants	EDI	T&D	25 yr		0	U	U	0	0	U	U
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		4,925	17,673	7,014	26,271	2,679	34,216	39,494
27		F	riyurants, vaives, and iviannoles - Replaced	335000	Hydrants	QIIP	T&D	25 yr		50,240	33,941	34,452	59,298	92,042	185,326	213,916
28				333000	nyarans	QIII	TOLD	23 yı		30,240	33,341	34,432	33,230	32,042	105,520	213,510
29	TN	G	Services and Laterals - New	333000	Services		T&D	25 yr		0	0	0	0	0	0	0
30								/-								
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		0	0	0	0	0	0	0
32		Н	·	333000	Services	QIIP	T&D	25 yr		101,466	75,974	146,579	308,336	95,413	313,603	336,815
33	TN	Н		334100	Meters	QIIP	No	25 yr		0	0	0	0	0	0	0
34	TN	Н		334200	Meter Installations	QIIP	No	25 yr		0	0	0	0	0	0	0
35	TN	Н		334300	Meter Vaults	QIIP	No	25 yr		0	0	0	0	0	0	0
36																
37	TN	1	Meters - New	334100	Meters		No	25 yr		0	0	0	0	0	0	0
38	TN	1		334200	Meter Installations		No	25 yr		0	0	0	0	0	0	0
39																
40	TN	J	Meters - Replaced	334100	Meters	QIIP	No	25 yr		0	0	0	0	0	0	0
41	TN	J		334200	Meter Installations	QIIP	No	25 yr		0	0	0	0	0	0	0
42																
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr		0	0	0	0	0	0	0
44																
45		L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr		61,530	0	0	0	0	0	0
46		L		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr		0	0	0	0	0	0	0
47		L		340300	Computer Software	SEC	Non T&D	3 yr			0	0		0	0	0
48		L		346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr		0	-	0	0	0	0	0
49	TN	L		346190	Remote Control & Instrument	SEC	Non T&D	5 yr		0	0	0	0	0	0	0
50	TNI		Consider Fourier and Contains	204400	Charact O Lana Council.	crc	N T0D	20		0	0	0	4.400		1,627	1,865
51 52		M M	Security Equipment and Systems	304100 304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC SEC	Non T&D Non T&D	39 yr 39 yr		0	0	0	4,466 0	0	1,627	1,865
52		M		304200	Struct & Imp-Pumping Struct & Imp-Treatment	SEC	Non T&D	39 yr 39 yr		0	23,309	21,310	27,716	18,225	20,699	23,734
53 54		M		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr 39 yr		0	23,309	15,738	1,167	18,775	20,699 9,959	23,734 11,420
55		M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr		1,420	0	15,756	1,167	18,775	9,959	11,420
56		M		340200	Computer & Peripheral Equipment	SEC	Non T&D	59 yr		0	0	0	0	0	0	0
57		M		347000	Misc Equipment	SEC	Non T&D	25 yr		0	0	0	0	3,188	1,022	1,172
58				31,000	moe equipment	320		25 7.		o	Ü	3	· ·	5,250	1,022	2,2/2
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr		0	0	0	0	0	0	0
60								**		-	-	=	-	-	-	Ū

Repairs %

22.93%

22.93%

T&D

Non T&D

Repairs %

17.71%

17.71%

Repairs %

35.94%

35.94%

Repairs %

51.98%

22.03%

Repairs %

47.27%

25.03%

Repairs %

49.67%

25.03%

Repairs %

49.67%

25.03%

113

Net Investment for Estimated Tax Depreciation Calculation 2020

									T&D	22.93%	17.71%	35.94%	51.98%	47.27%	49.67%	49.67%
								No	n T&D	22.93%	17.71%	35.94%	22.03%	25.03%	25.03%	25.03%
													Repairs By Yea	r		
		Business Unit						Tax Depr								
Line #		No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	class life		2014	2015	2016	2017	2018	2019	2020
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr		0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr		0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr		0	0	0	0	0	0	0
64																
65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr		0	0	0	0	0	0	0
66		_									4					
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr		30,321	(1,677)	41,593	104,339	(118,818)	9,488	8,386
68	TN	Q		304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr		0	0	134,852	100,947	8,715	71,854	63,508
69	TN	Q		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr		0	1,262	5,157	28,754 0	111,453	48,839	43,166
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr		0	4,543	9	-	0	2	2
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 yr		-	4,908	0	7,386	0	2,775	2,452
72	TN	Q		304600	Struct & Imp-Offices	SEC	Non T&D	39 yr		0	0	0	1,656	0	622	550
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr		0	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr		-	-	8,714	-	36,262	13,996	12,370 0
75	TN	Q		309000	Supply Mains	SEC	Non T&D	25 yr		2,261	0	0	0	0	0	-
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr		5,748	0	0	3,185	0	1,196	1,057
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr		0	3,338	795	4,474	8,643	4,722	4,173
78	TN	Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr		26,562	61,844	139,280	194,601	59,341	124,793	110,299
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr		86,266	253,278	23,002	170,348	132,462	113,084	99,949
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr		0	122,889	777	50,068	55,696	37,402	33,057
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr		0	0	0	5,217	0	1,960	1,732
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr		0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr		0	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr		0	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr		0	0	0	0	0	0	0
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr		0	0	0	0	0	0	0
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr		0	0	1,184	0	0	273	241
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr		0	0	522	759	0	405	358
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr		0	7,347	0	0	0	0	0
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr		0	0	0	0	0	0	0
91	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr		0	1,380	0	0	3,476	1,149	1,016
92																
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr		0	(138)	280	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr		0	0	449,498	0	0	0	0
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr		535,927	(4,740)	(736,961)	0	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr		0	0	18,955	0	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr		5,235	96,475	(195,706)	0	112,475	60,054	141,350
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr		0	8,212	104,873	132,653	(35,209)	96,487	227,103
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr		0	0	32,561	0	0	0	0
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr		0	0	0	106,860	28,287	125,047	294,326
101		_								_	_	_			_	_
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr		0	0	0	0	0	0	0
103			Total Recurring Projects													
104																
105			ACQUISITIONS													
106																
107			Total Acquisitions													
108																
109			CENTRALLY SPONSORED PROJECTS													
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr		0	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr		0	0	0	0	0	0	0
112			Total Centrally Sponsored Projects													
113																

Repairs %

35.94%

Repairs %

22.93%

T&D

Repairs %

17.71%

Repairs %

51.98%

Repairs %

47.27%

Repairs %

49.67%

Repairs %

49.67%

										Repairs %	Repairs %	Repairs %				
									T&D	22.93%	17.71%	35.94%	51.98%	47.27%	49.67%	49.67%
									Non T&D	22.93%	17.71%	35.94%	22.03%	25.03%	25.03%	25.03%
													Repairs By Yea	r		
		Business Unit No.	Project Title	Account	Account Descrip	C	B !	Tax Depr class life		2014	2015	2016	2017	2018	2019	2020
Line #		NO.				Surcharg e	Repairs Type	ciass iiie								
Lille #							туре									
114			INVESTMENT PROJECTS													
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr		0	0	2,260,770	(41,159)	0	0	0
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr		0	0	753,590	2,665	0	0	0
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr		0	0	0	0	0	0	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr		0	0	5,246	(3,216)	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr		0	0	141,812	825,493	0	0	0
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr		0	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr		0	1,660,153	(97,101)	(1,771,545)	0	0	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr		0	992,447	138,247	957,865	0	0	0
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr		0	8,284	(485)	(10,008)	0	0	0
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr		0	3,314	(62)	(2,774)	0	0	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		0	0	0	0	0	2,067,851	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr		0	0	0	0	0	0	1,651,723
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr		0	0	0	0	0	1,426,710	93,399
128	TN	126-020044	New Raw Water Intake Citico			SEC				0	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr		0	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr						0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr						0	0	189,990
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr						0	0	550,393
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr						0	0	277,177
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr						0	0	187,258
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP				0	0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr		0	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr		0	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr		0	0	0	0	6,322	0	0
139	TN	126-050002		320100	WT Equip Non-Media	SEC	Non T&D	25 yr		0	0	0	14,058	26,858	0	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	Non T&D	5 yr		0	0	0	0	0	0	0
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP				0	0	0	0	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr						14,667	0	0
143	TN	126-050004		330200	Ground Level Tanks	SEC	Non T&D	25 yr		0	0	0	0	58,705	0	0
144	TN	126-050004	THE RESERVE OF THE PARTY OF THE	346190	Remote Control & Instrument	SEC	Non T&D	5 yr		0	0	0	0	0	0	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr		0	0	0	0	0	0	0
146	TN	126-000001 126-000001		320200	Water Trmt Equip Filter Media	QIIP QIIP	Non T&D	25 yr		0	0	0	0	0	0	0
147 148	TN	126-000001		311520 340200	Pumping Equipment SOS Computer & Peripheral Equipment	QIIP	Non T&D Non T&D	25 yr		0	0	0	0	0	0	0
148	IIN	126-000001		340200	Computer & Peripheral Equipment	QIIP	NOII I ND	5 yr		U	U	U	U	U	U	U
150									=	\$1,348,263	\$3,975,280	\$4,413,887	\$3,989,726	\$1,982,370	\$6,714,775	\$7,094,651
151			Tay depreciation rates used by the company							71,340,203	73,373,200	Ç4,413,007	73,303,720	\$1,502,570	30,714,773	\$7,05 4 ,051
151			Tax depreciation rates used by the company						-							
4.5.5			Tarabaya							44 040 05-	40.000.00	44.440.005	40.000 =0-	44 000 05-	40	4= 00 = 0= :
152			Total DV Excluded:							\$1,348,263	\$3,975,280	\$4,413,887	\$3,989,726	\$1,982,370	\$6,714,775	\$7,094,651
153 154			Total Surcharge Amt:						-	\$1,348,263	\$3,975,280	\$4,413,887	\$3,989,726	\$1,982,370	\$6,714,775	\$7,094,651
			Total Juichaige Amt:							३1,348,2 03	33,3/5,28 U	34,413,88/	33,389,72 6	01,582,16	30,/14,// 5	\$7,U94,D51
155			CFCT-1-1						-	\$214,108	\$3,146,619	\$580,590	\$714,956	\$443,970	£1 902 F77	\$701,164
156			SEC Total:						=	3 214,1 08	33,140,019	050,000	3/14,336	3 44 3,370	\$1,892,577	\$701,104
157			EDIT-A-I						-	ćo	\$0	ćc	ćo.	ćo	ćo.	6027 570
158			EDI Total:							\$0	\$ 0	\$0	\$0	\$0	\$0	\$827,570
159 160			QIIP Total:						-	\$1,134,155	\$828,661	\$3,833,297	\$3,274,770	\$1,538,400	\$4,822,198	\$5,565,917
100			Qiir Iotal:						-	ş1,134,133	3020,001	,3,033,43 <i>1</i>	33,414,11U	31,330,4UU	→ +,0∠∠,130	73,503,517

							_			Net Addition	ns Minus Repairs E	By Year		
Line #	Business U No.	Project litle	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
1		RECURRING PROJECTS									4-			
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	TN DV		333000	Services		T&D	25 yr	0	0	0	0	0	0	0
4 5	TN DV		335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
6	TN A	Mains - New	304400	Character & Lance Transfer and TR D	EDI	Non T&D	20	0	0	0	0	104,691	99,875	29,962
7		Mains - New		Struct & Imp-Treatment-T&D	EDI		39 yr	0		-	-			
/	TN A		331001	Transmission & Distribution Mains		T&D	25 yr	-	456,264	141,313	307,845	428,233	837,024	251,107
8	TN A		333000	Services	EDI	T&D	25 yr	0	3,176	2,579	1,705	1,672	5,682	1,704
-	TN A		334300	Meter Vaults	EDI	No	25 yr	0	0	18,184	0	0	17,347	5,204
10	TN A		335000	Hydrants	EDI	T&D	25 yr	0	11,329	13,372	28,803	(169)	40,073	12,022
11	TN D	Maine Deplement / Deplement	224004	Transmission & Distribution Males	OUD	T0.0	25	620 400	045 564	465.267	1 101 073	446.624	022.607	4 222 404
12	TN B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	620,400	815,564	465,267	1,191,073	416,634	832,687	1,332,404
13 14	TN B		333000	Services	QIIP	T&D	25 yr	17,090	122,980	3,999	148,436	60,762	89,708	143,545
	TN B		335000	Hydrants	QIIP	T&D	25 yr	21,027	(1,131)	4,448	40,363	5,909	21,292	34,072
15	TN C	Marine Harabadulad	331001	Transmission & Distribution **	QIIP	T&D	25	754500	744 027	4 450 261	000.070	742 772	002.402	054.000
16		Mains - Unscheduled		Transmission & Distribution Mains			25 yr	754,596	741,927	1,459,361	886,079	713,772	882,489	854,833
17	TN C		335000	Hydrants	QIIP	T&D	25 yr	0	0	3,190	0	0	802	777
18	TN D	Maine Delegated	224004	Transmission & Distribution Males	OUD	T0.0	25	F2 240	4 407 500	(222,000)	407 722	474 206	126 600	426.600
19	TN D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	53,318	1,107,599	(232,608)	187,732	171,206	126,680	126,680
20	TN D		333000	Services	QIIP	T&D	25 yr	222	855	5	8,179	(185)	2,373	2,373
21	TN D		335000	Hydrants	QIIP	T&D	25 yr	0	5,996	2,810	13,825	18,158	9,354	9,354
22	TN E		224224			#0.0		22.025		25.522		2.074		== 500
23		Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	23,936	84,113	35,622	44,960	2,971	64,095	55,638
24	TN E		335000	Hydrants	EDI	T&D	25 yr	38,569	(8,379)	11,504	6,544	63,769	79,905	69,362
25			224224		0110	#0.0		40.555	00.400	40 500	24.250	2.000	24.572	40.040
26	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	16,555	82,120	12,503	24,269	2,988	34,670	40,019
27	TN F		335000	Hydrants	QIIP	T&D	25 yr	168,863	157,707	61,408	54,780	102,674	187,788	216,759
28			22222			#0.0							4 400 000	4 200 000
29	TN G	Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	1,133,000	1,300,000
30	TN	Condess and Laborate Books and	224004	Tourseles of Distribution Main	OUD	T0.0	25	0						
31	TN H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
32	TN H		333000	Services	QIIP	T&D	25 yr	341,037	353,016	261,264	284,847	106,435	317,770	341,291
33	TN H		334100	Meters	QIIP	No	25 yr	0	0	4,971 0	12,040 0	9,468	13,899	14,928
34	TN H		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	79,386	41,669	44,753
35	TN H		334300	Meter Vaults	QIIP	No	25 yr	0	0	0	U	19,165	10,059	10,804
36			224422								0			
37 38	TN I	Meters - New	334100 334200	Meters Meter Installations		No No	25 yr	0	0	0	0	0	0	0
38 39	IN I		334200	Weter Installations		NO	25 yr	U	U	U	U	U	U	U
40	TN J	Materia Devlessed	334100	Makana	QIIP	N-	25	43,095	235,730	16,564	302,239	6,158	280,520	101,131
41	TN J	Meters - Replaced	334200	Meters Meter Installations	QIIP	No No	25 yr 25 yr	618,384	874,376	870,197	1,451,480	2,282,439	3,974,480	1,432,842
42	IIN J		334200	Weter Histaliations	QIIP	NO	25 yi	010,364	6/4,3/0	870,197	1,451,460	2,202,439	3,974,460	1,432,642
43	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0	0	0	0	0	0	0
44	III K	113 Equipment and Systems	340200	Computer & Peripheral Equipment		Non rab	J yı	U	U	U	U	U	U	U
45	TN L	CCADA Faurinment and Sustams	320100	WT Fauin Non Madia	SEC	Non T&D	25	206,807	0	0	0	0	0	0
45 46	TN L	SCADA Equipment and Systems	340200	WT Equip Non-Media Computer & Peripheral Equipment	SEC	Non T&D	25 yr 5 yr	17,205	(17,205)	49,331	6,019	24,303	21,877	26,191
46	TN L		340300	Computer & Peripheral Equipment Computer Software	SEC	Non T&D	3 yr	17,205	(17,205)	49,331	0,019	24,303	21,877	26,191 819
48	TN L		346100	Computer Software Comm Equip Non-Telephone	SEC	Non T&D	5 yr	57,328	(16,209)	(0)	0	2,492	(0)	(0)
49	TN L		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	144,865	291,888	130,829	159,216	144,825	119,439	142,990
50	L		340130	remote control & instrument	3LC	NOII IND	J yı	144,003	231,000	130,029	133,210	144,023	113,439	142,390
51	TN M	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	15,805	0	4,872	5,588
52	TN M	secondy Equipment and Systems	304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	13,803	0	4,872	0,388
53	TN M		304300	Struct & Imp-Pumping Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	108.306	37,983	98,097	54,586	61,996	71,090
53 54	TN M		304300	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr 39 yr	0	108,306	37,983 28,053	4,129	56,233	29,830	71,090 34,204
55	TN M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	4,773	0	20,055	4,129	30,233	29,630	34,204
56	TN M		340200	Computer & Peripheral Equipment	SEC	Non T&D	59 yı 5 yr	4,773	0	0	5,638	390	1,933	2,216
57	TN M		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	0	9,549	3,062	3,511
58	1VI		347000	misc Equipment	JEC	Non 10D	23 yı	U	0	0	Ü	3,343	3,002	3,311
59	TN N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0
55		and operations centers	30.300	Strate a mp reconnect			22 1.	U	· ·	U	· ·	9	· ·	U

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Net Investment for Estimated Tax Depreciation Calculation 2020

								_			Net Additio	ons willius kepairs i	y rear		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	-	Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
64								- /-							
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	101,914	(7,792)	74,136	369,286	(355,883)	28,419	25,119
68	TN	Q		304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	240,362	357,279	26,103	215,216	190,220
69	TN	Q		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	5,863	9,192	101,770	333,826	146,282	129,292
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	21,111	16	0	0	6	5
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	22,805	0	26,140	(0)	8,310	7,345
72	TN	Q		304600	Struct & Imp-Offices	SEC	Non T&D	39 yr	0	0	0	5,861	0	1,863	1,647
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0	0	15,533	0	108,612	41,920	37,051
75	TN	à		309000	Supply Mains	SEC	Non T&D	25 yr	7,601	0	0	0	0	0	0
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr	19,318	0	0	11,272	0	3,584	3,168
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0	15,511	1,418	15,836	25,887	14,141	12,499
78	TN	Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	89,278	287,358	248,255	688,743	177,740	373,781	330,367
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	289,949	1,176,863	40,998	602,905	396,752	338,708	299,369
80	TN								289,949						
		Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	-	571,005	1,385	177,202	166,821	112,025	99,014
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0	0	0	18,462	0	5,869	5,188
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	0	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr	0	0	0	99,427	0	32,873	29,055
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0	0	0	977	0	323	286
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	0	0	2,110	0	0	816	722
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	0	930	2,688	0	1,215	1,074
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	34,138	0	0	0	0	0
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	3,502	0	2,602	8,421	3,644	3,221
91 92	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0	6,413	0	0	10,412	3,443	3,042
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	(640)	498	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	801,191	0	0	0	0
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	1,801,302	(22,027)	(1,313,570)	0	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	33,785	0	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	17,597	448,273	(348,829)	0	336,886	179,873	423,371
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0	38,155	186,927	469,495	(105,459)	288,997	680,221
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0	0	58,038	0	0	0	0
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	0	378,205	84,727	374,542	881,568
101				330200	Ground Ecver raines	ζ	11011 1025	25 γ.	· ·	•	· ·	370,203	04,727	374,342	001,500
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
102	111	3	Total Recurring Projects	331001	Transmission & Distribution Mains		TOD	23 yı	U	U	U	U	U	U	U
103			Total Reculting Projects												
105			ACQUISITIONS												
106															
107			Total Acquisitions												
108															
109			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
112			Total Centrally Sponsored Projects												
113															

Net Additions Minus Repairs By Year

								_			Net Additio	ns Minus Repairs B	y Year		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
114			INVESTMENT PROJECTS												
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	4,029,630	(145,672)	0	0	0
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	1,343,210	9,433	0	0	0
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0	0	0	207,335	0	0	0
118	TN TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	9,351	(11,381)	0	0	0
119 120	TN	126-020032 126-020032		304300 304400	Struct & Imp-Treatment	SEC SEC	Non T&D	39 yr	0	0	252,767 0	2,921,638 0	0	0	0
120	TN	126-020032		304400	Struct & Imp-T&D Structures & Improvement - General	SEC	Non T&D Non T&D	39 yr 39 yr	0	7,713,945	(173,074)	(6,269,967)	0	0	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	4,611,430	246,414	3,390,138	0	0	0
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	38,493	(863)	(35,421)	0	0	0
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr	0	15,397	(112)	(9,817)	0	0	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	2,095,327	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	4,947,252
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	4,273,290	279,751
128	TN	126-020044	New Raw Water Intake Citico			SEC			0	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr					0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	569,060
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr					0	0	557,707
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr					0	0	830,203
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr					0	0	560,878
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP			0	0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
137	TN	126-050002	, , , ,	304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	0	0	18,938	0	0
139	TN	126-050002		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	49,753	80,445	0	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	286,295	(272,814)	0	0
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP							0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr					43,929	0	0
143	TN	126-050004		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	0	0	0	175,835	0	0
144	TN	126-050004		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	0	8,830	0	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr	0	0	0	0	0	0	0
149								_							
150								_	\$5,475,030	\$20,389,826	\$9,161,845	\$9,004,589	\$6,158,523	\$17,891,403	\$17,625,867
151			Tax depreciation rates used by the company					_							
152			Total DV Excluded:						\$5,475,030	\$20,389,826	\$9,161,845	\$9,004,589	\$6,158,523	\$17,891,403	\$17,625,867
153			.o.a. D. Excluded.					_	75,475,030	720,303,020	73,101,043	75,000,505	70,130,323	¥17,031,403	Ç17,023,007
154			Total Surcharge Amt:					_	\$5.475.030	\$20.389.826	\$9,161,845	\$9.004.589	\$6.158.523	\$16,758,403	\$16,325,867
155			. Star Sar Erial ge Airt.					_	33,473,03 0	720,303,020	\$3,1U1,0 4 3	33,00 4 ,369	30,130,323	710,730,403	710,323,007
155			SEC Total:					_	\$939.039	\$14.882.822	\$1,215,014	\$3,090,594	\$1,246,232	\$5.849.423	\$2,304,921
157			SEC TOTAL.					_	4333,033	¥14,002,022	71,213,014	43,030,334	71,270,232	43,0 1 3,123	72,304,321
157			EDI Total:					_	\$62,504	\$546,502	\$222,572	\$389,856	\$601,168	\$1,144,000	\$1,812,909
158			EDI lotal:					_	302,304	3340,3UZ	3222,372	950,505	\$001,108	\$1,144,000	\$1,012,309
160			QIIP Total:					_	\$4,473,487	\$4,960,502	\$7,724,259	\$5,524,139	\$4,311,123	\$9,764,980	\$12,208,036

Net Investment for Estimated Tax Depreciation Calculation 2020

									Bonus % 50.00%	Bonus % 50.00%	Bonus % 50.00%	Bonus % 53.50%	0.00%	0.00%	0.00%
								_			Во	nus By Year			
11 4		ess Unit No.	Project Title	Account	Account Descrip	Surcharg	Repairs	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
Line #			RECURRING PROJECTS			e	Туре								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		T&D	25 yr	0	0	0	0	0	0	0
4	TN	DV		335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
5															
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr	0	0	0	0	0	0	0
7	TN	Α		331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	228,132	70,656	164,697	0	0	0
8	TN	Α		333000	Services	EDI	T&D	25 yr	0	1,588	1,289	912	0	0	0
9	TN	Α		334300	Meter Vaults	EDI	No	25 yr	0	0	9,092	0	0	0	0
10	TN	Α		335000	Hydrants	EDI	T&D	25 yr	0	5,665	6,686	15,410	0	0	0
11															
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	310,200	407,782	232,633	637,224	0	0	0
13	TN	В		333000	Services	QIIP	T&D	25 yr	8,545	61,490	1,999	79,413	0	0	0
14	TN	В		335000	Hydrants	QIIP	T&D	25 yr	10,514	(566)	2,224	21,594	0	0	0
15															
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	377,298	370,964	729,680	474,052	0	0	0
17	TN	C		335000	Hydrants	QIIP	T&D	25 yr	0	0	1,595	0	0	0	0
18															
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	26,659	553,800	(116,304)	100,437	0	0	0
20	TN	D		333000	Services	QIIP	T&D	25 yr	111	428	2	4,376	0	0	0
21	TN	D		335000	Hydrants	QIIP	T&D	25 yr	0	2,998	1,405	7,396	0	0	0
22															
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	11,968	42,057	17,811	24,053	0	0	0
24	TN	E		335000	Hydrants	EDI	T&D	25 yr	19,284	(4,190)	5,752	3,501	0	0	0
25															
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	8,277	41,060	6,251	12,984	0	0	0
27	TN	F		335000	Hydrants	QIIP	T&D	25 yr	84,432	78,854	30,704	29,307	0	0	0
28															
29	TN	G	Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	0	0
30															
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
32	TN	Н		333000	Services	QIIP	T&D	25 yr	170,518	176,508	130,632	152,393	0	0	0
33	TN	Н		334100	Meters	QIIP	No	25 yr	0	0	2,486	6,442	0	0	0
34	TN	Н		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	0	0	0
35	TN	Н		334300	Meter Vaults	QIIP	No	25 yr	0	0	0	0	0	0	0
36															
37	TN	1	Meters - New	334100	Meters		No	25 yr	0	0	0	0	0	0	0
38	TN	1		334200	Meter Installations		No	25 yr	0	0	0	0	0	0	0
39															
40	TN	J	Meters - Replaced	334100	Meters	QIIP	No	25 yr	21,548	117,865	8,282	161,698	0	0	0
41	TN	J		334200	Meter Installations	QIIP	No	25 yr	309,192	437,188	435,099	776,542	0	0	0
42															
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0	0	0	0	0	0	0
44															
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	103,403	0	0	0	0	0	0
46	TN	L		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	8,603	(8,603)	24,666	3,220	0	0	0
47	TN	L		340300	Computer Software	SEC	Non T&D	3 yr					0	0	0
48		L		346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr	28,664	(8,104)	0	0	0	0	0
49	TN	L		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	72,433	145,944	65,415	85,181	0	0	0
50								•	,	-,-		,			
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
52		M	,	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
53		М		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
54		M		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
55		M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
56		M		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	3,017	0	0	0
57		M		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	3,017	0	0	0
58	114	141		347000	wise Equipment	JLC	INUIT TOLD	23 yı	U	U	U	U	U	U	U
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0
60	.14		Sinces and Operations Centers	304300	Struct & mp Treatment		NOII TOD	33 yı	0	U	U	0	U	U	U

Bonus %

Bonus %

Bonus %

Bonus %

Bonus % Bonus % Bonus %

Net Investment for Estimated Tax Depreciation Calculation 2020

									50.00%	50.00%	50.00%	53.50%	0.00%	0.00%	0.00%
								_			Вог	nus By Year			
		Business Unit						Tax Depr							
		No.	Project Title	Account	Account Descrip	Surcharg	Repairs	class life	2014	2015	2016	2017	2018	2019	2020
Line #						e	Туре								
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
64															
65	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
66				204400					0	0	0	0	0	0	
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	-	0	-	0	-	-	0
68 69	TN TN	Q Q		304200 304300	Struct & Imp-Pumping Struct & Imp-Treatment	SEC SEC	Non T&D Non T&D	39 yr 39 yr	0	0	0	0	0	0	0
70	TN	Q Q		304300	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr 39 yr	0	0	0	0	0	0	0
70	TN	Q		304500	Struct & Imp-Treatment - Reneral	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
71	TN	Q		304600	Struct & Improvement - General	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
73	TN	Q		304700	Struct & Imp-Offices Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0	0	7,766	0	0	0	0
75	TN	Q		309000	Supply Mains	SEC	Non T&D	25 yr	3,800	0	0	0	0	0	0
76	TN	Q.		310000	Power Generation Equip	SEC	Non T&D	25 yr	9,659	0	0	6,031	0	0	0
77	TN	à		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0	7,755	709	8,473	0	0	0
78	TN	Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 vr	44,639	143,679	124,128	368,478	0	0	0
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	144,975	588,431	20,499	322,554	0	0	0
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	0	285,502	692	94,803	0	0	0
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0	0	0	9,877	0	0	0
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	0	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr	0	0	0	53,194	0	0	0
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0	0	0	523	0	0	0
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	0	0	1,055	0	0	0	0
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	0	465	1,438	0	0	0
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	17,069	0	0	0	0	0
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	1,751	0	1,392	0	0	0
91	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0	3,207	0	0	0	0	0
92															
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	900,651	(11,013)	(656,785)	0	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	16,893	0	0	0	0
97 98	TN TN	R R		330000 330003	Dist Reservoirs & Standpipes	QIIP QIIP	Non T&D	25 yr 25 yr	8,798 0	224,137 19,078	(174,414) 93,464	0 251,180	0	0	0
98 99	TN	R R		330103	Tank Repainting Elevated Tanks & Standpipes	QIIP	Non T&D Non T&D	25 yr 25 yr	0	19,078	29,019	251,180	0	0	0
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	29,019	202,340	0	0	0
100	IIV	ĸ		330200	Ground Level ranks	QIIF	NOII T&D	23 yı	U	U	U	202,340	U	U	U
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
103		3	Total Recurring Projects	331001	Transmission & Distribution Mains		100	25 γ.	ŭ	· ·	· ·	· ·	Ü	Ü	· ·
104			Total necarring Projects												
105			ACQUISITIONS												
106			Acquisitions												
107			Total Acquisitions												
108															
109			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
112			Total Centrally Sponsored Projects					•							
113															

Bonus % Bonus % Bonus %

Bonus % Bonus % Bonus %

									Bonus % 50.00%	Bonus % 50.00%	Bonus % 50.00%	Bonus % 53.50%	Bonus % 0.00%	Bonus % 0.00%	Bonus % 0.00%
								_			Bon	us By Year			
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
114			INVESTMENT PROJECTS												
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
116	TN	126-020028	Cities Flant Improvements Flast 15 (90.0)	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	671,605	5,047	0	0	0
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0	0	0	110,924	0	0	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	2,305,715	123,207	1,813,724	0	0	0
123	TN TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	19,246	(432)	(18,950)	0	0	0
124 125	TN	126-020032 126-020034	Tonnessee Biver Crossing	347000 331001	Misc Equipment	SEC QIIP	Non T&D T&D	25 yr	0	7,698 0	(56)	(5,252) 0	0	0	0
126	TN	126-020034	Tennessee River Crossing Repl Basin 1 & Plate Settlers	320100	Transmission & Distribution Mains WT Equip Non-Media	QIIP	Non T&D	25 yr 25 yr	0	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
128	TN	126-020044	New Raw Water Intake Citico		W Equip Non Media	SEC	11011 102	25).	0	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr					0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr					0	0	0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr					0	0	0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr					0	0	0
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP			0	0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
139	TN	126-050002		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	26,618	0	0	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	153,168	0	0	0
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP			0	0	0	0	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr					0	0	0
143	TN	126-050004		330200	Ground Level Tanks Remote Control & Instrument	SEC	Non T&D	25 yr	0	0	0	0	0	0	0
144	TN	126-050004	NAVIDA CONTRACTOR OF THE PROPERTY OF THE PROPE	346190 331001		SEC	Non T&D	5 yr	0	0	0	0	0	0	0
145 146	TN TN	126-000001 126-000001	Whitwell Acquisition Capital Investment	320200	Transmission & Distribution Mains Water Trmt Equip Filter Media	QIIP QIIP	T&D Non T&D	25 yr 25 yr	0	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr	0	0	0	0	0	0	0
149					. ,	-									
150								_	\$2,684,171	\$6,263,115	\$1,925,870	\$6,169,411	\$0	\$0	\$0
151			Tax depreciation rates used by the company					_							
152			Total DV Excluded:					_	\$2,684,171	\$6,263,115	\$1,925,870	\$6,169,411	\$0	\$0	\$0
153								_							
154			Total Surcharge Amt:					_	\$2,684,171	\$6,263,115	\$1,925,870	\$6,169,411	\$0	\$0	\$0
155								_							
156			SEC Total:					=	\$416,176	\$3,509,290	\$368,114	\$2,927,489	\$0	\$0	\$0
157								_							
158 159			EDI Total:					-	\$31,252	\$273,252	\$111,286	\$208,573	\$0	\$0	\$0
160			QIIP Total:					_	\$2,236,743	\$2,480,573	\$1,446,470	\$3,033,349	\$0	\$0	\$0

Net Investment for Estimated Tax Depreciation Calculation 2020

							_			Net Additions I	Minus Repairs & Bo	nus By Year		
Line #	Business No.	Project Litle	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
1		RECURRING PROJECTS												,
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	TN DV		333000	Services		T&D	25 yr	0	0	0	0	0	0	0
4	TN DV		335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
5														
6	TN A	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr	0	0	0	0	104,691	99,875	29,962
7	TN A		331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	228,132	70,657	143,148	428,233	837,024	251,107
8	TN A		333000	Services	EDI	T&D	25 yr	0	1,588	1,290	793	1,672	5,682	1,704
9	TN A		334300	Meter Vaults	EDI	No	25 yr	0	0	9,092	0	0	17,347	5,204
10	TN A		335000	Hydrants	EDI	T&D	25 yr	0	5,664	6,686	13,393	(169)	40,073	12,022
11 12	TN B	Mains Donlaged / Destayed	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	310,200	407,782	232,634	553,849	416,634	832,687	1,332,404
13	TN B	Mains - Replaced / Restored	333000	Services	QIIP	T&D	25 yr 25 yr	8,545	61,490	2,000	69,023	60,762	89,708	1,332,404
14	TN B		335000	Hydrants	QIIP	T&D	25 yr	10,513	(565)	2,224	18,769	5,909	21,292	34,072
15	IIV B		333000	riyurants	QIIF	TAD	23 yı	10,313	(303)	2,224	10,703	3,505	21,232	34,072
16	TN C	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	377,298	370,963	729,681	412,027	713,772	882,489	854,833
17	TN C	Walls Offscheduled	335000	Hydrants	QIIP	T&D	25 yr	0	0	1,595	0	0	802	777
18			333000	nyaran s	ζ	100	25 γ.	· ·	· ·	2,555	Ü	Ü	502	
19	TN D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	26,659	553,799	(116,304)	87,295	171,206	126,680	126,680
20	TN D		333000	Services	QIIP	T&D	25 yr	111	427	3	3,803	(185)	2,373	2,373
21	TN D		335000	Hydrants	QIIP	T&D	25 yr	0	2,998	1,405	6,429	18,158	9,354	9,354
22				•			•							
23	TN E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	11,968	42,056	17,811	20,907	2,971	64,095	55,638
24	TN E		335000	Hydrants	EDI	T&D	25 yr	19,285	(4,189)	5,751	3,043	63,769	79,905	69,362
25														
26	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	8,278	41,060	6,252	11,285	2,988	34,670	40,019
27	TN F		335000	Hydrants	QIIP	T&D	25 yr	84,431	78,853	30,704	25,473	102,674	187,788	216,759
28														
29	TN G	Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	1,133,000	1,300,000
30														
31	TN H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
32	TN H		333000	Services	QIIP	T&D	25 yr	170,519	176,508	130,632	132,454	106,435	317,770	341,291
33	TN H		334100	Meters	QIIP	No	25 yr	0	0	2,485	5,598	9,468	13,899	14,928
34	TN H		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	79,386	41,669	44,753
35	TN H		334300	Meter Vaults	QIIP	No	25 yr	0	0	0	0	19,165	10,059	10,804
36 37	TN I	Makana Nama	334100	M-4			25 yr	0	0	0	0	0	0	0
38	TN I	Meters - New	334200	Meters Mater Installations		No		0	0	0	0	0	0	0
39	IIN I		334200	Meter Installations		No	25 yr	U	U	U	U	U	U	U
40	TN J	Meters - Replaced	334100	Meters	QIIP	No	25 yr	21,547	117,865	8,282	140,541	6,158	280,520	101,131
41	TN J	ivieters - nepiaceu	334200	Meter Installations	QIIP	No	25 yr	309,192	437,188	435,098	674,938	2,282,439	3,974,480	1,432,842
42			334200	Weter installations	QIII	140	23 yı	303,132	437,100	433,030	074,550	2,202,433	3,374,400	1,432,042
43	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0	0	0	0	0	0	0
44		4. 1												
45	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	103,404	0	0	0	0	0	0
46	TN L		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	8,602	(8,602)	24,665	2,799	24,303	21,877	26,191
47	TN L		340300	Computer Software	SEC	Non T&D	3 yr					2,492	684	819
48	TN L		346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr	28,664	(8,105)	(0)	0	0	(0)	(0)
49	TN L		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	72,432	145,944	65,414	74,035	144,825	119,439	142,990
50														
51	TN M	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	15,805	0	4,872	5,588
52	TN M		304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
53	TN M		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	108,306	37,983	98,097	54,586	61,996	71,090
54	TN M		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	28,053	4,129	56,233	29,830	34,204
55	TN M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	4,773	0	0	0	0	0	0
56	TN M		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	2,621	390	1,933	2,216
57	TN M		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	0	9,549	3,062	3,511
58														
59	TN N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0

Net Additions Minus Repairs & Bonus By Year

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								_			Net Additions N	Ainus Repairs & Bor	nus By Year		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
64 65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	101,914	(7,792)	74,136	369,286	(355,883)	28,419	25,119
68	TN	Q.		304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	, , ,	240,362	357,279	26,103	215,216	190,220
69	TN	à		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	5,863	9,192	101,770	333,826	146,282	129,292
70	TN	à		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	21.111	16	0	0	6	5
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	22.805	0	26,140	(0)	8,310	7,345
72	TN	Q		304500	Struct & Improvement - General	SEC	Non T&D	39 yr	0	0	0	5,861	0	1,863	1,647
73	TN	Q		304700	Struct & Imp-Offices Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	0	0	0	0,801	0	1,803	1,047
73 74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D		0	0	7,767	0	108,612	41,920	37,051
74 75	TN	Q		309000		SEC	Non T&D	25 yr	3,801	0	7,767	0	100,612	41,920	37,031
					Supply Mains			25 yr						-	
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr	9,659	0	0	5,241	0	3,584	3,168
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0	7,756	709	7,363	25,887	14,141	12,499
78	TN	Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	44,639	143,679	124,127	320,265	177,740	373,781	330,367
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	144,974	588,432	20,499	280,351	396,752	338,708	299,369
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	0	285,503	693	82,399	166,821	112,025	99,014
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0	0	0	8,585	0	5,869	5,188
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	0	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr	0	0	0	46,233	0	32,873	29,055
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0	0	0	454	0	323	286
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	0	0	1,055	0	0	816	722
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	0	465	1,250	0	1,215	1,074
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	17,069	0	0	0	0	0
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	1,751	0	1,210	8,421	3,644	3,221
91	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0	3,206	0	0	10,412	3,443	3,042
92															
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	(640)	498	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	801,191	0	0	0	0
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	900,651	(11,014)	(656,785)	0	0	0	0
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	16,892	0	0	0	0
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	8,799	224,136	(174,415)	0	336,886	179,873	423,371
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0	19,077	93,463	218,315	(105,459)	288,997	680,221
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0	0	29,019	0	0	0	0
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	0	175,865	84,727	374,542	881,568
101															
102 103 104	TN	S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
105			ACQUISITIONS												
106 107			Total Acquiritions												
107			Total Acquisitions												
109			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111		T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
112		0203	Total Centrally Sponsored Projects	3.0313	zapater sortmare special sepret nate			J 1.	· ·	· ·	· ·	· ·	ŭ	· ·	Ü

								_			Net Additions N	linus Repairs & Bon	us By Year		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
44.4			INVESTMENT DROVESTS												
114	TN	126 020020	INVESTMENT PROJECTS	204200	Charact S. Israel Transferrent	QIIP	N T0 D	20	0	0	4 020 520	(4.45.672)	0	0	0
115 116	TN	126-020028 126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300 320100	Struct & Imp-Treatment WT Equip Non-Media	QIIP	Non T&D Non T&D	39 yr 25 yr	0	0	4,029,630 671,605	(145,672) 4,386	0	0	0
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0	0	071,003	96,411	0	0	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	9,351	(11,381)	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	252,767	2,921,638	0	0	0
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	7,713,945	(173,074)	(6,269,967)	0	0	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	2,305,715	123,207	1,576,414	0	0	0
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	19,247	(431)	(16,471)	0	0	0
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr	0	7,699	(56)	(4,565)	0	0	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	2,095,327	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	4,947,252
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	4,273,290	279,751
128	TN	126-020044	New Raw Water Intake Citico			SEC			0	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr					0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	569,060
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr					0	0	557,707
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr					0	0	830,203
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr		_	_	_	0	0	560,878
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP			0	0	0	0	0	0	0
136	TN TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
137		126-050002		304300	Struct & Imp-Treatment	SEC SEC	Non T&D	39 yr	0	0	0	0	-	0	0
138 139	TN TN	126-050002 126-050002		304400 320100	Struct & Imp-Treatment-T&D WT Equip Non-Media	SEC	Non T&D Non T&D	39 yr 25 yr	0	0	0	0 23,135	18,938 80,445	0	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	Non T&D	25 yr 5 yr	0	0	0	133,127	(272,814)	0	0
141	TN	126-050002	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	340130	Kenote condora matament	QIIP	NOII TOD	J yı	· ·	· ·	· ·	155,127	(272,014)	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr					43,929	0	0
143	TN	126-050004		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	0	0	0	175,835	0	0
144	TN	126-050004		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	0	8,830	0	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr	0	0	0	0	0	0	0
149								_							
150								_	\$2,790,859	\$14,126,711	\$7,235,975	\$2,835,178	\$6,158,523	\$17,891,403	\$17,625,867
151			Tax depreciation rates used by the company					_							
452			Total DV Findings						ć2 700 0FC	£44.436.746	67 22F 07F	62 025 476	66 450 522	647.004.405	647 625 067
152			Total DV Excluded:					_	\$2,790,859	\$14,126,711	\$7,235,975	\$2,835,178	\$6,158,523	\$17,891,403	\$17,625,867
153			Total Course					_	40 =00 0=-	44444	4= 44= 4=	40.000.485	46.400.000	446 === 465	445.000.05-
154			Total Surcharge Amt:					_	\$2,790,859	\$14,126,711	\$7,235,975	\$2,835,178	\$6,158,523	\$16,758,403	\$16,325,867
155								_	6522.062	Ć44 272 F25	£046.005	Ć4.63.40F	£4.246.222	ĆE 040 435	£2.204.025
156			SEC Total:					_	\$522,863	\$11,373,532	\$846,900	\$163,105	\$1,246,232	\$5,849,423	\$2,304,921
157								_	624.252	6272.255	£444 20C	Ć404 202	£504.455	Ć4 444 00C	£4.043.00°
158 159			EDI Total:					_	\$31,252	\$273,250	\$111,286	\$181,283	\$601,168	\$1,144,000	\$1,812,909
160			QIIP Total:					_	\$2,236,744	\$2,479,929	\$6,277,789	\$2,490,790	\$4,311,123	\$9,764,980	\$12,208,036

Net Investment for Estimated Tax Depreciation Calculation 2020

								_			Stat	e MACRS Deprecia	tion By Year		
Line #	Ві	usiness Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
1			RECURRING PROJECTS												
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		T&D	25 yr	0	0	0	0	0	0	0
4	TN	DV		335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
5														2.055	= 500
6	TN	A	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr	0	0	0	0	1,342	3,965	5,629
7	TN	A		331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	9,125	21,077	30,060	44,782	70,087	91,849
8	TN	A		333000	Services	EDI	T&D	25 yr	0	64 0	179	264	332	479 1,074	627
10	TN TN	A A		334300 335000	Meter Vaults	EDI EDI	No T&D	25 yr	0	227	364 721	727 1,564	727 2,137	2,935	1,525 3,977
11	IIN	А		333000	Hydrants	EDI	IND	25 yr	U	221	/21	1,504	2,137	2,935	3,977
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	12,408	41,127	66,744	99,871	132,025	157,011	200,313
13	TN	В	Mailis - Replaced / Restored	333000	Services	QIIP	T&D	25 yr 25 yr	342	3,143	5,683	8,732	12,915	15,925	20,513
14	TN	В		335000	Hydrants	QIIP	T&D	25 yr 25 yr	421	818	885	1,781	2,706	3,250	4,358
15		ь		333000	nydians	QIII	IQD	23 yı	421	010	005	1,701	2,700	3,230	4,550
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	15,092	45,022	89,048	135,957	167,954	199,879	234,626
17	TN	C	Wallis Offscheduled	335000	Hydrants	QIIP	T&D	25 yr	0	45,022	64	128	128	144	175
18		C		333000	nydians	QIII	IQD	23 yı	Ü	Ü	04	120	120	144	173
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	1,066	24,285	41,785	40,887	48,066	54,023	59,091
20	TN	D		333000	Services	QIIP	T&D	25 yr	4	26	43	207	367	411	505
21	TN	D		335000	Hydrants	QIIP	T&D	25 yr	0	120	296	629	1,268	1,819	2,193
22					,	-							,	, ,	
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	479	2,640	5,034	6,646	7,605	8,946	11,341
24	TN	E		335000	Hydrants	EDI	T&D	25 yr	771	1,375	1,438	1,799	3,205	6,078	9,064
25					•			•							
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	331	2,305	4,197	4,933	5,478	6,231	7,725
27	TN	F		335000	Hydrants	QIIP	T&D	25 yr	3,377	9,909	14,291	16,615	19,764	25,573	33,664
28															
29	TN	G	Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	22,660	71,320
30															
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
32	TN	Н		333000	Services	QIIP	T&D	25 yr	6,821	20,702	32,987	43,910	51,735	60,219	73,401
33	TN	Н		334100	Meters	QIIP	No	25 yr	0	0	99	440	870	1,337	1,914
34	TN	Н		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	1,588	4,009	5,737
35	TN	Н		334300	Meter Vaults	QIIP	No	25 yr	0	0	0	0	383	968	1,385
36															
37	TN	1	Meters - New	334100	Meters		No	25 yr	0	0	0	0	0	0	0
38	TN	1		334200	Meter Installations		No	25 yr	0	0	0	0	0	0	0
39															
40	TN	J	Meters - Replaced	334100	Meters	QIIP	No	25 yr	862	6,438	11,484	17,860	24,028	29,762	37,395
41	TN	J		334200	Meter Installations	QIIP	No	25 yr	12,368	42,223	77,114	123,548	198,226	323,365	431,511
42	TNI		ITC Familian and Contains	240200	Constant R Barlahard Faulancet		N T0D	F					0		
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0	0	0	0	0	0	0
44	TAI		CCADA Faulances and Contains	220400	MT Faula New Madia	CEC.	N T0D	25	4.426	0.272	0.272	0.272	0.272	0.272	0.272
45 46	TN TN	L	SCADA Equipment and Systems	320100 340200	WT Equip Non-Media	SEC	Non T&D Non T&D	25 yr	4,136	8,272	8,272	8,272	8,272 16,258	8,272 18,000	8,272 22,290
46	TN	L		340200	Computer & Peripheral Equipment Computer Software	SEC SEC	Non T&D	5 yr	3,441	2,065	7,664	15,669	831	1,059	1,332
47	TN	L L		346100	Comm Equip Non-Telephone	SEC	Non T&D	3 yr 5 yr	11,466	15,103	5,820	3,492	4,737	1,435	(934)
49	TN	L		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	28,973	104,735	147,384	146,440	155,347	157,843	144,851
50	1 IN	L		340190	nemote control & instrument	SEC	NUII I &D	J yı	20,913	104,/33	147,304	140,440	133,347	137,643	144,051
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	0	0	0	203	405	468	602
52	TN	M	Security Equipment and Systems	304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	403	0	0
53	TN	M		304300	Struct & Imp-rumping Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	1,388	3,264	5,008	6,966	8,460	10,167
55 54	TN	M		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	1,300	360	772	1,546	2,649	3,470
55	TN	M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	61	122	122	122	1,340	122	122
56	TN	M		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	1,128	1,882	1,594	1,786
57	TN	M		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	0	191	443	575
58				31,000	moe Equipment	520		-5 7.	Ü	3	Ü	3	-51		5/5
59	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0
								- P	•	,	·	•	Ü	Ü	ŭ

State MACRS Depreciation By Year

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Net Investment for Estimated Tax Depreciation Calculation 2020

								_			Jiai	e MACKS Deprecia	tion by rear		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
64					4. 6										
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	1,307	2,513	3,364	9,048	9,220	5,022	5,708
68	TN	Q	4.7	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	. 0	0	3,081	10,743	15,658	18,752	23,950
69	TN	à		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	75	268	1,691	7,275	13,430	16,963
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	271	541	542	542	542	542
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	292	585	920	1,255	1,361	1,562
72	TN	Q		304500	Struct & Imp-Offices	SEC	Non T&D	39 yr	0	0	0	75	150	174	219
73	TN			304700	·				0	0	0	75	130	0	0
		Q			Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	-	-	-	-	-	-	-
74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0	0	311	621	2,794	5,804	7,384
75	TN	Q		309000	Supply Mains	SEC	Non T&D	25 yr	152	304	304	304	304	304	304
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr	386	773	773	998	1,224	1,295	1,430
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0	310	649	994	1,828	2,629	3,162
78	TN	Q		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	1,786	9,318	20,031	38,771	56,100	67,131	81,214
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	5,799	35,135	59,492	72,371	92,364	107,073	119,834
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	0	11,420	22,868	26,440	33,320	38,897	43,118
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0	0	0	369	738	856	1,077
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	0	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr	0	0	0	33,139	33,139	44,106	20,641
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0	0	0	326	326	434	203
87	TN	Q		343000		SEC	Non T&D	25 yr	0	0	42	84	84	101	131
88	TN				Tools, Shop, Garage Equipment				· ·	0					
		Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	-	19	91	145	169	215
89	TN	Q		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	683	1,366	1,366	1,366	1,366	1,366
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	700	1,120	1,193	2,920	4,327	3,929
91 92	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0	128	257	257	465	742	872
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	(8)	(10)	(4)	(4)	(4)	(4)
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	10,271	20,543	20,543	20,543	20,543
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	36,026	71,612	44,900	18,628	18,628	18,628	18,628
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	676	1,351	1,351	1,351	1,351
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	352	9,669	11,658	4,682	11,419	21,755	33,819
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0	763	5,265	18,393	25,674	29,345	48,729
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0	0	1,161	2,322	2,322	2,322	2,322
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	0	7,564	16,823	26,008	51,130
101				330200		~		/-	Ü	· ·	· ·	7,501	10,023	20,000	51,150
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
102	1114	,	Total Recurring Projects	331001	Transmission & Distribution Mains		TOD	23 yı	U	U	U	U	U	U	U
			rotal Recurring Projects												
104															
105			ACQUISITIONS												
106															
107			Total Acquisitions												
108															
109			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
112			Total Centrally Sponsored Projects					•							
113			• • • • • •												

State MACRS Depreciation By Year

											Stat	te MACRS Depreciat	tion By Year		
		Business Unit No.	Project Title	Account	Account Descrip	Surcharg	Repairs	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
Line #						e	Туре								
114			INVESTMENT PROJECTS												
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	51,660	101,452	99,585	99,585	99,585
116	TN	126-020028	cities Figure Improvements Finase 15 (\$5.5)	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	26,864	53,917	54,106	54,106	54,106
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0	0	0	41,467	66,347	39,808	23,885
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	120	94	(52)	(52)	(52)
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	3,240	43,936	81,392	81,392	81,392
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	98,893	195,567	112,967	32,586	32,586	32,586
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	92,229	189,385	262,117	329,919	329,919	329,919
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	770	1,522	797	88	88	88
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr	0	308	614	415	219	219	219
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	41,907	83,813
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	98,945
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	85,466	176,527
128	TN	126-020044	New Raw Water Intake Citico			SEC			0	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr					0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	7,295
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr					0	0	11,154
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr					0	0	16,604
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr					0	0	11,218
135	TN	126-050001	Raw Water Intake Improvements Whitwell	204200		QIIP			0	0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	0	0	243	486	486
139 140	TN TN	126-050002 126-050002		320100 346190	WT Equip Non-Media Remote Control & Instrument	SEC SEC	Non T&D Non T&D	25 yr 5 yr	0	0	0	995 57,259	3,599 37,051	5,208 (32,332)	5,208 (19,399)
140	TN	126-050002	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	346190	Remote Control & Instrument	QIIP	NOII TAD	5 yı	U	U	U	37,239	37,031	(32,332)	(19,599)
141	TN	126-050003	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr					563	1,126	1,126
143	TN	126-050004	Replace 0.1 MO Storage Talik at Willtwell	330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	0	0	0	3,517	7,033	7,033
144	TN	126-050004		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	0	1,766	2,826	1,695
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
146	TN	126-000001	Trinched Acquisition capital investment	320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr	0	0	0	0	0	0	0
149								·						-	
150									\$148,227	\$677,392	\$1,204,383	\$1,666,902	\$1,993,090	\$2,384,329	\$3,036,223
151			Tax depreciation rates used by the company					-							
152			Total DV Excluded:					-	\$148,227	\$677,392	\$1,204,383	\$1,666,902	\$1,993,090	\$2,384,329	\$3,036,223
153 154			Total Surcharge Amt:					-	\$148,227	\$677,392	\$1,204,383	\$1,666,902	\$1,993,090	\$2,361,669	\$2,964,903
155			•					-							
156			SEC Total:					=	\$57,507	\$385,807	\$678,405	\$860,029	\$948,665	\$1,028,825	\$1,154,403
157								=	44.0=-	440.400	400.01-	444.005	440.405	400.00	4454 55-
158 159			EDI Total:					-	\$1,250	\$13,431	\$28,813	\$41,060	\$60,130	\$93,564	\$151,770
160			QIIP Total:					-	\$89,470	\$278,154	\$497,165	\$765,813	\$984,295	\$1,239,280	\$1,658,730
								-						_	

								_			Federal	MACRS Depreciati	on By Year		
Line #	В	No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
1			RECURRING PROJECTS												
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		T&D	25 yr	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		T&D	25 yr	0	0	0	0	0	0	0
4	TN	DV		335000	Hydrants		T&D	25 yr	0	0	0	0	0	0	0
5				224422		50.								2.055	# cao
6	TN	A	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	Non T&D	39 yr	0	0	0	0	1,342	3,965	5,629
7 8	TN TN	A		331001	Transmission & Distribution Mains	EDI	T&D	25 yr	0	4,563	10,538	14,814	26,242	51,547	73,310
8	TN	A A		333000 334300	Services Meter Vaults	EDI EDI	T&D No	25 yr 25 yr	0	32 0	89 182	131 364	180 364	327 711	475 1,162
10	TN	A		335000	Hydrants	EDI	T&D	25 yr 25 yr	0	113	360	762	1,026	1,824	2,866
11	IIN	A		333000	Tryurants	LDI	TOD	23 yı	U	113	300	702	1,020	1,024	2,800
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	6,204	20,564	33,372	49,102	68,511	93,498	136,800
13	TN	В	,,	333000	Services	QIIP	T&D	25 yr	171	1,572	2,841	4,262	6,858	9,867	14,532
14	TN	В		335000	Hydrants	QIIP	T&D	25 yr	210	409	442	862	1,356	1,900	3,007
15					•										
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	7,546	22,511	44,524	67,358	89,874	121,799	156,546
17	TN	С		335000	Hydrants	QIIP	T&D	25 yr	0	0	32	64	64	80	111
18															
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	533	12,142	20,892	20,312	25,482	31,440	36,507
20	TN	D		333000	Services	QIIP	T&D	25 yr	2	13	22	98	170	214	309
21	TN	D		335000	Hydrants	QIIP	T&D	25 yr	0	60	148	305	796	1,347	1,721
22															
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	T&D	25 yr	239	1,320	2,517	3,292	3,769	5,110	7,505
24	TN	E		335000	Hydrants	EDI	T&D	25 yr	386	688	719	895	2,231	5,104	8,090
25		_													
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	166	1,152	2,099	2,449	2,735	3,488	4,982
27 28	TN	F		335000	Hydrants	QIIP	T&D	25 yr	1,689	4,954	7,145	8,269	10,832	16,641	24,732
29	TN	G	Services and Laterals - New	333000	Services		T&D	25 yr	0	0	0	0	0	22,660	71,320
30	TN		Condess and Laborate Double and	331001	Transmission & Distribution Mains	QIIP	T&D	25	0	0	0	0	0	0	0
31 32	TN	H H	Services and Laterals - Replaced	331001	Services	QIIP	T&D	25 yr 25 yr	0 3,410	10,351	16,494	21,755	0 26,533	35,017	48,198
33	TN	Н		334100	Meters	QIIP	No	25 yr 25 yr	3,410	10,351	16,494	21,755	26,533 513	980	1,557
34	TN	н		334200	Meter Installations	QIIP	No	25 yr	0	0	0	0	1,588	4,009	5,737
35	TN	н		334300	Meter Vaults	QIIP	No	25 yr	0	0	0	0	383	968	1,385
36		••		331300	meter values	۵		25).	ŭ	Ü	· ·		303	300	1,505
37	TN	1	Meters - New	334100	Meters		No	25 yr	0	0	0	0	0	0	0
38	TN	i		334200	Meter Installations		No	25 yr	0	0	0	0	0	0	0
39								•							
40	TN	J	Meters - Replaced	334100	Meters	QIIP	No	25 yr	431	3,219	5,742	8,719	11,653	17,386	25,019
41	TN	J		334200	Meter Installations	QIIP	No	25 yr	6,184	21,111	38,557	60,758	119,905	245,044	353,190
42															
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		Non T&D	5 yr	0	0	0	0	0	0	0
44															
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	2,068	4,136	4,136	4,136	4,136	4,136	4,136
46	TN	L		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	1,720	1,032	3,832	7,792	10,492	15,036	19,573
47	TN	L		340300	Computer Software	SEC	Non T&D	3 yr					831	1,059	1,332
48	TN	L		346100	Comm Equip Non-Telephone	SEC	Non T&D	5 yr	5,733	7,552	2,910	1,746	2,368	717	(467)
49	TN	L.		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	14,486	52,367	73,692	72,105	90,373	112,967	119,096
50	T01		Consider Foundament and Contains	204400	Charact & Larac Consults	CEC	N TOD	20				202	405	460	602
51 52	TN TN	M M	Security Equipment and Systems	304100 304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC SEC	Non T&D Non T&D	39 yr 39 yr	0	0	0	203 0	405 0	468 0	602 0
53	TN	M		304200	Struct & Imp-Pumping Struct & Imp-Treatment	SEC	Non T&D	39 yr 39 yr	0	1,388	3,264	5,008	6,966	8,460	10,167
54	TN	M		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	1,366	360	772	1,546	2,649	3,470
55	TN	M		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	61	122	122	122	1,340	122	122
56	TN	M		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	524	917	1,015	1,439
57	TN	M		347000	Misc Equipment	SEC	Non T&D	25 yr	0	0	0	0	191	443	575
58					and the second			- /	_	-	-	-	- -	-	
59 60	TN	N	Offices and Operations Centers	304500	Struct & Imp-Treatment		Non T&D	39 yr	0	0	0	0	0	0	0

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Net Investment for Estimated Tax Depreciation Calculation 2020

								_			Federai	MACKS Depreciation	on by Year		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		Non T&D	5 yr	0	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		Non T&D	5 yr	0	0	0	0	0	0	0
64															
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		Non T&D	25 yr	0	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	Non T&D	39 yr	1,307	2,513	3,364	9,048	9,220	5,022	5,708
68	TN	Q	1 rocess riant racinites and Equipment	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	2,515	3,081	10,743	15,658	18,752	23,950
69	TN	Q		304300	Struct & Imp Tumping Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	75	268	1,691	7,275	13,430	16,963
					·				0						
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	-	271	541	542	542	542	542
71	TN	Q		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	292	585	920	1,255	1,361	1,562
72	TN	Q		304600	Struct & Imp-Offices	SEC	Non T&D	39 yr	0	0	0	75	150	174	219
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	0	0	155	311	2,483	5,494	7,073
75	TN	Q		309000	Supply Mains	SEC	Non T&D	25 yr	76	152	152	152	152	152	152
76	TN	Q		310000	Power Generation Equip	SEC	Non T&D	25 yr	193	386	386	491	596	668	803
77	TN	Q		311200	Pump Eqp Electric	SEC	Non T&D	25 yr	0	155	324	486	1,151	1,951	2,484
78	TN	à		311520	Pumping Equipment SOS	SEC	Non T&D	25 yr	893	4,659	10,015	18,903	28,863	39,894	53,977
79	TN	Q		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	2,899	17,568	29,746	35,763	49,305	64,015	76,776
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	Non T&D	25 yr	0	5,710	11,434	13,096	18,080	23,657	27,878
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	Non T&D	25 yr	0	0	0	172	343	461	682
82	TN	Q		331001	Transmission & Distribution Mains	SEC	T&D	25 yr	0	0	0	0	0	0	0
83	TN	Q		334100	Meters	SEC	No	25 yr	0	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	Non T&D	5 yr	0	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	SEC	Non T&D	3 yr	0	0	0	15,410	15,410	26,371	20,641
86	TN	Q		340330	Computer Software Other	SEC	Non T&D	3 yr	0	0	0	151	151	259	203
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	Non T&D	25 yr	0	0	21	42	42	59	89
88	TN	Q		344000	Laboratory Equipment	SEC	Non T&D	25 yr	0	0	9	44	69	93	139
89	TN	à		345000	Power Operated Equipment	SEC	Non T&D	25 yr	0	341	683	683	683	683	683
90	TN	Q		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	350	560	578	2,273	3.858	3,667
91	TN	Q		347000	Misc Equipment	SEC	Non T&D	25 yr	0	64	128	128	336	614	743
92									-						
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	(8)	(10)	(4)	(4)	(4)	(4)
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	Non T&D	39 yr	0	0	10,271	20,543	20,543	20,543	20,543
95	TN	R		320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	18,013	35,806	22,450	9,314	9,314	9,314	9,314
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	338	676	676	676	676
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	Non T&D	25 yr	176	4,835	5,829	2,341	9,079	19,414	31,479
98	TN	R		330003	Tank Repainting	QIIP	Non T&D	25 yr	0	382	2,632	8,868	11,125	14,796	34,180
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	Non T&D	25 yr	0	0	580	1,161	1,161	1,161	1,161
100	TN	R		330200	Ground Level Tanks	QIIP	Non T&D	25 yr	0	0	0	3,517	8,729	17,915	43,037
101 102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		T&D	25 yr	0	0	0	0	0	0	0
103 104			Total Recurring Projects												
105			ACQUISITIONS												
106 107			Total Acquisitions												
108 109			CENTRALLY SPONSORED PROJECTS												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		Non T&D	3 yr	0	0	0	0	0	0	0
112 113			Total Centrally Sponsored Projects					•							

Federal MACRS Depreciation By Year

								_			Federal	MACRS Depreciation	n By Year		
Line #		Business Unit No.	Project Title	Account	Account Descrip	Surcharg e	Repairs Type	Tax Depr class life	2014	2015	2016	2017	2018	2019	2020
114	TN	126 020020	INVESTMENT PROJECTS	204200	Street & Irra Treetment	OUD	No. TOD	20	0	0	F4 CC0	101 453	00 505	00 505	00 505
115 116	TN	126-020028 126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300 320100	Struct & Imp-Treatment WT Equip Non-Media	QIIP QIIP	Non T&D Non T&D	39 yr 25 yr	0	0	51,660 13,432	101,452 26,952	99,585 27,040	99,585 27,040	99,585 27,040
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	Non T&D	5 yr	0	0	13,432	19,282	30,852	18,511	11,107
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	120	94	(52)	(52)	(52)
119	TN	126-020032	, , , , , , , , , , , , , , , , , , ,	304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	3,240	43,936	81,392	81,392	81,392
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	Non T&D	39 yr	0	98,893	195,567	112,967	32,586	32,586	32,586
122	TN	126-020032		320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	46,114	94,693	128,685	160,213	160,213	160,213
123	TN	126-020032		330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	385	761	423	94	94	94
124	TN	126-020032		347000	Misc Equipment	SEC	Non T&D	25 yr	0	154	307	214	123	123	123
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	41,907	83,813
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	98,945
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	Non T&D	25 yr	0	0	0	0	0	85,466	176,527
128	TN	126-020044	New Raw Water Intake Citico			SEC			0	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr	0	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	Non T&D	25 yr					0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	Non T&D	39 yr					0	0	7,295
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	T&D	25 yr					0	0	11,154
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	Non T&D	25 yr					0	0	16,604
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	Non T&D	25 yr	_	_	_	_	0	0	11,218
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP			0	0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	Non T&D	39 yr	0	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	0	0	0	0	243	486	486
139 140	TN TN	126-050002 126-050002		320100 346190	WT Equip Non-Media Remote Control & Instrument	SEC SEC	Non T&D Non T&D	25 yr 5 yr	0	0	0	463 26,625	2,534	4,143 (61,740)	4,143 (37,044)
140	TN	126-050002	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	346190	Remote Control & Instrument	QIIP	NOILL	э уг	0	0	0	20,023	(11,962) 0	(61,740)	(37,044)
141	TN	126-050003	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	Non T&D	39 yr	U	U	U	U	563	1,126	1,126
143	TN	126-050004	replace 0.1 We storage rank at writewen	330200	Ground Level Tanks	SEC	Non T&D	25 yr	0	0	0	0	3,517	7,033	7,033
144	TN	126-050004		346190	Remote Control & Instrument	SEC	Non T&D	5 yr	0	0	0	0	1,766	2,826	1,695
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	T&D	25 yr	0	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	Non T&D	25 yr	0	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	Non T&D	5 yr	0	0	0	0	0	0	0
149								_							
150								_	\$74,796	\$390,468	\$738,403	\$974,128	\$1,163,908	\$1,614,062	\$2,325,138
151			Tax depreciation rates used by the company					=							
152			Total DV Excluded:						\$74,796	\$390,468	\$738,403	\$974,128	\$1,163,908	\$1,614,062	\$2,325,138
153			.ou. 2. Excluded.					-	ş,,,,,,,	7330,400	Ç730,403	4374,120	¥1,103,303	¥1,017,00Z	72,323,130
153			Total Surcharge Amt:					-	\$74,796	\$390,468	\$738,403	\$974,128	\$1,163,908	\$1,591,402	\$2,253,818
154			Total Saltilage Allit.					-	3/4,/36	3370,406	\$736,4US	37/4,126	\$1,103,506	31,331,4UZ	32,233,018
155			SEC Total:					-	\$29,436	\$244,679	\$444.456	\$515,244	\$543,401	\$668,278	\$844,519
			SEC Total:					=	3 23,43 6	32 44 ,079	\$ 444 ,430	3313,2 44	3343,4UI	3000,476	3044,319
157 158			EDI Total:					-	\$625	\$6,716	\$14,405	\$20,258	\$35,154	\$68,588	\$126,795
159			EDI Total:					-	3023	30,710	\$14,403	320,238	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,500,500	3120,733
160			QIIP Total:					_	\$44,735	\$139,073	\$279,542	\$438,626	\$585,353	\$854,536	\$1,282,504

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/22/18
Description TN BP 2019-2023 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2018 SCEP Reforecast	Prior 2018 SCEP In- Serviced
1			RECURRING PROJECTS									
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	0.0%	1	1.25%				\$0
3	TN	DV		333000	Services	0.0%	1	1.11%				0
4	TN	DV		335000	Hydrants	0.0%	1	2.30%				0
5												
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	10.0%	1	2.13%				104,691
7	TN	Α		331001	Transmission & Distribution Mains	83.7%	1	1.25%				1,333,654
8	TN	Α		333000	Services	0.6%	1	1.11%				9,131
9	TN	Α		334300	Meter Vaults	1.7%	1	2.73%				18,184
10	TN	Α		335000	Hydrants	4.0%	1	2.30%				53,335
11												
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	88.2%	1	1.25%				5,792,864
13	TN	В		333000	Services	9.5%	1	1.11%				602,211
14	TN	В		335000	Hydrants	2.3%	1	2.30%				128,112
15												
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	99.9%	1	1.25%				7,357,687
17	TN	С		335000	Hydrants	0.1%	1	2.30%				4,979
18												
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	91.5%	1	1.25%				3,900,718
20	TN	D		333000	Services	1.7%	1	1.11%				47,893
21	TN	D		335000	Hydrants	6.8%	1	2.30%				190,820
22												
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	44.5%	1	1.25%				191,601
24	TN	E		335000	Hydrants	55.5%	1	2.30%				134,351
25												
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	15.6%	1	1.25%				196,998
27	TN	F		335000	Hydrants	84.4%	1	2.30%				820,905
28												
29	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				0
30												
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
32	TN	Н		333000	Services	90.6%	1	1.11%				2,074,366
33	TN	Н		334100	Meters	2.0%	1	7.47%				26,480
34	TN	Н		334200	Meter Installations	6.0%	1	2.73%				79,386
35	TN	Н		334300	Meter Vaults	1.4%	1	2.73%				19,165
36												
37	TN	I	Meters - New	334100	Meters	0.0%	1	7.47%				0
38	TN	1		334200	Meter Installations	0.0%	1	2.73%				0
39												
40	TN	J	Meters - Replaced	334100	Meters	6.6%	1	7.47%				603,786
41	TN	J		334200	Meter Installations	93.4%	1	2.73%				6,096,877
42												
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
44												
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	0.0%	1	1.09%				268,337
46	TN	L		340200	Computer & Peripheral Equipment	15.4%	1	2.19%				79,653
47	TN	L		340300	Computer Software	0.5%	1	1.83%				2,492
48	TN	L		346100	Comm Equip Non-Telephone	0.0%	1	4.21%				41,119
49	TN	L		346190	Remote Control & Instrument	84.1%	1	4.21%				871,624
50												
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	4.8%	1	1.98%				20,271
52	TN	M		304200	Struct & Imp-Pumping	0.0%	1	1.98%				0
53	TN	M		304300	Structures & Improvement - Treatment	61.3%	1	4.11%				389,532
54	TN	M		304400	Struct & Imp-Treatment-T&D	29.5%	1	2.13%				124,095
55	TN	M		304500	Structures & Improvement - General	0.0%	1	1.13%				6,193

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

 Business Unit
 Tennessee

 Revision Date
 10/22/18

 Description
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Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2018 SCEP Reforecast	Prior 2018 SCEP In- Serviced
56	TN	М		340200	Computer & Peripheral Equipment	1.4%	1	2.19%				6,028
57	TN	M		347000	Misc Equipment	3.0%	1	6.33%				12,737
58												
59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0.0%	1	1.13%				0
60 61	TNI	0	Vehicles	341100	Tennes estation Ferrin 14 Duty Terrella	0.0%	1	16.00%				0
62	TN TN	0	venicies	341100	Transportation Equip Lt Duty Trucks Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				0
63	TN	0		341300	Transportation Equip Tivy Duty Trucks Transportation Equip Autos	0.0%	1	11.38%				0
64		· ·		311300	Transportation Equip Nates	0.070	-	11.50/0				Ü
65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				0
66												
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	2.1%	1	1.98%				237,419
68	TN	Q		304200	Struct & Imp-Pumping	16.3%	1	1.98%				868,258
69	TN	Q		304300	Struct & Imp-Treatment	11.1%	1	4.11%				597,277
70	TN	Q		304400	Struct & Imp-Treatment-T&D	0.0%	1	2.13%				25,679
71	TN	Q		304500	Structures & Improvement - General	0.6%	1	1.13%				61,239
72	TN	Q		304600	Struc &Imp-Offices	0.1%	1	1.13%				7,517
73	TN	Q		304700	Struct & Imp-Store,Shop,Garage	0.0%	1	0.73%				0
74	TN	Q		306000	Lake, River & Other Intakes	3.2%	1	0.83%				169,120
75	TN	Q		309000	Supply Mains	0.0%	1	1.87%				9,862
76	TN	Q		310000	Power Generation Equip	0.3%	1	12.33%				39,524
77	TN	Q		311200	Pump Eqp Electric	1.1%	1	2.45%				75,902
78	TN	Q		311520	Pumping Equipment SOS	28.2%	1	1.83%				1,973,004
79	TN	Q		320100	WT Equip Non-Media	25.6%	1	1.09%				3,172,823
80	TN	Q		320200	Water Trmt Equip Filter Media	8.5%	1	33.69%				1,145,843
81 82	TN TN	Q		330000	Dist Reservoirs & Standpipes	0.4% 0.0%	1 1	2.08% 1.25%				23,679 0
82 83	TN	Q Q		331001 334100	Transmission & Distribution Mains		1	7.47%				0
83 84	TN	Q Q		340200	Meters Computer & Peripheral Equipment	0.0% 0.0%	1	2.19%				0
85	TN	Q		340300	Computer Software	1.9%	1	1.83%				99,427
86	TN	Q		340330	Computer Software Other	0.0%	1	1.83%				977
87	TN	Q		343000	Tools, Shop, Garage Equipment	0.1%	1	6.89%				3,294
88	TN	Q		344000	Laboratory Equipment	0.1%	1	1.01%				4,899
89	TN	Q		345000	Power Operated Equipment	0.0%	1	7.03%				41,485
90	TN	Q		346190	Remote Control & Instrument	0.2%	1	4.21%				14,524
91	TN	Q		347000	Misc Equipment	0.3%	1	6.33%				21,681
92												
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%	1	4.11%				0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	0.0%	1	12.06%				1,250,689
95	TN	R		320100	WT Equip Non-Media	0.0%	1	1.09%				259,932
96	TN	R		320200	Water Trmt Equip Filter Media	0.0%	1	33.69%				52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	21.3%	1	2.08%				472,407
98	TN	R		330003	Tank Repainting	34.3%	1	11.08%				799,647
99	TN	R		330100	Elevated Tanks & Standpipes	0.0%	1	2.74%				90,599
100	TN	R		330200	Ground Level Tanks	44.4%	1	2.74%				598,079
101												
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
103			Total Recurring Projects									
104			ACOLUCITIONS									
105			ACQUISITIONS									
106 107			Total Acquisitions									
107			Total Acquisitions									
109												
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				0

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
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Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2018 SCEP Reforecast	Prior 2018 SCEP In- Serviced
111 112 113	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				0
			NU TOTAL PRO LICETO							Inception to Date Spend	2018 SCEP Reforecast	
114	TN	126-020028	INVESTMENT PROJECTS	304300	Charact & Jane Taracturant		6/1/2016	4.11%		эрспи	nerorecase	C 103 FC0
115 116	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	320100	Struct & Imp-Treatment WT Equip Non-Media		6/1/2016	1.09%				6,103,569 2,108,898
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				2,100,898
118	TN	126-020028	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%				207,333
119	TN	126-020032	wastewater freatified flanding imprigations	304300	Struct & Imp-Treatment		11/1/2015	4.11%				4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%				7,141,710
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%				1,062,411
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%				10,336,541
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%				0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%				5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%			1,748,969 (1)	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%				0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%		2,325,354 (1)		0
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024					0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%				0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%				0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%				0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%				
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%				
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%				
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024					0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%				0
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%				0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%				25,260
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				171,114
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022					0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%				58,596
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%				234,540
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%				8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%				0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%				0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%				0
148 149	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%				U
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:							\$68,206,031
150			1,7		Total DV Included.						•	\$68,206,031
			projections based on project costs through 2020		Total DV Excluded:						•	¢c0 200 021
152			(2) 5		Total DV Excluded.						•	\$68,206,031
153			(2) From actual or estimated in-service data provided by the	e company.	Total Surcharge Amet						-	450 205 024
154					Total Surcharge Amt:							\$68,206,031
155												*******
156					SEC Total:							\$26,473,944
157												
158					EDI Total:							\$1,844,947
159												*** ***
160					QIIP Total:						•	\$39,887,140

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

 Business Unit
 Tennessee

 Revision Date
 10/22/18

 Description
 TN BP 2019-2023 SCEP

					-						
Line #	I	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services	0	0	0	0	0	0
4	TN	DV		335000	Hydrants	0	0	0	0	0	0
5 6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	107,688	110,684	121,171	131,657	142,144	152,132
7	TN	Α		331001	Transmission & Distribution Mains	1,358,765	1,383,876	1,471,763	1,559,651	1,647,538	1,731,241
8	TN	A		333000	Services	9,302	9,472	10,069	10,665	11,262	11,830
9	TN	A		334300	Meter Vaults	18,704	19,224	21,046	22,867	24,689	26,424
10	TN	A		335000	Hydrants	54,537	55,739	59,947	64,155	68,362	72,370
11	114	^		333000	riyurants	34,337	33,733	33,347	04,133	00,302	72,370
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	5,872,278	5,960,516	6,070,813	6,203,169	6,366,408	6,595,826
13	TN	В		333000	Services	610,767	620,273	632,156	646,415	664,001	688,717
14	TN	В		335000	Hydrants	130,143	132,399	135,220	138,604	142,778	148,645
15					,		,				
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	7,512,213	7,666,490	7,821,016	7,975,543	8,105,092	8,234,641
17	TN	С		335000	Hydrants	5,119	5,259	5,400	5,540	5,658	5,776
18											
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	3,914,447	3,932,752	3,960,210	3,987,669	4,015,127	4,038,008
20	TN	D		333000	Services	48,150	48,493	49,007	49,522	50,036	50,465
21	TN	D		335000	Hydrants	191,833	193,185	195,213	197,240	199,268	200,957
22											
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	196,386	201,282	206,179	211,186	217,529	223,872
24	TN	E		335000	Hydrants	140,316	146,420	152,523	158,766	166,673	174,581
25											
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	201,147	205,336	209,524	217,648	225,772	233,895
27	TN	F		335000	Hydrants	843,380	866,067	888,753	932,754	976,756	1,020,757
28											
29	TN	G	Services and Laterals - New	333000	Services	92,667	185,334	278,751	376,168	473,835	571,502
30											
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32	TN	Н		333000	Services	2,123,281	2,173,329	2,224,237	2,276,052	2,333,301	2,392,453
33	TN	Н		334100	Meters	27,556	28,658	29,779	30,919	32,180	33,482
34	TN	н		334200	Meter Installations	82,615	85,918	89,277	92,697	96,475	100,379
35	TN	Н		334300	Meter Vaults	19,944	20,742	21,553	22,378	23,290	24,233
36 37	TN		Meters - New	334100	Meters	0	0	0	0	0	0
38	TN	i	Meters - Mew	334200	Meter Installations	0	0	0	0	0	0
39	114			334200	Weter installations	O	U	0	U	Ü	Ü
40	TN	J	Meters - Replaced	334100	Meters	620,362	636,938	656,811	689,869	722,927	756,050
41	TN	j	Meters Replaced	334200	Meter Installations	6,331,733	6,566,590	6,848,150	7,316,525	7,784,900	8,254,195
42		,		334200	Wicter installations	0,331,733	0,300,330	0,040,150	7,310,323	7,704,500	0,234,133
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
44	114	K	113 Equipment and Systems	340200	Computer & Peripheral Equipment	U	U	U	U	U	U
45	TNI		SCADA Equipment and Systems	320100	WT Equip Non Modia	268,337	260 227	260 227	260 227	268,337	268,337
45 46	TN TN	L	SCADA Equipment and Systems	320100 340200	WT Equip Non-Media		268,337 82,889	268,337 82,889	268,337	268,337 86,894	268,337 91,131
		L			Computer & Peripheral Equipment	79,653			86,894		
47	TN	_		340300	Computer Software	2,492	2,593	2,593	2,718	2,718	2,851
48	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
49	TN	L		346190	Remote Control & Instrument	871,624	889,288	889,288	911,157	911,157	934,287
50			6 2. 5. 1	204422	Start Black Start	20.070	24 477	22.075	22.670	22.255	22.052
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	20,873	21,475	22,076	22,678	23,280	23,882
52	TN	М		304200	Struct & Imp-Pumping	0	0	0	0	0	0
53	TN	М		304300	Structures & Improvement - Treatment	397,189	404,846	412,503	420,160	427,817	435,474
54	TN	М		304400	Struct & Imp-Treatment-T&D	127,780	131,464	135,148	138,832	142,516	146,200
55	TN	М		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193

Cumulative Balance of In-Serviced Plant, from 2019 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/22/18
Description TN BP 2019-2023 SCEP

					-	Cumulative Balance of In-Serviced Plant, from 2019 Capex, by Period					
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
56	TN	М		340200	Computer & Peripheral Equipment	6,207	6,386	6,565	6,744	6,923	7,102
57	TN	М		347000	Misc Equipment	13,115	13,493	13,871	14,249	14,628	15,006
58 59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0
60			W.D.L.	244400	T	•	•		0	•	
61 62	TN TN	0	Vehicles	341100 341200	Transportation Equip Lt Duty Trucks Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos	0	0	0	0	0	0
64	114	O		341300	Transportation Equip Autos	0	U	0	0	Ü	0
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	239,352	241,285	244,184	247,083	250,412	254,064
68	TN	Q	r rocess r lanc r demeles and Equipment	304200	Struct & Imp-Pumping	882,896	897,534	919,492	941,449	966,659	994,309
69	TN	Q		304300	Struct & Imp-Treatment	607,227	617,176	632,100	647,025	664,160	682,954
70	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,680	25,680	25,681	25,682	25,683
71	TN	Q		304500	Structures & Improvement - General	61,804	62,369	63,217	64,065	65,039	66,106
72	TN	Q		304600	Struc &Imp-Offices	7,643	7,770	7,960	8,150	8,369	8,608
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	171,971	174,823	179,099	183,376	188,287	193,672
75	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	39,767	40,011	40,377	40,742	41,162	41,622
77	TN	Q		311200	Pump Eqp Electric	76,864	77,826	79,269	80,712	82,368	84,185
78	TN	Q		311520	Pumping Equipment SOS	1,998,427	2,023,850	2,061,984	2,100,119	2,143,903	2,191,924
79	TN	Q		320100	WT Equip Non-Media	3,195,861	3,218,899	3,253,455	3,288,011	3,327,687	3,371,202
80	TN	Q		320200	Water Trmt Equip Filter Media	1,153,462	1,161,082	1,172,511	1,183,940	1,197,063	1,211,455
81	TN	Q		330000	Dist Reservoirs & Standpipes	24,078	24,478	25,077	25,675	26,363	27,117
82	TN	Q		331001	Transmission & Distribution Mains	0	0	0	0	0	0
83 84	TN TN	Q		334100	Meters	0	0	0	0	0	0
85 85	TN	Q Q		340200	Computer & Peripheral Equipment	-		-	107,809		
85 86	TN	Q Q		340300 340330	Computer Software Computer Software Other	101,104 994	102,780 1,010	105,294 1,035	1,060	110,695 1,088	113,862 1,119
87	TN	Q		343000	Tools, Shop, Garage Equipment	3,350	3,405	3,488	3,572	3,667	3,772
88	TN	Q		344000	Laboratory Equipment	4,982	5,064	5,188	5,312	5,454	5,610
89	TN	Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485
90	TN	Q		346190	Remote Control & Instrument	14,710	14,896	15,175	15,454	15,774	16,125
91 92	TN	Q		347000	Misc Equipment	21,915	22,149	22,500	22,852	23,255	23,697
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0
94	TN	R	,	304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
95	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
96	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	472,407	472,407	472,407	525,724	579,041	632,358
98	TN	R		330003	Tank Repainting	799,647	799,647	799,647	885,310	970,973	1,056,637
99	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,599	90,599	90,599
100 101	TN	R		330200	Ground Level Tanks	598,079	598,079	598,079	709,099	820,118	931,138
102 103 104	TN	S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains	0	0	0	0	0	0
105 106			ACQUISITIONS								
107 108 109			Total Acquisitions								
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0

Cumulative Balance of In-Serviced Plant, from 2019 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

 Business Unit
 Tennessee

 Revision Date
 10/22/18

 Description
 TN BP 2019-2023 SCEP

Descrip	tion	TN BP 2019-202	23 SCEP		_		Cumulative Bala	nce of In-Serviced	l Plant, from 2019 Ca	pex, by Period	
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
111 112 113	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028	ciaco i lant improveniento i nase 18 (polo)	320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032	, , , , , , , , , , , , , , , , , , ,	304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	0	0	0	0	0	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	0	0	0	0	0	0
128	TN	126-020044	New Raw Water Intake Citico			0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains						
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric						
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes						
135	TN	126-050001	Raw Water Intake Improvements Whitwell			0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	25,260	25,260	25,260	25,260	25,260	25,260
139	TN	126-050002		320100	WT Equip Non-Media	171,114	171,114	171,114	171,114	171,114	171,114
140	TN	126-050002		346190	Remote Control & Instrument	13,481	13,481	13,481	13,481	13,481	13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			0	0	0	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596
143	TN	126-050004		330200	Ground Level Tanks	234,540	234,540	234,540	234,540	234,540	234,540
144	TN	126-050004		346190	Remote Control & Instrument	8,830	8,830	8,830	8,830	8,830	8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
149											
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:						
151			projections based on project costs through 2020								
152					Total DV Excluded:						
153			(2) From actual or estimated in-service data provided by the	company.							
154					Total Surcharge Amt:						
155											
156					SEC Total:						
157											
158					EDI Total:						
159											
160					QIIP Total:						

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/22/18
Description TN BP 2019-2023 SCEP

			Cumulative balance of in-serviced Plant, from 2019 Capes, by Fellou								
Line #	Bu	usiness Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services	0	0	0	0	0	0
4	TN	DV		335000	Hydrants	0	0	0	0	0	0
5 6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	162,119	172,107	182,094	192,082	202,069	204,566
7	TN	A	IVIAITIS - INCW	331001	Transmission & Distribution Mains	1,814,943	1,898,645	1,982,348	2,066,050	2,149,752	2,170,678
8	TN	A		333000	Services	1,814,943	12,966	13,534	14,103	14,671	14,813
9	TN										
-		A		334300	Meter Vaults	28,158	29,893	31,628	33,362	35,097	35,531
10 11	TN	Α		335000	Hydrants	76,377	80,384	84,392	88,399	92,406	93,408
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	6,825,243	7,001,718	7,156,134	7,275,255	7,381,140	7,447,318
13	TN	В		333000	Services	713,433	732,445	749,081	761,914	773,322	780,451
14	TN	В		335000	Hydrants	154,511	159,024	162,973	166,019	168,726	170,419
15					,			,			,
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	8,364,191	8,493,740	8,648,266	8,802,543	8,956,820	9,111,093
17	TN	С		335000	Hydrants	5,894	6,011	6,152	6,292	6,432	6,573
18											
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	4,060,890	4,083,772	4,106,654	4,129,535	4,143,264	4,152,417
20	TN	D		333000	Services	50,893	51,322	51,751	52,179	52,437	52,608
21	TN	D		335000	Hydrants	202,647	204,336	206,026	207,716	208,729	209,405
22											
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	230,214	236,557	241,453	246,238	251,023	255,697
24	TN	E		335000	Hydrants	182,488	190,395	196,499	202,464	208,429	214,256
25											
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	242,019	250,143	254,429	258,364	262,299	265,884
27	TN	F		335000	Hydrants	1,064,758	1,108,760	1,131,974	1,153,288	1,174,603	1,194,019
28											
29	TN	G	Services and Laterals - New	333000	Services	667,919	761,336	854,503	947,670	1,040,337	1,133,000
30											
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32	TN	Н		333000	Services	2,450,608	2,503,328	2,556,048	2,607,002	2,656,823	2,705,739
33	TN	Н		334100	Meters	34,762	35,922	37,083	38,205	39,301	40,378
34	TN	Н		334200	Meter Installations	104,217	107,697	111,176	114,539	117,827	121,055
35	TN	Н		334300	Meter Vaults	25,159	25,999	26,839	27,651	28,445	29,224
36											
37	TN	I .	Meters - New	334100	Meters	0	0	0	0	0	0
38	TN	1		334200	Meter Installations	0	0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	789,163	822,221	842,094	857,681	871,026	884,306
41	TN	J		334200	Meter Installations	8,723,345	9,191,720	9,473,280	9,694,125	9,883,203	10,071,356
42						_					
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
44											
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
46	TN	L		340200	Computer & Peripheral Equipment	91,131	95,368	95,368	98,449	98,449	101,530
47	TN	L		340300	Computer Software	2,851	2,983	2,983	3,080	3,080	3,176
48	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
49	TN	L		346190	Remote Control & Instrument	934,287	957,418	957,418	974,240	974,240	991,063
50			e. a e. t		61		2	2	20.000	20	
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	24,484	25,085	25,687	26,289	26,770	26,770
52	TN	M		304200	Struct & Imp-Pumping	0	0	0	0	0	0
53	TN	M		304300	Structures & Improvement - Treatment	443,131	450,788	458,445	466,102	472,227	472,227
54	TN	M		304400	Struct & Imp-Treatment-T&D	149,884	153,568	157,253	160,937	163,884	163,884
55	TN	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193

Cumulative Balance of In-Serviced Plant, from 2019 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/22/18
Description TN BP 2019-2023 SCEP

					Cumulative Balance of In-Serviced Plant, from 2019 Capex, by Per					
ne#	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
6 TN	N M		340200	Computer & Peripheral Equipment	7,281	7,460	7,639	7,818	7,961	7,9
7 TN 8	N M		347000	Misc Equipment	15,384	15,762	16,140	16,518	16,821	16,8
) TN	N N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	
0 1 TN	١ 0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	
2 TN	١ ٥		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	
3 TN 1	١ 0		341300	Transportation Equip Autos	0	0	0	0	0	
TN	N P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	
7 TN	ı Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	257,715	261,366	265,017	268,453	271,890	275,3
3 TN	ı Q		304200	Struct & Imp-Pumping	1,021,959	1,049,608	1,077,258	1,103,282	1,129,305	1,155,3
) TN	ı Q		304300	Struct & Imp-Treatment	701,747	720,541	739,334	757,022	774,710	792,
) TN	ı Q		304400	Struct & Imp-Treatment-T&D	25,683	25,684	25,685	25,686	25,686	25,
TN	ı Q		304500	Structures & Improvement - General	67,174	68,241	69,309	70,314	71,319	72,
TN	ı Q		304600	Struc &Imp-Offices	8,847	9,087	9,326	9,551	9,777	10,
TN	ı Q		304700	Struct & Imp-Store, Shop, Garage	0	0	0	0	0	
TN	l Q		306000	Lake, River & Other Intakes	199,058	204,444	209,829	214,898	219,967	225
TN	l Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9
TN	l Q		310000	Power Generation Equip	42,083	42,543	43,004	43,437	43,870	44
TN	l Q		311200	Pump Eqp Electric	86,002	87,819	89,636	91,346	93,056	94
TN	N Q		311520	Pumping Equipment SOS	2,239,945	2,287,967	2,335,988	2,381,185	2,426,381	2,471
TN	l Q		320100	WT Equip Non-Media	3,414,718	3,458,233	3,501,749	3,542,704	3,583,660	3,624
TN	ı Q		320200	Water Trmt Equip Filter Media	1,225,847	1,240,240	1,254,632	1,268,178	1,281,724	1,295
TN	N Q		330000	Dist Reservoirs & Standpipes	27,871	28,625	29,379	30,089	30,799	31
TN	ı Q		331001	Transmission & Distribution Mains	0	0	0	0	0	
TN	ı Q		334100	Meters	0	0	0	0	0	
TN	N Q		340200	Computer & Peripheral Equipment	0	0	0	0	0	
TN			340300	Computer Software	117,028	120,194	123,361	126,341	129,321	132
TN	l Q		340330	Computer Software Other	1,150	1,181	1,213	1,242	1,271	1
TN			343000	Tools, Shop, Garage Equipment	3,877	3,982	4,087	4,186	4,284	4
TN			344000	Laboratory Equipment	5,766	5,922	6,078	6,225	6,372	6
TN			345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41
TN			346190	Remote Control & Instrument	16,476	16,827	17,178	17,508	17,839	18
TN	ı Q		347000	Misc Equipment	24,139	24,582	25,024	25,440	25,856	26
TN		Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	
TN			304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250
TN			320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259
TN			320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52
TN			330000	Dist Reservoirs & Standpipes	685,675	712,333	712,333	712,333	712,333	712
TN TN			330003	Tank Repainting	1,142,300	1,185,131	1,185,131	1,185,131	1,185,131	1,185
TN TN			330100 330200	Elevated Tanks & Standpipes Ground Level Tanks	90,599 1,042,158	90,599 1,097,668	90,599 1,097,668	90,599 1,097,668	90,599 1,097,668	90 1,097
1			330200	Ground Level runks	1,042,130	1,037,000	1,037,000	1,037,000	1,057,000	1,037
2 TN 3 4	N S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains	0	0	0	0	0	
)5)6		ACQUISITIONS								
07		Total Acquisitions								
09 10 TN	N T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

 Business Unit
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 Description
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Descrip	tion	TN BP 2019-202	23 SCEP		_	Cumulative Balance of In-Serviced Plant, from 2019 Capex, by Period					
Line #		Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
111 112 113	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028		320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032	• • • • •	304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	0	0	0	0	5,583,786	5,700,000
128	TN	126-020044	New Raw Water Intake Citico			0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains						
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric						
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes						
135	TN	126-050001	Raw Water Intake Improvements Whitwell			0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	25,260	25,260	25,260	25,260	25,260	25,260
139	TN	126-050002		320100	WT Equip Non-Media	171,114	171,114	171,114	171,114	171,114	171,114
140	TN	126-050002		346190	Remote Control & Instrument	13,481	13,481	13,481	13,481	13,481	13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			0	0	0	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596
143	TN	126-050004		330200	Ground Level Tanks	234,540	234,540	234,540	234,540	234,540	234,540
144	TN	126-050004		346190	Remote Control & Instrument	8,830	8,830	8,830	8,830	8,830	8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
149										_	
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:					_	\$92,812,209
151			projections based on project costs through 2020							_	
152					Total DV Excluded:					_	\$92,812,209
153			(2) From actual or estimated in-service data provided by the	company.						_	
154					Total Surcharge Amt:					_	\$91,679,209
155										_	
156					SEC Total:					_	\$34,215,944
157										-	
158					EDI Total:					-	\$2,988,947
159					_31.000					-	+
160					QIIP Total:					_	\$54,474,318
100					an rotal.					_	Ç5-1,-7-1,510

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 Business Unit
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Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
1 2	TN	DV	RECURRING PROJECTS Projects Funded by Others	331001	Transmission & Distribution Mains		\$0	\$0	\$0	\$0	\$0
3	TN	DV	Projects runded by Others	333001	Services		ŞU 0	\$0 \$0	Ş0 0	Ş0 0	50
4	TN	DV		335000	Hydrants		0	0	0	0	0
5	IIN	DV		333000	nyurants		U	U	U	U	U
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	152,708	0	0	3,253	0
7	TN	A	Walls New	331001	Transmission & Distribution Mains	EDI	1,736,070	0	0	21,701	0
8	TN	A		333000	Services	EDI	11,863	0	0	132	0
9	TN	A		334300	Meter Vaults	EDI	26,524	0	0	724	0
10	TN	A		335000	Hydrants	EDI	72,601	0	0	1,670	0
11	1114	^		333000	riyurants	LDI	72,001	· ·	Ü	1,070	Ü
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	6,611,437	(352,516)	0	78,237	162,860
13	TN	В	Wallis - Replaced / Restored	333000	Services	QIIP	690,399	(2,223)	0	7,639	56,249
14	TN	В		335000	Hydrants	QIIP	149,044	(1,674)	0	3,390	755
15	1114	ь		333000	riyurants	QIII	143,044	(1,074)	0	3,330	733
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	8,234,564	(1,615,281)	0	82,741	885,454
17	TN	c	Walls Officialed	335000	Hydrants	QIIP	5,776	(1,013,201)	0	133	005,454
18		C		333000	Trydrants	QIII	3,770	· ·	· ·	133	Ü
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	4,032,728	(280,870)	(2,138,244)	20,170	128,635
20	TN	D	Walls Relocated	333000	Services	QIIP	50,366	0	(29,877)	20,170	50,834
21	TN	D		335000	Hydrants	QIIP	200,567	(64,148)	(118,055)	422	0 0
22	1114	ь		333000	riyurants	QIII	200,307	(04,148)	(110,033)	422	· ·
23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	223,786	0	0	2,797	0
24	TN	E	riyurants, vaives, and iviannoies - ivew	335000	Hydrants	EDI	174,474	(882)	(58,274)	2,652	933
25	IIN	E		333000	nyurants	EDI	1/4,4/4	(002)	(30,274)	2,032	955
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	232,574	(29,372)	0	2,540	50,951
27	TN	F	nyurants, valves, and ivialinoles - Replaced	335000	Hydrants	QIIP	1,013,598	(128,367)	(14,227)	20,033	72,345
28	IIN	г		333000	nyurants	QIIP	1,015,596	(120,307)	(14,227)	20,055	72,343
29	TN	G	Services and Laterals - New	333000	Services		567,925	0	0	6,304	0
30	1114	o .	Services and Laterals - New	333000	Services		307,323	U	0	0,304	0
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	0	(7,589)	0	(95)	1,340
32	TN	н	Services and Laterals - Replaced	333000	Services	QIIP	2,390,505	(140,596)	0	24,974	580,202
33	TN	н		334100	Meters	QIIP	33,439	(11,409)	0	1,646	15,476
34	TN	н		334200	Meter Installations	QIIP	100,251	(11,403)	0	2,737	877
35	TN	н		334300	Meter Vaults	QIIP	24,202	0	0	661	1,496
36	1114			334300	Weter vauits	QIII	24,202	U	0	001	1,450
37	TN		Meters - New	334100	Meters		0	0	0	0	0
38	TN	i	Mercel 2 - Mem	334200	Meter Installations		0	0	0	0	0
39				334200	Wicker installations		· ·	· ·	· ·	· ·	Ü
40	TN	J	Meters - Replaced	334100	Meters	QIIP	750,249	(2,502,317)	0	(130,879)	258,795
41	TN	J	Weters Replaced	334200	Meter Installations	QIIP	8,172,000	(636,164)	0	205,728	1,251,213
42	1114	,		334200	Weter installations	QIII	8,172,000	(030,104)	0	203,728	1,231,213
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0	0	0	0
44	1114	K	113 Equipment and Systems	340200	Computer & Peripheral Equipment		0	U	0	U	· ·
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	268,337	(18,368)	0	2,725	10,453
46	TN	Ĺ	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	SEC	90,023	(18,308)	0	1,972	2,449
47	TN	L		340300	Computer Software	SEC	2,816	0	0	52	2,449
47	TN	L		346100	Computer Software Comm Equip Non-Telephone	SEC	41,119	0	0	1,731	0
48 49	TN	L		346190	Remote Control & Instrument	SEC	928,238	-	0	32,236	75,934
50	IIN	L		240190	nemote Control & Instrument	SEC	320,238	(162,539)	U	32,230	75,934
51	TN	M	Security Equipment and Systems	304100	Struct & Imp Cumply	SEC	23,817	0	0	472	0
52	TN	M	Security Equipment and Systems	304100 304200	Struct & Imp-Supply	SEC	23,817		-	(350)	4,187
					Struct & Imp-Pumping			(17,678)	0		
53 54	TN TN	M M		304300	Structures & Improvement - Treatment	SEC	434,649	(29,086)	0	16,669	17,631 0
54 55				304400	Struct & Imp-Treatment-T&D	SEC	145,803	0	0	3,106	0
55	TN	M		304500	Structures & Improvement - General	SEC	6,193	0	0	70	0

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Line#		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
56	TN	M		340200	Computer & Peripheral Equipment	SEC	7,083	0	0	155	0
57	TN	M		347000	Misc Equipment	SEC	14,965	0	0	947	0
58											_
59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0	0	0	0
60	TNI	0	Makialaa	241100	Tongon station Foreign 14 Death Tongle		0	0	0	0	0
61	TN TN	0	Vehicles	341100 341200	Transportation Equip Lt Duty Trucks		0	0	0	0	0
62	TN	0			Transportation Equip Hvy Duty Trucks		0	0	0	0	0
63 64	IIN	U		341300	Transportation Equip Autos		U	U	U	U	U
65	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0	0	0	0
66	IIN	r	roois and Equipment	343000	roois, shop, darage Equipment		U	U	U	U	U
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	254,890	0	0	5,047	874
68	TN	Q	Process Plant Facilities and Equipment	304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC	1,000,564	(97,591)	0	17,879	35,849
69	TN	Q		304300	Struct & Imp-Fulliping Struct & Imp-Treatment	SEC	687,205	(145,045)	0	22,283	64,159
70	TN	Q		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	SEC	25,683	(145,045)	0	22,283 547	04,159
70	TN	Q		304500	Structures & Improvement - General	SEC		0	0	750	277
72	TN	Q		304600	Structures & Improvement - General Struc &Imp-Offices	SEC	66,348 8,662	0	0	98	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	0,002	(7,869)	0	(57)	1
73 74	TN	Q		306000	Lake, River & Other Intakes	SEC	194,891	(57,819)	0	1,138	9,749
74 75	TN	Q		309000	Supply Mains	SEC	9,862	(57,819)	0	1,136	9,749
75 76	TN	Q		310000	Power Generation Equip	SEC	41,727	0	0	5,145	115
70	TN	Q		311200	Pump Eqp Electric	SEC	84,596	(183,557)	0	(2,425)	55,962
78	TN	Q		311520	Pumping Equipment SOS	SEC	2,202,789	(74,218)	0	38,953	49,342
78 79	TN	Q		320100	WT Equip Non-Media	SEC	3,381,048	(749,284)	0	28,686	637,093
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	1,214,711	(448,463)	0	258,149	445,008
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	27,288	(0)	0	568	445,008
82	TN	Q		331001	Transmission & Distribution Mains	SEC	0	(1,011)	0	(13)	237
83	TN	Q		334100	Meters	SEC	0	(1,011)	0	(13)	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	0	(0)	0	(0)	105
85	TN	Q		340300	Computer Software	SEC	114,578	0	0	2,097	0
86	TN	Q		340330	Computer Software Other	SEC	1,126	0	0	2,037	0
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	3,796	(3,152)	0	44	0
88	TN	Q		344000	Laboratory Equipment	SEC	5,646	(150,748)	0	(1,466)	1,483
89	TN	Q		345000	Power Operated Equipment	SEC	41,485	(11,283)	0	2,123	1,676
90	TN	Q		346190	Remote Control & Instrument	SEC	16,204	(3,612)	0	530	1,070
91	TN	Q		347000	Misc Equipment	SEC	23,797	(4,389)	0	1,229	3,260
92	114	Q		347000	wise Equipment	SEC	23,737	(4,363)	0	1,223	3,200
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	0	(94,900)	0	(3,900)	0
94	TN	R	coprainted raint nerrobintation, rainting	304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,250,689	(170,157)	0	130,312	661,770
95	TN	R		320100	WT Equip Non-Media	QIIP	259,932	(123,785)	0	1,484	89,500
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	52,740	(36,378)	0	5,512	206,460
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	605,699	(30,378)	0	12,599	200,400
98	TN	R		330003	Tank Repainting	QIIP	1,013,805	(155,370)	0	95,115	291,912
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	90,599	(133,570)	0	2,482	0
100	TN	R		330200	Ground Level Tanks	QIIP	875,628	(446)	0	23,980	977
101				330200	Ground Ecver ranks	Qiii	075,020	(440)	· ·	23,300	377
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0	0	0	0
103		3	Total Recurring Projects	331001	Transmission & Distribution Wallis		· ·	· ·	· ·	· ·	v
104			rotal necarring respects								
105			ACQUISITIONS								
106											
107			Total Acquisitions								
108			· o car / requisitions								
109											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0			0	

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 Business Unit
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Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	· · · · · · · · · · · · · · · · · · ·		0	
112 113											
114			INVESTMENT PROJECTS								
		126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	6,103,569	0		250,857	0
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	2,108,898	(47,846)		22,465	850,267
		126-020028		346190	Remote Control & Instrument	QIIP	207,335	0		8,729	0
		126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	0	(14,622)		(290)	243,354
		126-020032		304300	Struct & Imp-Treatment	SEC	4,141,710	(54,346)		167,991	1,535,662
		126-020032		304400	Struct & Imp-T&D	SEC	0	0		0	0
		126-020032		304500	Structures & Improvement - General	SEC	1,062,411	0		12,005	0
		126-020032		320100	WT Equip Non-Media	SEC	10,336,541	(305)		112,665 0	577
		126-020032 126-020032		330200 347000	Ground Level Tanks	SEC SEC	0 5,946	0		376	0
			T Bi Ci		Misc Equipment			U			U
		126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	1,921,467 0			24,018 0	
		126-020039 126-020040	Repl Basin 1 & Plate Settlers	320100 320100	WT Equip Non-Media	QIIP SEC	-	(11.003) (1)		-	2.046 (1)
		126-020040	Chlorine Gas Conversion New Raw Water Intake Citico	320100	WT Equip Non-Media	SEC	867,984 0	(11,982) (1)		9,330 0	3,846 (1)
		126-020044	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	0	(201) (1)		(8)	76,923 (1)
		126-020045	Retire Basin 2	320100	WT Equip Non-Media	QIIP	0	(201) (1)		(8)	70,925 (1)
		126-020038 126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	0			0	
		126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	· ·			U	
		126-0200XX	River Gorge Booster Station	311200	Pump Egp Electric	EDI					
		126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC					
		126-050001	Raw Water Intake Improvements Whitwell	300000	Eake, Hiver & Other makes	QIIP	0			0	
		126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	0	(76,471)		(1,514)	
		126-050002	radiity opgrades at witten with	304300	Struct & Imp-Treatment	SEC	0	(733)		(30)	
		126-050002		304400	Struct & Imp-Treatment-T&D	SEC	25,260	0		538	
		126-050002		320100	WT Equip Non-Media	SEC	171,114	0		1,865	
		126-050002		346190	Remote Control & Instrument	SEC	13,481	(6,125)		310	
		126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP	0	(-, -,		0	
142		126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	58,596			1,248	
143	TN	126-050004		330200	Ground Level Tanks	SEC	234,540	(3,369) (1)		6,334	26,100 (1)
144	TN	126-050004		346190	Remote Control & Instrument	SEC	8,830			372	
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	0			0	
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	0			0	
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	0			0	
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	0			0	
149											
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:		\$78,444,360	(\$8,736,153)	(\$2,358,677)	\$1,685,673	\$8,921,607
151			projections based on project costs through 2020								
152					Total DV Excluded:		\$78,444,360	(\$8,736,153)	(\$2,358,677)	\$1,685,673	\$8,921,607
153			(2) From actual or estimated in-service data provided by the	company.							
154					Total Surcharge Amt:		\$77,876,435	(\$8,736,153)	(\$2,358,677)	\$1,679,369	\$8,921,607
155											
156					SEC Total:		\$28,296,350	(\$2,333,664)	\$0	\$752,493	\$3,225,382
157											
158					EDI Total:		\$2,398,024	(\$882)	(\$58,274)	\$32,929	\$933
					EDI TOTALI		7-,,02-1	(7-32)	(+,,-)	7,-25	7.30
159											

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Te Revision Date Oc Description TN

Tennessee
October 22, 2018
TN BP 2019-2023 SCEP

							2019					
Business Unit	Rider	Business Unit No.	Project Title				1	2	3	4	5	6
Tennessee	None	DV	Projects Funded by Others				\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	Α	Mains - New				30,000	30,000	105,000	105,000	105,000	100,000
Tennessee	QIIP	В	Mains - Replaced / Restored				90,000	100,000	125,000	150,000	185,000	260,000
Tennessee Tennessee	QIIP QIIP	C D	Mains - Unscheduled				154,667 15,000	154,417 20,000	154,667 30,000	154,667 30,000	129,667 30,000	129,667 25,000
Tennessee	EDI	E	Mains - Relocated				10,750	11,000	11,000	11,250	14,250	14,250
Tennessee	QIIP	F	Hydrants. Valves. and Manholes - New Hydrants. Valves. and Manholes - Replaced				26,625	26,875	26,875	52,125	52,125	52,125
Tennessee	None	G	Services and Laterals - New				92,667	92,667	93,417	97,417	97,667	97,667
Tennessee	QIIP	Н	Services and Laterals - Replaced				54,000	55,250	56,200	57,200	63,200	65,300
Tennessee	None	I	Meters - New				22,416	22,516	22,516	22,516	22,516	22,516
Tennessee	QIIP	J	Meters - Replaced				251,433	251,433	301,433	501,433	501,433	502,418
Tennessee	None	K	ITS Equipment and Systems				150,663	163,137	200,975	163,137	201,865	206,975
Tennessee	SEC	L	SCADA Equipment and Systems				0	21,000	0	26,000	0	27,500
Tennessee	SEC	M	Security Equipment and Systems				12,500	12,500	12,500	12,500	12,500	12,500
Tennessee Tennessee	None None	N O	Offices and Operations Centers				1,000	1,000 0	1,250 0	1,250 0	1,500 0	1,500 285,000
Tennessee	None	P	Vehicles				2.750	3.000	26,000	3.500	3.500	31.000
Tennessee	SEC	Q	Tools and Equipment Process Plant Facilities and Equipment				90,000	90,000	135,000	135,000	155,000	170,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting				0	0	0	250,000	250,000	250,000
Tennessee	None	S	Engineering Studies				2,500	2,500	5,000	5,000	5,000	5,000
			Total Recurring Projects ACQUISITIONS				1,006,971	1,057,295	1,306,833	1,777,995	1,830,223	2,258,418
Tennessee			Total Acquisitions CENTRALLY SPONSORED PROJECTS				0	0	0	0	0	0
			Total Centrally Sponsored Projects				0	0	0	0	0	0
Tennessee Tennessee Tennessee Tennessee Tennessee	QIIP QIIP QIIP	126-020027 126-020034 126-020038 126-020039 126-020040	INVESTMENT PROJECTS Construct 1.0MG Tank & 2500-16" ER (\$1.5) Tennessee River Crossing (\$2.5) Retire Basin 1 (\$0.6) Repl Basin 2 & Plate Settlers Chlorine Gas Conversion (\$4.5)		Total	In Service Date 9/1/2023 12/31/2018 11/30/2019 10/31/2019 12/15/2019	221,998 166,963	250,948 305,341	252,558 334,505	259,782 363,856	262,010 369,799	283,396 400,700
Tennessee Tennessee Tennessee	QIIP SEC QIIP	126-020043 126-020044 126-020045	Energy Reduction and Efficiency (\$0.87) New Raw Water Intake Citico (\$4) Remove Filter Bldg 3			7/31/2023 10/1/2021 12/31/2019						
Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee Tennessee	QIIP QIIP SEC SEC SEC	126-020046 126-020048 126-020049 126-050001 126-050002 126-050003 126-050004	New Field Services Facility (\$5) Install 6,900 ft of 8-inch Main on Elder Mountain Rd Alvin York Hwy Main Replacement (\$1.5) Raw Water Intake Improvements Whitwell (\$2) Facility Upgrades at Whitwell WTP (\$0.3) Replace 0.5 MG Storage Tanks at Whitwell (\$.5) Replace 0.1 MG Storage Tank at Whitwell (\$0.3)			12/31/2020 12/31/2022 8/30/2023 7/1/2024 12/31/2017 9/15/2021 12/31/2017	1,007	31,262	28,740	56,450	84,338	139,930
Tennessee Tennessee	None	1226-050004 1226-05000x 126-000002	New Operations Center - Whitwell Post Acquisition BD Capex			7/31/2019	22,513	33,524	44,534	50,039	39,029	33,524
		0 000002	Total Investment Projects				\$412,481	\$621,074	\$660,336	\$730,126	\$755,175	\$857,549
			Contributions				(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
			Advances				(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
			Total Refunds				29,167	29,167	29,167	29,167	29,167	29,167
				Gross			\$1,429,452	\$1,688,369	\$2,017,169	\$2,588,121	\$2,735,398	\$3,265,967
*Dollar amounts	from TA	WC's Annual C	apital Planning Process				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
				Net			\$1,380,285	\$1,639,203	\$1,968,003	\$2,538,955	\$2,686,231	\$3,216,800
			Gross minus Po	st Aca			\$1,429,452	\$1,688,369	\$2,017,169	\$2,588,121	\$2,735,398	\$3,265,967
			2.000				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
			Net minus Po	st Aca			\$1,380,285	\$1,639,203	\$1.968.003	\$2,538,955	\$2,686,231	\$3,216,800
			ivet minus Po	J. ALY			71,300,203	71,033,203	71,500,003	72,330,333	72,000,231	73,210,000

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Revision Date Description

Tennessee October 22, 2018

TN BP 2019-2023 SCEP

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Business Unit	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2019
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	Α	Mains - New	100,000	100,000	100,000	100,000	100,000	25,000	1,000,000
Tennessee	QIIP	В	Mains - Replaced / Restored	260,000	200,000	175,000	135,000	120,000	75,000	1,875,000
Tennessee	QIIP	С	Mains - Unscheduled	129,667	129,667	154,667	154,417	154,417	154,413	1,755,000
Tennessee	QIIP EDI	D F	Mains - Relocated	25,000	25,000	25,000	25,000	15,000	10,000	275,000 144,000
Tennessee Tennessee	QIIP	E F	Hvdrants. Valves. and Manholes - New	14,250 52,125	14,250 52,125	11,000 27,500	10,750 25,250	10,750 25,250	10,500 23,000	442,000
Tennessee	None	Ğ	Hvdrants. Valves. and Manholes - Replaced Services and Laterals - New	96.417	93.417	93.167	93.167	92.667	92.663	1,133,000
Tennessee	QIIP	Н	Services and Laterals - New Services and Laterals - Replaced	64,200	58,200	58,200	56,250	55,000	54,000	697,000
Tennessee	None	ï	Meters - New	22,516	22,516	22,516	22,516	22,516	21,424	269,000
Tennessee	QIIP	J	Meters - Replaced	502,263	501,433	301,433	236,433	202,423	201,433	4,255,000
Tennessee	None	K	ITS Equipment and Systems	169,147	200,975	200,975	163,137	200,975	402,865	2,424,828
Tennessee	SEC	L	SCADA Equipment and Systems	0	27,500	0	20,000	0	20,000	142,000
Tennessee	SEC	М	Security Equipment and Systems	12,500	12,500	12,500	12,500	10,000	0	135,000
Tennessee	None	N	Offices and Operations Centers	2,000	1,500	1,000	1,000	1,000	1,000	15,000
Tennessee	None	O P	Vehicles	0	45,000	285,000	0	0	0	615,000
Tennessee Tennessee	None SEC	Q	Tools and Equipment	3,500 170,000	3,500 170,000	26,000 170,000	3,500 160,000	3,500 160,000	25,250 160,000	135,000 1,765,000
Tennessee	QIIP	R	Process Plant Facilities and Equipment Capitalized Tank Rehabilitation/Painting	250,000	125,000	170,000	100,000	100,000	0	1,125,000
Tennessee	None	S	Engineering Studies	5,000	5,000	5,000	5,000	2,500	2,500	50,000
		3	Total Recurring Projects	1,878,585	1,787,583	1,668,958	1,223,920	1,175,998	1,279,048	0 18,251,828
T			ACQUISITIONS							0
Tennessee			Total Acquisitions CENTRALLY SPONSORED PROJECTS	0	0	0	0	0	0	0
			T. 10 . II 0							0
			Total Centrally Sponsored Projects INVESTMENT PROJECTS	0	0	0	0	0	0	0
Tennessee	SEC	126-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)							0
Tennessee	QIIP	126-020034	Tennessee River Crossing (\$2.5)							0
Tennessee	QIIP	126-020038	Retire Basin 1 (\$0.6)							0
Tennessee	QIIP	126-020039	Repl Basin 2 & Plate Settlers	286,866	288,707	96,663	43,450	27,438	27,438	2,301,250
Tennessee	SEC	126-020040	Chlorine Gas Conversion (\$4.5)	348,180	350,429	242,550	194,560	181,551	116,214	3,374,646
Tennessee	QIIP	126-020043	Energy Reduction and Efficiency (\$0.87)							0
Tennessee		126-020044	New Raw Water Intake Citico (\$4)							0
Tennessee		126-020045	Remove Filter Bldg 3							0
Tennessee		126-020046	New Field Services Facility (\$5)	140,828	141,731	197,692	171,435	145,009	137,847	1,276,268 0
Tennessee Tennessee	QIIP QIIP	126-020048 126-020049	Install 6,900 ft of 8-inch Main on Elder Mountain Rd Alvin York Hwy Main Replacement (\$1.5)							0
Tennessee	SEC	126-050001	Raw Water Intake Improvements Whitwell (\$2)							0
Tennessee	SEC	126-050001	Facility Upgrades at Whitwell WTP (\$0.3)							0
Tennessee	SEC	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)							0
Tennessee	SEC	126-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)							0
Tennessee	None	I226-05000x	New Operations Center - Whitwell	33,524	0	0	0	0	0	256,686
Tennessee	None	126-000002	Post Acquisition BD Capex						738,000	738,000
			Total Investment Projects	\$809,397	\$ 780,866	\$536,904	\$409,445	\$353,997	\$1,019,499	\$7,946,850
			Contributions	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)		(240,000)
			Advances	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)		
			Total Refunds	29,167	29,167	29,167	29,167	29,167	29,167	350,000
			_		4	4	4	4		0
			Gross		\$2,648,450	\$2,285,862	\$1,713,365	\$1,649,995	\$2,398,546	\$27,198,678
*Dollar amounts	from TA	WC's Annual C	apital Planning Process	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	. , , ,	(590,000)
			Net	\$2,728,815	\$2,599,283	\$2,236,696	\$1,664,198	\$1,600,829	\$2,349,380	\$26,608,678
			Gross minus Post Acc	\$2,777,982	\$2,648,450	\$2,285,862	\$1,713,365	\$1,649,995	\$1,660,546	\$26,460,678
			Gross minus Post Acc	·	. , ,					
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
			Net minus Post Acc	\$2,728,815	\$2,599,283	\$2,236,696	\$1,664,198	\$1,600,829	\$1,611,380	\$25,870,678

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STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date July 5, 2017

Line #	Business Ur No.	it Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In- Serviced
1		RECURRING PROJECTS									
2	TN DV	Projects Funded by Others	331001	Transmission & Distribution Mains	0.0%	1	1.25%				\$0
3	TN DV		333000	Services	0.0%	1	1.11%				0
4	TN DV		335000	Hydrants	0.0%	1	2.30%				0
5											
6	TN A	Mains - New	304400	Struct & Imp-Treatment-T&D	0.0%	1	2.13%				0
7	TN A		331001	Transmission & Distribution Mains	83.7%	1	1.25%				905,421
8	TN A		333000	Services	0.6%	1	1.11%				7,459
9	TN A		334300	Meter Vaults	1.7%	1	2.73%				18,184
10	TN A		335000	Hydrants	4.0%	1	2.30%				53,504
11											
12	TN B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	88.2%	1	1.25%				5,002,737
13	TN B		333000	Services	9.5%	1	1.11%				486,978
14	TN B		335000	Hydrants	2.3%	1	2.30%				116,906
15											
16	TN C	Mains - Unscheduled	331001	Transmission & Distribution Mains	99.9%	1	1.25%				6,004,050
17	TN C		335000	Hydrants	0.1%	1	2.30%				4,979
18											
19	TN D	Mains - Relocated	331001	Transmission & Distribution Mains	91.5%	1	1.25%				3,576,035
20	TN D		333000	Services	1.7%	1	1.11%				48,244
21	TN D		335000	Hydrants	6.8%	1	2.30%				156,385
22											
23	TN E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	44.5%	1	1.25%				188,630
24	TN E		335000	Hydrants	55.5%	1	2.30%				70,582
25						_					
26	TN F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	15.6%	1	1.25%				191,331
27 28	TN F		335000	Hydrants	84.4%	1	2.30%				626,189
28	TN G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				0
30	110	Services and Laterals - New	333000	Services	100.076	-	1.11/0				U
31	TN H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
32	TN H	Services and Laterais - Replaced	333000	Services	90.6%	1	1.11%				1,872,518
33	TN H		334100	Meters	2.0%	1	7.47%				17,011
34	TN H		334200	Meter Installations	0.0%	1	2.73%				0
35	TN H		334300	Meter Vaults	0.0%	1	2.73%				0
36			334300	Wetter values	0.070	-	2.7570				
37	TN I	Meters - New	334100	Meters	0.0%	1	7.47%				0
38	TN I	meters new	334200	Meter Installations	0.0%	1	2.73%				0
39						_					•
40	TN J	Meters - Replaced	334100	Meters	6.6%	1	7.47%				597,628
41	TN J	4	334200	Meter Installations	93.4%	1	2.73%				3,814,438
42											, ,
43	TN K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
44											
45	TN L	SCADA Equipment and Systems	320100	WT Equip Non-Media	0.0%	1	1.09%				268,337
46	TN L		340200	Computer & Peripheral Equipment	15.4%	1	2.19%				55,351
47	TN L		340300	Computer Software	0.0%	1	1.83%				0
48	TN L		346100	Comm Equip Non-Telephone	0.0%	1	4.21%				41,119
49	TN L		346190	Remote Control & Instrument	84.1%	1	4.21%				726,799
50											
51	TN M	Security Equipment and Systems	304100	Struct & Imp-Supply	4.8%	1	1.98%				20,271
52	TN M		304200	Struct & Imp-Pumping	0.0%	1	1.98%				0
53	TN M		304300	Structures & Improvement - Treatment	61.3%	1	4.11%				316,721
	TN M		304400	Struct & Imp-Treatment-T&D	29.5%	1	2.13%				49,087

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Revision Date July 5, 2017

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Total Acquisitions

Line #	Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In- Serviced
55	TN M		304500	Structures & Improvement - General	0.0%	1	1.13%				6,193
56	TN M		340200	Computer & Peripheral Equipment	1.4%	1	2.19%				5,638
57 58	TN M		347000	Misc Equipment	0.0%	1	6.33%				0
59	TN N	Offices and Operations Centers	304500	Structures & Improvement - General	0.0%	1	1.13%				0
60 61	TN O	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				0
	TN O	verificies	341200		0.0%						0
62 63	TN O		341300	Transportation Equip Hvy Duty Trucks	0.0%	1 1	16.62% 11.38%				0
64	IN O		341300	Transportation Equip Autos	0.0%	1	11.56%				U
65 66	TN P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				0
67	TN Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	2.1%	1	1.98%				712,119
68	TN Q		304200	Struct & Imp-Pumping	16.3%	1	1.98%				833,440
69	TN Q		304300	Struct & Imp-Treatment	11.1%	1	4.11%				151,998
70	TN Q		304400	Struct & Imp-Treatment-T&D	0.0%	1	2.13%				25,679
71	TN Q		304500	Structures & Improvement - General	0.6%	1	1.13%				61,239
72	TN Q		304600	Struc &Imp-Offices	0.1%	1	1.13%				7,517
73	TN Q		304700	Struct & Imp-Store, Shop, Garage	0.0%	1	0.73%				0
74	TN Q		306000	Lake, River & Other Intakes	3.2%	1	0.83%				24,247
75	TN Q		309000	Supply Mains	0.0%	1	1.87%				9,862
6	TN Q		310000	Power Generation Equip	0.3%	1	12.33%				39,524
7	TN Q		311200	Pump Eqp Electric	1.1%	1	2.45%				41,372
78	TN Q		311520	Pumping Equipment SOS	28.2%	1	1.83%				1,735,922
79	TN Q		320100	WT Equip Non-Media	25.6%	1	1.09%				2,643,609
80	TN Q		320200	Water Trmt Equip Filter Media	8.5%	1	33.69%				923,326
81	TN Q		330000	Dist Reservoirs & Standpipes	0.4%	1	2.08%				23,679
82	TN Q		331001	Transmission & Distribution Mains	0.0%	1	1.25%				C
83	TN Q		334100	Meters	0.0%	1	7.47%				C
84	TN Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				C
35	TN Q		340300	Computer Software	1.9%	1	1.83%				99,427
86	TN Q		340330	Computer Software Other	0.0%	1	1.83%				977
87	TN Q		343000	Tools, Shop, Garage Equipment	0.1%	1	6.89%				3,294
88	TN Q		344000	Laboratory Equipment	0.1%	1	1.01%				4,899
89	TN Q		345000	Power Operated Equipment	0.0%	1	7.03%				41,485
90	TN Q		346190	Remote Control & Instrument	0.2%	1	4.21%				6,104
91 92	TN Q		347000	Misc Equipment	0.3%	1	6.33%				7,793
93	TN R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%	1	4.11%				0
94	TN R		304301	Struct & Imp-Treatment-Dpr Paint	0.0%	1	12.06%				1,250,689
95	TN R		320100	WT Equip Non-Media	0.0%	1	1.09%				259,932
96	TN R		320200	Water Trmt Equip Filter Media	0.0%	1	33.69%				52,740
97	TN R		330000	Dist Reservoirs & Standpipes	21.3%	1	2.08%				23,045
98	TN R		330003	Tank Repainting	34.3%	1	11.08%				940,315
9	TN R		330100	Elevated Tanks & Standpipes	0.0%	1	2.74%				90,599
00	TN R		330200	Ground Level Tanks	44.4%	1	2.74%				485,065
L01 L02	TN S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
103		Total Recurring Projects									
104											
105 106		ACQUISITIONS									

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee **Revision Date** July 5, 2017

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account	In-Service (Months) (2)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2017 SCEP Reforecast	Prior 2017 SCEP In- Serviced
109												
110		T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		1	10.00%				0
112												
113												
			INVESTMENT DROVESTS							Inception to Date Spend	2017 SCEP Reforecast	
114		126 020020	INVESTMENT PROJECTS	204200	Charles B. Land Toronton and		C /4 /204 C	4.440/		эрепи	Neiorecast	
115 116	TN TN	126-020028 126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300 320100	Struct & Imp-Treatment WT Equip Non-Media		6/1/2016 6/1/2016	4.11% 1.09%				6,103,569 2,108,898
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				2,108,838
118	TN	126-020028	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%				207,333
119	TN	126-020032	wastewater freatiff & flanding impr (\$13.3)	304300	Struct & Imp-Treatment		11/1/2015	4.11%				4,141,710
120	TN	126-020032		304400	Struct & Imp-Teatment Struct & Imp-T&D		11/1/2015	2.13%				4,141,710
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%				1,062,411
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%				10,336,541
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%				0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%				5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%				0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020					0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019					0
128	TN	126-020044	New Raw Water Intake Citico		4.1		3/15/2024					0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%				0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%				0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%				0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%				
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%				
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%				
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024					0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%				0
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%				0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%				0
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				63,811
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				286,295
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022					0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%				0
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%				0
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%				0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%				0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%				0
147		126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%				0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%				0
149 150			(1) Amounts not reflected in actuals through 2017 or		Total DV Included:							\$60,065,138
151			projections based on project costs through 2018		Total DV Included.							\$60,063,138
152			projections based on project costs through 2018		Total DV Excluded:							\$60,065,138
153			(2) From actual or estimated in-service data provided by the	company	Total DT Excludes							700,003,130
154			(2) From actual or estimated in-service data provided by the	company.	Total Surcharge Amt:							\$60,065,138
					iotai sui cilaige Aiiit.							\$50,005,138
155 156					SEC Total:							\$24,783,741
					SEC Total:							324,703,741
157					en e							Ć1 242 700
158					EDI Total:							\$1,243,780
159					OUR Total							\$24.027.C47
160					QIIP Total:							\$34,037,617

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee **Revision Date** July 5, 2017

Line #	Business Unit	Project Title		Account Description	Portion to	In-Service	Dan Baka	Prior Year Period 11	Prior Year Period 12	2017 SCEP	Prior 2017 SCEP In-
Lille #	No.	Project file	Account	Account Description	Account	(Months) (2)	Dep Rate	Spend	Spend	Reforecast	Serviced

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date July 5, 2017

Description TN BP 2018-2022 SCEP

Line #	Business L	nit Project Title								
	No.	Project ritle	Account	Account Description	1	2	3	4	5	6
1		RECURRING PROJECTS								
2 T	N DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3 T	N DV		333000	Services	0	0	0	0	0	0
4 T	N DV		335000	Hydrants	0	0	0	0	0	0
5										
	N A	Mains - New	304400	Struct & Imp-Treatment-T&D	0	0	0	0	0	0
	N A		331001	Transmission & Distribution Mains	905,971	906,417	882,067	872,596	872,883	872,883
	N A		333000	Services	7,505	7,542	7,545	7,545	7,569	7,569
	N A		334300	Meter Vaults	18,184	18,184	18,184	18,184	18,184	18,184
	N A		335000	Hydrants	53,585	53,650	51,216	50,269	50,311	50,311
11										
	N B	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	5,100,064	5,387,306	5,575,756	5,743,734	5,802,352	5,753,268
	N B		333000	Services	504,499	546,752	569,864	594,850	595,941	592,415
	N B		335000	Hydrants	119,833	111,874	119,268	126,202	127,015	125,936
15	N C	Maine Unselveduled	221001	Tennesiasias & Distribution Marine	C 200 202	C 404 975	C F4C C40	6 706 850	C 704 270	C 01F C2C
	N C	Mains - Unscheduled	331001 335000	Transmission & Distribution Mains Hydrants	6,289,282 4,979	6,404,875 4,979	6,546,640 4,979	6,706,859 4,979	6,784,370 4,979	6,915,636 4,979
18	IN C		333000	nyurants	4,373	4,373	4,373	4,373	4,979	4,575
	N D	Mains - Relocated	331001	Transmission & Distribution Mains	3,653,477	3,701,262	3,698,643	3,850,732	3,857,374	3,849,710
	N D	Mains - Nelocated	333000	Services	48,244	48,244	47,772	50,004	50,069	50,104
	N D		335000	Hydrants	162,193	167,844	168,895	188,902	189,779	189,917
22			333000	nyarans	102,133	107,044	100,055	100,502	105,775	105,517
	N E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	188,630	188,630	188,630	188,630	188,630	188,630
	N E	.,,,,	335000	Hydrants	74,513	75,127	75,204	93,629	93,640	94,135
25				,	,-	-,	-,	,-	,-	, , , ,
26 T	N F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	191,331	191,331	194,652	195,058	196,090	196,090
27 T	N F	,	335000	Hydrants	622,931	634,649	649,313	677,696	689,051	694,748
28										
29 T	N G	Services and Laterals - New	333000	Services	0	0	0	0	0	0
30										
31 T	N H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32 T	N H		333000	Services	1,915,412	1,953,952	1,985,303	2,000,371	2,010,792	2,017,248
33 T	N H		334100	Meters	18,257	18,413	18,530	15,754	14,406	13,963
34 T	N H		334200	Meter Installations	0	0	6,051	26,597	37,540	46,808
	N H		334300	Meter Vaults	0	0	0	2,325	4,481	5,066
36										
	N I	Meters - New	334100	Meters	0	0	0	0	0	0
	N I		334200	Meter Installations	0	0	0	0	0	0
39										
	N J	Meters - Replaced	334100	Meters	593,865	599,445	600,500	600,950	611,997	611,997
41 T 42	N J		334200	Meter Installations	3,810,015	3,851,286	3,880,419	3,905,526	4,079,834	4,187,033
	N K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
45 1	IN K	113 Equipment and Systems	340200	Computer & Peripheral Equipment	U	U	U	U	U	U
	N L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
	N L	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	55,351	55,351	55,351	55,351	55,351	55,351
	N L		340300	Computer & Peripheral Equipment Computer Software	0 0	0	0	0	0	0 0
	N L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
	N L		346190	Remote Control & Instrument	726,799	751,593	751,593	873,009	870,536	870,536
50			5-0150	nemote control & matrument	. 23,733	. 51,555	. 51,555	3.3,003	3.0,330	3,0,550
	N M	Security Equipment and Systems	304100	Struct & Imp-Supply	20,271	20,271	20,271	20,271	20,271	20,271
	N M	, Equipment and Systems	304200	Struct & Imp Supply Struct & Imp-Pumping	0	0	0	0	0	0
	N M		304300	Structures & Improvement - Treatment	317,664	317,664	317,664	317,664	317,664	317,773
			500							49,087

Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date July 5, 2017

Description TN BP 2018-2022 SCEP

					·-		Culliulative balanc	ant, nom 2016 Ca	ipex, by reliou		
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
55	TN	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
56	TN	M		340200	Computer & Peripheral Equipment	5,638	5,723	5,723	5,723	5,723	6,028
57	TN	M		347000	Misc Equipment	0	0	0	0	0	0
58		***		317000	mise Equipment	· ·	Ü	Ü	· ·	· ·	Ü
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0
62	TN	0	venicies	341200	Transportation Equip Et Duty Trucks	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos	0	0	0	0	0	0
64	114	O		341300	Transportation Equip Autos	U	U	U	U	U	0
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	737,295	711,670	711,670	711,670	237,419	237,419
68	TN	Q	1 rocess rianter denities and Equipment	304200	Struct & Imp Supply Struct & Imp-Pumping	857,026	859,953	882,449	883,848	883,930	892,922
69	TN	Q		304300	Struct & Imp-Treatment	151,083	177,221	177,371	167,049	597,277	597,277
70	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,679	25,679	25,679	25,679	25,679
71	TN	Q		304500	Structures & Improvement - General	61,239	61,239	61,239	61,239	61,239	61,239
72	TN	Q		304600	Struc &Imp-Offices	7,517	7,517	7,517	7,517	7,517	7,517
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0	0	0	7,517	0	7,317
74	TN	Q		306000	Lake, River & Other Intakes	24,247	24,247	24,247	155,912	160,412	169,120
75	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	39,524	39,524	39,524	39,524	39,524	39,524
76 77	TN	Q		311200	Pump Eqp Electric	43,047	46,380	46,380	46,380	46,380	46,380
78	TN	Q		311520	Pumping Equipment SOS	1,756,351	1,757,727	1,773,603	1,774,281	1,774,321	1,778,681
78 79	TN			320100			2,997,488	2,997,503		3,040,470	
80	TN	Q Q		320200	WT Equip Non-Media Water Trmt Equip Filter Media	2,654,493 929,394	1,145,843	1,145,843	2,996,447 1,145,843	1,145,843	3,069,173 1,145,843
	TN			330000	The state of the s						
81 82		Q			Dist Reservoirs & Standpipes	23,679 0	23,679 0	23,679 0	23,679 0	23,679 0	23,679 0
83	TN TN	Q Q		331001 334100	Transmission & Distribution Mains Meters	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
85	TN	Q Q		340200	Computer & Peripheral Equipment Computer Software	99,427	99,427	99,427	99,427	99,427	99,427
85 86	TN				·	99,427	99,427	99,427	99,427	99,427	99,427
		Q		340330	Computer Software Other						
87	TN	Q		343000	Tools, Shop, Garage Equipment	3,294	3,294	3,294	3,294	3,294	3,294
88	TN	Q		344000	Laboratory Equipment	4,899	4,899	4,899	4,899	4,899	4,899
89 90	TN TN	Q Q		345000 346190	Power Operated Equipment Remote Control & Instrument	41,485 5,960	41,485 14,524	41,485 14,524	41,485 14,524	41,485 14,524	41,485 14,524
91	TN	Q Q		347000		5,960 7,793		7,793		7,793	
92	IIV	ų		347000	Misc Equipment	7,795	7,793	7,795	7,793	7,795	7,793
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0
94	TN	R	Capitalized Talik Kellabilitation/Pallitting	304301	Struct & Imp-Treatment Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
94 95	TN				·						
95 96	TN	R R		320100 320200	WT Equip Non-Media Water Trmt Equip Filter Media	259,932 52,740	259,932 52,740	259,932 52,740	259,932 52,740	259,932 52,740	259,932 52,740
97	TN	R		330000	The state of the s	23,045		397,868	438,725	438,725	
98	TN	R R		330003	Dist Reservoirs & Standpipes Tank Repainting	740,130	407,419 693,338	683,816	683,816	683,816	461,405 800,391
98	TN	R R		330100	·	740,130 90,599	90,599	90,599	90,599	90,599	90,599
100	TN	R R		330200	Elevated Tanks & Standpipes Ground Level Tanks	695,520	614,555	598,079	598,079	598,079	598,079
100	IIN	n		330200	Ground Lever ranks	093,320	014,335	330,073	330,073	330,073	330,079
101	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0	0	0	0	0	0
102 103 104	IIN	3	Total Recurring Projects	221001	Transfillssion & Distribution Mains	U	U	U	Ü	Ü	Ü
104 105 106			ACQUISITIONS								
107 108			Total Acquisitions								

Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date July 5, 2017

Descrip	tion	TN BP 2018-20	22 SCEP		-		Cumulative Balance	ce of In-Serviced P	lant, from 2018 C	apex, by Period	
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
109											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
111 112 113	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028		320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541 0	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541 0
123 124	TN TN	126-020032 126-020032		330200 347000	Ground Level Tanks Misc Equipment	5,946	0 5,946	0 5,946	0 5,946	0 5,946	5,946
125	TN	126-020032	Tennessee River Crossing	331001	Transmission & Distribution Mains	3,940	3,940 0	0	0	0	3,940
126	TN	126-020034	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	0	0	0	0	0	0
128	TN	126-020044	New Raw Water Intake Citico	320100	W Equip Non Media	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains						
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric						
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes						
135	TN	126-050001	Raw Water Intake Improvements Whitwell			0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	0	(16,882)	(16,882)	(16,882)	(16,882)	(16,882)
139	TN	126-050002		320100	WT Equip Non-Media	63,811	(50,549)	(50,549)	(50,549)	(50,549)	(50,549)
140	TN	126-050002		346190	Remote Control & Instrument	286,295	277,285	277,285	277,285	277,285	277,285
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			0	0	0	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	0	0	0	58,079	62,496	59,566
143	TN	126-050004		330200	Ground Level Tanks	0	0	0	232,469	250,150	238,424
144	TN	126-050004	The state of the s	346190	Remote Control & Instrument	0	0	0	8,752	9,418	8,977
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0	0	0	0	0
146 147	TN TN	126-000001 126-000001		320200 311520	Water Trmt Equip Filter Media	0	0	0	0	0	0
147	TN	126-000001		340200	Pumping Equipment SOS Computer & Peripheral Equipment	0	0	0	0	0	0
149	IIV	120-000001		340200	Computer & Peripheral Equipment	U	U	U	U	U	U
150			(1) Amounts not reflected in actuals through 2017 or		Total DV Included:						
151			projections based on project costs through 2018								
152			projections based on project costs through 2018		Total DV Excluded:						
153			(2) From actual or estimated in-service data provided by the	company	Total DV Excided.						
154			(2) From actual or estimated in-service data provided by the	company.	Total Surcharge Amt:						
155					Total Salenarge Ame.						
156					SEC Total:						
157											
158 159					EDI Total:						
160					QIIP Total:						

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee **Revision Date** July 5, 2017

						Cumulative Balance	of In-Serviced Pla	nt, from 2018 Cap	ex, by Period	
Line #	Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date July 5, 2017
Description TN BP 2018-2022 SCEP

					-	- Canada Co					
Line #	В	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services	0	0	0	0	0	0
4	TN	DV		335000	Hydrants	0	0	0	0	0	0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	0	0	0	0	0	104,691
7	TN	Α		331001	Transmission & Distribution Mains	872,883	872,883	872,883	872,883	877,401	1,333,654
8	TN	Α		333000	Services	7,569	7,569	7,569	7,569	7,946	9,131
9	TN	Α		334300	Meter Vaults	18,184	18,184	18,184	18,184	18,184	18,184
10	TN	Α		335000	Hydrants	50,311	50,311	50,311	50,311	50,970	53,335
11	TNI	D	Maine Deplement / Deptered	221001	Transmission & Distribution Mains	F 740 204	F 742 F24	F 746 006	F 74C 022	F 74C 022	F 702 0C4
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	5,749,294	5,743,524	5,746,806	5,746,033	5,746,033	5,792,864
13 14	TN TN	B B		333000	Services	591,164	591,479	591,785	591,689	591,689	602,211
15	IIN	В		335000	Hydrants	125,788	125,769	125,838	125,816	125,816	128,112
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	7,023,522	7,261,386	7,267,295	7,341,321	7,354,240	7,357,687
17	TN	C	Mains - Onscheduled	335000	Hydrants	4,979	4,979	4,979	4,979	4,979	4,979
18		Č		333000	riyaranes	4,575	4,575	4,575	4,515	7,575	4,575
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	3,850,741	3,849,672	3,850,912	3,850,912	3,901,150	3,900,718
20	TN	D	Manis Nelocated	333000	Services	50,131	50,135	47,893	47,893	47,893	47,893
21	TN	D		335000	Hydrants	189,991	189,925	190,929	190,929	190,929	190,820
22		_			,			,		,	,
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	188,630	188,630	188,630	188,630	191,732	191,601
24	TN	E	•	335000	Hydrants	94,135	90,470	93,202	104,120	134,803	134,351
25					·						
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	195,452	195,527	195,283	195,413	196,998	196,998
27	TN	F		335000	Hydrants	701,566	719,999	731,741	774,286	780,575	820,905
28											
29	TN	G	Services and Laterals - New	333000	Services	0	0	0	0	0	0
30											
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32	TN	Н		333000	Services	2,026,706	2,042,949	2,049,205	2,055,211	2,074,002	2,074,366
33	TN	н		334100	Meters	14,816	16,525	19,434	22,610	26,355	26,480
34	TN	Н		334200	Meter Installations	58,622	79,227	79,227	79,386	79,386	79,386
35	TN	н		334300	Meter Vaults	6,133	8,169	11,377	14,825	19,021	19,165
36											
37	TN		Meters - New	334100	Meters	0	0	0	0	0	0
38	TN	I		334200	Meter Installations	0	0	0	0	0	0
39			Markey Bardenad	224400	*****	644.007	644.007	644.007	645 433	620.620	602.706
40 41	TN TN	J	Meters - Replaced	334100	Meters	611,997 4,240,882	611,997	611,997	615,133	639,638	603,786
41	IIN	J		334200	Meter Installations	4,240,882	4,531,844	4,531,844	4,531,844	6,096,877	6,096,877
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
44	1114	K	113 Equipment and Systems	340200	Computer & Peripheral Equipment	O	U	U	· ·	0	0
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
46	TN	Ĺ	56.157. Equipment and Systems	340200	Computer & Peripheral Equipment	55,351	55,351	55,351	55,351	55,351	79,653
47	TN	L		340300	Computer & Peripheral Equipment Computer Software	0	0	0	0	0	2,492
48	TN	Ĺ		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
49	TN	Ĺ		346190	Remote Control & Instrument	871,624	871,624	871,624	871,624	871,624	871,624
50		-		5.0150		0,1,014	0,1,024	0,1,024	0,1,02	0,1,02,	0,1,024
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply	20,271	20,271	20,271	20,271	20,271	20,271
52	TN	M		304200	Struct & Imp-Pumping	0	0	0	0	0	0
53	TN	M		304300	Structures & Improvement - Treatment	317,773	317,773	317,773	317,773	317,773	389,532
54	TN	M		304400	Struct & Imp-Treatment-T&D	49,087	49,087	49,087	49,087	49,087	124,095
54	TN	М		304400	Struct & Imp-Treatment-T&D	49,087	49,087	49,087	49,087	49,087	124,

Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
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Total Acquisitions

						Cumulative balance of in-serviced Frank, from 2018 capex, by Ferrod					
Line #	E	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
55	TN	М		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
56	TN	М		340200	Computer & Peripheral Equipment	6,028	6,028	6,028	6,028	6,028	6,028
57	TN	М		347000	Misc Equipment	0	0	0	0	0	12,737
58											,
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos	0	0	0	0	0	0
64											
65	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0
66											
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	237,419	237,419	237,419	237,419	237,419	237,419
68	TN	Q		304200	Struct & Imp-Pumping	892,922	868,258	868,258	868,258	868,258	868,258
69	TN	Q		304300	Struct & Imp-Treatment	597,277	597,277	597,277	597,277	597,277	597,277
70	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,679	25,679	25,679	25,679	25,679
71	TN	Q		304500	Structures & Improvement - General	61,239	61,239	61,239	61,239	61,239	61,239
72	TN	Q		304600	Struc &Imp-Offices	7,517	7,517	7,517	7,517	7,517	7,517
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	169,120	169,120	169,120	169,120	169,120	169,120
75	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	39,524	39,524	39,524	39,524	39,524	39,524
77	TN	Q		311200	Pump Eqp Electric	46,380	46,380	46,380	46,380	46,380	75,902
78	TN	Q		311520	Pumping Equipment SOS	1,778,681	1,779,931	1,779,582	1,900,031	1,896,042	1,973,004
79	TN	Q		320100	WT Equip Non-Media	3,071,774	3,170,858	3,172,649	3,172,649	3,172,814	3,172,823
80	TN	Q		320200	Water Trmt Equip Filter Media	1,145,843	1,145,843	1,145,843	1,145,843	1,145,843	1,145,843
81	TN	Q		330000	Dist Reservoirs & Standpipes	23,679	23,679	23,679	23,679	23,679	23,679
82	TN	Q		331001	Transmission & Distribution Mains	0	0	0	0	0	0
83	TN	Q		334100	Meters	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	99,427	99,427	99,427	99,427	99,427	99,427
86	TN	Q		340330	Computer Software Other	977	977	977	977	977	977
87	TN	Q		343000	Tools, Shop, Garage Equipment	3,294	3,294	3,294	3,294	3,294	3,294
88	TN	Q		344000	Laboratory Equipment	4,899	4,899	4,899	4,899	4,899	4,899
89	TN	Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485
90	TN	Q		346190	Remote Control & Instrument	14,524	14,524	14,524	14,524	14,524	14,524
91 92	TN	Q		347000	Misc Equipment	7,793	7,793	7,793	7,793	7,793	21,681
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
95	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
96	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	473,572	472,500	472,500	473,769	471,582	472,407
98	TN	R		330003	Tank Repainting	805,160	799,647	799,647	799,647	799,647	799,647
99	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,599	90,599	90,599
100	TN	R		330200	Ground Level Tanks	598,079	598,079	598,079	598,079	598,079	598,079
101		11		330200	Ground Ecver ranks	330,073	330,073	330,013	330,073	330,073	330,073
102 103	TN	S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains	0	0	0	0	0	0
103			rotal neculting Projects								
105			ACQUISITIONS								

Cumulative Balance of In-Serviced Plant, from 2018 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
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Descript		TN BP 2018-202	22 3021		_		Cumulative Bal	ance of In-Serviced	Plant, from 2018 (Capex, by Period	
Line #		Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
109											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate	0	0	0	0	0	0
112 113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028		320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	0	0	0	0	0	0
126		126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	0	0	0	0	0	0
128	TN	126-020044	New Raw Water Intake Citico			0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130		126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains						
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric						
134		126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes						
135	TN	126-050001	Raw Water Intake Improvements Whitwell			0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0
137		126-050002		304300	Struct & Imp-Treatment	0	0	0	0	0	0
138		126-050002		304400	Struct & Imp-Treatment-T&D	(16,882)	25,260	25,260	25,260	25,260	25,260
139		126-050002		320100	WT Equip Non-Media	(50,549)	171,114	171,114	171,114	171,114	171,114
140	TN	126-050002		346190	Remote Control & Instrument	277,285	13,481	13,481	13,481	13,481	13,481
141		126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			0	0	0	0	0	0
142		126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	59,566	59,566	59,566	59,566	58,596	58,596
143	TN	126-050004		330200	Ground Level Tanks	238,424	238,424	238,424	238,424	234,540	234,540
144	TN	126-050004		346190	Remote Control & Instrument	8,977	8,977	8,977	8,977	8,830	8,830
145		126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0	0	0	0	0
146		126-000001		320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
147		126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
148 149	TN	126-000001		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
150			(1) Amounts not reflected in actuals through 2017 or		Total DV Included:					=	\$68,206,031
151										-	700,200,031
151			projections based on project costs through 2018		Total DV Excluded:					-	\$68,206,031
			(2) From actual or actimated in actual data accusion to the	company	iotai DV Excidued.					=	300,200,031
153			(2) From actual or estimated in-service data provided by the	сотрану.	Total Surcha A					-	¢c0 20c 024
154					Total Surcharge Amt:					=	\$68,206,031
155										-	426
156					SEC Total:					-	\$26,473,944
157										=	
158					EDI Total:					=	\$1,844,947
159 160					QIIP Total:					-	\$39,887,140
100					QIIP IOIAI.					-	333,007,14U

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

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•						Cumulative Balance	of In-Serviced Pla	nt, from 2018 Cape	x, by Period	
Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

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Description TN BP 2018-2022 SCEP

-											
Line #	В	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		0	0	0	0	0
4 5	TN	DV		335000	Hydrants		0	0	0	0	0
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	8,053	0	0	172	0
7	TN	Α		331001	Transmission & Distribution Mains	EDI	916,987	0	0	11,462	0
8	TN	Α		333000	Services	EDI	7,699	0	0	85	0
9	TN	Α		334300	Meter Vaults	EDI	18,184	0	0	496	0
10	TN	Α		335000	Hydrants	EDI	51,415	0	0	1,183	0
11											
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	QIIP	5,606,905	(290,584)	0	66,454	120,814
13	TN	В		333000	Services	QIIP	573,178	(1,731)	0	6,343	53,431
14	TN	В		335000	Hydrants	QIIP	123,398	(1,386)	0	2,806	626
15 16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	6,865,936	(553,668)	0	78,903	734,757
17	TN	c	Mans onsciredated	335000	Hydrants	QIIP	4,979	0	0	115	0
18					·						
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	3,799,334	(171,938)	(2,138,100)	18,616	125,878
20	TN	D		333000	Services	QIIP	48,809	0	(29,877)	210	50,097
21	TN	D		335000	Hydrants	QIIP	182,111	(64,148)	(116,087)	43	0
22 23	TN	F	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	189,097	0	0	2,364	0
24	TN	E	nyurants, valves, and Mannoles - New	335000	Hydrants	EDI	94,455	(882)	(31,700)	1,423	933
25	IIN	E		333000	nyulalits	EDI	94,433	(002)	(31,700)	1,425	933
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	194,735	(20,773)	0	2,175	46,762
27	TN	F		335000	Hydrants	QIIP	701,819	(60,160)	(9,434)	14,541	29,441
28 29	TN	G	Services and Laterals - New	333000	Services		0	0	0	0	0
30								(4.500)		(=0)	
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	0	(4,670)	0	(58)	722
32	TN TN	H		333000	Services	QIIP	2,006,003	(100,814)	0	21,148	487,632
33 34	TN	Н		334100	Meters	QIIP	18,658	(8,879)	0	731	12,213
35	TN	H H		334200 334300	Meter Installations Meter Vaults	QIIP QIIP	44,018 6,966	(1,892) 0	0	1,150 190	582 843
36	IIN	п		334300	Weter vauits	QIIP	0,900	U	U	190	843
37	TN	1	Meters - New	334100	Meters		0	0	0	0	0
38	TN	1		334200	Meter Installations		0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	QIIP	608,533	(1,585,313)	0	(72,965)	180,445
41 42	TN	J		334200	Meter Installations	QIIP	4,427,594	(443,965)	0	108,753	712,921
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0	0	0	0
44											
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	268,337	(14,212)	0	2,770	7,324
46	TN	L		340200	Computer & Peripheral Equipment	SEC	57,220	0	0	1,253	2,449
47	TN	L		340300	Computer Software	SEC	192	0	0	4	0
48	TN	L		346100	Comm Equip Non-Telephone	SEC	41,119	0	0	1,731	0
49 50	TN	L		346190	Remote Control & Instrument	SEC	830,816	(105,385)	0	30,541	52,686
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	20,271	0	0	401	0
52	TN	M	•	304200	Struct & Imp-Pumping	SEC	0	(17,103)	0	(339)	3,213
53	TN	M		304300	Structures & Improvement - Treatment	SEC	323,170	(18,984)	0	12,502	13,871
54	TN	M		304400	Struct & Imp-Treatment-T&D	SEC	54,857	0	0	1,168	0

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

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Description TN BP 2018-2022 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
55	TN	М		304500	Structures & Improvement - General	SEC	6,193	0	0	70	0
56	TN	M		340200	Computer & Peripheral Equipment	SEC	5,874	0	0	129	0
57 58	TN	М		347000	Misc Equipment	SEC	980	0	0	62	0
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0	0	0	0
62	TN	0	verilicies	341200	Transportation Equip Et Duty Trucks Transportation Equip Hvy Duty Trucks		0	0	0	0	0
63	TN	0		341300	Transportation Equip Tivy Buty Trucks Transportation Equip Autos		0	0	0	0	0
64		J		341300	Transportation Equip Actos		Ü	· ·	· ·	· ·	· ·
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	421,829	0	0	8,352	874
68	TN	Q		304200	Struct & Imp-Pumping	SEC	871,368	(32,076)	0	16,618	32,245
69	TN	Q		304300	Struct & Imp-Treatment	SEC	430,995	(108,433)	0	13,257	34,716
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	25,679	0	0	547	0
71	TN	Q		304500	Structures & Improvement - General	SEC	61,239	0	0	692	277
72	TN	Q		304600	Struc &Imp-Offices	SEC	7,517	0	0	85	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	0	(7,869)	0	(57)	1
74	TN	Q		306000	Lake, River & Other Intakes	SEC	122,858	(30,533)	0	766	3,410
75	TN	Q		309000	Supply Mains	SEC	9,862	0	0	184	0
76	TN	Q		310000	Power Generation Equip	SEC	39,524	0	0	4,873	115
77 78	TN TN	Q Q		311200 311520	Pump Eqp Electric	SEC SEC	48,009	(152,378)	0	(2,557) 31,790	45,219 34,852
78 79	TN	Q Q		320100	Pumping Equipment SOS WT Equip Non-Media	SEC	1,804,474 3,025,596	(67,291) (660,529)	0	25,779	34,852 449,685
79 80	TN	0		320200	Water Trmt Equip Filter Media	SEC	1,112,076	(409,301)	0	236,765	449,685
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	23,679	(409,301)	0	493	421,798
82	TN	Q		331001	Transmission & Distribution Mains	SEC	23,079	(1,011)	0	(13)	219
83	TN	Q		334100	Meters	SEC	0	(1,011)	0	(13)	0
84	TN	à		340200	Computer & Peripheral Equipment	SEC	0	(0)	0	(0)	105
85	TN	ā		340300	Computer Software	SEC	99,427	0	0	1,820	0
86	TN	Q		340330	Computer Software Other	SEC	977	0	0	18	0
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	3,294	(2,705)	0	41	0
88	TN	Q		344000	Laboratory Equipment	SEC	4,899	(150,202)	0	(1,468)	1,261
89	TN	Q		345000	Power Operated Equipment	SEC	41,485	(11,283)	0	2,123	1,676
90	TN	Q		346190	Remote Control & Instrument	SEC	13,218	(3,100)	0	426	0
91 92	TN	Q		347000	Misc Equipment	SEC	8,861	(3,766)	0	323	3,159 0
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	0	(94,900)	0	(3,900)	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,250,689	(170,157)	0	130,312	661,770
95	TN	R		320100	WT Equip Non-Media	QIIP	259,932	(123,785)	0	1,484	89,500
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	52,740	(36,378)	0	5,512	206,460
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	386,659	0	0	8,042	0
98	TN	R		330003	Tank Repainting	QIIP	771,463	(109,594)	0	73,335	205,907
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	90,599	0	0	2,482	0
100 101	TN	R		330200	Ground Level Tanks	QIIP	598,148	(446)	0	16,377	977
102 103 104	TN	S	Engineering Studies Total Recurring Projects	331001	Transmission & Distribution Mains		0	0	0	0	0
105 106			ACQUISITIONS								
107			Total Acquisitions								

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date July 5, 2017

Description TN BP 2018-2022 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
109											
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0			0	
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0			0	
112											
113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	6,103,569	0		250,857	0
116	TN	126-020028	, , , ,	320100	WT Equip Non-Media	QIIP	2,108,898	(47,846)		22,465	850,267
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	207,335	0		8,729	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	0	(14,622)		(290)	243,354
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	4,141,710	(54,346)		167,991	1,535,662
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	0	0		0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	1,062,411	0		12,005	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	10,336,541	(305)		112,665	577
123	TN	126-020032		330200	Ground Level Tanks	SEC	0	0		0	0
124	TN	126-020032		347000	Misc Equipment	SEC	5,946	0		376	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	0			0	
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	0			0	
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	0			0	
128	TN	126-020044	New Raw Water Intake Citico			SEC	0			0	
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	0			0	
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	0			0	
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	0			0	
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI					
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI					
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC					
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP	0			0	
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	0	(70,589)		(1,398)	35,569
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	0	(677)		(28)	952
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	1,924	0		41	0
139	TN	126-050002		320100	WT Equip Non-Media	SEC	52,300	0		570	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	177,208	(3,298)		7,322	2,030
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP	0				
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	41,200	0		878	
143	TN	126-050004		330200	Ground Level Tanks	SEC	164,909	0		4,519	
144	TN	126-050004		346190	Remote Control & Instrument	SEC	6,209	0		261	
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	0			0	
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	0			0	
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	0			0	
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	0			0	
149											
150			(1) Amounts not reflected in actuals through 2017 or		Total DV Included:		\$64,105,148	(\$5,833,906)	(\$2,325,198)	\$1,478,097	\$7,500,278
151			projections based on project costs through 2018								
152					Total DV Excluded:		\$64,105,148	(\$5,833,906)	(\$2,325,198)	\$1,478,097	\$7,500,278
153			(2) From actual or estimated in-service data provided by the	company.							
154					Total Surcharge Amt:		\$64,105,148	(\$5,833,906)	(\$2,325,198)	\$1,478,097	\$7,500,278
155											
156					SEC Total:		\$25,776,252	(\$1,939,998)	\$0	\$696,062	\$2,927,298
157											
158					EDI Total:		\$1,285,890	(\$882)	(\$31,700)	\$17,185	\$933
159					251 1014		+-,,050	(+502)	(+,-00)	,	+ 7555
160					QIIP Total:		\$37,043,006	(\$3,893,026)	(\$2,293,497)	\$764,850	\$4,572,046
100					QIIF Total.		757,045,000	(43,033,020)	(72,233,737)	Ç7.0 1 ,030	77,372,040

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee **Revision Date** July 5, 2017

Description TN BP 2018-2022 SCEP

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	Average Retirements	Average Cost of

Line #	Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retirements (Replacement Projects Only)	Average CIAC	Depreciation Expense	Average Cost of Removal Less Salvage
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STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Revision Date Description Tennessee October 7, 2017 TN BP 2018-2022 SCEP

						2018					
Business Unit	Rider	Business Unit No.	Project Title			1	2	3	4	5	6
Tennessee	None	DV	Projects Funded by Others			\$10,000	\$10,000	\$50,000	\$80,000	\$150,000	\$150,000
Tennessee	EDI	Α	Mains - New			40,000	67,500	75,500	85,500	88,000	93,000
Tennessee	QIIP	В	Mains - Replaced / Restored			50,000	100,000	130,000	135,000	160,000	170,000
Tennessee	QIIP	С	Mains - Unscheduled			100,500	110,500	106,000	106,000	103,500	100,500
Tennessee	QIIP	D	Mains - Relocated			0	5,000	5,000	10,000	15,000	15,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New			5,000	8,000	10,500	11,500	13,000	18,000
Tennessee	QIIP	F	Hvdrants. Valves. and Manholes - Replaced			19,500	21,500	23,500	30,500	45,000	50,000
Tennessee	None	G	Services and Laterals - New			50,500	75,500	81,250	85,250	100,500	105,500
Tennessee	QIIP	Н	Services and Laterals - Replaced			20,500	35,000	45,200	57,200	85,200	85,300
Tennessee	None	I	Meters - New			5,000	10,000	15,000	20,350	25,350	30,700
Tennessee	QIIP	J	Meters - Replaced			50,000	100,000	151,000	201,500	301,500	302,395
Tennessee	None	K	ITS Equipment and Systems			138,945	158,605	151,905	132,685	137,353	136,115
Tennessee	SEC	L	SCADA Equipment and Systems			5,000	7,000	9,000	15,000	22,500	25,500
Tennessee	SEC	M	Security Equipment and Systems			2,500	5,000	10,000	10,000	15,000	25,000
Tennessee	None	N	Offices and Operations Centers			1,000	1,000	1,250	1,250	1,500	1,500
Tennessee	None	0	Vehicles			0	0	0	0	240,000	247,000
Tennessee	None	Р	Tools and Equipment			5,750	8,750	11,000	13,000	18,500	20,500
Tennessee	SEC	Q	Process Plant Facilities and Equipment			27,500	80,000	80,000	80,000	82,500	87,500
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting			50,000	50,000	50,000	75,000	75,000	100,000
Tennessee	None	S	Engineering Studies			2,500	2,500	5,000	5,000	5,000	5,000
			Total Recurring Projects INVESTMENT PROJECTS	Total	In Service Date	574,195	845,855	961,105	1,074,735	1,534,403	1,618,510
Tennessee	SEC	126-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)		12/31/2022						
Tennessee	QIIP	126-020034	Tennessee River Crossing (\$2.5)		12/31/2018	163,875	213,875	213,875	213,875	213,875	213,875
Tennessee	QIIP	126-020038	Retire Basin 1 (\$0.6)		12/31/2020						
Tennessee	QIIP	126-020039	Repl Basin 2 & Plate Settlers		12/31/2019				16,545	27,666	110,453
Tennessee	SEC	126-020040	Chlorine Gas Conversion (\$4.5)		4/1/2020						
Tennessee	QIIP	126-020043	Energy Reduction and Efficiency (\$0.87)		12/31/2020						
Tennessee	SEC	126-020044	New Raw Water Intake Citico (\$4)		6/30/2022						
Tennessee	QIIP	126-020045	Remove Filter Bldg 3		3/1/2018						
Tennessee	None	126-020046	New Field Services Facility (\$5)		12/31/2020				21,930	21,930	21,930
Tennessee	QIIP	126-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rd		12/31/2022						
Tennessee	QIIP	126-020049	Alvin York Hwy Main Replacement (\$1.5)		8/30/2023						
Tennessee	SEC	126-050001	Raw Water Intake Improvements Whitwell (\$2)		12/31/2021						
Tennessee	SEC	126-050002	Facility Upgrades at Whitwell WTP (\$0.3)		12/31/2017						
Tennessee	SEC	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)		12/31/2021						
Tennessee	SEC	126-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)		12/31/2017						
Tennessee	No	126-000002	Post Acquisition BD Capex			56,083	56,083	56,083	56,083	56,083	56,083
			Total Investment Projects			\$219,958	\$269,958	\$269,958	\$308,433	\$319,554	\$402,341
			Contributions			(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
			Advances			(58,333)	(58,333)	(58,333)	(58,333)	(58,333)	(58,333)
			Total Refunds			29,167	29,167	29,167	29,167	29,167	29,167
							23,107	23/107	23,207	23,107	23/107
			Gr	ross		\$804,154	\$1,125,814	\$1,281,064	\$1,463,169	\$2,003,958	\$2,170,852
						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
*5-11	·			Net		\$754,987	\$1,076,647	\$1,231,897	\$1,414,002	\$1,954,791	\$2,121,685
"Dollar amounts	irom I <i>I</i>	wc's Annual C	Capital Planning Process								
			Gross minus Post	Acq		\$748,070	\$1,069,730	\$1,224,980	\$1,407,085	\$1,947,874	\$2,114,768
						(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)
			Net minus Post	Acq		\$698,904	\$1,020,564	\$1,175,814	\$1,357,919	\$1,898,708	\$2,065,602
							_	_	_		

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Revision Date Description Tennessee October 7, 2017 TN BP 2018-2022 SCEP

-			T							U.S. \$
Business Unit	Rider	Business Unit No.	Project Title	7	8	9	10	11	12	Total 2018
Tennessee	None	DV	Projects Funded by Others	\$90,000	\$80,000	\$80,000	\$80,000	\$120,000	\$100,000	\$1,000,000
Tennessee	EDI	Α	Mains - New	98,000	102,000	78,000	79,500	78,500	77,500	963,000
Tennessee	QIIP	В	Mains - Replaced / Restored	175,000	185,000	170,000	160,000	150,000		1,725,000
Tennessee	QIIP	C	Mains - Unscheduled	70,500	70,500	40,500	40,500	80,000		1,029,000
Tennessee	QIIP	D	Mains - Relocated	20,000	15,000	10,000	10,000	5,000		110,000
Tennessee	EDI	E	Hydrants, Valves, and Manholes - New	17,500	16,000	15,000	8,000	5,500		133,000
Tennessee	QIIP	F	Hvdrants. Valves. and Manholes - Replaced	55,000	53,000	46,000	36,000	26,000		422,000
Tennessee	None	G H	Services and Laterals - New	105,250	81,250	101,000	81,000	75,500		993,000
Tennessee Tennessee	QIIP None	H	Services and Laterals - Replaced	82,200 35,350	65,200 30,350	55,200 25,000	43,000 20.000	30,000 10,600		630,250 237,700
Tennessee	QIIP	j	Meters - New	300.000	300,000	219,545	180,000	100,000		2,255,940
Tennessee	None	K	Meters - Replaced	164,900	152,680	117,941	122,041	98,164	61,387	1,572,722
Tennessee	SEC	L	ITS Equipment and Systems	22,000	20,000	15,000	10,000	5,000		160,000
Tennessee	SEC	M	SCADA Equipment and Systems	25.000	25.000	10,000	10,000	10,000		150,000
Tennessee	None	N	Security Equipment and Systems Offices and Operations Centers	2,000	1,500	1,000	1,000	1,000		15,000
Tennessee	None	0	Vehicles	2,000	132.000	1,000	0	0		619.000
Tennessee	None	P	Tools and Equipment	25,500	18,500	13,000	11,000	8,750		160,000
Tennessee	SEC	Q	Process Plant Facilities and Equipment	90,000	90,000	80,000	80,000	80,000	32,500	890,000
Tennessee	QIIP	R	Capitalized Tank Rehabilitation/Painting	200,000	105,000	100,000	100,000	50,000		1,000,000
Tennessee	None	S	Engineering Studies	5,000	5,000	5,000	5,000	2,500	2,500	50,000
			Total Recurring Projects	1,493,200	1,467,980	1,102,186	997,041	816,514	629,887	0 13,115,612
			INVESTMENT PROJECTS			, ,	· · · · · · · · · · · · · · · · · · ·	,	,	, ,
Tennessee	SEC	126-020027	Construct 1.0MG Tank & 2500-16" ER (\$1.5)							0
Tennessee	QIIP	126-020034	Tennessee River Crossing (\$2.5)	200,000	200,000	200,000	200,000	200,000	180,959	2,414,209
Tennessee	QIIP	126-020038	Retire Basin 1 (\$0.6)							0
Tennessee		126-020039	Repl Basin 2 & Plate Settlers	166,056	166,358	166,358	166,358	166,358	1,336,045	2,322,197
Tennessee		126-020040	Chlorine Gas Conversion (\$4.5)	55,151	110,603	111,207	194,536	223,168	279,525	974,190
Tennessee		126-020043	Energy Reduction and Efficiency (\$0.87)							0
Tennessee		126-020044	New Raw Water Intake Citico (\$4)							0
Tennessee		126-020045	Remove Filter Bldg 3							
Tennessee		126-020046	New Field Services Facility (\$5)	21,930	21,930	21,930	21,930	21,930	21,931	197,371
Tennessee	QIIP	126-020048	Install 6,900 ft of 8-inch Main on Elder Mountain Rd							
Tennessee		126-020049	Alvin York Hwy Main Replacement (\$1.5)							
Tennessee		126-050001 126-050002	Raw Water Intake Improvements Whitwell (\$2) Facility Upgrades at Whitwell WTP (\$0.3)							0
Tennessee Tennessee	SEC	126-050002	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)							0
Tennessee	SEC	126-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)							0
Tennessee	No	126-000002	Post Acquisition BD Capex	56,083	56.083	56,083	56,083	56,083	56,083	673,000
16111163366	NO	120-000002	Total Investment Projects	\$499,220	\$554,974	\$555,578	\$638,907	\$667,539	\$1,874,543	\$6,580,967
				 	700 701	7000/010	7000,000	700.7000	7-70: 170:10	71,000,000
			Contributions	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(240,000)
			Advances	(58,333)	(58,333)	(58,333)	(58,333)			
			Total Refunds	29,167	29,167	29,167	29,167	29,167	29,167	350,000
										0
			Gross	\$2,082,420	\$2,102,954	\$1,737,764	\$1,715,948	\$1,604,053	\$2,604,430	\$20,696,579
				(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)	(590,000)
			Net	\$2,033,253	\$2,053,787	\$1,688,598	\$1,666,782	\$1,554,887	\$2,555,264	\$20,106,579
*Dollar amounts	from TA	WC's Annual C	apital Planning Process							
			Gross minus Post Acq	\$2,026,337	\$2,046,871	\$1,681,681	\$1,659,865	\$1,547,970	\$2,548,347	\$20,023,579
			5. 55551 65t Acq							
			No. 1 - F. 15	(49,167)	(49,167)	(49,167)	(49,167)	(49,167)		(590,000)
			Net minus Post Acq	\$1,977,170	\$1,997,704	\$1,632,514	\$1,610,698	\$1,498,803	\$2,499,180	\$19,433,579

Tennessee American Water Company Qualified Infrastructure Improvement Program Rider (QIIP) Economic Development Investment Rider (EDI) Safety and Environmental Compliance Rider (SEC) **Reduction for Capitalized Performance Compensation**

		Long Term		Actual Amount of Performance
Year	Annual Performance Plan	Performance Plan	Total	Compensation Capitalized
2016	\$464,044	\$57,709	\$521,753	\$60,844
2015	267,852	38,811	306,663	46,737
2014	147,822	30,535	178,357	38,826
2013	143,533	34,638	178,171	67,630
Total	\$1,023,251	\$161,693	\$1,184,944	\$214,037

Year 2016 2015 2014 2013	50% of Annual Performance Plan \$232,022 133,926 73,911 71,767		Labor Capitalization Rate \$68,052 40,285 21,456	Actual Amount of Performance Compensation Capitalized \$60,844 46,737 38,826 67,630	Adjustment to Capital for Performance Compensation \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2013	Revenue Reduction Calculation for 2014 (1) 17,370 52,107	Revenue Reduction Calculation for 2015 (1) 6,452 17,370 52,107	Revenue Reduction Calculation for 2016 (1) \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2017 (1) \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2018 (1) \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2019 (2) \$0 6,452 17,370 52,107	Revenue Reduction Calculation for 2020 \$0 6,452 17,370 52,107	
Total	\$511,626	=	\$145,316	\$214,037	\$75,929	\$52,107	\$69,477	\$75,929	\$75,929	\$75,929	\$75,929	\$75,929	\$75,929	
		Pre-Tax Authorized			- -	9.454% 4,926.38	9.454% 6,568.57	9.454% 7,178.58	9.454% 7,178.58	9.454% 7,178.58	8.451% 6,417.07	8.451% 6,417.07	8.451% 6,417.07	
		Depreciation Exper	nse Reduction:	2.22%		1,154.17	1,538.91	1,681.83	1,681.83	1,681.83	1,681.83	1,681.83		composite rate based on 2016 actual depr expense over actual additions
		Property and Franc	hise Taxes Reduction:		-	704.34	939.13	1,026.34	1,026.34	1,026.34	1,026.34	1,026.34	1,026.34	same as 2016 recon filing
		Revenue Reduction	n:		-	6,784.89	9,046.61	9,886.74	9,886.74	9,886.74	9,125.23	9,125.23	9,125.23	
		Revenue Taxes Total Revenues wit	h Revenue Taxes Reduction	1	\$56,417.26	3.191% \$7,008.54	3.191% \$9,344.81	3.191% \$10,212.63	3.191% \$10,212.63	3.191% \$10,212.63	3.191% \$9,426.02	3.191% \$9,426.02	3.191% \$9,426.02	
			QIIP	48.36%	\$4,558	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,558	% from total actual revenue requirement filed for 2016 reconciliation % from total actual revenue requirement filed for
			EDI	1.78%	168	0	0	0	0	0	0	0		2016 reconciliation % from total actual revenue requirement filed for
			SEC	49.86%	4,700	0	0	0	0	0	0	0		2016 reconciliation
		Total Revenues wit	h Revenue Taxes Reduction	in this Filing	\$9,426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,426	

⁽¹⁾ These amounts from 2014-2018 have been zeroed out to reflect the revenue reduction being included in the 2018 reconciliation rate from docket #19-00031.
(2) These amounts from 2019 have been zeroed out to reflect the revenue reduction being included in the 2019 Capital Recovery Riders from Docket No. 18-00120

Tennessee American Water Company Qualified Infrastructure Improvement Program (QIIP) Economic Development Investment Rider (EDI) Safety and Environmental Compliance Rider (SEC) Retirements & Cost of Removal

CALCULATION OF AVERAGE BALANCE OF RETIREMENTS AND AVG BALANCE OF COST OF REMOVAL LESS SALVAGE SPEND

Business Unit No.	Account	Account Description	2016-2018 Additions	Portion of Account	2016-2018 Retirements	2016-2018 COR less salvage	3 Year Average Capital Rider Retirement %	3 Year Average Capital Rider COR less Salvage %
Dusiness onicitor	71000111	Account Description						
DV	331001	Transmission & Distribution Mains	\$0	0.00%	\$0	\$0	0.00%	0.00%
DV	333000	Services	0	0.00%	0	0	0.00%	0.00%
DV	335000	Hydrants	0	0.00%	0	0	0.00%	0.00%
Α	304400	Struct & Imp-Treatment-T&D	104,691	9.99%	0	0	0.00%	0.00%
Α	331001	Transmission & Distribution Mains	877,391	83.70%	0	0	0.00%	0.00%
A	333000	Services	5,956	0.57%	0	0	0.00%	0.00%
A	334300	Meter Vaults	18,184	1.73%	0	0	0.00%	0.00%
Α	335000	Hydrants	42,006	4.01%	0	0	0.00%	0.00%
В	331001	Transmission & Distribution Mains	3,996,796	88.24%	(247,739)	128,476	-6.20%	-51.86%
В	333000	Services	430,589	9.51%	(1,839)	11,494	-0.43%	-624.89%
В	335000	Hydrants	102,203	2.26%	(1,386)	626	-1.36%	-45.14%
С	331001	Transmission & Distribution Mains	5,476,981	99.91%	(1,328,811)	581,986	-24.26%	-43.80%
С	335000	Hydrants	4,979	0.09%	0	0	0.00%	0.00%
D	331001	Transmission & Distribution Mains	2,485,566	91.53%	(180,049)	54,477	-7.24%	-30.26%
D	333000	Services	46,565	1.71%	0	1,873	0.00%	0.00%
D	335000	Hydrants	183,534	6.76%	0	0	0.00%	0.00%
E	331001	Transmission & Distribution Mains	83,552	44.51%	0	0	0.00%	0.00%
E	335000	Hydrants	104,162	55.49%	0	0	0.00%	0.00%
F	331001	Transmission & Distribution Mains	75,724	15.59%	(18,194)	8,063	-24.03%	-44.32%
F	335000	Hydrants	410,153	84.41%	(88,238)	49,729	-21.51%	-56.36%
r	333000	nyurants	410,133	64.41/0	(00,230)	49,729	-21.31/6	-30.30%
G	333000	Services	0	100.00%	0	0	0.00%	0.00%
н	331001	Transmission & Distribution Mains	0	0.00%	(7,589)	1,340	0.00%	-17.66%
н	333000	Services	1,202,873	90.58%	(111,363)	303,743	-9.26%	-272.75%
Н	334100	Meters	26,480	1.99%	(9,037)	12,259	-34.13%	-135.65%
Н	334200	Meter Installations	79,386	5.98%	(2,774)	877	-3.49%	-31.61%
н	334300	Meter Vaults	19,165	1.44%	0	1,496	0.00%	0.00%
1	334100	Meters	0	0.00%	0	0	0.00%	0.00%
I	334200	Meter Installations	0	0.00%	0	0	0.00%	0.00%
J	334100	Meters	324,960	6.59%	(1,747,885)	180,787	-537.88%	-10.34%
J	334200	Meter Installations	4,604,116	93.41%	(443,068)	607,578	-9.62%	-137.13%
К	340200	Computer & Peripheral Equipment	0	0.00%	0	0	0.00%	0.00%
L	320100	WT Equip Non-Media	0	0.00%	(6,003)	4,520	0.00%	-75.29%
L	340200	Computer & Peripheral Equipment	79,653	15.41%	0	2,449	0.00%	0.00%
L	340300	Computer Software	2,492	0.48%	0	0	0.00%	0.00%
L	346100	Comm Equip Non-Telephone	(0)	0.00%	0	0	0.00%	0.00%
L	346190	Remote Control & Instrument	434,870	84.11%	(137,830)	66,308	-31.69%	-48.11%
М	304100	Struct & Imp-Supply	20,271	4.81%	0	0	0.00%	0.00%
M	304200	Struct & Imp-Pumping	0	0.00%	(17,678)	4,187	0.00%	-23.68%
M	304300	Structures & Improvement - Treatment	257,917	61.26%	(25,067)	15,195	-9.72%	-60.62%
M	304400	Struct & Imp-Treatment-T&D	124,095	29.47%	0	0	0.00%	0.00%

Tennessee American Water Company Qualified Infrastructure Improvement Program (QIIP) Economic Development Investment Rider (EDI) Safety and Environmental Compliance Rider (SEC) Retirements & Cost of Removal

CALCULATION OF AVERAGE BALANCE OF RETIREMENTS AND AVG BALANCE OF COST OF REMOVAL LESS SALVAGE SPEND

			2016-2018	Portion of	2016-2018	2016-2018 COR	3 Year Average Capital Rider	3 Year Average Capital Rider COR
Business Unit No.	Account	Account Description	Additions	Account	Retirements	less salvage	Retirement %	less Salvage %
М	304500	Structures & Improvement - General	0	0.00%	0	0	0.00%	0.00%
М	340200	Computer & Peripheral Equipment	6,028	1.43%	0	0	0.00%	0.00%
М	347000	Misc Equipment	12,737	3.03%	0	0	0.00%	0.00%
N	304500	Structures & Improvement - General	0	0.00%	0	0	0.00%	0.00%
0	341100	Transportation Equip Lt Duty Trucks	0	0.00%	0	0	0.00%	0.00%
0	341200	Transportation Equip Hvy Duty Trucks	0	0.00%	0	0	0.00%	0.00%
0	341300	Transportation Equip Autos	0	0.00%	0	0	0.00%	0.00%
P	343000	Tools, Shop, Garage Equipment	0	0.00%	0	0	0.00%	0.00%
Q	304100	Struct & Imp-Supply	114,653	2.15%	0	757	0.00%	0.00%
Q	304200	Struct & Imp-Pumping	868,258	16.26%	(78,394)	21,800	-9.03%	-27.81%
Q	304300	Struct & Imp-Treatment	590,152	11.06%	(119,728)	54,875	-20.29%	-45.83%
Q	304400	Struct & Imp-Treatment-T&D	25	0.00%	0	0	0.00%	0.00%
Q	304500	Structures & Improvement - General	33,526	0.63%	0	0	0.00%	0.00%
Q	304600	Struc &Imp-Offices	7,517	0.14%	0	0	0.00%	0.00%
Q	304700	Struct & Imp-Store,Shop,Garage	0	0.00%	(2,481)	0	0.00%	0.00%
Q	306000	Lake, River & Other Intakes	169,120	3.17%	(49,616)	8,366	-29.34%	-16.86%
Q	309000	Supply Mains	0	0.00%	0	0	0.00%	0.00%
Q	310000	Power Generation Equip	14,457	0.27%	0	0	0.00%	0.00%
Q	311200	Pump Eqp Electric	57,053	1.07%	(145,064)	47,381	-254.26%	-32.66%
Q	311520	Pumping Equipment SOS	1,507,961	28.25%	(34,850)	40,731	-2.31%	-116.88%
Q Q	320100 320200	WT Equip Non-Media Water Trmt Equip Filter Media	1,366,467 451,949	25.60% 8.47%	(529,852)	497,608 49,140	-38.78% -31.04%	-93.91% -35.03%
Q	330000	Dist Reservoirs & Standpipes	23,679	0.44%	(140,278) 0	49,140	-31.04%	-35.03%
Q	331001	Transmission & Distribution Mains	23,679	0.44%	(1,011)	237	0.00%	-23.41%
Q	334100	Meters	0	0.00%	(1,011)	0	0.00%	0.00%
Q	340200	Computer & Peripheral Equipment	0	0.00%	0	0	0.00%	0.00%
Q	340300	Computer Software	99,427	1.86%	0	0	0.00%	100.00%
Q	340330	Computer Software Other	977	0.02%	0	0	0.00%	200.00%
Q	343000	Tools, Shop, Garage Equipment	3,294	0.06%	(2,705)	0	-82.11%	0.00%
Q	344000	Laboratory Equipment	4,899	0.09%	(2,627)	1,263	-53.63%	-48.05%
Q	345000	Power Operated Equipment	0	0.00%	(11,283)	1,676	0.00%	-14.85%
Q	346190	Remote Control & Instrument	11,023	0.21%	(3,100)	0	-28.12%	0.00%
à	347000	Misc Equipment	13,888	0.26%	(3,766)	613	-27.12%	-16.27%
R	304300	Struct & Imp-Treatment	0	0.00%	0	0	0.00%	0.00%
R	304301	Struct & Imp-Treatment-Dpr Paint	0	0.00%	(170,157)	661,770	0.00%	-388.92%
R	320100	WT Equip Non-Media	0	0.00%	(123,785)	89,500	0.00%	-72.30%
R	320200	Water Trmt Equip Filter Media	0	0.00%	(36,378)	206,460	0.00%	-567.53%
R	330000	Dist Reservoirs & Standpipes	287,227	21.33%	0	. 0	0.00%	0.00%
R	330003	Tank Repainting	461,480	34.27%	(109,594)	205,907	-23.75%	-187.88%
R	330100	Elevated Tanks & Standpipes	0	0.00%	0	0	0.00%	0.00%
R	330200	Ground Level Tanks	598,079	44.41%	0	0	0.00%	0.00%
S	331001	Transmission & Distribution Mains	0	0.00%	0	0	0.00%	0.00%
		Total	\$28,329,188		(\$5,939,220)	\$3,925,546		

Tennessee American Water Company Qualified Infrastructure Improvement Program (QIIP) Economic Development Investment Rider (EDI) Safety and Environmental Compliance Rider (SEC) Retirements & Cost of Removal

CALCULATION OF AVERAGE BALANCE OF RETIREMENTS AND AVG BALANCE OF COST OF REMOVAL LESS SALVAGE SPEND

Shown below are the 2016 - 2018 additions that is used to calculate the current three year average for retirement and COR, net of salvage % that are applied to current plant additions. In 2016, adjustments to additions were made for 2014 & 2015 projects. The adjustment was made to properly calculate the 2016 - 2018 data. The cumulative amounts for additions are correct.

Plant Additions

Business Unit No.	Account	Account Description	Cumulative Additions 2014 - 2018	2014 - 2015 Additions	Other Adjustments (made 2016)	2016-2018 Additions
DV	331001	Transmission & Distribution Mains	\$0	\$0		\$0
DV	333000	Services	0	0		0
DV	335000	Hydrants	0	0		0
DV	333000	riyurants	O .	Ü		O .
Α	304400	Struct & Imp-Treatment-T&D	104,691	0		104,691
Α	331001	Transmission & Distribution Mains	1,333,654	456,264		877,391
Α	333000	Services	9,131	3,176		5,956
Α	334300	Meter Vaults	18,184	0		18,184
A	335000	Hydrants	53,335	11,329		42,006
В	331001	Transmission & Distribution Mains	5,792,864	1,796,068		3,996,796
В	333000	Services	602,211	171,623		430,589
В						
В	335000	Hydrants	128,112	25,909		102,203
С	331001	Transmission & Distribution Mains	7,357,687	1,880,706		5,476,981
С	335000	Hydrants	4,979	0		4,979
D	331001	Transmission & Distribution Mains	3,900,718	1,415,151		2,485,566
D	333000	Services	47,893	1,328		46,565
D	335000	Hydrants	190,820	7,286		183,534
D	333000	nyurants	190,620	7,280		103,334
E	331001	Transmission & Distribution Mains	191,601	108,049		83,552
E	335000	Hydrants	134,351	30,189		104,162
-		,	',	50,200		
F	331001	Transmission & Distribution Mains	196,998	121,273		75,724
F	335000	Hydrants	820,905	410,751		410,153
G	333000	Services	0	0		0
н	331001	Transmission & Distribution Mains	0	0		0
н	333000	Services	2,074,366	871,492		1,202,873
н	334100	Meters	26,480	0		26,480
н	334200	Meter Installations	79,386	0		79,386
н	334300	Meter Vaults	19,165	0		19,165
п	334300	Weter vauits	19,103	0		19,103
1	334100	Meters	0	0		0
I	334200	Meter Installations	0	0		0
J	334100	Meters	603,786	278,825		324,960
j	334200	Meter Installations	6,096,877	1,492,760		4,604,116
К	340200	Computer & Peripheral Equipment	0	0		0
L	320100	WT Equip Non-Media	268,337	268,337		0
L	340200	Computer & Peripheral Equipment	79,653	(0)		79,653
L						
L L	340300	Computer Software	2,492	41 110		2,492
-	346100	Comm Equip Non-Telephone	41,119	41,119		(0)
L	346190	Remote Control & Instrument	871,624	436,754		434,870
М	304100	Struct & Imp-Supply	20,271	0		20,271
M	304200	Struct & Imp-Pumping	0	0		0
M	304300	Structures & Improvement - Treatment	389,532	131,615		257,917
M	304400	Struct & Imp-Treatment-T&D	124,095	0		124,095
			,,,,,	_		,,,,,

Tennessee American Water Company Qualified Infrastructure Improvement Program (QIIP) Economic Development Investment Rider (EDI) Safety and Environmental Compliance Rider (SEC) Retirements & Cost of Removal

CALCULATION OF AVERAGE BALANCE OF RETIREMENTS AND AVG BALANCE OF COST OF REMOVAL LESS SALVAGE SPEND

Shown below are the 2016 - 2018 additions that is used to calculate the current three year average for retirement and COR, net of salvage % that are applied to current plant additions. In 2016, adjustments to additions were made for 2014 & 2015 projects. The adjustment was made to properly calculate the 2016 - 2018 data. The cumulative amounts for additions are correct.

Plant Additions

			Cumulative Additions		Other Adjustments	
Business Unit No.	Account	Account Description	2014 - 2018	2014 - 2015 Additions	(made 2016)	2016-2018 Additions
М	304500	Structures & Improvement - General	6,193	6,193		0
M	340200	Computer & Peripheral Equipment	6,028	0		6,028
М	347000	Misc Equipment	12,737	0		12,737
N	304500	Structures & Improvement - General	0	0		0
0	341100	Transportation Equip Lt Duty Trucks	0	0		0
Ō	341200	Transportation Equip Hvy Duty Trucks	0	0		0
0	341300	Transportation Equip Autos	0	0		0
Р	343000	Tools, Shop, Garage Equipment	0	0		0
Q	304100	Struct & Imp-Supply	237,419	122,766		114,653
Q	304200	Struct & Imp-Pumping	868,258	0		868,258
Q	304300	Struct & Imp-Treatment	597,277	7,125		590,152
Q	304400	Struct & Imp-Treatment-T&D	25,679	25,654		25
Q	304500	Structures & Improvement - General	61,239	27,713		33,526
Q	304600	Struc &Imp-Offices	7,517	0		7,517
Q	304700	Struct & Imp-Store, Shop, Garage	0	0		0
Q	306000	Lake, River & Other Intakes	169,120	0		169,120
Q	309000	Supply Mains	9,862	9,862		0
Q	310000	Power Generation Equip	39,524	25,066		14,457
Q	311200	Pump Eqp Electric	75,902	18,849		57,053
Q	311520	Pumping Equipment SOS	1,973,004	465,043		1,507,961
Q	320100	WT Equip Non-Media	3,172,823	1,806,356		1,366,467
Q	320200	Water Trmt Equip Filter Media	1,145,843	693,894		451,949
Q	330000	Dist Reservoirs & Standpipes	23,679	0		23,679
Q	331001	Transmission & Distribution Mains	0	0		0
Q	334100	Meters	0	0		0
Q	340200	Computer & Peripheral Equipment	0	0		0
Q	340300	Computer Software	99,427	0		99,427
Q	340330	Computer Software Other	977	0		977
Q	343000	Tools, Shop, Garage Equipment	3,294	0		3,294
Q	344000	Laboratory Equipment	4,899	0		4,899
Q	345000	Power Operated Equipment	41,485	41,485		0
Q	346190	Remote Control & Instrument	14,524	3,502		11,023
Q	347000	Misc Equipment	21,681	7,793		13,888
R	304300	Struct & Imp-Treatment	0	(778)	778	0
R	304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	0	1,250,689	0
R	320100	WT Equip Non-Media	259,932	2,310,463	(2,050,531)	0
R	320200	Water Trmt Equip Filter Media	52,740	0	52,740	0
R	330000	Dist Reservoirs & Standpipes	472,407	567,580	(382,400)	287,227
R	330003	Tank Repainting	799,647	46,367	291,800	461,480
R	330100	Elevated Tanks & Standpipes	90,599	0	90,599	0
R	330200	Ground Level Tanks	598,079	0		598,079
S	331001	Transmission & Distribution Mains	0	0		0
		Total	\$43,727,800	\$16,144,936	(\$746,324)	\$28,329,188

Tennessee American Water Residential Water Rates

		PRICE LEVELS - (Meter Based)								PRICES - (VOLUMES & NON-METER BASED FLAT FEES)																
Rate Category Descrip	Charge Type	5/8-METER 3/4-METER	1-METER	1.5-METER	2-METER	3-METER	4-METER	6-METER	8-METER	1 BlockLim1	Blocks	1	2 BlockLim2	Bloc	2 k\$2	3 BlockLim3	Block	3 \$3	4 BlockLim4	Block\$	4	5 BlockLim5	5 Block\$5	В	6 HockLim6	6 Block\$6
TN Lone Oak Water:Res TN Lone Oak Water:Res	Flat rate Quantity-based price	_								9999999999 20	\$ \$	42.030000	999999999	\$	0.726550											
TN Suck Creek Water:Res TN Suck Creek Water:Res	Meter-Based Quantity-based price	\$ 30.60 \$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	\$ 30.60	30.60	0 \$ 30.60	30.60	15	\$		95	\$	0.607310	9999999999	\$	0.455510								
TN Chatt Water: Res TN Chatt Water: Res	Meter-Based Quantity-based price	\$ 13.96 \$ 23.45	\$ 39.01	\$ 78.05	\$ 124.88	\$ 234.52	\$ 390.25	5 \$ 780.50	5 1,248.77	30	\$	0.035660	486	\$	0.565550	3740	\$	0.355310	37400	\$ 0	0.265640	112000	\$ 0.2	203050 9	999999999	\$ 0.120570
TN Chatt Water Lookout Mtn.: Res TN Chatt Water Lookout Mtn.: Res	Meter-Based Quantity-based price	\$ 15.66 \$ 23.45	\$ 39.01	\$ 78.05	\$ 124.89	\$ 234.14	\$ 390.29	5 \$ 780.50	\$ 1,248.77	30	\$	0.132820	486	\$	0.728500	3740	\$	0.518260	37400	\$ 0	0.361830	112000	\$ 0.2	199910 9	999999999	\$ 0.217430
TN Chatt Water Lakeview: Res TN Chatt Water Lakeview: Res	Meter-Based Quantity-based price	\$ 15.66 \$ 23.45	\$ 39.00	\$ 78.05	\$ 124.88	\$ 234.14	\$ 390.29	5 \$ 780.50) \$ 1,248.77	30	\$	0.065640	486	\$	0.623240	3740	\$	0.413010	37400	\$ 0	0.295160	112000	\$ 0.2	232740 9	999999999	\$ 0.150270
TN -Whitwell Res WT INSIDE CITY TN -Whitwell Res WT INSIDE CITY	Quantity-based price Flat rate									20 999999999	\$ \$	20.450000		\$	0.480000	60	\$	0.456000	9999999999	\$ 0	0.419000					
TN Whitwell Res WT OUTSIDE CITY TN Whitwell Res WT OUTSIDE CITY	Quantity-based price Flat rate									20 999999999	\$ \$	23.370000		\$	0.587000	60	\$	0.532000	9999999999	\$ 0	0.437000					

*Data from prior capital rider filings.

Tennessee American Water Company Pre Tax Rate of Return & Revenue Conversion Factors

Last Rate Order:				Notes
PTR = ((WCCE +WCPE) * PTRCF) + WCLTD +WSTD	_	8.45145%	_	8.451452% Calculated Pre-tax Return based on capital structure ratios and cost rates
Reconciliation component		0.0000%		
Weighted Cost of Common Equity (WCCE)		3.4380000%		3.4380000% From Settlement agreement Docket No. 12-00049
Weighted Cost of Preferred Equity (WCPE)		0.0014790%		0.0014790% From Settlement agreement Docket No. 12-00049
Weighted Cost of Long-Term Debt (WCLTD)		3.7620130%		3.7620130% From Settlement agreement Docket No. 12-00049
Weighted Cost of Short- Term Debt (WCSTD) (from Settlement agreement)		0.0330000%		0.0330000% From Settlement agreement Docket No. 12-00049
Gross Revenue Conversion Factor (PTRCF): 1/(1-PPRT)(1-SIT)(1-FIT)		1.35382116		1.35382116
PreTax ROR Conv. Factor				
State Excise Tax		6.5%		0.065 From Settlement agreement Docket No. 12-00049
Balance (1.0065)				0.935
Fed Inc. Tax (.935*.21)		21.0%		0.19635 From Settlement agreement Docket No. 12-00049
Combined Tax Rate (.065 + .19635)				0.26135
Balance (1.026135)				0.73865
PreTax ROR Conv. Factor				<u>1.35382116</u>
Revenue Taxes:				
Uncol. Exp				1.057% From Settlement Agreement - Does not include forfeited discounts
TRA Fee				From House Bill 191
GR Tax				3.000% From Settlement Agreement
Forfeited Discounts			_	-0.866% From Settlement Agreement
Total Rev. Taxes			_	3.1910%
Projection of Annual Revenues from Last Rate Order:			\$	47,073,724 From Settlement agreement Docket No. 12-00049
Projection of Annual Sales from Last Order in 100 Gallons				100,589,065 From Settlement agreement Docket No. 12-00049
Property tax per Settlement Agreement	\$	2,757,695		From Settlement agreement Docket No. 12-00049
Propert tax base per Settlement Agreement	\$	250,455,533		From Settlement agreement Docket No. 12-00049
Property tax rate (Propetty tax divided by tax base)		1.101072%		
Franchise Fee rate per \$100 of Net Investment	\$	0.25		From Settlement agreement Docket No. 12-00049
Franchise Fee % per \$1 of Net Investment		0.25%		
		Ratio		Cost Rate
Company Long Term Debt		52.94%		6.02% From Settlement agreement Docket No. 12-00049
Company Short Term Debt		2.45%		1.00% From Settlement agreement Docket No. 12-00049
Parent Long Term Debt		9.35%		6.15% From Settlement agreement Docket No. 12-00049
Parent Short Term Debt		0.85%		1.00% From Settlement agreement Docket No. 12-00049
Company Preferred Stock		0.00%		10.00% From Settlement agreement Docket No. 12-00049
Company Common Equity		0.00%		0.00% From Settlement agreement Docket No. 12-00049
Parent Preferred Stock		0.03%		4.93% From Settlement agreement Docket No. 12-00049
Parent Common Equity		34.38%		10.00% From Settlement agreement Docket No. 12-00049

		2012									
		1	2	3	4	5	6	7	8	9	10
	560815					(10,846)	(11,258)	(6,972)			(41,934)
GARDEN METER SETTINGS COST											
	560824					(516)	(526)	(228)			
NEW GARDEN METER COST											
						(1,912)					
		(3,486)	(2,324)	(15,672)	(11,231)						
Grand Total		(3,486)	(2,324)	(15,672)	(11,231)	(13,274)	(11,784)	(7,200)	-	-	(41,934)

^{*}Amounts from subledger for recurring projects

7 8
(3,025) (3,000)
(3,025) (3,000)

^{*}Amounts from subledger for recurring projects

						2014					
		9	10	11	12	1	2	3	4	5	6
	560815	(2,682)	(5,532)	(2,466)	3,750	(2,212)	(600)				
GARDEN METER SETTINGS COST											
	560824			(2,400)			(5,362)	(7,716)	(4,650)	(13,261)	
NEW GARDEN METER COST											
Grand Total		(2,682)	(5,532)	(4,866)	3,750	(2,212)	(5,962)	(7,716)	(4,650)	(13,261)	-

^{*}Amounts from subledger for recurring projects

								2015			
		7	8	9	10	11	12	1	2	3	4
	560815										
GARDEN METER SETTINGS COST											
	560824	(1,800)									
NEW GARDEN METER COST											
Grand Total		(1,800)	-	-	-	-	-	-	-	-	-

^{*}Amounts from subledger for recurring projects

		_		-	0	•	40	44	42	Grand Total
	560815	5	6	7	8	9	10	11	12	(143,369)
GARDEN METER SETTINGS COST	560824		(81,388)							- (117,847)
NEW GARDEN METER COST										- (1,912)
Grand Total		-	(81,388)	-	-	-	-	-	-	(32,713) (295,841)
								1/2 A	verage	(36,980.19)
*Amounts from subledger for recurring projects								Multiply by 3 for 1.	5 years	(110,940.56)

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	301000	Organization	B01	Utility Plant Original Cost	A301	Organization	A3011	Organization
ASSC76	101000	302000	Franchises	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3021	Franchises
ASSC76	101000	302100	Franchises Amortizable	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3021	Franchises
ASSC76	101000	303200	Land & Ld Rights SS	B01	Utility Plant Original Cost	A310	Land & Land Rights SS	A3032	Land & Land Rights SS
ASSC76	101000	303300	Land & Ld Rights P	B01	Utility Plant Original Cost	A320	Land & Land Rights P	A3032	Land & Land Rights SS
ASSC76	101000	303400	Land & Ld Rights WT	B01	Utility Plant Original Cost	A330	Land & Land Rights WT	A3033	Land & Land Rights WT
ASSC76	101000	303410	Depletable Ld WT	B01	Utility Plant Original Cost	A330	Land & Land Rights WT	A3033	Land & Land Rights WT
ASSC76	101000	303500	Land & Ld Rights TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303501	Land TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303502	Rights of Way TD	B01	Utility Plant Original Cost	A340	Land & Land Rights TD	A3034	Land & Land Rights TD
ASSC76	101000	303600	Land & Land Rights AG	B01	Utility Plant Original Cost	A389	Land & Land Rights AG	A3035	Land & Land Rights AG
ASSC76	101000	304100	Struct & Imp SS	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304101	Struct & Imp SS-Millbury	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304102	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304103	Struct & Imp SS-Downing	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304104	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	A311	Struct & Improve SS	A3042	Struct & Improve SS
ASSC76	101000	304200	Struct & Imp P	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304201	Struct & Imp Pumps (STL)	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304202	Struct & Imp Pump Booster	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304220	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304221	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304222	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304224	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304225	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304227	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304228	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304229	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304230	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304231	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304233	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304234	Struct & Imp P MA	B01	Utility Plant Original Cost	A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304234	Struct & Imp P MA	B01	Utility Plant Original Cost	A321 A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304236	Struct & Imp P MA	B01	Utility Plant Original Cost	A321 A321	Struct & Improve P	A3042	Struct & Improve SS
ASSC76	101000	304300	Struct & Imp P MA	B01	Utility Plant Original Cost	A321 A331	Struct & Improve P	A3042 A3043	Struct & Improve WT
ASSC76	101000	304301	Struct & Imp WT Depr Pntn	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304301	Struct & Imp WT Paint	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304310	Struct & Imp WT Wate Hand	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304310	Struct & Imp WT Wste Hallu Struct & Imp WT WH Repain	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304312	Struct & Imp WT Nth Plt (B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304321	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304321	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304323	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304324	Struct & Imp WT MA	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304324	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304340	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304350	Struct & Imp WT Sth Plt (B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304360	Struct & Imp WT Meramec (B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304390	Struct & Imp WT Mix & Set	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76 ASSC76	101000	304390	Struct & Imp WT Pur Bldg	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304391	Struct & Imp WT Wsh Wtr T	B01	Utility Plant Original Cost	A331	Struct & Improve WT	A3043	Struct & Improve WT
ASSC76	101000	304400	Struct & Imp VI Wsii Wti I	B01	Utility Plant Original Cost	A331 A341		A3043	
	101000	304410		B01			Struct & Improve TD	A3044 A3044	Struct & Improve TD Struct & Improve TD
ASSC76			Struct & Imp TD Spec Cros		Utility Plant Original Cost	A341	Struct & Improve TD		
ASSC76 ASSC76	101000 101000	304500 304510	Struct & Imp AG	B01 B01	Utility Plant Original Cost	A390 A390	Struct & Improve AG	A3045 A3045	Struct & Improve AG
			Struct & Imp AG Cap Lease		Utility Plant Original Cost		Struct & Improve AG		Struct & Improve AG
ASSC76	101000	304515	Struct & Imp AG Wood	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304520	Struct & Imp AG Masonry	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304600	Struct & Imp Offices	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000 101000	304610	Gen Structures - HVAC	B01 B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304620	Struct & Imp Leasehold	ROI	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	304621	Struct & Imp Leasehold	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304700	Struct & Imp Store, Shop, G	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	304800	Struct & Imp Misc	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3045	Struct & Improve AG
ASSC76	101000	305000	Collect & Impounding	B01	Utility Plant Original Cost	A312	Collecting & Impounding	A3052	Collecting & Impounding
ASSC76	101000	306000	Lake, River & Other Intak	B01	Utility Plant Original Cost	A313	Lake, River & Other Intak	A3062	Lake, River & Other Intak
ASSC76	101000	306001	Intakes Leased	B01	Utility Plant Original Cost	A313	Lake, River & Other Intak	A3062	Lake, River & Other Intak
ASSC76	101000	307000	Wells & Springs	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307001	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307002	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307003	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307004	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307005	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307006	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307007	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307008	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307000	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307010	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307011	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs Wells & Springs	A3072 A3072	Wells & Springs Wells & Springs
ASSC76	101000	307012		B01	, .	A314 A314		A3072 A3072	
	101000		Wells & Springs MA	B01	Utility Plant Original Cost		Wells & Springs		Wells & Springs
ASSC76		307014	Wells & Springs MA		Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307016	Wells & Springs MA	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	307200	Wells Only (LI)	B01	Utility Plant Original Cost	A314	Wells & Springs	A3072	Wells & Springs
ASSC76	101000	308000	Infiltration Galleries &	B01	Utility Plant Original Cost	A315	Infilt Galleries & Tunnel	A3082	Infiltration Galleries &
ASSC76	101000	309000	Supply Mains	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309100	Supply Mains Nth Plt (STL	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309200	Supply Mains Ctrl Plt (ST	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309300	Supply Mains Sth Plt (STL	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	309400	Supply Mains Meramec Plt	B01	Utility Plant Original Cost	A316	Supply Mains	A3092	Supply Mains
ASSC76	101000	310000	Power Generation Equip	B01	Utility Plant Original Cost	A323	Other Power Prod Equip	A3102	Power Generation Equip
ASSC76	101000	310100	Power Generation Equip Ot	B01	Utility Plant Original Cost	A323	Other Power Prod Equip	A3102	Power Generation Equip
ASSC76	101000	310200	Boiler Plant Equipment P	B01	Utility Plant Original Cost	A322	Boiler Plant Equip	A3112	Pumping Equipment SS
ASSC76	101000	311100	Pump Equip Steam	B01	Utility Plant Original Cost	A324	Steam Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311200	Pump Equip Electric	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311210	Pump Equip Elec Pre46 (ST	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311220	Pump Equip Elec Post46 (S	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311230	Pump Equip Elec Boosters	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311250	Pump Equip Electric TD	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311260	Pump Equip Elec TD <=5HP	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311270	Pump Equip Elec TD >5HP	B01	Utility Plant Original Cost	A325	Electric Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311300	Pump Equip Diesel	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311310	Pump Equip Diesel Stratma	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311320	Pump Equip Diesel Ctrl Pl	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311350	Pump Equip Diesel TD	B01	Utility Plant Original Cost	A326	Diesel Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311400	Pump Equip Hydraulic	B01	Utility Plant Original Cost	A327	Hydraulic Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311500	Pump Equip Other	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311501	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311502	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311503	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311504	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311507	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311508	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311509	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311510	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311511	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311512	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311513	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311514	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311515	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
ASSC76	101000	311516	Pump Equip Other MA	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3112	Pumping Equipment SS
			- It ratable agences con-		,		mink march		0 = 1 = 1 = 1 = 1

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	311520	Pumping Equipment SS	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3113	Pumping Equipment WT
ASSC76	101000	311530	Pumping Equipment WT	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3113	Pumping Equipment WT
ASSC76	101000	311540	Pumping Equipment TD	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	311550	Pump Equip Other TD	B01	Utility Plant Original Cost	A328	Other Pump Equip	A3114	Pumping Equipment TD
ASSC76	101000	320100	WT Equip Non-Media	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320110	WT Equip Purification (LI	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320120	WT Equip Non-Med North (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320120	WT Equip Non Media Ctrl 1	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320130	WT Equip Non Media Ctrl 3	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320150	WT Equip Non Media Sth (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320160	WT Equip Non Media Mer (S	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320100	WT Equip Not Weda Wel (5	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320190	WT Equip Set Basin, Clear WT Equip Filter Plant Pip	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320191	WT Equip Wash Water Tank	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320192	WT Equip Wash Water Tank WT Equip Chemical Feed (I	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320200	WT Equip Chemical Feed (F	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320400	WT Equip Vitter Media WT Equip Waste Handling (B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320500	WT Equip Waste Hariding (WT Equip Pur Sys Lg (PA)	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	320500	WT Equip Pur Sys Lg (PA) WT Equip Pur Sys Lg Repai	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3203	Water Treatment Equipment
ASSC76	101000	330000	Dist Reservoirs & Standpi	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304	Dist Reservoirs & Standpi
ASSC76	101000	330000	Dist Reservoirs & Standpi Dist Res & Stand Orig Pai	B01	Utility Plant Original Cost Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi Dist Reservoirs & Standpi
ASSC76	101000	330002	Dist Res & Stand Orig Pai Dist Res & Stand Orig Rep	B01	Utility Plant Original Cost Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi Dist Reservoirs & Standpi
ASSC76	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330021	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330022	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330023	Dist Res & Stand MA	B01	Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330100	Elevated Tanks & Standpip	B01	Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330200	Ground Level Facilities	B01	Utility Plant Original Cost	A342 A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330300	Below Grade Facilities	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	330400	Clearwell	B01	Utility Plant Original Cost	A342	Dist Reservoirs & Standpi	A3304 A3304	Dist Reservoirs & Standpi
ASSC76	101000	331001	TD Mains Not Classified b	B01	Utility Plant Original Cost	A342 A343	TD Mains	A3314	TD Mains
ASSC76	101000	331001	TD Mains (CT)	B01	Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76	101000	331002	TD Mains (CT) TD Mains Paving (LI)	B01	Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76	101000	331100		B01	Utility Plant Original Cost	A343	TD Mains	A3314 A3314	TD Mains
ASSC76	101000	331100	TD Mains 4in & Less TD Mains 4in & Less Nth (B01	Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76		331200	•		, ,				
ASSC76	101000 101000	331210	TD Mains 6in to 8in	B01 B01	Utility Plant Original Cost Utility Plant Original Cost	A343 A343	TD Mains TD Mains	A3314 A3314	TD Mains TD Mains
ASSC76	101000	331210	TD Mains 6in to 10in (TN) TD Mains 6in & Grtr (LI)	B01	Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76	101000	331300	TD Mains 10in to 16in	B01	Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76	101000	331350	TD Mains 12in & Grtr (TN)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76 ASSC76	101000 101000	331400 331500	TD Mains 18in & Grtr	B01 B01	Utility Plant Original Cost Utility Plant Original Cost	A343 A343	TD Mains TD Mains	A3314 A3314	TD Mains TD Mains
ASSC76	101000	331601	TD Mains Bridgeport (CN) TD Mains AC 4in (STL)	B01	Utility Plant Original Cost Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains TD Mains
ASSC76	101000	331601	TD Mains AC 4in (STL) TD Mains CI <10in 1900-28	B01	Utility Plant Original Cost Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76	101000	331602	TD Mains CI <10in 1900-28 TD Mains CI <10in 1929-56	B01	Utility Plant Original Cost Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76	101000	331603	TD Mains CI <10in 1929-56 TD Mains CI <10in 1957-93	B01	Utility Plant Original Cost Utility Plant Original Cost	A343 A343	TD Mains	A3314 A3314	TD Mains
ASSC76 ASSC76	101000 101000	331605 331606	TD Mains CI 12in (STL) TD Mains CI 16in (STL)	B01 B01	Utility Plant Original Cost	A343 A343	TD Mains TD Mains	A3314 A3314	TD Mains TD Mains
			, ,		Utility Plant Original Cost				
ASSC76 ASSC76	101000 101000	331607 331608	TD Mains DI 6in (STL)	B01 B01	Utility Plant Original Cost Utility Plant Original Cost	A343 A343	TD Mains TD Mains	A3314 A3314	TD Mains TD Mains
			TD Mains DI 12in (STL)						
ASSC76	101000	331609	TD Mains DI 16in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331610	TD Mains Galve 1in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331611	TD Mains LJ 20in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331612	TD Main PL 6-8in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331613	TD Main PL 12in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76	101000	331614	TD Main DI 4in (STL)	B01	Utility Plant Original Cost	A343	TD Mains	A3314	TD Mains
ASSC76 ASSC76	101000 101000	331615 331616	TD Mains DI 24in TD Main DI 10in (STL)	B01 B01	Utility Plant Original Cost	A343 A343	TD Mains TD Mains	A3314 A3314	TD Mains TD Mains
ASSC/0	101000	231010	10 Mail Di Tolli (211)	DUI	Utility Plant Original Cost	A343	ID IVIdIIIS	M3314	I D IVIAIIIS

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	332000	Fire Mains	B01	Utility Plant Original Cost	A344	Fire Mains	A3314	TD Mains
ASSC76	101000	333000	Services	B01	Utility Plant Original Cost	A345	Services	A3334	Services
ASSC76	101000	334100	Meters	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334110	Meters Bronze Case	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334120	Meters Plastic Case	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334130	Meters Other	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334131	Meters Other-Rem Rdr Unts	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	334200	Meter Installations	B01	Utility Plant Original Cost	A347	Meter Installations	A3344	Meters & Meter Installati
ASSC76	101000	334201	Meter Installation Other	B01	Utility Plant Original Cost	A347	Meter Installations	A3344	Meters & Meter Installati
ASSC76	101000	334300	Meter Vaults	B01	Utility Plant Original Cost	A346	Meters	A3344	Meters & Meter Installati
ASSC76	101000	335000	Hydrants	B01	Utility Plant Original Cost	A348	Hydrants	A3354	Hydrants
ASSC76	101000	336000	Backflow Prevention Devic	B01	Utility Plant Original Cost	A345	Services	A3364	Backflow Prevention Devic
ASSC76	101000	339100	Other P/E Intangible	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3391	Other Plant & Equip Intan
ASSC76	101000	339200	Other P/E SS	B01	Utility Plant Original Cost	A317	Other Water Source Plant	A3392	Other Plant & Equip SS
ASSC76	101000	339300	Other P/E WT	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3393	Other Plant & Equip WT
ASSC76	101000	339400	Other P/E WT Res Hand Equ	B01	Utility Plant Original Cost	A332	Water Treatment Equip	A3393	Other Plant & Equip WT
ASSC76	101000	339500	Other P/E TD	B01	Utility Plant Original Cost	A349	Other TD Plant	A3394	Other Plant & Equip TD
ASSC76	101000	339600	Other P/E CPS	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3391	Other Plant & Equip Intan
ASSC76	101000	340100	Office Furniture & Equip	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340200	Comp & Periph Equip	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340210	Comp & Periph Mainframe	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340220	Comp & Periph Personal	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340230	Comp & Periph Other	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340240	Comp & Periph Capital Lea	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340300	Computer Software	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340310	Comp Software Mainframe	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340315	Comp Software Special Dep	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340320	Comp Software Personal	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340325	Comp Software Customized	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340330	Comp Software Other	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340400	Data Handling Equipment	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340500	Other Office Equipment	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	340501	Other Off Equip MA	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3405	Office Furniture & Equip
ASSC76	101000	341001	Trans Equip Not Classifie	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341100	Trans Equip Lt Duty Trks	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341200	Trans Equip Hvy Duty Trks	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341300	Trans Equip Autos	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	341400	Trans Equip Other	B01	Utility Plant Original Cost	A392	Transportation Equip	A3415	Transportation Equip
ASSC76	101000	342000	Stores Equipment	B01	Utility Plant Original Cost	A393	Stores Equipment	A3425	Stores Equipment
ASSC76	101000	343000	Tools,Shop,Garage Equip	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3435	Tools, Shop, Garage Equip
ASSC76	101000	343100	Tools,Shop,Garage Equip O	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3435	Tools, Shop, Garage Equip
ASSC76	101000	344000	Laboratory Equipment	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3445	Laboratory Equipment
ASSC76	101000	344100	Laboratory Equip Other	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3445	Laboratory Equipment
ASSC76	101000	345000	Power Operated Equipment	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3455	Power Operated Equip
ASSC76	101000	345100	Power Oper Equip Other	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3455	Power Operated Equip
ASSC76	101000	346000	Comm Equip Not Classified	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346100	Comm Equip Non-Telephone	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346190	Remote Control & Instrume	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346200	Comm Equip Telephone	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	346300	Comm Equip Other	B01	Utility Plant Original Cost	A397	Communication Equip	A3465	Communication Equip
ASSC76	101000	347000	Misc Equipment	B01	Utility Plant Original Cost	A398	Misc Equipment	A3475	Miscellaneous Equip
ASSC76	101000	348000	Other Tangible Property	B01	Utility Plant Original Cost	A399	Other Tangible Property	A3485	Other Tangible Plant
ASSC76	101000	351000	WW Organization	B01	Utility Plant Original Cost	A301	Organization	A3511	WW Organization
ASSC76	101000	352000	WW Franchises	B01	Utility Plant Original Cost	A302	Franchises & Consents	A3521	WW Franchises
ASSC76	101000	352200	WW Other Intangible Plt	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3521	WW Franchises
ASSC76	101000	353200	WW Land & Ld Rights Coll	B01	Utility Plant Original Cost	A350	WW Land & Ld Rights Coll	A3532	WW Land & Ld Rights Coll
ASSC76	101000	353300	WW Land & Ld Rights SPP	B01	Utility Plant Original Cost	A360	WW Land & Ld Rights SPP	A3533	WW Land & Ld Rights SPP
ASSC76	101000	353400	WW Land & Ld Rights TDP	B01	Utility Plant Original Cost	A370	WW Land & Ld Rights TDP	A3534	WW Land & Ld Rights TDP
ASSC76	101000	353500	WW Land & Ld Rights Gen	B01	Utility Plant Original Cost	A389	Land & Land Rights AG	A3537	WW Land & Ld Rights Gen

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC76	101000	354200	WW Struct & Imp Coll	B01	Utility Plant Original Cost	A351	WW Struct & Imp Coll	A3542	WW Struct & Imp Coll
ASSC76	101000	354300	WW Struct & Imp SPP	B01	Utility Plant Original Cost	A361	WW Struct & Imp SPP	A3543	WW Struct & Imp SPP
ASSC76	101000	354400	WW Struct & Imp TDP	B01	Utility Plant Original Cost	A371	WW Struct & Imp TDP	A3544	WW Struct & Imp TDP
ASSC76	101000	354500	WW Struct & Imp Gen	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354510	WW Struct & Imp Gen Lease	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354515	WW Struct & Imp AG Wood	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354520	WW Struct & Imp AG Masonr	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	354530	WW Struct & Imp AG Fencin	B01	Utility Plant Original Cost	A390	Struct & Improve AG	A3547	WW Struct & Imp Gen
ASSC76	101000	355200	WW Pwr Gen Equip Coll	B01	Utility Plant Original Cost	A356	WW Other Equip Coll	A3552	WW Pwr Gen Equip Coll
ASSC76	101000	355300	WW Pwr Gen Equip SPP	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3553	WW Pwr Gen Equip SPP
ASSC76	101000	355400	WW Pwr Gen Equip TDP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3554	WW Pwr Gen Equip TDP
ASSC76	101000	355500	WW Pwr Gen Equip RWTP	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3555	WW Pwr Gen Equip RWTP
ASSC76	101000	355600	WW Pwr Gen Equip RWDP	B01	Utility Plant Original Cost	A372 A372	WW TD Equipment	A3556	WW Pwr Gen Equip RWDP
ASSC76	101000	360000	WW Collection Sewers Forc	B01	Utility Plant Original Cost	A3521	WW Collection Sewers Forc	A3602	WW Collection Sewers Forc
ASSC76	101000	361100	WW Collecting Mains	B01	Utility Plant Original Cost	A3521	WW Collecting Mains	A3612	WW Collection Sewers Grav
			=				-		WW Collection Sewers Grav
ASSC76	101000	361101	WW Collecting Mains Other	B01	Utility Plant Original Cost	A352	WW Collecting Mains	A3612	
ASSC76	101000	362000	WW Special Coll Struct	B01	Utility Plant Original Cost	A3523	WW Special Coll Struct	A3622	WW Special Coll Struct
ASSC76	101000	363000	WW Services Sewer	B01	Utility Plant Original Cost	A353	WW Services Sewer	A3632	WW Services Sewer
ASSC76	101000	364000	WW Flow Measuring Devices	B01	Utility Plant Original Cost	A354	WW Flow Measuring Devices	A3642	WW Flow Measuring Devices
ASSC76	101000	365000	WW Flow Measuring Install	B01	Utility Plant Original Cost	A355	WW Flow Measuring Install	A3652	WW Flow Measuring Install
ASSC76	101000	370000	WW Receiving Wells	B01	Utility Plant Original Cost	A362	WW Receiving Wells	A3703	WW Receiving Wells
ASSC76	101000	371100	WW Pump Equip Elect	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371160	WW Pump Eq Elec <+5HP	B01	Utility Plant Original Cost	A363	WW Elec Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371170	WW Pump Eq Elec >5HP	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371200	WW Pump Equip Oth Pwr	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	371300	WW Pump Equip Misc	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3713	WW Pumping Equipment
ASSC76	101000	380000	WW TD Equipment	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380050	WW TD Equip Grit Removal	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380100	WW TD Equip Sed Tanks/Acc	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380200	WW TD Equip Sldge/Effl Rm	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380250	WW TD Equip Sldge Dig Tnk	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380300	WW TD Equip Sldge Dry/Fil	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380350	WW TD Equip Sec Trmt Filt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380400	WW TD Equip Aux Effl Trmt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380450	WW TD Equip Oth Sew Rem	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380500	WW TD Equip Chem Trmt Plt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380600	WW TD Equip Oth Disp	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380625	WW TD Equip Gen Trmt	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	380650	WW TD Equip Influent Lift	B01	Utility Plant Original Cost	A372	WW TD Equipment	A3804	WW TD Equipment
ASSC76	101000	381000	WW Plant Sewers	B01	Utility Plant Original Cost	A373	WW Plant Sewers	A3814	WW Plant Sewers
ASSC76	101000	382000	WW Outfall Sewer Lines	B01	Utility Plant Original Cost	A374	WW Outfall Sewer Lines	A3824	WW Outfall Sewer Lines
ASSC76	101000	389100	WW Oth Plt & Misc Equip I	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3891	WW Oth Plt&Misc Eq Intang
ASSC76	101000	389200	WW Oth Plt & Misc Equip C	B01	Utility Plant Original Cost	A356	WW Other Equip Coll	A3892	WW Oth Plt&Misc Eq Coll
ASSC76	101000	389300	WW Oth Plt & Misc Equip S	B01	Utility Plant Original Cost	A365	WW Other Pump Equip SPP	A3893	WW Oth Plt&Misc Eq SPP
ASSC76	101000	389400	WW Oth Plt & Misc Equip T	B01	Utility Plant Original Cost	A375	WW Other TD Equip	A3894	WW Oth Plt&Misc Eq TDP
ASSC76	101000	389600	WW Other P/E-CPS	B01	Utility Plant Original Cost	A303	Misc Intangible Plant	A3891	WW Oth Plt&Misc Eq Intang
ASSC76	101000	390000	WW Office Furniture & Equ	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	390200	WW Computers & Peripheral	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	390300	WW Computer Software	B01	Utility Plant Original Cost	A391	Office Furniture & Equip	A3907	WW Office Furniture & Equ
ASSC76	101000	391000	WW Trans Equipment	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	391100	WW Trans Equip Lt Dty Trk	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	391200	WW Trans Equip Hvy Dty Tr	B01	Utility Plant Original Cost	A392	Transportation Equip	A3917	WW Transportation Equip
ASSC76	101000	392000	WW Stores Equipment	B01	Utility Plant Original Cost	A393	Stores Equipment	A3927	WW Stores Equip
ASSC76	101000	393000	WW Tool Shop & Garage Equ	B01	Utility Plant Original Cost	A394	Tools, Shop, Garage Equip	A3937	WW Tools,Shop,Garage Equi
ASSC76	101000	394000	WW Laboratory Equipment	B01	Utility Plant Original Cost	A395	Laboratory Equipment	A3947	WW Laboratory Equipment
ASSC76	101000	395000	WW Power Operated Equip	B01	Utility Plant Original Cost	A396	Power Oper Equipment	A3957	WW Power Operated Equip
ASSC76	101000	396000	WW Communication Equip	B01	Utility Plant Original Cost	A397	Communication Equip	A3967	WW Communications Equip
ASSC76	101000	397000	WW Misc Equipment	B01	Utility Plant Original Cost	A397 A398	Misc Equipment	A3977	WW Misc Equipment
ASSC76	101000	398000	WW Other Tangible Plant	B01	Utility Plant Original Cost	A399	Other Tangible Property	A3987	WW Other Tangible Propert
A33C/U	101000	330000	** ** Other rangible riant	501	Centry Flant Original Cost	A333	Other rangible Property	A3701	**** Other rangible Propert

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	301000	Organization	B01	Utility Plant Original Cost	B3011	Organization	B301	Organization
ASSC84	101000	302000	Franchises	B01	Utility Plant Original Cost	B3021	Franchises	B302	Franchises and Consents
ASSC84	101000	302100	Franchises Amortizable	B01	Utility Plant Original Cost	B3021	Franchises	B302	Franchises and Consents
ASSC84	101000	303200	Land & Ld Rights SS	B01	Utility Plant Original Cost	B3032	Land & Land Rights SS	B306	Land and Land Rights
ASSC84	101000	303300	Land & Ld Rights P	B01	Utility Plant Original Cost	B3032	Land & Land Rights SS	B306	Land and Land Rights
ASSC84	101000	303400	Land & Ld Rights WT	B01	Utility Plant Original Cost	B3033	Land & Land Rights WT	B306	Land and Land Rights
ASSC84	101000	303410	Depletable Ld WT	B01	Utility Plant Original Cost	B3033	Land & Land Rights WT	B306	Land and Land Rights
ASSC84	101000	303500	Land & Ld Rights TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303501	Land TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303502	Rights of Way TD	B01	Utility Plant Original Cost	B3034	Land & Land Rights TD	B306	Land and Land Rights
ASSC84	101000	303600	Land & Land Rights AG	B01	Utility Plant Original Cost	B3035	Land & Land Rights AG	B306	Land and Land Rights
ASSC84	101000	304100	Struct & Imp SS	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304101	Struct & Imp SS-Millbury	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304102	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304103	Struct & Imp SS-Downing	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304104	Struct & Imp SS-Free St	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B311	Structures and Improvemen
ASSC84	101000	304200	Struct & Imp P	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304201	Struct & Imp Pumps (STL)	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304202	Struct & Imp Pump Booster	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304220	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304221	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304222	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304224	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304225	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304227	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304228	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304229	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304230	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304231	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304233	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304234	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304235	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304236	Struct & Imp P MA	B01	Utility Plant Original Cost	B3042	Struct & Improve SS	B321	Structures and Improvemen
ASSC84	101000	304300	Struct & Imp WT	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304301	Struct & Imp WT Depr Pntn	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304302	Struct & Imp WT Paint	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304310	Struct & Imp WT Wste Hand	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304312	Struct & Imp WT WH Repain	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304320	Struct & Imp WT Nth Plt (B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304321	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304322	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304323	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304324	Struct & Imp WT MA	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304330	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304340	Struct & Imp WT Ctrl Plt	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304350	Struct & Imp WT Sth Plt (B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304360	Struct & Imp WT Meramec (B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304390	Struct & Imp WT Mix & Set	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304391	Struct & Imp WT Pur Bldg	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304392	Struct & Imp WT Wsh Wtr T	B01	Utility Plant Original Cost	B3043	Struct & Improve WT	B331	Structures and Improvemen
ASSC84	101000	304400	Struct & Imp TD	B01	Utility Plant Original Cost	B3044	Struct & Improve TD	B341	Structures and Improvemen
ASSC84	101000	304410	Struct & Imp TD Spec Cros	B01	Utility Plant Original Cost	B3044	Struct & Improve TD	B341	Structures and Improvemen
ASSC84	101000	304500	Struct & Imp AG	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304510	Struct & Imp AG Cap Lease	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304515	Struct & Imp AG Wood	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304520	Struct & Imp AG Masonry	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304600	Struct & Imp Offices	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304610	Gen Structures - HVAC	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304620	Struct & Imp Leasehold	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	304621	Struct & Imp Leasehold	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304700	Struct & Imp Store, Shop, G	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	304800	Struct & Imp Misc	B01	Utility Plant Original Cost	B3045	Struct & Improve AG	B371	Structures and Improvemen
ASSC84	101000	305000	Collect & Impounding	B01	Utility Plant Original Cost	B3052	Collecting & Impounding	B312	Collecting and Impounding
ASSC84	101000	306000	Lake, River & Other Intak	B01	Utility Plant Original Cost	B3062	Lake, River & Other Intak	B313	Lake, River and Other Int
ASSC84	101000	306001	Intakes Leased	B01	Utility Plant Original Cost	B3062	Lake, River & Other Intak	B313	Lake, River and Other Int
ASSC84	101000	307000	Wells & Springs	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307001	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307002	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307003	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307004	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307005	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307005	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307007	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307007	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307008	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs Wells & Springs	B315	Wells
ASSC84	101000	307010	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs Wells & Springs	B315	Wells
	101000			B01	Utility Plant Original Cost	B3072 B3072		B315 B315	Wells
ASSC84 ASSC84		307012 307013	Wells & Springs MA	B01	, ,	B3072 B3072	Wells & Springs	B315 B315	Wells
	101000		Wells & Springs MA		Utility Plant Original Cost		Wells & Springs		
ASSC84	101000	307014	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307016	Wells & Springs MA	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	307200	Wells Only (LI)	B01	Utility Plant Original Cost	B3072	Wells & Springs	B315	Wells
ASSC84	101000	308000	Infiltration Galleries &	B01	Utility Plant Original Cost	B3082	Infilt Galleries & Tunnel	B314	Springs and Tunnels
ASSC84	101000	309000	Supply Mains	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309100	Supply Mains Nth Plt (STL	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309200	Supply Mains Ctrl Plt (ST	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309300	Supply Mains Sth Plt (STL	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	309400	Supply Mains Meramec Plt	B01	Utility Plant Original Cost	B3092	Supply Mains	B316	Supply Mains
ASSC84	101000	310000	Power Generation Equip	B01	Utility Plant Original Cost	B3102	Power Generation Equip	B323	Other Power Production Eq
ASSC84	101000	310100	Power Generation Equip Ot	B01	Utility Plant Original Cost	B3102	Power Generation Equip	B323	Other Power Production Eq
ASSC84	101000	310200	Boiler Plant Equipment P	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B322	Boiler Plant Equipment
ASSC84	101000	311100	Pump Equip Steam	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311200	Pump Equip Electric	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311210	Pump Equip Elec Pre46 (ST	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311220	Pump Equip Elec Post46 (S	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311230	Pump Equip Elec Boosters	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311250	Pump Equip Electric TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311260	Pump Equip Elec TD <=5HP	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311270	Pump Equip Elec TD >5HP	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311300	Pump Equip Diesel	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311310	Pump Equip Diesel Stratma	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311320	Pump Equip Diesel Ctrl Pl	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311350	Pump Equip Diesel TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311400	Pump Equip Hydraulic	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311500	Pump Equip Other	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311501	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311502	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311503	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311504	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311507	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311508	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311509	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311510	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311510	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311511	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311512	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311513	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311514	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112 B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311516	Pump Equip Other MA	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
A33C04	101000	311310	. amp Equip Other IVIA	201	Canty Flant Oliginal Cost	03112	r amping Equipment	D324	i amping Equipment

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	311520	Pumping Equipment SS	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311530	Pumping Equipment WT	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B332	Water Treatment Equipment
ASSC84	101000	311540	Pumping Equipment TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	311550	Pump Equip Other TD	B01	Utility Plant Original Cost	B3112	Pumping Equipment	B324	Pumping Equipment
ASSC84	101000	320100	WT Equip Non-Media	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320110	WT Equip Purification (LI	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320120	WT Equip Non-Med North (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320130	WT Equip Non Media Ctrl 1	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320140	WT Equip Non Media Ctrl 3	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320150	WT Equip Non Media Sth (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320160	WT Equip Non Media Mer (S	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320190	WT Equip Set Basin,Clear	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320191	WT Equip Filter Plant Pip	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320192	WT Equip Wash Water Tank	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320193	WT Equip Chemical Feed (I	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320200	WT Equip Filter Media	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320400	WT Equip Waste Handling (B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320500	WT Equip Pur Sys Lg (PA)	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	320502	WT Equip Pur Sys Lg Repai	B01	Utility Plant Original Cost	B3203	Water Treatment Equipment	B332	Water Treatment Equipment
ASSC84	101000	330000	Dist Reservoirs & Standpi	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330002	Dist Res & Stand Orig Pai	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330002	Dist Res & Stand Orig Rep	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330020	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342 B342	Resorviours and Tanks
ASSC84	101000	330021	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330022	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330023	Dist Res & Stand MA	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330100	Elevated Tanks & Standpip	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342 B342	Resorviours and Tanks
ASSC84	101000	330200	Ground Level Facilities	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342 B342	Resorviours and Tanks
ASSC84	101000	330300	Below Grade Facilities	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
ASSC84	101000	330400	Clearwell	B01	Utility Plant Original Cost	B3304	Dist Reservoirs & Standpi	B342	Resorviours and Tanks
			TD Mains Not Classified b		, ,		•		
ASSC84	101000	331001 331002		B01 B01	Utility Plant Original Cost	B3314	TD Mains	B343 B343	Transmission and Distribu
ASSC84 ASSC84	101000 101000	331002	TD Mains (CT)	B01	Utility Plant Original Cost Utility Plant Original Cost	B3314 B3314	TD Mains TD Mains	B343	Transmission and Distribu Transmission and Distribu
			TD Mains Paving (LI)	B01	· -			B343	
ASSC84	101000	331100 331101	TD Mains 4in & Less	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000		TD Mains 4in & Less Nth (Utility Plant Original Cost	B3314	TD Mains		Transmission and Distribu
ASSC84	101000	331200	TD Mains 6in to 8in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331210 331230	TD Mains 6in to 10in (TN)	B01 B01	Utility Plant Original Cost	B3314 B3314	TD Mains TD Mains	B343 B343	Transmission and Distribu Transmission and Distribu
ASSC84	101000 101000	331300	TD Mains 6in & Grtr (LI) TD Mains 10in to 16in	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84 ASSC84	101000	331350	TD Mains 12in & Grtr (TN)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84		331400	, ,	B01	Utility Plant Original Cost Utility Plant Original Cost	B3314		B343	
ASSC84	101000 101000	331500	TD Mains 18in & Grtr	B01	Utility Plant Original Cost	B3314	TD Mains TD Mains	B343	Transmission and Distribu Transmission and Distribu
ASSC84	101000	331601	TD Mains Bridgeport (CN) TD Mains AC 4in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
			, ,		, ,				
ASSC84	101000	331602	TD Mains CI <10in 1900-28	B01	Utility Plant Original Cost	B3314 B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000 101000	331603	TD Mains CI <10in 1929-56 TD Mains CI <10in 1957-93	B01	Utility Plant Original Cost		TD Mains	B343	Transmission and Distribu
ASSC84		331604		B01 B01	Utility Plant Original Cost	B3314	TD Mains	B343 B343	Transmission and Distribu
ASSC84 ASSC84	101000 101000	331605 331606	TD Mains CI 12in (STL) TD Mains CI 16in (STL)	B01	Utility Plant Original Cost Utility Plant Original Cost	B3314 B3314	TD Mains TD Mains	B343 B343	Transmission and Distribu
ASSC84	101000	331607		B01	· -	B3314	TD Mains	B343	Transmission and Distribu Transmission and Distribu
ASSC84	101000	331607	TD Mains DI 6in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
			TD Mains DI 12in (STL)		Utility Plant Original Cost				
ASSC84	101000	331609	TD Mains DI 16in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331610	TD Mains Galve 1in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343 B343	Transmission and Distribu
ASSC84	101000	331611	TD Mains LJ 20in (STL)	B01	Utility Plant Original Cost	B3314 B3314	TD Mains	B343 B343	Transmission and Distribu
ASSC84	101000	331612	TD Main PL 6-8in (STL)	B01	Utility Plant Original Cost		TD Mains		Transmission and Distribu
ASSC84	101000	331613	TD Main PL 12in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84	101000	331614	TD Main DI 4in (STL)	B01	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu
ASSC84 ASSC84	101000 101000	331615	TD Mains DI 24in	B01 B01	Utility Plant Original Cost	B3314 B3314	TD Mains	B343 B343	Transmission and Distribu
A55C84	101000	331616	TD Main DI 10in (STL)	ROI	Utility Plant Original Cost	B3314	TD Mains	B343	Transmission and Distribu

GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSC84	101000	332000	Fire Mains	B01	Utility Plant Original Cost	B3314	TD Mains	B344	Fire Mains
ASSC84	101000	333000	Services	B01	Utility Plant Original Cost	B3334	Services	B345	Services
ASSC84	101000	334100	Meters	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334110	Meters Bronze Case	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334120	Meters Plastic Case	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334130	Meters Other	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334131	Meters Other-Rem Rdr Unts	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	334200	Meter Installations	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B347	Meter Installations
ASSC84	101000	334201	Meter Installation Other	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B347	Meter Installations
ASSC84	101000	334300	Meter Vaults	B01	Utility Plant Original Cost	B3344	Meters & Meter Installati	B346	Meters
ASSC84	101000	335000	Hydrants	B01	Utility Plant Original Cost	B3354	Hydrants	B348	Hydrants
ASSC84	101000	336000	Backflow Prevention Devic	B01	Utility Plant Original Cost	B3334	Services	B345	Services
ASSC84	101000	339100	Other P/E Intangible	B01	Utility Plant Original Cost	B3391	Other Plant & Equip Intan	B303	Other intangible Plant
ASSC84	101000	339200	Other P/E SS	B01	Utility Plant Original Cost	B3392	Other Plant & Equip SS	B317	Other Source of Supply PI
ASSC84	101000	339300	Other P/E WT	B01	Utility Plant Original Cost	B3393	Other Plant & Equip WT	B332	Water Treatment Equipment
ASSC84	101000	339400	Other P/E WT Res Hand Equ	B01	Utility Plant Original Cost	B3393	Other Plant & Equip WT	B332	Water Treatment Equipment
ASSC84	101000	339500	Other P/E TD	B01	Utility Plant Original Cost	B3394	Other Plant & Equip TD	B349	Other Transmission and Di
ASSC84	101000	339600	Other P/E CPS	B01	Utility Plant Original Cost	B3391	Other Plant & Equip Intan	B303	Other intangible Plant
ASSC84	101000	340100	Office Furniture & Equip	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340200	Comp & Periph Equip	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340210	Comp & Periph Mainframe	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340220	Comp & Periph Personal	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340230	Comp & Periph Other	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340240	Comp & Periph Capital Lea	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340300	Computer Software	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340310	Comp Software Mainframe	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340315	Comp Software Special Dep	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340320	Comp Software Personal	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340325	Comp Software Customized	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340330	Comp Software Other	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340400	Data Handling Equipment	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340500	Other Office Equipment	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	340501	Other Off Equip MA	B01	Utility Plant Original Cost	B3405	Office Furniture & Equip	B372	Office Furniture and Equi
ASSC84	101000	341001	Trans Equip Not Classifie	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341100	Trans Equip Lt Duty Trks	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341200	Trans Equip Hvy Duty Trks	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341300	Trans Equip Autos	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	341400	Trans Equip Other	B01	Utility Plant Original Cost	B3415	Transportation Equip	B373	Transportation Equipment
ASSC84	101000	342000	Stores Equipment	B01	Utility Plant Original Cost	B3425	Stores Equipment	B374	Stores Equipment
ASSC84	101000	343000	Tools,Shop,Garage Equip	B01	Utility Plant Original Cost	B3435	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	343100	Tools,Shop,Garage Equip O	B01	Utility Plant Original Cost	B3435	Tools, Shop, Garage Equip	B378	Tools, Shop and Garage Eq
ASSC84	101000	344000	Laboratory Equipment	B01	Utility Plant Original Cost	B3445	Laboratory Equipment	B375	Laboratory Equipment
ASSC84	101000	344100	Laboratory Equip Other	B01	Utility Plant Original Cost	B3445	Laboratory Equipment	B375	Laboratory Equipment
ASSC84	101000	345000	Power Operated Equipment	B01	Utility Plant Original Cost	B3455	Power Operated Equip	B377	Power Operated Equipment
ASSC84	101000	345100	Power Oper Equip Other	B01	Utility Plant Original Cost	B3455	Power Operated Equip	B377	Power Operated Equipment
ASSC84	101000	346000	Comm Equip Not Classified	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346100	Comm Equip Non-Telephone	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346190	Remote Control & Instrume	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346200	Comm Equip Telephone	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	346300	Comm Equip Other	B01	Utility Plant Original Cost	B3465	Communication Equip	B376	Communication Equipment
ASSC84	101000	347000	Misc Equipment	B01	Utility Plant Original Cost	B3475	Miscellaneous Equip	B379	Other General Plant
ASSC84	101000	348000	Other Tangible Property	B01	Utility Plant Original Cost	B3485	Other Tangible Plant	B379	Other General Plant
ASSC84	101000	351000	WW Organization	B01	Utility Plant Original Cost	B3511	Organization SWR	B301	Organization
ASSC84	101000	352000	WW Franchises	B01	Utility Plant Original Cost	B3521	Franchises SWR	B302	Franchises and Consents
ASSC84	101000	352200	WW Other Intangible Plt	B01	Utility Plant Original Cost	B3521	Franchises SWR	B303	Other intangible Plant
ASSC84	101000	353200	WW Land & Ld Rights Coll	B01	Utility Plant Original Cost	B3532	Land & Ld Rights Coll SWR	B306	Land and Land Rights
ASSC84	101000	353300	WW Land & Ld Rights SPP	B01	Utility Plant Original Cost	B3533	Land & Ld Rights SPP SWR	B306	Land and Land Rights
ASSC84	101000	353400	WW Land & Ld Rights TDP	B01	Utility Plant Original Cost	B3534	Land & Ld Rights TDP SWR	B306	Land and Land Rights
ASSC84	101000	353500	WW Land & Ld Rights Gen	B01	Utility Plant Original Cost	B3535	Land & Ld Rights Gen SWR	B306	Land and Land Rights

ASSCAR 201000 84-900 WW Strack in process ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Proce for Equip PVP BO1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Process Foreign Bo1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Process Foreign Bo1 Utility Print Original Cost 18-900 ASSCAR 101000 84-900 WW Process Foreign Bo1 Utilit	GMMCU	GMOBJ	GMSUB	GMDL01	GMR004	GMR00401	GMR021	GMR02101	GMR022	GMR02201
ASSCR 10100 25400 WW Street & Imp TOP DEL Utility Plant Original Cost 13544 Street & Imp Gene 1001 ASSCR 10100 35400 WW Street & Imp Gene 1001 Utility Plant Original Cost 13545 Street & Imp Gene 1001 ASSCR 10100 35450 WW Street & Imp Gene 1001 Utility Plant Original Cost 13545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 35450 WW Street & Imp Gene 1001 Utility Plant Original Cost 13545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 35450 WW Farce & Imp Gene 1001 Utility Plant Original Cost 13545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 35450 WW Farce & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street even and Improvement ASSCR 10100 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3371 Street & Imp Gene 1001 Utility Plant Original Cost 33545 Street & Imp Gene 5WN 3324 Street & Imp Gene 5WN 3324 Street & Imp Gene 5WN 3324 Street & Imp	ASSC84	101000	354200	WW Struct & Imp Coll	B01	Utility Plant Original Cost	B3542	Struct & Imp Coll SWR	B311	Structures and Improvemen
ASSCAR 10,1000 3-5450 WW Shreet & Imp Gen Lease Did Utility Plant Original Cost 135-55 Struct, & Imp Gen William Structures and Improvement ASSCAR 10,1000 3-54515 WW Shreet & Imp Gen Lease Did Utility Plant Original Cost 135-55 Struct, & Imp Gen William Structures and Improvement ASSCAR 10,1000 3-54515 WW Shreet & Imp Gen Lease Did Utility Plant Original Cost 135-55 Struct, & Imp Gen William Structures and Improvement ASSCAR 10,1000 3-54510 WW Shreet & Imp Gen Lease Did Utility Plant Original Cost 135-55 Struct, & Imp Gen William Structures and Improvement ASSCAR 10,1000 3-53500 WW Par-Gen Equip Did Utility Plant Original Cost 137-13 Plant Original C	ASSC84	101000	354300	WW Struct & Imp SPP	B01	Utility Plant Original Cost	B3543	Struct & Imp SPP SWR	B321	Structures and Improvemen
ASSCIA 10100 34515 WW Short & Imp Gen Lease 901 Usilly Plant Original Cost 13545 Struct & Imp Gen SWI 8771 Structures and Improvemen ASSCIA 10100 34520 WW Short & Imp An Amount WW	ASSC84	101000	354400	WW Struct & Imp TDP	B01	Utility Plant Original Cost	B3544	Struct & Imp TDP SWR	B341	Structures and Improvemen
ASSCR4 10100 354510 WV Struct & Imp AG Mesonr 101 Utility Plant Grigated Cost 83545 Struct & Imp Gen SWR 8371 Structures and Improvemen ASSCR4 10100 354510 WV Struct & Imp AG Fencin 101 Utility Plant Grigated Cost 83545 Struct & Imp Gen SWR 8371 Structures and Improvemen ASSCR4 10100 354510 WV Per Cent Equip SPP 801 Utility Plant Grigated Cost 83713 Purping Equipment SWR 823 Other Power Production is quite and the production and the production and the production and the production and the producti	ASSC84	101000	354500	WW Struct & Imp Gen	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSEAB 202000 354520 WM Struck Birmy AG Meason 90.1 Usiliy Plant Grighal Cost 35345 Struck Birmy Gen SWR 937.1 Structures and Improvemen ASSCAR 102000 355200 WW Por Gen Equip Coll 60.1 Usiliy Plant Grighal Cost 3237.3 Pumping Equipment SWR 823.2 Other Power Production Eq ASSCAR 102000 355200 WW Por Gen Equip Coll 10.1 Usiliy Plant Grighal Cost 3237.3 Pumping Equipment SWR 823.2 Other Power Production Eq ASSCAR 1021000 355000 WW Por Gen Equip RWIP 90.1 Usiliy Plant Grighal Cost 387.31 Pumping Equipment SWR 832.3 Other Power Production Eq ASSCAR 102100 35000 WW Colection Sweet For Cost 00.1 Usiliy Plant Grighal Cost 387.3 Pumping Equipment SWR 832.3 Other Power Production Eq ASSCAR 1021000 351010 WW Collection Sweet For Cost 00.1 Usiliy Plant Grighal Cost 387.31 Pumping Equipment SWR 832.5 Other Cower Production Eq ASSCAR 1021000 351000	ASSC84	101000	354510	WW Struct & Imp Gen Lease	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSCR4 101000 355400 WV Per Cent Fugus Foll	ASSC84	101000	354515	WW Struct & Imp AG Wood	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84 101000 355200 We Per Gen Equip SIP 801 Utility Plant Original Cost 89313 Pumping Equipment SWR 8323 Other Power Production Eq. ASSC84 101000 355400 WW Per Gen Equip TOTP 801 Utility Plant Original Cost 89313 Pumping Equipment SWR 8323 Other Power Production Eq. ASSC84 101000 35500 WW Per Gen Equip NVTP 801 Utility Plant Original Cost 83713 Pumping Equipment SWR 8323 Other Power Production Eq. ASSC84 101000 36100 WW Per Gen Equip NVTP 801 Utility Plant Original Cost 83713 Pumping Equipment SWR 822 Other Power Production Eq. ASSC84 1010000 361100 WW Collecting Mains 801 Utility Plant Original Cost 88512 Collection Sweets Strainly 816 Supply Mains ASSC84 1010000 361000 WW Per Gen Equip New Year 801 Utility Plant Original Cost 88512 Specificity Sweets Sweets Swrainly 816 Supply Mains ASSC84 1010000 360000 WW Per Gen Equip N	ASSC84	101000	354520	WW Struct & Imp AG Masonr	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSCB4 101000 355300 Www Gen Equip 19PP B01 Utility Plant Original Cost 83713 Pumping Equipment SWR 8323 Other Power Production Eq ASSCB4 101000 355500 Www Per Gen Equip NVTP 801 Utility Plant Original Cost 83713 Pumping Equipment SWR 8323 Other Power Production Eq ASSCB4 101000 35500 Www Free Equip NVTP 801 Utility Plant Original Cost 83713 Pumping Equipment SWR 8323 Other Power Production Eq ASSCB4 101000 36000 Www Collection Severs Force 801 Utility Plant Original Cost 83020 Collection Severs Force's 8315 Supply Mains ASSCB4 101000 36000 Www Form Security 801 Utility Plant Original Cost 83012 Collection Severs Force's 8315 Supply Mains ASSCB4 1010000 36000 Www Form Security Reviews 801 Utility Plant Original Cost 83022 Several Collection Severs Force's 8316 Several Collection Severs Force's 8316 Several Collection Severs Force's 8316 Several	ASSC84	101000	354530	WW Struct & Imp AG Fencin	B01	Utility Plant Original Cost	B3545	Struct & Imp Gen SWR	B371	Structures and Improvemen
ASSC84 1010000 355400 Www Gen Equip NTPP 801 Utility Plant Original Cost 83713 Pumping Equipment SWR 8232 Other Power Production Eq ASSC84 101000 355000 WW Pwr Gen Equip NYDP 801 Utility Plant Original Cost 83713 Pumping Equipment SWR 8232 Other Power Production Eq ASSC84 101000 36000 WW Collection Sweets Force 801 Utility Plant Original Cost 83912 Pumping Equipment SWR 8323 Other Power Production Eq ASSC84 101000 361010 WW Collection Sweets Sweet 801 Utility Plant Original Cost 83602 Collection Sweets Gravity 8316 Supply Mains ASSC84 101000 362000 WW Services Seed Profestes 801 Utility Plant Original Cost 88962 Special Collection Sweet Gravity 8316 Supply Mains ASSC84 101000 360000 WW Services Seed Profestes 801 Utility Plant Original Cost 88962 Special Collection Sweet Gravity 8316 Sweets ASSC84 1010000 37000 WW Services See	ASSC84	101000	355200	WW Pwr Gen Equip Coll	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
ASSCB4 1010000 35500 We Per Gen Equip PRVIPP B01 Utility Plant Original Cost B323 Pumping Equipment SVM B333 Other Power Production Eq. ASSCB4 101000 360000 WW De Fore Equip PRVIPP B01 Utility Plant Original Cost B321 Collection Severs Force \$5 B316 Supply Mains ASSCB4 101000 361010 WW Collecting Mains Description of Cost B3612 Collection Severs Force \$5 B316 Supply Mains ASSCB4 101000 361001 WW Collecting Mains Other 801 Utility Plant Original Cost B3212 Collection Severs Growty B316 Supply Mains ASSCB4 101000 36000 WW Flow Messuring Install B11 Supply Plant Original Cost B3212 Collection Severs Growty B316 Supply Mains ASSCB4 101000 36000 WW Flow Messuring Install B11 Supply Plant Original Cost B3212 Plant Messuring Devices SW B346 Meters ASSCB4 101000 371000 WW Flow Messuring Install B01 Utility Plant Original Cost	ASSC84	101000	355300	WW Pwr Gen Equip SPP	B01	Utility Plant Original Cost	B3713	Pumping Equipment SWR	B323	Other Power Production Eq
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ASSCB4	ASSC84	101000	360000	WW Collection Sewers Forc	B01	Utility Plant Original Cost	B3602		B316	Supply Mains
ASSCB4	ASSC84	101000	361100	WW Collecting Mains	B01	Utility Plant Original Cost	B3612	Collection Sewers Gravity	B316	Supply Mains
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ASSCB4 101000 35000 WW Flow Measuring Install 801 Utility Plant Original Cost 83525 Flow Measuring Install SW 8347 Meter Installations ASSCB4 101000 37100 WW Pump Equip Elect 801 Utility Plant Original Cost 83713 Pumping Equipment SWR 8324 Pumping Equipment SWR <td< td=""><td></td><td></td><td></td><td></td><td></td><td>, ,</td><td></td><td></td><td></td><td></td></td<>						, ,				
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ASSC84		101000			B01			=	B315	Wells
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ASSC84 101000 39000 WW Computers & Peripheral B01 Utility Plant Original Cost B3905 Other Furn & Equipment SW B372 Office Furniture and Equi ASSC84 101000 390300 WW Computer Software B01 Utility Plant Original Cost B3905 Other Furn & Equipment SW B372 Office Furniture and Equi ASSC84 101000 39100 WW Trans Equipment B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equip power B374 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 391100 WW Trans Equip Hvy Dty Tr B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 391200 WW Trans Equip Hvy Dty Tr B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 392000 WW Stores Equipment B01 Utility Plant Original Cost B3915 Transportation Equip SWR B374 Stores Equipment ASSC84 101000 392000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3925 Stores Equipment SWR B374 Stores Equipment ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Equ ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment ASSC84 101000 395000 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3955 Communication Equip SWR B376 Communication Equip SWR B376 Communication Equip SWR B379 Other General Plant	ASSC84	101000	389600	WW Other P/E-CPS	B01	Utility Plant Original Cost	B3891	Oth PInt & Misc Equip Int	B303	Other intangible Plant
ASSC84 101000 390300 WW Computer Software B01 Utility Plant Original Cost B3905 Other Furn & Equipment SW B372 Office Furniture and Equi ASSC84 101000 391000 WW Trans Equipment B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 39100 WW Trans Equip Lt Dty Trk B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 391200 WW Trans Equip Hvy Dty Tr B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 392000 WW Stores Equipment B01 Utility Plant Original Cost B3915 Stores Equipment SWR B374 Stores Equipment ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3925 Stores Equipment SWR B374 Stores Equipment ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Equ ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment ASSC84 101000 395000 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equip SWR B376 Communication Equip SWR B379 Other General Plant	ASSC84	101000	390000	WW Office Furniture & Equ	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84 101000 39100 WW Trans Equipment B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 391100 WW Trans Equip Lt Dty Trk B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equip SWR ASSC84 101000 39100 WW Trans Equip Hvy Dty Tr B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 39200 WW Stores Equipment B01 Utility Plant Original Cost B3915 Stores Equipment SWR B373 Transportation Equipment ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3925 Stores Equipment SWR B374 Stores Equipment ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Equ ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment ASSC84 101000 395000 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equip SWR ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3965 Miscellaneous Equip SWR B379 Other General Plant	ASSC84	101000	390200	WW Computers & Peripheral	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84 101000 39100 WW Trans Equip Lt Dty Trk B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 391200 WW Trans Equip Hvy Dty Tr B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 392000 WW Stores Equipment B01 Utility Plant Original Cost B3925 Stores Equipment SWR B374 Stores Equipment ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Eq ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment ASSC84 101000 395000 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equipment ASSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equipment ASSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3965 Miscellaneous Equip SWR B379 Other General Plant	ASSC84	101000	390300	WW Computer Software	B01	Utility Plant Original Cost	B3905	Other Furn & Equipment SW	B372	Office Furniture and Equi
ASSC84 101000 391200 WW Trans Equip Hvy Dty Tr B01 Utility Plant Original Cost B3915 Transportation Equip SWR B373 Transportation Equipment ASSC84 101000 392000 WW Stores Equipment B01 Utility Plant Original Cost B3925 Stores Equipment SWR B374 Stores Equipment ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Eq ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment SWR ASSC84 101000 395000 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equipment ASSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equip FWR ASSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3975 Miscellaneous Equip SWR B379 Other General Plant	ASSC84	101000	391000	WW Trans Equipment	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84 101000 392000 WW Stores Equipment B01 Utility Plant Original Cost B3925 Stores Equipment SWR B374 Stores Equipment ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Equ ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment SWR B375 Laboratory Equipment SWR B375 Laboratory Equipment SWR B376 Laboratory Equipment SWR B376 Laboratory Equipment SWR B376 Communication Equip SWR B377 Power Operated Equipment SWR B376 Communication Equip SWR B376 Communication Equip SWR B376 Communication Equip SWR B376 Communication Equipment SWR B376 Communication Equipment SWR B376 Communication Equip SWR B376 Communication Equipment SWR B376 Communication Equip SWR B376 Communication Equipment SWR B377 Communication Equipment SWR B378 Communication Equipment SWR B378 Communication Equipment SWR B378 Communication Equipment SWR B378 Communication Equipment SWR B379 Communication Equipment SWR B379 Communication Equipment SWR B378 Communication Equipment SWR B379 Communication Equipment SWR B379 Communication Equipment SWR B379 Communication Equipment SWR B379 Communication Equipment	ASSC84	101000	391100	WW Trans Equip Lt Dty Trk	B01	Utility Plant Original Cost	B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Equ ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment WR ASSC84 101000 39500 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment WW Communication Equipment WW Communication Equipment B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equipment WW SSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3975 Miscellaneous Equip SWR B379 Other General Plant	ASSC84	101000	391200	WW Trans Equip Hvy Dty Tr	B01		B3915	Transportation Equip SWR	B373	Transportation Equipment
ASSC84 101000 393000 WW Tool Shop & Garage Equ B01 Utility Plant Original Cost B3935 Tools, Shop, Garage Equip B378 Tools, Shop and Garage Eq ASSC84 101000 394000 WW Laboratory Equipment B01 Utility Plant Original Cost B3945 Laboratory Equipment SWR B375 Laboratory Equipment WR ASSC84 101000 39500 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment WW Communication Equipment WW Communication Equipment B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equipment WW MW Misc Equipment B01 Utility Plant Original Cost B3965 Miscellaneous Equip SWR B379 Other General Plant	ASSC84	101000	392000	WW Stores Equipment	B01	Utility Plant Original Cost	B3925	Stores Equipment SWR	B374	Stores Equipment
ASSC84 101000 39500 WW Power Operated Equip B01 Utility Plant Original Cost B3955 Power Operated Equip SWR B377 Power Operated Equipment ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equipment ASSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3975 Miscellaneous Equip SWR B379 Other General Plant		101000	393000		B01	Utility Plant Original Cost			B378	
ASSC84 101000 396000 WW Communication Equip B01 Utility Plant Original Cost B3965 Communication Equip SWR B376 Communication Equip ment ASSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3975 Miscellaneous Equip SWR B379 Other General Plant	ASSC84	101000	394000	WW Laboratory Equipment	B01	Utility Plant Original Cost	B3945	Laboratory Equipment SWR	B375	Laboratory Equipment
ASSC84 101000 397000 WW Misc Equipment B01 Utility Plant Original Cost B3975 Miscellaneous Equip SWR B379 Other General Plant	ASSC84	101000	395000	WW Power Operated Equip	B01	Utility Plant Original Cost	B3955	Power Operated Equip SWR	B377	Power Operated Equipment
	ASSC84	101000	396000	WW Communication Equip	B01	Utility Plant Original Cost	B3965	Communication Equip SWR	B376	Communication Equipment
ASSC84 101000 398000 WW Other Tangible Plant B01 Utility Plant Original Cost B3985 Other Tangible Plant SWR B390 Other Tangible Property	ASSC84	101000	397000	WW Misc Equipment	B01	Utility Plant Original Cost	B3975	Miscellaneous Equip SWR	B379	Other General Plant
	ASSC84	101000	398000	WW Other Tangible Plant	B01	Utility Plant Original Cost	B3985	Other Tangible Plant SWR	B390	Other Tangible Property

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								utility	Book
rate_type	depr_afudc_method	utility_sub_acct	naruc_acct	start_month	rate_eff_date	life_rate	cor_rate	account	Depr Rate
AFUDC	1026			1/1/2014 0:00	01/2014				
DEPRECIATION - Rate Area 26-00	26:252 271110:RA26-00	271110-CIAC-NT Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271120:RA26-00	271120-CIAC-NT Ext Dep-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271130:RA26-00	271130-CIAC-NT Fire Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271140:RA26-00	271140-CIAC-NT Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271150:RA26-00	271150-CIAC-NT Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271160:RA26-00	271160-CIAC-NT Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271210:RA26-00	271210-CIAC-Tax Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271230:RA26-00	271230-CIAC-Tax Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271240:RA26-00	271240-CIAC-Tax Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271250:RA26-00	271250-CIAC-Tax Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:252 271260:RA26-00	271260-CIAC-Tax Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	01/2006	0.00%	0.00%		0.00%
DEPRECIATION - Rate Area 26-00	26:271110:RA26-00	271110-CIAC-NT Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.08%	0.17%	271110	1.25%
DEPRECIATION - Rate Area 26-00	26:271120:RA26-00	271120-CIAC-NT Ext Dep-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.08%	0.17%	271120	1.25%
DEPRECIATION - Rate Area 26-00	26:271130:RA26-00	271130-CIAC-NT Fire Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.11%	0.00%	271130	1.11%
DEPRECIATION - Rate Area 26-00	26:271140:RA26-00	271140-CIAC-NT Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	7.03%	0.20%	271140	7.23%
DEPRECIATION - Rate Area 26-00	26:271150:RA26-00	271150-CIAC-NT Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.97%	0.33%	271150	2.30%
DEPRECIATION - Rate Area 26-00	26:271160:RA26-00	271160-CIAC-NT Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.25%	0.00%	271160	1.25%
DEPRECIATION - Rate Area 26-00	26:271210:RA26-00	271210-CIAC-Tax Mains-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.08%	0.17%	271210	1.25%
DEPRECIATION - Rate Area 26-00	26:271230:RA26-00	271230-CIAC-Tax Services-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.11%	0.00%	271230	1.11%
DEPRECIATION - Rate Area 26-00	26:271240:RA26-00	271240-CIAC-Tax Meters-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	7.03%	0.20%	271240	7.23%
DEPRECIATION - Rate Area 26-00	26:271250:RA26-00	271250-CIAC-Tax Hydrants-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	09/2012	1.97%	0.33%	271250	2.30%
DEPRECIATION - Rate Area 26-00	26:271260:RA26-00	271260-CIAC-Tax Other-Water - None	252/271-CAC/CIAC	1/1/2014 0:00	10/2008	1.25%	0.00%	271260	1.25%
DEPRECIATION - Rate Area 26-00	26:304100:RA26-00	304100-Struct & Imp-Supply - None	304.2-Struct & Imp-SS & PP	1/1/2014 0:00	10/2008	1.72%	0.26%	304100	1.98%
DEPRECIATION - Rate Area 26-00	26:304200:RA26-00	304200-Struct & Imp-Pumping - None	304.2-Struct & Imp-SS & PP	1/1/2014 0:00	10/2008	1.72%	0.26%	304200	1.98%
DEPRECIATION - Rate Area 26-00	26:304300:RA26-00	304300-Struct & Imp-Treatment - 304300-Struct & I	•	1/1/2014 0:00	10/2008	3.57%	0.54%	304300	4.11%
DEPRECIATION - Rate Area 26-00	26:304301:RA26-00	304300-Struct & Imp-Treatment - 304301-Struct & I		1/1/2014 0:00	10/2008	12.06%	0.00%	304301	12.06%
DEPRECIATION - Rate Area 26-00	26:304310:RA26-00	304300-Struct & Imp-Treatment - 304310-Struct & I	<u>.</u>	1/1/2014 0:00	03/2012	3.57%	0.54%	304310	4.11%
DEPRECIATION - Rate Area 26-00	26:304330:RA26-00	304300-Struct & Imp-Treatment - 304330-Struc & Ir	•	1/1/2014 0:00	03/2012	3.57%	0.54%	304330	4.11%
DEPRECIATION - Rate Area 26-00	26:304400:RA26-00	304400-Struct & Imp-T&D - None	304.4-Struct & Imp-T&D	1/1/2014 0:00	10/2008	1.85%	0.28%	304400	2.13%
DEPRECIATION - Rate Area 26-00	26:304500:RA26-00	304500-Struct & Imp-General - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.98%	0.15%	304500	1.13%
DEPRECIATION - Rate Area 26-00	26:304510:RA26-00	304510-Struct & Imp-Cap Lease - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.00%	0.00%	304510	0.00%
DEPRECIATION - Rate Area 26-00	26:304600:RA26-00	304600-Struct & Imp-Offices - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.98%	0.15%	304600	1.13%
DEPRECIATION - Rate Area 26-00	26:304700:RA26-00	304700-Struct & Imp-Store, Shop, Gar - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.63%	0.10%	304700	0.73%
DEPRECIATION - Rate Area 26-00	26:304800:RA26-00	304800-Struct & Imp-Misc - None	304.5-Struct & Imp-GP	1/1/2014 0:00	10/2008	0.43%	0.06%	304800	0.49%
DEPRECIATION - Rate Area 26-00	26:306000:RA26-00	306000-Lake, River & Other Intakes - None	306.2-Lake, River & Oth Intakes	1/1/2014 0:00	10/2008	0.79%	0.04%	306000	0.83%
DEPRECIATION - Rate Area 26-00	26:309000:RA26-00	309000-Supply Mains - None	309.2-Supply Mains	1/1/2014 0:00	10/2008	1.87%	0.00%	309000	1.87%
DEPRECIATION - Rate Area 26-00	26:310000:RA26-00	310000-Power Generation Equip - None	310.2-Power Generation Equip	1/1/2014 0:00	10/2008	11.74%	0.59%	310000	12.33%
DEPRECIATION - Rate Area 26-00	26:311200:RA26-00	311200-Pump Eqp Electric - None	311.2-Pumping Equipment-SS & PP	1/1/2014 0:00	10/2008	2.23%	0.22%	311200	2.45%
DEPRECIATION - Rate Area 26-00	26:311300:RA26-00	311300-Pump Eqp Diesel - None	311.2-Pumping Equipment-SS & PP	1/1/2014 0:00	10/2008	2.27%	0.23%	311300	2.50%
DEPRECIATION - Rate Area 26-00	26:311500:RA26-00	311500-Pump Eqp Other - None	311.2-Pumping Equipment-SS & PP	1/1/2014 0:00	10/2008	1.66%	0.17%	311500	1.83%
DEPRECIATION - Rate Area 26-00	26:311520:RA26-00	311000-Pumping Equipment - 311520-Pump Eqp SC		1/1/2014 0:00	09/2012	1.66%	0.17%	311520	1.83%
DEPRECIATION - Rate Area 26-00	26:320100:RA26-00	320100-WT Equip Non-Media - None	320.3-Water Treatment Equip	1/1/2014 0:00	10/2008	0.99%	0.10%	320100	1.09%
DEPRECIATION - Rate Area 26-00	26:320200:RA26-00	320200-WT Equip Filter Media - None	320.3-Water Treatment Equip	1/1/2014 0:00	12/2008	30.31%	3.38%	320200	33.69%
DEPRECIATION - Rate Area 26-00	26:330000:RA26-00	330000-Dist Reservoirs & Standpipes - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	1.73%	0.35%	330000	2.08%
DEPRECIATION - Rate Area 26-00	26:330003:RA26-00	330003-Tank Repainting - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	11.08%	0.00%	330003	11.08%
DEPRECIATION - Rate Area 26-00	26:330100:RA26-00	330100-Elevated Tanks & Standpipes - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	2.28%	0.46%	330100	2.74%
DEPRECIATION - Rate Area 26-00 DEPRECIATION - Rate Area 26-00	26:330200:RA26-00 26:330200:RA26-00	330200-Ground Level Tanks - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	2.28%	0.46%	330200	2.74%
DEPRECIATION - Rate Area 26-00	26:330300:RA26-00	330300-Below Ground Tanks - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	04/2011	2.28%	0.46%	330300	2.74%
DEPRECIATION - Rate Area 26-00	26:330400:RA26-00	330400-Clearwell - None	330.4-Dist Res & Standpipes	1/1/2014 0:00	10/2008	1.38%	0.40%	330400	1.65%
DEFINECIATION - Nate Ared 20-00	20.330400.NA20-00	330400-Cledi Weli - Nolle	330.4-Dist hes & stallupipes	1/1/2014 0:00	10/2006	1.30/0	0.27/0	330400	1.03/0

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								utility	BOOK
rate_type	depr_afudc_method	utility_sub_acct	naruc_acct	start_month	rate_eff_date	life_rate	cor_rate	account	Depr Rate
DEPRECIATION - Rate Area 26-00	26:331001:RA26-00	331001-T&D Mains - 331001-TD Mains Not Classifie		1/1/2014 0:00	10/2008	1.08%	0.17%	331001	1.25%
DEPRECIATION - Rate Area 26-00	26:331100:RA26-00	331001-T&D Mains - 331100-TD Mains 4in & Less	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331100	1.25%
DEPRECIATION - Rate Area 26-00	26:331200:RA26-00	331001-T&D Mains - 331200-TD Mains 6in to 8in	331.4-T&D Mains	1/1/2014 0:00	10/2008	1.08%	0.17%	331200	1.25%
DEPRECIATION - Rate Area 26-00	26:331210:RA26-00	331001-T&D Mains - 331210-TD Mains 6in to 10in-T		1/1/2014 0:00	10/2008	1.08%	0.17%	331210	1.25%
DEPRECIATION - Rate Area 26-00	26:331300:RA26-00	331001-T&D Mains - 331300-TD Mains 10in to 16in		1/1/2014 0:00	10/2008	1.08%	0.17%	331300	1.25%
DEPRECIATION - Rate Area 26-00	26:331350:RA26-00	331001-T&D Mains - 331350-TD Mains 12in & Grtr-		1/1/2014 0:00	10/2008	1.08%	0.17%	331350	1.25%
DEPRECIATION - Rate Area 26-00	26:331400:RA26-00	331001-T&D Mains - 331400-TD Mains 18in & Grtr		1/1/2014 0:00	10/2008	1.08%	0.17%	331400	1.25%
DEPRECIATION - Rate Area 26-00	26:333000:RA26-00	333000-Services - None	333.4-Services	1/1/2014 0:00	10/2008	1.11%	0.00%	333000	1.11%
DEPRECIATION - Rate Area 26-00	26:334100:RA26-00	334100-Meters - 334100-Meters	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.26%	0.21%	334100	7.47%
DEPRECIATION - Rate Area 26-00	26:334110:RA26-00	334100-Meters - 334110-Meters Bronze Case	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334110	7.23%
DEPRECIATION - Rate Area 26-00	26:334120:RA26-00	334100-Meters - 334120-Meters Plastic Case	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334120	7.23%
DEPRECIATION - Rate Area 26-00	26:334130:RA26-00	334100-Meters - 334130-Meters Other	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334130	7.23%
DEPRECIATION - Rate Area 26-00	26:334131:RA26-00	334100-Meters - 334131-Meter Reading Units	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	7.03%	0.20%	334131	7.23%
DEPRECIATION - Rate Area 26-00	26:334200:RA26-00	334200-Meter Installations - None	334.4-Meters & Meter Installs	1/1/2014 0:00	10/2008	2.65%	0.08%	334200	2.73%
DEPRECIATION - Rate Area 26-00	26:334300:RA26-00	334300-Meter Vaults - None	334.4-Meters & Meter Installs	1/1/2016 0:00	01/2016	2.65%	0.08%	334300	2.73%
DEPRECIATION - Rate Area 26-00	26:335000:RA26-00	335000-Hydrants - None	335.4-Hydrants	1/1/2014 0:00	10/2008	1.97%	0.33%	335000	2.30%
DEPRECIATION - Rate Area 26-00	26:339200:RA26-00	339200-Other P/E-Supply - None	339.2-Oth Plt & Misc Equip-SS/PP	1/1/2014 0:00	06/2009	4.68%	0.00%	339200	4.68%
DEPRECIATION - Rate Area 26-00	26:339600:RA26-00	339600-Other P/E-CPS - None	339.1-Oth Plt & Misc Equip-Int	1/1/2014 0:00	06/2009	10.00%	0.00%	339600	10.00%
DEPRECIATION - Rate Area 26-00	26:340100:RA26-00	340100-Office Furniture & Equip - None	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.39%	0.00%	340100	1.39%
DEPRECIATION - Rate Area 26-00	26:340200:RA26-00	340200-Comp & Periph Equip - 340200-Comp & Per		1/1/2014 0:00	10/2008	2.19%	0.00%	340200	2.19%
DEPRECIATION - Rate Area 26-00	26:340210:RA26-00	340200-Comp & Periph Equip - 340210-Comp & Per	iן 340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	2.19%	0.00%	340210	2.19%
DEPRECIATION - Rate Area 26-00	26:340220:RA26-00	340200-Comp & Periph Equip - 340220-Comp & Per	iן 340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	2.19%	0.00%	340220	2.19%
DEPRECIATION - Rate Area 26-00	26:340230:RA26-00	340200-Comp & Periph Equip - 340230-Comp & Per	iן 340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	2.19%	0.00%	340230	2.19%
DEPRECIATION - Rate Area 26-00	26:340240:RA26-00	340200-Comp & Periph Equip - 340240-Comp & Per	iן 340.5-Office Furniture & Equip	1/1/2014 0:00	03/2010	2.19%	0.00%	340240	2.19%
DEPRECIATION - Rate Area 26-00	26:340300:RA26-00	340300-Computer Software - 340300-Computer Sof	t 340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340300	1.83%
DEPRECIATION - Rate Area 26-00	26:340310:RA26-00	340300-Computer Software - 340310-Comp Softwa	rt 340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340310	1.83%
DEPRECIATION - Rate Area 26-00	26:340315:RA26-00	340300-Computer Software - 340315-Comp Softwa	rı 340.5-Office Furniture & Equip	1/1/2014 0:00	11/2012	10.00%	0.00%	340315	10.00%
DEPRECIATION - Rate Area 26-00	26:340320:RA26-00	340300-Computer Software - 340320-Comp Softwa	rı 340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340320	1.83%
DEPRECIATION - Rate Area 26-00	26:340330:RA26-00	340300-Computer Software - 340330-Comp Softwa	rı 340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.83%	0.00%	340330	1.83%
DEPRECIATION - Rate Area 26-00	26:340400:RA26-00	340400-Data Handling Equipment - None	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	4.94%	0.00%	340400	4.94%
DEPRECIATION - Rate Area 26-00	26:340500:RA26-00	340500-Other Office Equipment - None	340.5-Office Furniture & Equip	1/1/2014 0:00	10/2008	1.39%	0.00%	340500	1.39%
DEPRECIATION - Rate Area 26-00	26:341100:RA26-00	341100-Trans Equip Lt Duty Trks - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	18.82%	-2.82%	341100	16.00%
DEPRECIATION - Rate Area 26-00	26:341200:RA26-00	341200-Trans Equip Hvy Duty Trks - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	19.55%	-2.93%	341200	16.62%
DEPRECIATION - Rate Area 26-00	26:341300:RA26-00	341300-Trans Equip Autos - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	13.39%	-2.01%	341300	11.38%
DEPRECIATION - Rate Area 26-00	26:341400:RA26-00	341400-Trans Equip Other - None	341.5-Transportation Equip	1/1/2014 0:00	10/2008	8.52%	-1.28%	341400	7.24%
DEPRECIATION - Rate Area 26-00	26:342000:RA26-00	342000-Stores Equipment - None	342.5-Stores Equipment	1/1/2014 0:00	05/2009	4.00%	0.00%	342000	4.00%
DEPRECIATION - Rate Area 26-00	26:343000:RA26-00	343000-Tools,Shop,Garage Equip - None	343.5-Tools, Shop & Garage Equip	1/1/2014 0:00	10/2008	6.89%	0.00%	343000	6.89%
DEPRECIATION - Rate Area 26-00	26:344000:RA26-00	344000-Laboratory Equipment - None	344.5-Laboratory Equipment	1/1/2014 0:00	10/2008	1.01%	0.00%	344000	1.01%
DEPRECIATION - Rate Area 26-00	26:345000:RA26-00	345000-Power Operated Equipment - None	345.5-Power Operated Equip	1/1/2014 0:00	09/2009	7.03%	0.00%	345000	7.03%
DEPRECIATION - Rate Area 26-00	26:346100:RA26-00	346100-Comm Equip Non-Telephone - None	346.5-Communication Equip	1/1/2014 0:00	10/2008	4.21%	0.00%	346100	4.21%
DEPRECIATION - Rate Area 26-00	26:346190:RA26-00	346190-Remote Control & Instrument - None	346.5-Communication Equip	1/1/2014 0:00	10/2008	4.21%	0.00%	346190	4.21%
DEPRECIATION - Rate Area 26-00	26:346200:RA26-00	346200-Comm Equip Telephone - None	346.5-Communication Equip	1/1/2014 0:00	10/2008	3.51%	0.00%	346200	3.51%
DEPRECIATION - Rate Area 26-00	26:347000:RA26-00	347000-Misc Equipment - None	347.5-Misc Equip	1/1/2014 0:00	10/2008	6.33%	0.00%	347000	6.33%
DEPRECIATION - Rate Area 26-00	26:348000:RA26-00	348000-Other Tangible Property - None	348.5-Other Tangible Plant	1/1/2014 0:00	10/2008	5.10%	0.00%	348000	5.10%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303500-Land & Land Rights-T&D - 303502-Rights of	\ 303.4-Land & LR-T&D	1/1/2014 0:00	01/2008	0.00%	0.00%	303500	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303500-Land & Land Rights-T&D - 303500-Land & Lo	d 303.4-Land & LR-T&D	1/1/2014 0:00	01/2008	0.00%	0.00%	303500	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303600-Land & Land Rights-General - None	303.5-Land & LR-GP	1/1/2014 0:00	01/2008	0.00%	0.00%	303600	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303300-Land & Land Rights-Pumping - None	303.2-Land & LR-SS & PP	1/1/2014 0:00	01/2008	0.00%	0.00%	303300	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303400-Land & Land Rights-Treatment - None	303.3-Land & LR-WT	1/1/2014 0:00	01/2008	0.00%	0.00%	303400	0.00%
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM	303500-Land & Land Rights-T&D - 303501-Land-TD	303.4-Land & LR-T&D	1/1/2014 0:00	01/2008	0.00%	0.00%	303500	0.00%

Tennessee American Water Company

Depreciation Rate Download

*rates from fixed asset system (subledger)

								utility	Book
rate_type	depr_afudc_method	utility_sub_acct	naruc_acct	start_month	rate_eff_date	life_rate	cor_rate	account	Depr Rate
DEPRECIATION - Rate Area 26-00	26:Non Depreciable-Tennessee-AM0	301000-Organization - None	301.1-Organization	1/1/2014 0:00	01/2008	0.00%	0.00%	301000	0.00%
DEPRECIATION - Rate Area 26-02	26:339200:RA26-02	339200-Other P/E-Supply - None	339.2-Oth Plt & Misc Equip-SS/PP	1/1/2014 0:00	03/2012	4.68%	0.00%	339200	4.68%
DEPRECIATION - Rate Area 26-02	26:339600:RA26-02	339600-Other P/E-CPS - None	339.1-Oth Plt & Misc Equip-Int	1/1/2014 0:00	03/2012	10.00%	0.00%	339600	10.00%
DEPRECIATION - Rate Area 26-02	26:342000:RA26-02	342000-Stores Equipment - None	342.5-Stores Equipment	1/1/2014 0:00	03/2012	4.00%	0.00%	342000	4.00%
DEPRECIATION - Rate Area 26-02	26:345000:RA26-02	345000-Power Operated Equipment - None	345.5-Power Operated Equip	1/1/2014 0:00	03/2012	7.03%	0.00%	345000	7.03%

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Tennessee American Water Capital Riders

Calculation of Total Revenue Requirement Check

		2020	WKP 2020	
		Capital Riders	In-Serviced SCEP	
Line Number	Description	Company Totals	Company Totals	Check
1	Additions Subject to SEC / EDI and QIIP:	\$101,854,987	\$101,854,987	\$0
2	Plus: Cost of Removal less Salvage	12,602,529	12,602,529	0
3	Less: Contributions in Aid to Construction (CIAC)	2,358,677	2,358,677	0
4	Less: Deferred Income Taxes	13,299,697	13,299,697	0
5	Less: Accumulated Depreciation	6,568,374	6,568,374	0
6	Net Investment Supplied Additions:	\$92,230,768	\$92,230,768	\$0
7				
8	Pre-Tax Rate of Return:	8.45145%	8.45145%	
9	Pre-Tax Return on Additions:	\$7,794,840	\$7,794,840	\$0
10				
11	Depreciation Expense on SEC / EDI / QIIP Additions:	2,042,787	2,042,787	0
12				
13	Operational Expenses Related to Riders	0	0	0
14				
15	Property and Franchise Taxes Associated with SEC / EDI / QIIP:	1,205,529	1,205,529	0
16				
17	Total Revenues:	\$11,043,155	\$11,043,155	\$0
18				
19	Revenue Taxes	3.191%	3.191%	
20	Total Revenues with Revenue Taxes	\$11,407,158	\$11,407,158	\$0
21				
22	APP Revenue Reduction	(9,426)	(9,426)	0
23				
24	Revenues with Revenue Taxes & APP Reduction	\$11,397,732	\$11,397,732	\$0
25				
26	Service Charge and Volumetric Revenues as Per Docket No. 12-00049	\$47,073,724	\$47,073,724	
27				
28	Percentage to Apply to Bill:	24.21%	24.21%	
29				

Tennessee American Water Company
Qualified Infrastructure Improvement Program (QIIP)
Economic Development Investment Rider (EDI)
Safety and Environmental Compliance Rider (SEC)
Cumulative Plant Additions Reconciliation

				Cumulative Balances by Year For 2020									
Line No.	Rate Mechanism	Project ID	Project Description	2014 Actual Total Capital Expenditure Additions	2015 Actual Total Capital Expenditure Additions	2016 Actual Total Capital Expenditure Additions	2017 Actual Total Capital Expenditure Additions	2018 SCEP Total Capital Expenditure Additions	2019 SCEP Total Capital Expenditure Additions	2020 SCEP Total Capital Expenditure Additions	Total Capital Expenditure Additions	Total 2020 In-Serviced Balance at Year- End	Total 2020 Average Plant Balance for Filing
1	QIIP	В	Mains - Replaced / Restored	\$854,442	\$1,139,159	\$739,483	\$2,873,538	\$916,567	\$1,875,000	\$3,000,238	\$11,398,426	\$11,398,426	\$9,889,802
2		С	Mains - Unscheduled	979,105	901,601	2,283,095	1,845,229	1,353,636	1,755,000	1,700,000	10,817,666	10,817,666	9,994,810
3		D	Mains - Relocated	69,470	1,354,295	134,725	2,222,174	358,767	275,000	275,000	4,689,431	4,689,431	4,551,679
4		F	Hydrants, Valves, and Manholes - Replaced	240,583	291,442	115,377	170,118	200,383	442,000	510,188	1,970,090	1,970,090	1,704,113
5		н	Services and Laterals - Replaced	442,503	428,990	412,814	605,223	309,867	697,000	748,591	3,644,987	3,644,987	3,270,615
6		J	Meters - Replaced	661,479	1,110,106	886,761	1,753,719	2,288,597	4,255,000	1,533,973	12,489,635	12,489,635	11,563,154
7		R	Capitalized Tank Rehabilitation/Painting	2,360,061	563,571	(908,459)	1,087,213	421,707	1,125,000	2,647,939	7,297,032	7,297,032	6,028,760
8		126-020028	Citico Plant Improvements Phase 1B (\$8.6)	0	0	8,387,200	32,603	0	0	0	8,419,803	8,419,803	8,419,803
9		126-020034	Tennessee River Crossing (\$2.5)	0	0	0	0	0	4,163,178	0	4,163,178	4,163,178	4,163,178
10		126-020045	Remove Filter Bldg 3	0	0	0	0	0	0	0	0	0	0
11		126-020039	Repl Basin 2 & Plate Settlers	0	0	0	0	0	0	6,598,975	6,598,975	6,598,975	989,367
12		126-020056	Retire Basin 2	0	0	0	0	0	0	0	0	0	0
13 14		126-0200XX	Filter House #2 Rehab	0	0	0	0	0	0	759,050	759,050	759,050	467,108
15				-									_
16			QIIP Total	5,607,642	5,789,163	12,050,995	10,589,816	5,849,523	14,587,178	17,773,953	72,248,271	72,248,271	61,042,389
17													
18	EDI	Α	Mains - New	0	470,769	175,447	338,353	534,427	1,000,000	300,000	2,818,996	2,818,996	2,663,363
19		E	Hydrants, Valves, and Manholes - New	62,504	75,734	50,970	70,004	66,740	144,000	125,000	594,952	594,952	529,976
20		126-0200XX	River Gorge Dr Transmission Mains	0	0	0	0	0	0	1,108,100	1,108,100	1,108,100	767,146
21		I26-0200XX	River Gorge Booster Station	0	0	0	0	0	0	1,107,380	1,107,380	1,107,380	937,013
22													
23													
24			EDI Total	62,504	546,502	226,417	408,356	601,168	1,144,000	2,640,479	5,629,427	5,629,427	4,897,499
25													
26	SEC	L	SCADA Equipment and Systems	487,736	258,474	180,161	165,235	171,620	142,000	170,000	1,575,225	1,575,225	1,482,761
27		M	Security Equipment and Systems	6,193	131,615	103,084	157,018	160,946	135,000	154,800	848,656	848,656	766,539
28		Q	Process Plant Facilities and Equipment	659,218	2,595,889	990,220	3,152,185	1,195,921	1,765,000	1,560,000	11,918,434	11,918,434	11,128,141
29		126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	0	15,043,463	522,140	(18,995)	0	0	0	15,546,608	15,546,608	15,546,608
30		126-050002	Facility Upgrades at Whitwell WTP (\$0.3)	0	0	0	350,105	(140,251)	0	0	209,854	209,854	209,854
31		126-050004	Replace 0.1 MG Storage Tank at Whitwell (\$0.3)	0	0	0	0	301,967	0	0	301,967	301,967	301,967
32		126-020040	Chlorine Gas Conversion	0	0	0	0	0	5,700,000	373,150	6,073,150	6,073,150	6,020,386
33		126-0200XX	Replace North Traveling Screen	0	0	0	0	0	0	748,136	748,136	748,136	458,844
34													
35													
36			SEC Total	1,153,147	18,029,441	1,795,604	3,805,550	1,690,202	7,742,000	3,006,085	37,222,029	37,222,029	35,915,099
37													
38			Grand Total	\$6,823,293	\$24,365,106	\$14,073,016	\$14,803,722	\$8,140,893	\$23,473,178	\$23,420,518	\$115,099,727	\$115,099,727	\$101,854,987
39													4
40 41			From In-Service & SCEP Tabs					\$8,140,893	\$23,473,178	\$23,420,518	\$115,099,727	\$115,099,727	\$101,854,987
41			Variance					(\$0)	\$0	\$0	\$0	\$0	\$0

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STRATEGIC CAPITAL EXPENDITURE PLAN

PROGRAM

Business Unit Tennessee Revision Date Description

1	Line #	Bu	usiness Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2019 SCEP Reforecast	Prior 2019 SCEP In- Serviced
1				RECURRING PROJECTS									
1				Projects Funded by Others									
	3					Services		1					
1		TN	DV		335000	Hydrants	0.0%	1	2.30%				0
7		TN	А	Mains - New	304400	Struct & Imp-Treatment-T&D	10.0%	1	2.13%				204.566
No. No.				mans nen									
No. No.	8												
10													
1	10				335000			1					
18	11					•							·
14	12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	88.2%	1	1.25%				7,447,318
15	13	TN	В		333000	Services	9.5%	1	1.11%				780,451
10	14	TN	В		335000	Hydrants	2.3%	1	2.30%				170,419
17	15												
18	16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	99.9%	1	1.25%				9,111,093
19	17	TN	С		335000	Hydrants	0.1%	1	2.30%				6,573
20													
1				Mains - Relocated		Transmission & Distribution Mains	91.5%		1.25%				4,152,417
25 78		TN	D		335000	Hydrants	6.8%	1	2.30%				209,405
24 TN F													
Page				Hydrants, Valves, and Manholes - New									
1		TN	E		335000	Hydrants	55.5%	1	2.30%				214,256
Page		TN	F	Hydrants Valves and Manholes - Replaced	331001	Transmission & Distribution Mains	15.6%	1	1 25%				265.884
28				riyarants, valves, and ivialinoies Replaced									
Page			•		333000	riyarants	04.470	-	2.5070				1,134,013
1	29	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				1,133,000
33 TN	31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
1	32	TN	Н		333000	Services	90.6%	1	1.11%				2,705,739
1.0	33	TN	Н		334100	Meters	2.0%	1	7.47%				40,378
1	34	TN	н		334200	Meter Installations	6.0%	1	2.73%				121,055
37		TN	Н		334300	Meter Vaults	1.4%	1	2.73%				29,224
38				Mark and Mark	224400		0.00/		7.470/				
39				Meters - New									
No. Joseph Meters - Replaced 334100 Meters 6.6% 1 7.47% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 1 2.73% 2.73% 1 2.73% 2.73		IN	ı		334200	Meter Installations	0.0%	1	2.73%				U
1		TNI		Maters - Panlaced	22/100	Maters	6.6%	1	7 /17%				994 206
A2				Weters - Replaced									·
A3		114	,		334200	wieter mstallations	33.470	-	2.7370				10,071,330
A5	43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
46 TN L 340200 Computer & Peripheral Equipment 15.4% 1 2.19% 101,530 47 TN L 340300 Computer Software 0.5% 1 1.83% 3,176 48 TN L 346100 Comm Equip Non-Telephone 0.0% 1 4.21% 42,11% 50 Fraction Security Equipment and Systems 346190 Remote Control & Instrument 84.1% 1 4.21% 4.21% 991,063 50 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M 304300 Struct & Imp-Pumping 0.0% 1 1.98% 472,227 54 TN M 304400 Struct & Imp-Treatment T&D 29.5% 1 2.13% 4163,884 55 TN		TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	0.0%	1	1.09%				268.337
47 TN L 340300 Computer Software 0.5% 1 1.83% 3,176 48 TN L 346100 Comm Equip Non-Telephone 0.0% 1 4,21% 42,119 49 TN L 346190 Remote Control & Instrument 84.1% 1 4,21% 99,063 50 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1,98% 26,770 52 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1,98% 0 53 TN M 304300 Structures & Improvement - Treatment - RD 1,98% 1 4,11% 4,11% 4,72,227 54 TN M 304400 Struct & Imp-Treatment - RD 29,5% 1 2,13% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11% 4,11%				4. , ,									
48 TN L 346100 Comm Equip Non-Telephone 0.0% 1 4.21% 4.21% 991,063 50 TN L 346100 Remote Control & Instrument 84.1% 1 4.21% 991,063 50 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M Security Equipment and Systems 304200 Struct & Imp-Supply 4.8% 1 1.98% 0 53 TN M Struct & Imp-Supply 4.8% 1 1.98% 0 54 TN M Struct & Imp-Supply 4.8% 1 1.98% 0 55 TN M Struct & Imp-Supply 4.8% 1 1.98% 1 4.21% 55 TN M Struct & Imp-Supply 4.8% 1 4.19% 1 4.21% 55 TN M Struct & Imp-Supply 4.8% 1 4.11%	47	TN	L					1	1.83%				
50 50 51 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M 304300 Structures & Improvement - Treatment - 18D 1 4.11% 472,227 54 TN M 304400 Struct & Imp-Treatment - 18D 29.5% 1 2.13% 163,884 55 TN M 304500 Structures & Improvement - General 0.0% 1 1.13% 6,193			L										
51 TN M Security Equipment and Systems 304100 Struct & Imp-Supply 4.8% 1 1.98% 26,770 52 TN M Security Equipment and Systems 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M Struct & Imp-Treatment - Featment - Teatment - Teatmen	49												
52 TN M 304200 Struct & Imp-Pumping 0.0% 1 1.98% 0 53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11% 472,227 54 TN M 304400 Struct & Imp-Treatment - T&D 29.5% 1 2.13% 163,884 55 TN M 304500 Structures & Improvement - General 0.0% 1 1.13% 6,193													
53 TN M 304300 Structures & Improvement - Treatment 61.3% 1 4.11% 472,227 54 TN M 304400 Struct & Imp-Treatment-T&D 29.5% 1 2.13% 163,884 55 TN M 304500 Structures & Improvement - General 0.0% 1 1.13% 6,193				Security Equipment and Systems									
54 TN M 304400 Struct & Imp-Treatment-T&D 29.5% 1 2.13% 163,884 55 TN M 304500 Structures & Improvement - General 0.0% 1 1.13% 6,193													
55 TN M 304500 Structures & Improvement - General 0.0% 1 1.13% 6,193													
						•							
56 TN M 340200 Computer & Peripheral Equipment 1.4% 1 2.19% 7,961													
	56	ľN	М		340200	Computer & Peripheral Equipment	1.4%	1	2.19%				7,961

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date Description

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2019 SCEP Reforecast	Prior 2019 SCEP In- Serviced
57	TN	M		347000	Misc Equipment	3.0%	1	6.33%				16,821
58 59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0.0%	1	1.13%				0
60	IIN	IN	Offices and Operations Centers	304300	Structures & Improvement - General	0.0%	1	1.15%				U
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				0
63	TN	0		341300	Transportation Equip Autos	0.0%	1	11.38%				0
64												
65	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				0
66	TNI	0	Decree Blant Carilities and Carriage and	204100	Charles & Lana Consults	2.40/		1.000/				275 226
67 68	TN TN	Q Q	Process Plant Facilities and Equipment	304100 304200	Struct & Imp-Supply Struct & Imp-Pumping	2.1% 16.3%	1 1	1.98% 1.98%				275,326 1,155,328
69	TN	Q		304300	Struct & Imp-Pumping Struct & Imp-Treatment	11.1%	1	4.11%				792,398
70	TN	Q		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	0.0%	1	2.13%				25,687
71	TN	Q		304500	Structures & Improvement - General	0.6%	1	1.13%				72,324
72	TN	Q		304600	Struc &Imp-Offices	0.1%	1	1.13%				10,002
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0.0%	1	0.73%				0
74	TN	Q		306000	Lake, River & Other Intakes	3.2%	1	0.83%				225,036
75	TN	Q		309000	Supply Mains	0.0%	1	1.87%				9,862
76	TN	Q		310000	Power Generation Equip	0.3%	1	12.33%				44,304
77	TN	Q		311200	Pump Eqp Electric	1.1%	1	2.45%				94,766
78	TN	Q		311520	Pumping Equipment SOS	28.2%	1	1.83%				2,471,578
79	TN	Q		320100	WT Equip Non-Media	25.6%	1	1.09%				3,624,616
80	TN	Q		320200	Water Trmt Equip Filter Media	8.5%	1	33.69%				1,295,270
81	TN	Q		330000	Dist Reservoirs & Standpipes	0.4%	1	2.08%				31,508
82	TN	Q		331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
83	TN	Q		334100	Meters	0.0%	1	7.47%				0
84	TN	Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
85	TN	Q		340300	Computer Software	1.9%	1	1.83%				132,301
86	TN	Q		340330	Computer Software Other	0.0%	1	1.83%				1,300
87 88	TN TN	Q		343000 344000	Tools, Shop, Garage Equipment	0.1% 0.1%	1 1	6.89%				4,383
88 89	TN	Q Q		345000	Laboratory Equipment Power Operated Equipment	0.1%	1	1.01% 7.03%				6,519 41,485
90	TN	Q		346190	Remote Control & Instrument	0.2%	1	4.21%				18,169
91	TN	Q		347000	Misc Equipment	0.3%	1	6.33%				26,273
92		ď		347000	wise Equipment	0.570	-	0.5570				20,273
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%	1	4.11%				0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	0.0%	1	12.06%				1,250,689
95	TN	R		320100	WT Equip Non-Media	0.0%	1	1.09%				259,932
96	TN	R		320200	Water Trmt Equip Filter Media	0.0%	1	33.69%				52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	21.3%	1	2.08%				712,333
98	TN	R		330003	Tank Repainting	34.3%	1	11.08%				1,185,131
99	TN	R		330100	Elevated Tanks & Standpipes	0.0%	1	2.74%				90,599
100 101	TN	R		330200	Ground Level Tanks	44.4%	1	2.74%				1,097,668
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
103			Total Recurring Projects									
104			• • • • • • • • • • • • • • • • • • •									
105			ACQUISITIONS									
106												
107 108			Total Acquisitions									
109			CENTRALLY SPONSORED PROJECTS									
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			10.00%				0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			10.00%				0
112			Total Centrally Sponsored Projects									

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date Description

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2019 SCEP Reforecast	Prior 2019 SCEP In- Serviced
113										Inception to Date	2019 SCEP	
114			INVESTMENT PROJECTS							Spend	Reforecast	
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%				6,103,569
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%				2,108,898
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%				0
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%				4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D		11/1/2015	2.13%				0
121	TN	126-020032		304500	Structures & Improvement - General		11/1/2015	1.13%				1,062,411
122	TN	126-020032		320100	WT Equip Non-Media		11/1/2015	1.09%				10,336,541
123	TN	126-020032		330200	Ground Level Tanks		11/1/2015	2.74%				0
124	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%				5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%				4,163,178
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%			215,000 (1)	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%				5,700,000
128	TN	126-020044	New Raw Water Intake Citico				3/15/2024					0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%				0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%				0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%				0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%				0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%				0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%				0
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024					0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%				0
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%				0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%				25,260
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				171,114
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022					0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%				58,596
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%				234,540
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%				8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%				0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%				0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%				0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%				0
149												
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:						•	\$92,812,209
151			projections based on project costs through 2020.								•	
152			, ,,		Total DV Excluded:						-	\$92,607,643
153			(2) From prior docket #s and sourced accounts.								1	
154			(3) From actual or estimated in-service data provided by the c	nmnany	Total Surcharge Amt:						-	\$91,679,209
155			(5) From decade of estimated in service data provided by the e	ompany.								ψ32j073j203
156					SEC Total:						-	\$34,215,944
157					SEC TOTAL							J34,21J,J44
					EDI Total:						-	¢2 704 202
158					EDI Total:							\$2,784,382
159											-	454 474 245
160					QIIP Total:							\$54,474,318

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date Description

55 TN

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Descript	юп					Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period						
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6	
1			RECURRING PROJECTS									
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0	
3	TN	DV		333000	Services	0	0	0	0	0	0	
4	TN	DV		335000	Hydrants	0	0	0	0	0	0	
5												
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	204,566	207,750	208,468	211,871	214,213	219,459	
7	TN	Α		331001	Transmission & Distribution Mains	2,170,678	2,197,362	2,203,383	2,231,904	2,251,529	2,295,496	
8	TN	Α		333000	Services	14,813	14,994	15,035	15,228	15,362	15,660	
9	TN	Α		334300	Meter Vaults	35,531	36,084	36,209	36,800	37,206	38,118	
10 11	TN	Α		335000	Hydrants	93,408	94,685	94,974	96,339	97,279	99,384	
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	7,608,597	7,782,201	8,012,364	8,245,459	8,504,760	8,765,443	
13	TN	В	Wallis Replaced / Restored	333000	Services	797,826	816,529	841,326	866,438	894,373	922,457	
14	TN	В		335000	Hydrants	174,543	178,982	184,868	190,828	197,459	204,125	
15				333000	, aranes	17 1,3 13	170,302	10 1,000	130,020	137,133	201,123	
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	9,285,743	9,470,473	9,638,105	9,768,807	9,895,812	10,007,697	
17	TN	С		335000	Hydrants	6,731	6,899	7,052	7,171	7,286	7,388	
18	TN	D	Mains - Relocated	221001	Transmission & Distribution Mains	4 162 142	4 177 206	4 202 056	4 220 666	4 356 940	4 270 496	
19		D	Mains - Relocated	331001	Transmission & Distribution Mains	4,162,143	4,177,306	4,203,056	4,229,666	4,256,849	4,279,486	
20 21	TN TN	D D		333000 335000	Services Hydrants	52,790	53,074	53,557 213,144	54,055	54,564	54,989 218,788	
22	IIN	U		335000	nydrants	210,123	211,243	213,144	215,109	217,116	218,788	
23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	258,535	261,578	264,871	269,709	274,878	281,216	
24	TN	E	Trydrants, valves, and Mannoles New	335000	Hydrants	217,794	221,588	225,693	231,724	238,169	246,070	
25		-		333000	,a.ae	217,73	221,500	223,033	232,721	250,103	210,070	
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	269,486	274,046	279,111	286,139	293,294	302,217	
27	TN	F		335000	Hydrants	1,213,530	1,238,228	1,265,661	1,303,727	1,342,480	1,390,812	
28												
29 30	TN	G	Services and Laterals - New	333000	Services	1,218,809	1,309,680	1,406,143	1,514,857	1,624,323	1,734,776	
31	TN	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0	
32	TN	н	Services and Editerals Replaced	333000	Services	2,753,195	2,804,413	2,859,449	2,915,754	2,975,071	3,044,349	
33	TN	н		334100	Meters	41,423	42,550	43,762	45,001	46,307	47,832	
34	TN	н		334200	Meter Installations	124,187	127,568	131,200	134,916	138,830	143,403	
35	TN	Н		334300	Meter Vaults	29,980	30,796	31,673	32,570	33,515	34,619	
36								,	,	55,525	0.,020	
37	TN	1	Meters - New	334100	Meters	0	0	0	0	0	0	
38	TN	1		334200	Meter Installations	0	0	0	0	0	0	
39												
40	TN	J	Meters - Replaced	334100	Meters	886,163	888,143	890,219	892,646	903,520	914,926	
41 42	TN	J		334200	Meter Installations	10,097,660	10,125,714	10,155,132	10,189,514	10,343,587	10,505,193	
42	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0	
44			no equipment and systems	310200	compater a rempilerar Equipment	Ü	· ·	· ·	Ü	· ·	ŭ	
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337	
46	TN	L	•	340200	Computer & Peripheral Equipment	101,530	105,214	105,431	109,700	109,939	114,312	
47	TN	L		340300	Computer Software	3,176	3,291	3,298	3,432	3,439	3,576	
48	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119	
49	TN	L		346190	Remote Control & Instrument	991,063	1,011,172	1,012,358	1,035,666	1,036,971	1,060,844	
50	TNI	M	Cocurity Equipment and Cystoms	204100	Struct & Imp Supply	27.077	27.454	27.052	20 400	20.102	20.000	
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	27,077	27,454	27,953 0	28,488	29,183	29,889	
52 53	TN TN	M M		304200 304300	Struct & Imp-Pumping Structures & Improvement - Treatment	0 476 122	0 480,920	0 487,277	0	0 502,922	0 511,904	
53 54	TN	M		304300 304400		476,133	480,920 168,066	487,277 171,125	494,075	502,922 178,653	182,974	
54	IN	IVI		304400	Struct & Imp-Treatment-T&D	165,763	168,066	1/1,125	174,396	1/8,653	182,974	

Structures & Improvement - General

Computer & Peripheral Equipment

6,193

8,052

6,193

8,164

6,193

8,313

6,193

8,472

6,193

8,679

6,193

8,888

304500

340200

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

Revision Date Description

					-		Cumulative Dala	iice or iii-serviceu	riant, moni 2020 Ca	pex, by i criou	
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
57 58	TN	М		347000	Misc Equipment	17,014	17,250	17,564	17,900	18,337	18,780
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos	0	0	0	0	0	0
64					4.7						
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	277,209	279,317	281,668	284,764	288,025	291,677
68	TN	Q	4.4	304200	Struct & Imp-Pumping	1,169,588	1,185,552	1,203,359	1,226,803	1,251,494	1,279,155
69	TN	Q		304300	Struct & Imp-Treatment	802,090	812,941	825,044	840,979	857,762	876,563
70	TN	Q		304400	Struct & Imp-Treatment-T&D	25,688	25,688	25,689	25,689	25,690	25,691
71	TN	Q		304500	Structures & Improvement - General	72,874	73,491	74,178	75,084	76,037	77,105
72	TN	Q		304600	Struc &Imp-Offices	10,125	10,264	10,418	10,621	10,834	11,074
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	227,813	230,923	234,391	238,958	243,767	249,155
75	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	44,541	44,807	45,103	45,494	45,905	46,365
77	TN	Q		311200	Pump Eqp Electric	95,703	96,752	97,922	99,462	101,085	102,902
78	TN	Q		311520	Pumping Equipment SOS	2,496,342	2,524,069	2,554,995	2,595,713	2,638,595	2,686,635
79	TN	à		320100	WT Equip Non-Media	3,647,057	3,672,181	3,700,206	3,737,103	3,775,962	3,819,494
80	TN	Q		320200	Water Trmt Equip Filter Media	1,302,692	1,311,002	1,320,270	1,332,474	1,345,326	1,359,724
81	TN	à		330000	Dist Reservoirs & Standpipes	31,897	32,333	32,818	33,458	34,131	34,885
82	TN	Q		331001	Transmission & Distribution Mains	0	0	0	0	0	0
83	TN	Q		334100	Meters	0	0	0	0	0	0
84	TN	à		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	133,934	135,762	137,801	140,486	143,313	146,480
86	TN	à		340330	Computer Software Other	1,317	1,335	1,355	1,381	1,409	1,440
87	TN	Q		343000	Tools, Shop, Garage Equipment	4,437	4,498	4,565	4,654	4,748	4,853
88	TN	à		344000	Laboratory Equipment	6,599	6,689	6,790	6,922	7,061	7,218
89	TN	Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485
90	TN	Q		346190	Remote Control & Instrument	18,350	18,553	18,779	19,076	19,390	19,741
91 92	TN	Q		347000	Misc Equipment	26,501	26,756	27,041	27,416	27,811	28,253
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
95	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
96	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	712,333	767,973	826,894	889,095	951,297	1,013,499
98	TN	R		330003	Tank Repainting	1,185,131	1,274,526	1,369,192	1,469,131	1,569,069	1,669,007
99	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,600	90,600	90,600
100	TN	R		330200	Ground Level Tanks	1,097,668	1,213,523	1,336,211	1,465,731	1,595,252	1,724,772
101											
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0	0	0	0	0	0
103			Total Recurring Projects								
104			0 .,								
105			ACQUISITIONS								
106											
107 108			Total Acquisitions								
109			CENTRALLY SPONSORED PROJECTS								
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
111	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
112	114	.20 0203	Total Centrally Sponsored Projects	5-0313	compater software special pepiet hate						
114			Total centrally sponsored Projects								

Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

Descrip	tion				<u>-</u>	Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period						
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6	
113												
114			INVESTMENT PROJECTS									
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	
116	TN	126-020028		320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335	
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0	
119	TN	126-020032		304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0	
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0	
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946	
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0	
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	5,864,625	5,968,888	6,073,150	6,073,150	6,073,150	6,073,150	
128	TN	126-020044	New Raw Water Intake Citico			0	0	0	0	0	0	
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0	
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0	
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	759,050	759,050	
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	0	0	0	1,108,100	1,108,100	1,108,100	
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	0	1,107,380	1,107,380	1,107,380	1,107,380	1,107,380	
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	0	0	0	309,136	528,636	638,386	
135	TN	126-050001	Raw Water Intake Improvements Whitwell			0	0	0	0	0	0	
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0	
137	TN	126-050002		304300	Struct & Imp-Treatment	0	0	0	0	0	0	
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	25,260	25,260	25,260	25,260	25,260	25,260	
139	TN	126-050002		320100	WT Equip Non-Media	171,114	171,114	171,114	171,114	171,114	171,114	
140	TN	126-050002		346190	Remote Control & Instrument	13,481	13,481	13,481	13,481	13,481	13,481	
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			0	0	0	0	0	0	
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596	
143	TN	126-050004		330200	Ground Level Tanks	234,540	234,540	234,540	234,540	234,540	234,540	
144	TN	126-050004		346190	Remote Control & Instrument	8,830	8,830	8,830	8,830	8,830	8,830	
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0	0	0	0	0	
146	TN	126-000001		320200	Water Trmt Equip Filter Media	0	0	0	0	0	0	
147	TN	126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0	
148	TN	126-000001		340200	Computer & Peripheral Equipment	0	0	0	0	0	0	
149												
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:							
151			projections based on project costs through 2020.									
152					Total DV Excluded:							
153			(2) From prior docket #s and sourced accounts.									
154			(3) From actual or estimated in-service data provided by the	company.	Total Surcharge Amt:							
155												
156					SEC Total:							
157												
158					EDI Total:							
159												
160					QIIP Total:							

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

Descriptio	on				_	Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period						
Line#	Bu	siness Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12	
1			RECURRING PROJECTS									
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0	
3	TN	DV		333000	Services	0	0	0	0	0	0	
4 5	TN	DV		335000	Hydrants	0	0	0	0	0	0	
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	221,998	227,721	228,159	231,656	231,844	234,528	
7	TN	Α		331001	Transmission & Distribution Mains	2,316,773	2,364,733	2,368,405	2,397,712	2,399,286	2,421,785	
8	TN	Α		333000	Services	15,805	16,130	16,155	16,354	16,365	16,517	
9	TN	Α		334300	Meter Vaults	38,558	39,552	39,629	40,236	40,269	40,735	
10	TN	Α		335000	Hydrants	100,402	102,698	102,874	104,277	104,353	105,430	
11 12	TN	В	Maine Deplement / Deptement	331001	Transmission & Distribution Maine	0.037.500	0.266.122	0.502.274	0.720.222	0.030.300	10.004.654	
13	TN	В	Mains - Replaced / Restored	333001	Transmission & Distribution Mains Services	9,027,509 950,691	9,266,133 976,398	9,503,374 1,001,957	9,739,233 1,027,367	9,928,209 1,047,726	10,094,654	
	TN	B B									1,065,658	
14 15	IN	В		335000	Hydrants	210,826	216,928	222,995	229,026	233,858	238,114	
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	10,127,870	10,247,809	10,368,281	10,488,794	10,616,701	10,809,549	
17	TN	С		335000	Hydrants	7,497	7,606	7,716	7,825	7,941	8,117	
18												
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	4,303,484	4,327,309	4,351,230	4,375,152	4,392,265	4,404,117	
20	TN	D		333000	Services	55,438	55,884	56,333	56,781	57,101	57,323	
21	TN	D		335000	Hydrants	220,560	222,319	224,086	225,852	227,115	227,991	
22												
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	287,631	293,991	299,302	304,382	308,253	311,335	
24 25	TN	E		335000	Hydrants	254,067	261,995	268,617	274,949	279,776	283,617	
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	311,238	320,274	328,311	335,415	340,464	345,397	
27	TN	F	.,,,,,	335000	Hydrants	1,439,674	1,488,616	1,532,149	1,570,629	1,597,973	1,624,693	
28					,	,,-	,,-	,,	,- ,-	, ,-	, , , , , , , , , , , , , , , , , , , ,	
29	TN	G	Services and Laterals - New	333000	Services	1,855,606	1,975,468	2,095,847	2,216,132	2,335,886	2,433,000	
30												
31	TN	H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0	
32	TN	Н		333000	Services	3,112,814	3,173,691	3,231,979	3,285,821	3,335,275	3,383,845	
33	TN	H		334100	Meters	49,339	50,680	51,963	53,148	54,237	55,306	
34	TN	Н		334200	Meter Installations	147,921	151,939	155,786	159,339	162,603	165,808	
35 36	TN	Н		334300	Meter Vaults	35,710	36,680	37,608	38,466	39,254	40,028	
37	TN	1	Meters - New	334100	Meters	0	0	0	0	0	0	
38	TN	1		334200	Meter Installations	0	0	0	0	0	0	
39												
40	TN	J	Meters - Replaced	334100	Meters	926,829	938,720	954,091	969,668	981,965	985,437	
41	TN	J		334200	Meter Installations	10,673,829	10,842,301	11,060,093	11,280,784	11,455,008	11,504,198	
42						_	_		_			
43 44	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0	
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337	
46	TN	L	,	340200	Computer & Peripheral Equipment	114,556	118,933	119,177	123,452	123,690	127,721	
47	TN	L		340300	Computer Software	3,584	3,721	3,728	3,862	3,869	3,996	
48	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119	
49	TN	L		346190	Remote Control & Instrument	1,062,175	1,086,075	1,087,406	1,110,745	1,112,043	1,134,052	
50						•	•	· ·	· ·	•		
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	30,860	31,845	32,590	33,319	33,854	34,223	
52	TN	M		304200	Struct & Imp-Pumping	0	0	0	0	0	0	
53	TN	M		304300	Structures & Improvement - Treatment	524,255	536,798	546,279	555,544	562,360	567,051	
54	TN	M		304400	Struct & Imp-Treatment-T&D	188,917	194,952	199,514	203,971	207,251	209,508	
55	TN	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193	
56	TN	M		340200	Computer & Peripheral Equipment	9,177	9,470	9,692	9,908	10,068	10,177	

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

The content Property Proper	escriptio					_	Cumulative Balance of In-Serviced Plant, from 2020 Capex, by Period						
No.	ine#			Project Title	Account	Account Description	7	8	9	10	11	12	
19		TN	М		347000	Misc Equipment	19,390	20,010	20,478	20,935	21,272	21,504	
1	59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0	
1		TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0	
	62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0	
Fig. P	63	TN	0		341300		0	0	0	0	0	0	
10		TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0	
18		TNI	0	Process Plant Facilities and Equipment	204100	Struct & Imp Supply	205 294	200 620	201 742	204 702	306 960	308,831	
10				Process Figure 1 actitudes and Equipment								1,409,056	
10												964,856	
1													
1												25,695	
78												82,121	
1						·						12,198	
75												0	
To No						Lake, River & Other Intakes	254,476					274,457	
18		TN			309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862	
78		TN	Q		310000	Power Generation Equip	46,820	47,243	47,635	48,008	48,293	48,528	
79	77	TN	Q		311200	Pump Eqp Electric	104,697	106,366	107,911	109,384	110,507	111,438	
No.	78	TN	Q		311520	Pumping Equipment SOS	2,734,079	2,778,180	2,819,014	2,857,960	2,887,636	2,912,244	
1	79	TN	Q		320100	WT Equip Non-Media	3,862,487	3,902,450	3,939,452	3,974,744	4,001,634	4,023,933	
1	80	TN	Q		320200	Water Trmt Equip Filter Media	1,373,944	1,387,161	1,399,399	1,411,072	1,419,966	1,427,341	
18	81	TN	Q		330000							38,428	
83 TN Q G Meters 0 0 0 0 0 0 84 TN Q G Meters 10 0 0 0 0 0 85 TN Q G May300 Computer Software Other 143,609 152,517 155,209 157,777 159,733 86 TN Q Computer Software Other 1,471 1,499 1,526 1,551 1,570 87 TN Q Computer Software Other 1,471 1,499 1,526 1,551 1,570 88 TN Q C AGA 344000 Computer Software Other 1,475 5,053 5,142 5,273 7,871 88 TN Q C AGA 344000 Permander Control & Instrument 2,088 20,410 20,799 20,933 21,210 91 TN R Capitalized Tank Rehabilitation/Painting 304300 Struct Imp-Treatment-Dpr Paint 1												0	
84 TN Q Computer & Peripheral Equipment 0 0 0 0 0 85 TN Q Computer & Peripheral Equipment 149,609 152,517 155,209 157,777 159,733 86 TN Q Computer Software Other 1,471 1,499 1,526 1,551 1,551 1,551 1,557 87 TN Q Computer Software Other 4,497 5,653 5,142 5,227 5,292 88 TN Q Computer Software Other All Rehability 4,4957 5,653 5,142 5,227 5,292 89 TN Q Computer Software Other All Rehability 4,485 41,485 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td></td<>												0	
85 TN Q Government of the control of							-	-		-		0	
86 TN Q J. 50 340300 Computer Software Other 1.471 1.499 1.526 1.551 1.570 87 TN Q J. 50 343000 Tools, Shop, Garage Equipment 4,957 5,053 5,142 5,227 7,871 89 TN Q J. 50 344000 Laboratory Equipment 41,485								-				161,356	
87 TN Q C 4950 5,052 5,142 5,227 5,292 88 TN Q Ad4000 1Aboratory Equipment 7,377 7,515 7,648 7,774 7,871 90 TN Q 1Al485 14,485 <td></td> <td>1,586</td>												1,586	
88 TN Q Image: Company of the company												5,346	
89 TN Q Q 41,485 4												7,950	
90 TN Q Accounts of the control & instrument 20,088 20,410 20,709 20,933 21,210 91 TN Q 29,096 29,096 29,096 29,092 29,831 30,104 91 TN R Capitalized Tank Rehabilitation/Painting 304301 Struct & Imp-Treatment Dpr Paint 1,250,689 1,250,68													
1												41,485	
92 93 7N R Capitalized Tank Rehabilitation/Painting 304300 Struct & Imp-Treatment 1,250,689 1,250,												21,390	
93 TN R Capitalized Tank Rehabilitation/Painting 304300 Struct & Imp-Treatment 0 0 0 0 0 94 TN R Popular Lance 304301 Struct & Imp-Treatment - Dpr Paint 1,250,689 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489 1,250,489		IN	Q		34/000	Misc Equipment	28,690	29,096	29,472	29,831	30,104	30,331	
94 TN R R Acquisitions 304301 Struct & Imp-Treatment-Dpr Paint 1,250,689 2,50,932 259,832 259,832 259,832 259,832 2,015,456 2,086,668 30,003 3000 20,000 30,600 90,600 90,600 90,600 9		TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0	
95 TN R R Security 100 (Mark 100) WT Equip Non-Media 259,932 (259,932) 259,740 (257,40) 52,740 (257,40)	94	TN	R		304301		1,250,689	1.250.689	1.250.689	1.250.689	1.250.689	1,250,689	
96 TN R R 320200 Water Trmt Equip Filter Media 52,740 52,60,606 52,60,601 52,740 52,740 52,740 52,740 52,740	95	TN	R									259,932	
97 TN R R 1,007,001 1,137,903 1,200,105 1,247,802 1,273,453 98 TN R 1,068,822 2,045,456 2,086,668 99 TN R 0,060 90,600												52,740	
98 TN R 1,668,945 1,868,833 1,968,822 2,045,456 2,086,668 99 TN R 330100 Elevated Tanks & Standpipes 90,600 90												1,277,055	
99 TN R R 190,600 20,600 20,600												2,092,455	
100 TN R R Ground Level Tanks 1,854,92 1,983,812 2,113,332 2,212,650 2,266,061 101 TO S Engineering Studies 331001 Transmission & Distribution Mains 0												90,600	
101 102 TN S Engineering Studies 331001 Transmission & Distribution Mains 0												2,273,561	
102 TN S Engineering Studies 331001 Transmission & Distribution Mains 0<		IIN	N.		330200	Ground Lever ranks	1,034,292	1,903,012	2,113,332	2,212,030	2,200,001	2,273,301	
103 Total Recurring Projects 104 105 105 ACQUISITIONS 106 Total Acquisitions 107 Total Acquisitions 108 CENTRALLY SPONSORED PROJECTS			-	Fortunate & Pro-	224004	To a control of the C	•	•					
104 105 ACQUISITIONS 106 107 Total Acquisitions 108 109 CENTRALLY SPONSORED PROJECTS		IN	5		331001	Transmission & Distribution Mains	0	0	0	0	0	0	
105 ACQUISITIONS 106 Total Acquisitions 107 Total Acquisitions 108 CENTRALLY SPONSORED PROJECTS				Total Recurring Projects									
106 107 Total Acquisitions 108 109 CENTRALLY SPONSORED PROJECTS													
107 Total Acquisitions 108 109 CENTRALLY SPONSORED PROJECTS				ACQUISITIONS									
108 109 CENTRALLY SPONSORED PROJECTS													
109 CENTRALLY SPONSORED PROJECTS				Total Acquisitions									
				CENTRALLY SDONSORED PROJECTS									
110 IN 126-0202 Business iransformation 2010 - 2014 340315 Computer Software Special Deprec Rate			Tac 0202		2402:-	6							
111 TN T26-0203 Business Transformation 2010 - 2014 340315 Computer Software Special Deprec Rate		ΙN	126-0203		340315	Computer Software Special Deprec Rate							
112 Total Centrally Sponsored Projects	112			Total Centrally Sponsored Projects									

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

				<u> </u>		Cumulative Bal	ance of In-Serviced	l Plant, from 2020 C	apex, by Period	
Line #	Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
113										
114		INVESTMENT PROJECTS								
114 115 Ti	N 126-020028		304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116 TI		Citico Plant Improvements Phase 1B (\$8.6)	320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
110 T			346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
117 TI		Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	207,333	207,333	207,333	207,555	207,555	207,333
110 TI		Wastewater Treatiff (& Haifulling Illipi (\$15.5)	304300	Struct & Imp-Pumping Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120 Ti			304400	Struct & Imp-Teatment Struct & Imp-T&D	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120 TI			304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122 T			320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
122 TI			330200	Ground Level Tanks	10,556,541	10,550,541	10,556,541	10,550,541	10,550,541	10,556,541
123 TI			347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
	N 126-020032	Tennessee River Crossing	331001	Transmission & Distribution Mains	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178
	N 126-020034	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	4,103,178	4,103,178	4,103,178	4,103,178	6,262,795	6,598,975
120 T		Chlorine Gas Conversion	320100	WT Equip Non-Media	6,073,150	6,073,150	6,073,150	6,073,150	6,073,150	6,073,150
	N 126-020040		320100	WT Equip Non-Media	0,073,130	0,073,130	0,073,130	0,073,130	0,073,130	0,073,130
	N 126-020044	New Raw Water Intake Citico Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
	N 126-020045	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
	N 126-020038	Filter House #2 Rehab	304300	Struct & Imp-Treatment	759,050	759,050	759,050	759,050	759,050	759,050
	N 126-0200XX			•	•		-			
	N 126-0200XX	River Gorge Dr Transmission Mains River Gorge Booster Station	331001 311200	Transmission & Distribution Mains Pump Egp Electric	1,108,100 1,107,380	1,108,100 1,107,380	1,108,100 1,107,380	1,108,100 1,107,380	1,108,100 1,107,380	1,108,100 1,107,380
		9								
	N 126-0200XX N 126-050001	Replace North Traveling Screen Raw Water Intake Improvements Whitwell	306000	Lake, River & Other Intakes	748,136 0	748,136 0	748,136 0	748,136 0	748,136 0	748,136 0
	N 126-050001	·	304200	Starret & Lana Diversion	0	0	0	0	0	0
	N 126-050002	Facility Upgrades at Whitwell WTP	304300	Struct & Imp-Pumping	0	0	0	0	0	0
	N 126-050002		304400	Struct & Imp-Treatment Struct & Imp-Treatment-T&D	-	25,260	25,260	25,260	25,260	25,260
	N 126-050002		320100	WT Equip Non-Media	25,260 171,114	171,114	171,114	171,114	171,114	171,114
	N 126-050002		346190	Remote Control & Instrument	13,481	13,481	13,481	171,114	13,481	171,114
	N 126-050002	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)	340190	Remote Control & Instrument	15,461	13,461	15,461	15,461	13,461	15,461
	N 126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596
	N 126-050004	Replace 0.1 Mid Storage Talik at Willtwell	330200	Ground Level Tanks	•			234,540	234,540	-
	N 126-050004 N 126-050004		346190	Remote Control & Instrument	234,540 8,830	234,540 8,830	234,540 8,830	8,830	234,540 8,830	234,540 8,830
	N I26-00001	Mile and American Constant Investment	331001	Transmission & Distribution Mains	0,030	0,030	0,030	0,030	0,030	0,030
	N I26-00001	Whitwell Acquisition Capital Investment	320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
	N I26-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
	N 126-000001		340200		0	0	0	0	0	0
146 1	N 120-000001		340200	Computer & Peripheral Equipment	U	U	U	U	U	U
150		(1) Amounts not reflected in actuals through 2018 or		Total DV Included:					-	\$117,532,727
				Total DV Iliciadea.					=	3117,552,727
151		projections based on project costs through 2020.		Total DV Sueluded					-	4447 200 400
152				Total DV Excluded:					=	\$117,298,198
153		(2) From prior docket #s and sourced accounts.		T. 1.10					_	
154		(3) From actual or estimated in-service data provided by the	e company.	Total Surcharge Amt:					_	\$115,099,727
155									_	
156				SEC Total:					_	\$37,222,029
157									=	
158				EDI Total:					<u>-</u>	\$5,394,898
159									-	
133										

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

Revision Date Description

2020

Line #	Ві	usiness Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1			RECURRING PROJECTS					Projects Only)			
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		0	0	0	0	0
4	TN	DV		335000	Hydrants		0	0	0	0	0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	218,985	0	0	4,664	0
7	TN	A		331001	Transmission & Distribution Mains	EDI	2,291,517	0	0	28,644	0
8	TN	Α		333000	Services	EDI	15,633	0	0	174	0
9	TN	Α		334300	Meter Vaults	EDI	38,035	0	0	1,038	0
10	TN	Α		335000	Hydrants	EDI	99,193	0	0	2,281	0
11 12	TNI		Maine Barland / Bartand	331001	Transmission & Distribution Mains	QIIP	0.763.404	(405.074)	0	103,470	232,018
13	TN TN	B B	Mains - Replaced / Restored	333001	Services	QIIP	8,763,481 922,246	(485,871) (3,219)	0	103,470	232,018 62,476
	TN	В		335000	Hydrants	QIIP		(2,422)	0	4,638	1,093
14 15	IIV	ь		555000	riyurants	QIIP	204,075	(2,422)	U	4,030	1,095
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	9,987,441	(2,033,992)	0	99,418	1,068,849
17	TN	c	Manis Criscinculated	335000	Hydrants	QIIP	7,369	(2,033,332)	0	169	0
18					,		.,				
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	4,278,037	(299,093)	(2,138,244)	23,009	134,150
20	TN	D		333000	Services	QIIP	54,961	0	(29,877)	278	50,834
21	TN	D		335000	Hydrants	QIIP	218,681	(64,148)	(118,055)	839	0
22											
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	282,414	0	0	3,530	0
24	TN	E		335000	Hydrants	EDI	247,563	(882)	(58,274)	4,333	933
25											
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	303,944	(47,202)	0	3,209	58,853
27	TN	F		335000	Hydrants	QIIP	1,400,168	(214,814)	(14,227)	26,936	121,067
28		_									
29	TN	G	Services and Laterals - New	333000	Services		1,757,964	0	0	19,513	0
30			Control of the Control	224.004	Township of Branch Rose Marin	OUD		(7.500)	•	(05)	4 240
31 32	TN TN	H H	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP QIIP	0 3,044,723	(7,589)	0	(95) 31,563	1,340
33	TN	Н		333000 334100	Services Meters	QIIP	3,044,723 47,841	(201,225) (16,328)	0	2,354	622,367 12,259
34	TN	Н		334200	Meter Installations	QIIP	143,427	(5,009)	0	3,779	877
35	TN	н		334300	Meter Vaults	QIIP	34,625	(3,003)	0	945	1,496
36				334300	Wicter vaults	QIII	34,023	Ü	· ·	545	1,430
37	TN	1	Meters - New	334100	Meters		0	0	0	0	0
38	TN	1		334200	Meter Installations		0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	QIIP	924,356	(3,528,729)	0	(194,547)	364,926
41	TN	J		334200	Meter Installations	QIIP	10,638,798	(896,256)	0	265,971	1,607,877
42											
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0	0	0	0
44											
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	268,337	(18,368)	0	2,725	10,453
46	TN	L		340200	Computer & Peripheral Equipment	SEC	113,476	0	0	2,485	2,449
47	TN	L		340300	Computer Software	SEC	3,550	0	0	65	0
48	TN	L		346100	Comm Equip Non-Telephone	SEC	41,119	(204.120)	0	1,731	0
49 50	TN	L		346190	Remote Control & Instrument	SEC	1,056,280	(204,120)	0	35,876	95,939
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	30,270	0	0	599	0
52	TN	M	Security Equipment and Systems	304200	Struct & Imp-Supply Struct & Imp-Pumping	SEC	30,270	(17,678)	0	(350)	4,187
53	TN	M		304300	Struct & Imp-rumping Structures & Improvement - Treatment	SEC	516,750	(37,713)	0	19,688	22,861
54	TN	M		304400	Struct & Improvement - Treatment Struct & Improvement - Treatment	SEC	185,306	(37,713)	0	3,947	0
55	TN	M		304500	Structures & Improvement - General	SEC	6,193	0	0	70	0
56	TN	M		340200	Computer & Peripheral Equipment	SEC	9,002	0	0	197	0
55				340200	comparer a recipieral Equipment	320	3,002	U	9	137	

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

Revision Date Description

2020

57 58		No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
58	TN	M		347000	Misc Equipment	SEC	19,019	Projects Only)	0	1,204	0
59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0	0	0	0
60	TN	0	Vehicles	341100	Tenance station Family 14 Duty Tenals		0	0	0	0	0
	TN	0	veriicles	341200	Transportation Equip Lt Duty Trucks Transportation Equip Hvy Duty Trucks		0	0	0	0	0
	TN	0		341300	Transportation Equip Avy Duty Trucks Transportation Equip Autos		0	0	0	0	0
64		Ü		341300	Transportation Equip Autos		· ·	· ·	· ·	Ü	Ü
	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0	0	0	0
	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	291,857	0	0	5,779	874
68	TN	Q		304200	Struct & Imp-Pumping	SEC	1,280,518	(122,008)	0	22,939	42,639
69	TN	Q		304300	Struct & Imp-Treatment	SEC	877,489	(182,336)	0	28,571	81,249
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	25,691	0	0	547	0
	TN	Q		304500	Structures & Improvement - General	SEC	77,158	0	0	872	277
	TN	Q		304600	Struc &Imp-Offices	SEC	11,086	0	0	125	0
	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	0	(7,869)	0	(57)	1
	TN	Q		306000	Lake, River & Other Intakes	SEC	249,421	(73,272)	0	1,462	12,355
	TN	Q		309000	Supply Mains	SEC	9,862	0	0	184	0
	TN TN	Q Q		310000 311200	Power Generation Equip Pump Eqp Electric	SEC SEC	46,388 102,992	(228,733)	0	5,720 (3,081)	115 70,717
	TN	Q		311520	Pumping Equipment SOS	SEC	2,689,003	(85,066)	0	47,652	62,022
	TN	Q		320100	WT Equip Non-Media	SEC	3,821,640	(914,315)	0	31,690	792,073
	TN	Q		320200	Water Trmt Equip Filter Media	SEC	1,360,434	(492,152)	0	292,524	460,312
	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	34,923	0	0	726	0
	TN	Q		331001	Transmission & Distribution Mains	SEC	0	(1,011)	0	(13)	237
	TN	Q		334100	Meters	SEC	0	0	0	0	0
	TN	Q		340200	Computer & Peripheral Equipment	SEC	0	0	0	0	105
85	TN	Q		340300	Computer Software	SEC	146,637	0	0	2,683	0
86	TN	Q		340330	Computer Software Other	SEC	1,441	0	0	26	0
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	4,858	(3,994)	0	60	0
88	TN	Q		344000	Laboratory Equipment	SEC	7,225	(151,566)	0	(1,458)	1,876
	TN	Q		345000	Power Operated Equipment	SEC	41,485	(11,283)	0	2,123	1,676
	TN	Q		346190	Remote Control & Instrument	SEC	19,758	(4,578)	0	639	0
91 92	TN	Q		347000	Misc Equipment	SEC	28,275	(5,561)	0	1,438	3,451
	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	0	(94,900)	0	(3,900)	0
	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,250,689	(170,157)	0	130,312	661,770
	TN	R		320100	WT Equip Non-Media	QIIP	259,932	(123,785)	0	1,484	89,500
	TN	R		320200	Water Trmt Equip Filter Media	QIIP	52,740	(36,378)	0	5,512	206,460
	TN TN	R R		330000	Dist Reservoirs & Standpipes	QIIP	1,006,573	(200,001)	0	20,937	0
	TN	R R		330003 330100	Tank Repainting	QIIP QIIP	1,657,878	(308,891) 0	0	149,468 2,482	580,347 0
	TN	R R		330200	Elevated Tanks & Standpipes Ground Level Tanks	QIIP	90,600 1,710,349	(446)	0	2,482 46,851	977
101	114	K		330200	Ground Level ranks	QIII	1,710,343	(440)	0	40,831	377
	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0	0	0	0
103		-	Total Recurring Projects				•	•	-	•	-
104			3 .,								
105			ACQUISITIONS								
106											
107 108			Total Acquisitions								
109			CENTRALLY SPONSORED PROJECTS								
	TN T	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0	0	0	0
		T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate		0	0	0	0	0
112			Total Centrally Sponsored Projects								

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee

Revision Date Description

Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	6,103,569	0	0	250,857	0
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	2,108,898	(47,846)	0	22,465	850,267
117	TN	126-020028		346190	Remote Control & Instrument	QIIP	207,335	0	0	8,729	0
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	0	(14,622)	0	(290)	243,354
119	TN	126-020032		304300	Struct & Imp-Treatment	SEC	4,141,710	(54,346)	0	167,991	1,535,662
120	TN	126-020032		304400	Struct & Imp-T&D	SEC	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	SEC	1,062,411	0	ŭ	12,005	0
122	TN	126-020032		320100	WT Equip Non-Media	SEC	10,336,541 0	(305)	0	112,665	577
123	TN	126-020032		330200	Ground Level Tanks	SEC	-	-	ū	•	0
124	TN	126-020032	T	347000	Misc Equipment	SEC	5,946	0	0	376	0
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	QIIP	4,163,178	· ·	ū	52,040	ŭ
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	QIIP	989,367	(1,158,137)	0	(1,840)	750,000
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	SEC	6,020,386	(155,763)	0	63,924	50,000
128	TN	126-020044	New Raw Water Intake Citico	204200	Charles Tourism	SEC	0	(2.607)	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	0	(2,607)	-	(107)	1,000,000
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	0	(4,089)	0	(45)	500,000
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	467,108	0	0	19,198	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	767,146	0	0	9,589	0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	937,013	0	0	22,957	0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	458,844	0	0	3,808	0
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP	0	(=0)	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	0	(76,471)	0	(1,514)	92,478
137	TN	126-050002		304300	Struct & Imp-Treatment	SEC	0	(733)	0	(30)	2,475
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	SEC	25,260	0	0	538	0
139	TN	126-050002		320100	WT Equip Non-Media	SEC	171,114	0	0	1,865	0
140	TN	126-050002		346190	Remote Control & Instrument	SEC	13,481	(6,125)	0	310	5,279
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP	0		0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	58,596	0	0	1,248	0
143	TN	126-050004		330200	Ground Level Tanks	SEC	234,540	(3,369)	0	6,334	26,100
144	TN	126-050004		346190	Remote Control & Instrument	SEC	8,830	0	0	372	0
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	0		0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	0		0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	0		0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	0		0	0	0
149			(4) 4		Total DV Included		4402 542 054	(64.2 527.272)	(62.250.577)	42.002.200	442 502 520
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:		\$103,612,951	(\$12,627,372)	(\$2,358,677)	\$2,062,300	\$12,602,529
151			projections based on project costs through 2020.								
152					Total DV Excluded:		\$103,393,966	(\$12,627,372)	(\$2,358,677)	\$2,057,636	\$12,602,529
153			(2) From prior docket #s and sourced accounts.								
154			(3) From actual or estimated in-service data provided by the	company.	Total Surcharge Amt:		\$101,854,987	(\$12,627,372)	(\$2,358,677)	\$2,042,787	\$12,602,529
155											
156					SEC Total:		\$35,915,099	(\$2,873,357)	\$0	\$878,992	\$3,621,793
157											
158					EDI Total:		\$4,678,514	(\$882)	(\$58,274)	\$72,547	\$933
159											
160					QIIP Total:		\$61,042,389	(\$9,753,133)	(\$2,300,403)	\$1,086,583	\$8,979,803

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/22/18

Description TN BP 2019-20 T TN BP 2019-2023 SCEP

Line #	Bus	siness Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2018 SCEP Reforecast	Prior 2018 SCEP In- Serviced
1			RECURRING PROJECTS									
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	0.0%	1	1.25%				\$0
3	TN	DV		333000	Services	0.0%	1	1.11%				0
4	TN	DV		335000	Hydrants	0.0%	1	2.30%				0
5 6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	10.0%	1	2.13%				104,691
7	TN	A	mans new	331001	Transmission & Distribution Mains	83.7%	1	1.25%				1,333,654
8	TN	A		333000	Services	0.6%	1	1.11%				9,131
9	TN	A		334300	Meter Vaults	1.7%	1	2.73%				18,184
10	TN	Α		335000	Hydrants	4.0%	1	2.30%				53,335
11					•							•
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	88.2%	1	1.25%				5,792,864
13	TN	В		333000	Services	9.5%	1	1.11%				602,211
14	TN	В		335000	Hydrants	2.3%	1	2.30%				128,112
15												
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	99.9%	1	1.25%				7,357,687
17	TN	С		335000	Hydrants	0.1%	1	2.30%				4,979
18												
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	91.5%	1	1.25%				3,900,718
20	TN	D		333000	Services	1.7%	1	1.11%				47,893
21	TN	D		335000	Hydrants	6.8%	1	2.30%				190,820
22	TNI	-	Historia Malana and Manhalas Nass	224004	Transmission & Distribution Marine	44.50/	4	1.250/				101 601
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	44.5%	1	1.25%				191,601
24 25	TN	E		335000	Hydrants	55.5%	1	2.30%				134,351
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	15.6%	1	1.25%				196,998
27	TN	F	riyurants, vaives, and mannoles - Replaced	335000	Hydrants	84.4%	1	2.30%				820,905
28				333000	riyarants	04.470	-	2.3070				020,303
29 30	TN	G	Services and Laterals - New	333000	Services	100.0%	1	1.11%				0
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
32	TN	Н		333000	Services	90.6%	1	1.11%				2,074,366
33	TN	Н		334100	Meters	2.0%	1	7.47%				26,480
34	TN	Н		334200	Meter Installations	6.0%	1	2.73%				79,386
35	TN	Н		334300	Meter Vaults	1.4%	1	2.73%				19,165
36												
37	TN	1	Meters - New	334100	Meters	0.0%	1	7.47%				0
38	TN	I		334200	Meter Installations	0.0%	1	2.73%				0
39 40		J	Marine Builder	334100		6.6%	1	7.47%				502.705
40	TN TN	J	Meters - Replaced	334200	Meters Meter Installations	93.4%	1	2.73%				603,786
42	IIV	,		334200	Weter Histaliations	95.4%	1	2.7570				6,096,877
43 44	TN	К	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	0.0%	1	1.09%				268,337
46	TN	Ĺ	SCADA Equipment and Systems	340200	Computer & Peripheral Equipment	15.4%	1	2.19%				79,653
47	TN	L		340300	Computer Software	0.5%	1	1.83%				2,492
48	TN	L		346100	Comm Equip Non-Telephone	0.0%	1	4.21%				41,119
49	TN	L		346190	Remote Control & Instrument	84.1%	1	4.21%				871,624
50		-		2.220			-					
51	TN	М	Security Equipment and Systems	304100	Struct & Imp-Supply	4.8%	1	1.98%				20,271
52	TN	М	· · · · ·	304200	Struct & Imp-Pumping	0.0%	1	1.98%				0
53	TN	М		304300	Structures & Improvement - Treatment	61.3%	1	4.11%				389,532
54	TN	М		304400	Struct & Imp-Treatment-T&D	29.5%	1	2.13%				124,095
55	TN	М		304500	Structures & Improvement - General	0.0%	1	1.13%				6,193
56	TN	M		340200	Computer & Peripheral Equipment	1.4%	1	2.19%				6,028

STRATEGIC CAPITAL EXPENDITURE PLAN

PROGRAM

Business Unit Tennessee
Revision Date 10/22/18

Description TN BP 2019-20 T TN BP 2019-2023 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2018 SCEP Reforecast	Prior 2018 SCEP In- Serviced
57 58	TN	М		347000	Misc Equipment	3.0%	1	6.33%				12,737
59	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0.0%	1	1.13%				0
60 61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0.0%	1	16.00%				0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0.0%	1	16.62%				0
63	TN	o		341300	Transportation Equip Autos	0.0%	1	11.38%				0
64		Ü		311300	Transportation Equip Autos	0.070	-	11.5070				•
65 66	TN	P	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0.0%	1	6.89%				0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	2.1%	1	1.98%				237,419
68	TN	Q		304200	Struct & Imp-Pumping	16.3%	1	1.98%				868,258
69	TN	Q		304300	Struct & Imp-Treatment	11.1%	1	4.11%				597,277
70	TN	Q		304400	Struct & Imp-Treatment-T&D	0.0%	1	2.13%				25,679
71	TN	Q		304500	Structures & Improvement - General	0.6%	1	1.13%				61,239
72	TN	Q		304600	Struc &Imp-Offices	0.1%	1	1.13%				7,517
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0.0%	1	0.73%				7,517
73 74	TN			306000			1	0.73%				
74 75	TN	Q Q		309000	Lake, River & Other Intakes	3.2% 0.0%	1	1.87%				169,120
					Supply Mains		=					9,862
76	TN	Q		310000	Power Generation Equip	0.3%	1	12.33%				39,524
77	TN	Q		311200	Pump Eqp Electric	1.1%	1	2.45%				75,902
78	TN	Q		311520	Pumping Equipment SOS	28.2%	1	1.83%				1,973,004
79	TN	Q		320100	WT Equip Non-Media	25.6%	1	1.09%				3,172,823
80	TN	Q		320200	Water Trmt Equip Filter Media	8.5%	1	33.69%				1,145,843
81	TN	Q		330000	Dist Reservoirs & Standpipes	0.4%	1	2.08%				23,679
82	TN	Q		331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
83	TN	Q		334100	Meters	0.0%	1	7.47%				0
84	TN	Q		340200	Computer & Peripheral Equipment	0.0%	1	2.19%				0
85	TN	Q		340300	Computer Software	1.9%	1	1.83%				99,427
86	TN	Q		340330	Computer Software Other	0.0%	1	1.83%				977
87	TN	Q		343000	Tools, Shop, Garage Equipment	0.1%	1	6.89%				3,294
88	TN	Q		344000	Laboratory Equipment	0.1%	1	1.01%				4,899
89	TN	Q		345000	Power Operated Equipment	0.0%	1	7.03%				41,485
90	TN	Q		346190	Remote Control & Instrument	0.2%	1	4.21%				14,524
91 92	TN	Q		347000	Misc Equipment	0.3%	1	6.33%				21,681
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0.0%	1	4.11%				0
94	TN	R	.,	304301	Struct & Imp-Treatment-Dpr Paint	0.0%	1	12.06%				1,250,689
95	TN	R		320100	WT Equip Non-Media	0.0%	1	1.09%				259,932
96	TN	R		320200	Water Trmt Equip Filter Media	0.0%	1	33.69%				52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	21.3%	1	2.08%				472,407
98	TN	R		330003	Tank Repainting	34.3%	1	11.08%				799,647
99	TN	R		330100	Elevated Tanks & Standpipes	0.0%	1	2.74%				90,599
100	TN	R		330200	Ground Level Tanks	44.4%	1	2.74%				598,079
101				330200	Ground Lever runks	44.470	-	2.7470				330,073
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0.0%	1	1.25%				0
103	1114	3	= = =	331001	Transmission & Distribution Mains	0.078	1	1.23/0				Ü
103			Total Recurring Projects									

105			ACQUISITIONS									
106												
107			Total Acquisitions									
108												
109			CENTRALLY SPONSORED PROJECTS									
110		T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			10.00%				0
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate			10.00%				0
112			Total Centrally Sponsored Projects									

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee
Revision Date 10/22/18

Description TN BP 2019-20 T TN BP 2019-2023 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Portion to Account (2)	In-Service (Months) (3)	Dep Rate	Prior Year Period 11 Spend	Prior Year Period 12 Spend	2018 SCEP Reforecast	Prior 2018 SCEP In- Serviced
113										Inception to Date	2018 SCEP	
114			INVESTMENT PROJECTS							Spend	Reforecast	
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment		6/1/2016	4.11%				6,103,569
116	TN	126-020028		320100	WT Equip Non-Media		6/1/2016	1.09%				2,108,898
117	TN	126-020028		346190	Remote Control & Instrument		6/1/2016	4.21%				207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping		11/1/2015	1.98%				0
119	TN	126-020032		304300	Struct & Imp-Treatment		11/1/2015	4.11%				4,141,710 0
120 121	TN TN	126-020032 126-020032		304400 304500	Struct & Imp-T&D Structures & Improvement - General		11/1/2015	2.13% 1.13%				1,062,411
121	TN	126-020032		304500	•		11/1/2015 11/1/2015	1.13%				10,336,541
123	TN	126-020032		330200	WT Equip Non-Media Ground Level Tanks		11/1/2015	2.74%				10,336,541
123	TN	126-020032		347000	Misc Equipment		11/1/2015	6.33%				5,946
125	TN	126-020032	Tennessee River Crossing	331001	Transmission & Distribution Mains		7/31/2019	1.25%			1,748,969 (1)	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media		10/31/2020	1.09%			1,740,303 (1)	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media		11/4/2019	1.09%		2,325,354 (1)		0
128	TN	126-020044	New Raw Water Intake Citico	320100	TT Equip Hon Media		3/15/2024	1.0370		2,525,55 . (1)		0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment		12/31/2019	4.11%				0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media		4/30/2020	1.09%				0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment		5/30/2020	4.11%				0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains		4/1/2020	1.25%				0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric		2/1/2020	2.45%				0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes		4/1/2020	0.83%				0
135	TN	126-050001	Raw Water Intake Improvements Whitwell				12/1/2024					0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping		12/29/2017	1.98%				0
137	TN	126-050002		304300	Struct & Imp-Treatment		12/29/2017	4.11%				0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D		12/29/2017	2.13%				25,260
139	TN	126-050002		320100	WT Equip Non-Media		12/29/2017	1.09%				171,114
140	TN	126-050002		346190	Remote Control & Instrument		12/29/2017	4.21%				13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)				9/15/2022					0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D		12/31/2017	2.13%				58,596
143	TN	126-050004		330200	Ground Level Tanks		12/31/2017	2.74%				234,540
144	TN	126-050004		346190	Remote Control & Instrument		12/31/2017	4.21%				8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains		12/31/2014	1.25%				0
146	TN	126-000001		320200	Water Trmt Equip Filter Media		12/31/2014	33.69%				0
147	TN	126-000001		311520	Pumping Equipment SOS		12/31/2014	1.83%				0
148	TN	126-000001		340200	Computer & Peripheral Equipment		12/31/2014	2.19%				0
149			(4) 4		Tatal DV In alcoholo						-	450 205 024
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:						=	\$68,206,031
151			projections based on project costs through 2020.		Tulove I I I						-	4
152					Total DV Excluded:						=	\$68,101,340
153			(2) From prior docket #s and sourced accounts.		Tatal Compliance Austr						-	******
154			(3) From actual or estimated in-service data provided by the c	company.	Total Surcharge Amt:							\$68,206,031
155											-	
156					SEC Total:							\$26,473,944
157											-	
158					EDI Total:							\$1,740,256
159											-	400.000
160					QIIP Total:							\$39,887,140

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

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Description TN BP 2019-20 T TN BP 2019-2023 SCEP

				-		Cumulative Bala	nce of in-Serviced	Plant, from 2019 C	apex, by Period		
Line #	Bu	ısiness Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services	0	0	0	0	0	0
4	TN	DV		335000	Hydrants	0	0	0	0	0	0
5											
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	107,688	110,684	121,171	131,657	142,144	152,132
7	TN	Α		331001	Transmission & Distribution Mains	1,358,765	1,383,876	1,471,763	1,559,651	1,647,538	1,731,241
8	TN	Α		333000	Services	9,302	9,472	10,069	10,665	11,262	11,830
9	TN	Α		334300	Meter Vaults	18,704	19,224	21,046	22,867	24,689	26,424
10	TN	Α		335000	Hydrants	54,537	55,739	59,947	64,155	68,362	72,370
11											
12	TN	В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	5,872,278	5,960,516	6,070,813	6,203,169	6,366,408	6,595,826
13	TN	В		333000	Services	610,767	620,273	632,156	646,415	664,001	688,717
14	TN	В		335000	Hydrants	130,143	132,399	135,220	138,604	142,778	148,645
15											
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	7,512,213	7,666,490	7,821,016	7,975,543	8,105,092	8,234,641
17	TN	С		335000	Hydrants	5,119	5,259	5,400	5,540	5,658	5,776
18											
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	3,914,447	3,932,752	3,960,210	3,987,669	4,015,127	4,038,008
20	TN	D		333000	Services	48,150	48,493	49,007	49,522	50,036	50,465
21	TN	D		335000	Hydrants	191,833	193,185	195,213	197,240	199,268	200,957
22											
23	TN	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	196,386	201,282	206,179	211,186	217,529	223,872
24	TN	E		335000	Hydrants	140,316	146,420	152,523	158,766	166,673	174,581
25											
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	201,147	205,336	209,524	217,648	225,772	233,895
27	TN	F		335000	Hydrants	843,380	866,067	888,753	932,754	976,756	1,020,757
28					,	,	,		, .		,, -
29	TN	G	Services and Laterals - New	333000	Services	92,667	185,334	278,751	376,168	473,835	571,502
30						. ,	,	-,	,	-,	,,,,
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32	TN	Н		333000	Services	2,123,281	2,173,329	2,224,237	2,276,052	2,333,301	2,392,453
33	TN	Н		334100	Meters	27,556	28,658	29,779	30,919	32,180	33,482
34	TN	Н		334200	Meter Installations	82,615	85,918	89,277	92,697	96,475	100,379
35	TN	н		334300	Meter Vaults	19,944	20,742	21,553	22,378	23,290	24,233
36						,	,	,	,	,	,
37	TN	1	Meters - New	334100	Meters	0	0	0	0	0	0
38	TN	i		334200	Meter Installations	0	0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	620,362	636,938	656,811	689,869	722,927	756,050
41	TN	j		334200	Meter Installations	6,331,733	6,566,590	6,848,150	7,316,525	7,784,900	8,254,195
42		,		33 1200	Weter instanctions	0,552,755	0,500,550	0,010,250	7,510,525	7,701,500	0,23 1,233
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
44		IX.	113 Equipment and Systems	340200	compater & remplierar Equipment	· ·	o o	· ·	Ü	· ·	· ·
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
46	TN	Ĺ	So. to . Equipment and Systems	340200	Computer & Peripheral Equipment	79,653	82,889	82,889	86,894	86,894	91,131
47	TN	Ĺ		340300	Computer Software	2,492	2,593	2,593	2,718	2,718	2,851
48	TN	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
49	TN	L		346190	Remote Control & Instrument	871,624	889,288	889,288	911,157	911,157	934,287
50	IIV	L		340190	nemote control & manufill	0/1,024	003,200	003,200	311,137	311,137	334,207
51	TN	М	Socurity Equipment and Systems	304100	Struct & Imp-Supply	20,873	21,475	22,076	22,678	23,280	23,882
			Security Equipment and Systems		Struct & Imp-Supply	20,873		22,076			23,882
52	TN	M		304200	Struct & Imp-Pumping	-	0	-	0	0	-
53	TN	M		304300	Structures & Improvement - Treatment	397,189	404,846	412,503	420,160	427,817	435,474
54	TN	M		304400	Struct & Imp-Treatment-T&D	127,780	131,464	135,148	138,832	142,516	146,200
55	TN	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
56	TN	М		340200	Computer & Peripheral Equipment	6,207	6,386	6,565	6,744	6,923	7,102

STRATEGIC CAPITAL EXPENDITURE PLAN

Business Unit Tennessee
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PROGRAM

Description TN BP 2019-20 T TN BP 2019-2023 SCEP

				=		Cumulative Bala	nce of in-serviced	Plant, from 2019 Ca	ipex, by Period		
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
57 58	TN	М		347000	Misc Equipment	13,115	13,493	13,871	14,249	14,628	15,006
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos	0	0	0	0	0	0
64											
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	239,352	241,285	244,184	247,083	250,412	254,064
68	TN	Q		304200	Struct & Imp-Pumping	882,896	897,534	919,492	941,449	966,659	994,309
69	TN	Q		304300	Struct & Imp-Treatment	607,227	617,176	632,100	647,025	664,160	682,954
70	TN	Q		304400	Struct & Imp-Treatment-T&D	25,679	25,680	25,680	25,681	25,682	25,683
71	TN	Q		304500	Structures & Improvement - General	61,804	62,369	63,217	64,065	65,039	66,106
72	TN	Q		304600	Struc &Imp-Offices	7,643	7,770	7,960	8,150	8,369	8,608
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	171,971	174,823	179,099	183,376	188,287	193,672
75	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	39,767	40,011	40,377	40,742	41,162	41,622
77	TN	Q		311200	Pump Eqp Electric	76,864	77,826	79,269	80,712	82,368	84,185
78	TN	Q		311520	Pumping Equipment SOS	1,998,427	2,023,850	2,061,984	2,100,119	2,143,903	2,191,924
79	TN	Q		320100	WT Equip Non-Media	3,195,861	3,218,899	3,253,455	3,288,011	3,327,687	3,371,202
80	TN	Q		320200	Water Trmt Equip Filter Media	1,153,462	1,161,082	1,172,511	1,183,940	1,197,063	1,211,455
81	TN	Q		330000	Dist Reservoirs & Standpipes	24,078	24,478	25,077	25,675	26,363	27,117
82	TN	Q		331001	Transmission & Distribution Mains	0	0	0	0	0	0
83	TN	Q		334100	Meters	0	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
85	TN	Q		340300	Computer Software	101,104	102,780	105,294	107,809	110,695	113,862
86	TN	Q		340330	Computer Software Other	994	1,010	1,035	1,060	1,088	1,119
87 88	TN TN	Q		343000	Tools, Shop, Garage Equipment	3,350	3,405	3,488	3,572	3,667	3,772
		Q Q		344000	Laboratory Equipment	4,982	5,064	5,188	5,312	5,454	5,610
89 90	TN TN	Q Q		345000 346190	Power Operated Equipment Remote Control & Instrument	41,485	41,485 14,896	41,485	41,485 15,454	41,485 15,774	41,485 16,125
91	TN	Q		347000	Misc Equipment	14,710 21,915	22,149	15,175 22,500	22,852	23,255	23,697
92										•	
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
95	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
96	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
97 98	TN TN	R R		330000 330003	Dist Reservoirs & Standpipes Tank Repainting	472,407 799,647	472,407 799,647	472,407 799,647	525,724 885,310	579,041 970,973	632,358 1,056,637
99	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,599	90,599	90,599
100	TN	R		330200	Ground Level Tanks	598,079	598,079	598,079	709,099	820,118	931,138
101	114	K		330200	Ground Level ranks	338,073	338,073	338,073	703,033	820,118	331,136
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0	0	0	0	0	0
103		J	Total Recurring Projects	331001	Transmission & Distribution Mains	Ü	ŭ	· ·	· ·	· ·	ŭ
104			Total Necaling Frojects								
105			ACQUISITIONS								
106											
107			Total Acquisitions								
108											
109			CENTRALLY SPONSORED PROJECTS								
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
111	TN	T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
112			Total Centrally Sponsored Projects								
			• •								

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 Business Unit
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 Description
 TN BP 2019-20 T TN BP 2019-2023 SCEP

							Cumulative Bala	ince or in-Serviced	Plant, from 2019 Ca	ipex, by Period	
Line #		Business Unit No.	Project Title	Account	Account Description	1	2	3	4	5	6
113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028		320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032	5 1 ,	304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	0	0	0	0	0	0
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	0	0	0	0	0	0
128	TN	126-020044	New Raw Water Intake Citico		4.7	0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	0	0	0	0	0	0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	0	0	0	0	0	0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	0	0	0	0	0	0
135	TN	126-050001	Raw Water Intake Improvements Whitwell	300000	Lake, River & Other Intakes	0	0	0	0	0	0
136	TN	126-050001	•	304200	Struct & Imp Dumping	0	0	0	0	0	0
137	TN	126-050002	Facility Upgrades at Whitwell WTP		Struct & Imp-Pumping	0	0	0	0	0	0
				304300	Struct & Imp-Treatment	-					-
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	25,260	25,260	25,260	25,260	25,260	25,260
139	TN	126-050002		320100	WT Equip Non-Media	171,114	171,114	171,114	171,114	171,114	171,114
140	TN	126-050002	D I 0 5 MC (1 T I ML (2 II / 6 5)	346190	Remote Control & Instrument	13,481	13,481	13,481	13,481 0	13,481 0	13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			0	0	0			0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596
143	TN	126-050004		330200	Ground Level Tanks	234,540	234,540	234,540	234,540	234,540	234,540
144	TN	126-050004		346190	Remote Control & Instrument	8,830	8,830	8,830	8,830	8,830	8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	0	0	0	0	0	0
149											
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:						
151			projections based on project costs through 2020.								
152					Total DV Excluded:						
153			(2) From prior docket #s and sourced accounts.								
154			(3) From actual or estimated in-service data provided by	the company.	Total Surcharge Amt:						
155											
156					SEC Total:						
157					320 131011						
158					EDI Total:						
159					EDI Total.						
					oup =						
160					QIIP Total:						

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

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Description TN BP 2019-20 T TN BP 2019-2023 SCEP

					-		Cumulative Bala	ance of in-Serviced	Plant, from 2019 C	apex, by Period	
Line #	Busine N	ess Unit Io.	Project Title	Account	Account Description	7	8	9	10	11	12
1			RECURRING PROJECTS								
2		V	Projects Funded by Others	331001	Transmission & Distribution Mains	\$0	\$0	\$0	\$0	\$0	\$0
3	TN D	V		333000	Services	0	0	0	0	0	0
4	TN D	ΟV		335000	Hydrants	0	0	0	0	0	0
5											
6		A	Mains - New	304400	Struct & Imp-Treatment-T&D	162,119	172,107	182,094	192,082	202,069	204,566
7		A		331001	Transmission & Distribution Mains	1,814,943	1,898,645	1,982,348	2,066,050	2,149,752	2,170,678
8		Α		333000	Services	12,398	12,966	13,534	14,103	14,671	14,813
9		A		334300	Meter Vaults	28,158	29,893	31,628	33,362	35,097	35,531
10	TN A	A		335000	Hydrants	76,377	80,384	84,392	88,399	92,406	93,408
11	TN F	n	Maine Devlered / Devlered	224004	Tananaissian & Distribution Marina	6 025 242	7 001 710	7.150.124	7 275 255	7 201 140	7 447 240
12		В	Mains - Replaced / Restored	331001	Transmission & Distribution Mains	6,825,243	7,001,718	7,156,134	7,275,255	7,381,140	7,447,318
13		В		333000	Services	713,433	732,445	749,081	761,914	773,322	780,451
14 15	TN E	В		335000	Hydrants	154,511	159,024	162,973	166,019	168,726	170,419
16	TN (С	Mains - Unscheduled	331001	Transmission & Distribution Mains	0.264.101	0.403.740	0.640.366	8,802,543	0.050.030	0.111.003
17		C	iviains - Unscheduled	335001		8,364,191	8,493,740 6,011	8,648,266	6,292	8,956,820 6,432	9,111,093
18	III C	C		333000	Hydrants	5,894	6,011	6,152	0,292	0,432	6,573
19	TN [D	Mains - Relocated	331001	Transmission & Distribution Mains	4,060,890	4,083,772	4,106,654	4,129,535	4,143,264	4,152,417
20		D	Mans Relocated	333000	Services	50,893	51,322	51,751	52,179	52,437	52,608
21		D		335000	Hydrants	202,647	204,336	206,026	207,716	208,729	209,405
22	114	D		333000	Tryutants	202,047	204,330	200,020	207,710	208,723	209,403
23	TN E	E	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	230,214	236,557	241,453	246,238	251,023	255,697
24		E	Try draines, varies, and maintaines	335000	Hydrants	182,488	190,395	196,499	202,464	208,429	214,256
25		_		333000	Trydiants	102,400	130,333	130,433	202,404	200,423	214,250
26	TN F	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	242,019	250,143	254,429	258,364	262,299	265,884
27		F	riyarants, varves, and mannoles replaced	335000	Hydrants	1,064,758	1,108,760	1,131,974	1,153,288	1,174,603	1,194,019
28		i		333000	Tryutants	1,004,738	1,108,700	1,131,574	1,133,200	1,174,003	1,134,013
29	TN C	G	Services and Laterals - New	333000	Services	667,919	761,336	854,503	947,670	1,040,337	1,133,000
30		•	Services and Editorals Treff	333000	Services	007,515	,01,550	03 1,303	317,070	1,0 10,557	1,133,000
31	TN H	н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	0	0	0	0	0	0
32		Н		333000	Services	2,450,608	2,503,328	2,556,048	2,607,002	2,656,823	2,705,739
33		Н		334100	Meters	34,762	35,922	37,083	38,205	39,301	40,378
34		Н		334200	Meter Installations	104,217	107,697	111,176	114,539	117,827	121,055
35		Н		334300	Meter Vaults	25,159	25,999	26,839	27,651	28,445	29,224
36							,		,	,	
37	TN I	I	Meters - New	334100	Meters	0	0	0	0	0	0
38	TN I	I		334200	Meter Installations	0	0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	789,163	822,221	842,094	857,681	871,026	884,306
41	TN	J		334200	Meter Installations	8,723,345	9,191,720	9,473,280	9,694,125	9,883,203	10,071,356
42											
43	TN I	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment	0	0	0	0	0	0
44											
45	TN I	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	268,337	268,337	268,337	268,337	268,337	268,337
46	TN I	L		340200	Computer & Peripheral Equipment	91,131	95,368	95,368	98,449	98,449	101,530
47		L		340300	Computer Software	2,851	2,983	2,983	3,080	3,080	3,176
48	TN I	L		346100	Comm Equip Non-Telephone	41,119	41,119	41,119	41,119	41,119	41,119
49	TN I	L		346190	Remote Control & Instrument	934,287	957,418	957,418	974,240	974,240	991,063
50											
51	TN N	M	Security Equipment and Systems	304100	Struct & Imp-Supply	24,484	25,085	25,687	26,289	26,770	26,770
52		M		304200	Struct & Imp-Pumping	0	0	0	0	0	0
53	TN N	M		304300	Structures & Improvement - Treatment	443,131	450,788	458,445	466,102	472,227	472,227
54	TN N	М		304400	Struct & Imp-Treatment-T&D	149,884	153,568	157,253	160,937	163,884	163,884
55	TN N	M		304500	Structures & Improvement - General	6,193	6,193	6,193	6,193	6,193	6,193
56	TN N	М		340200	Computer & Peripheral Equipment	7,281	7,460	7,639	7,818	7,961	7,961

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					_		Cumulative Bala	ance of in-Serviced	Plant, from 2019 Ca	apex, by Period	
Line #		Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
57 58	TN	М		347000	Misc Equipment	15,384	15,762	16,140	16,518	16,821	16,821
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General	0	0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks	0	0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks	0	0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos	0	0	0	0	0	0
64											
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment	0	0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	257,715	261,366	265,017	268,453	271,890	275,326
68	TN	Q		304200	Struct & Imp-Pumping	1,021,959	1,049,608	1,077,258	1,103,282	1,129,305	1,155,328
69	TN	Q		304300	Struct & Imp-Treatment	701,747	720,541	739,334	757,022	774,710	792,398
70	TN	Q		304400	Struct & Imp-Treatment-T&D	25,683	25,684	25,685	25,686	25,686	25,687
71	TN	Q		304500	Structures & Improvement - General	67,174	68,241	69,309	70,314	71,319	72,324
72	TN	Q		304600	Struc &Imp-Offices	8,847	9,087	9,326	9,551	9,777	10,002
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	0	0	0	0	0	0
74	TN	Q		306000	Lake, River & Other Intakes	199,058	204,444	209,829	214,898	219,967	225,036
75	TN	Q		309000	Supply Mains	9,862	9,862	9,862	9,862	9,862	9,862
76	TN	Q		310000	Power Generation Equip	42,083	42,543	43,004	43,437	43,870	44,304
77	TN	à		311200	Pump Eqp Electric	86,002	87,819	89,636	91,346	93,056	94,766
78	TN	Q		311520	Pumping Equipment SOS	2,239,945	2,287,967	2,335,988	2,381,185	2,426,381	2,471,578
79	TN	Q		320100	WT Equip Non-Media	3,414,718	3,458,233	3,501,749	3,542,704	3,583,660	3,624,616
80	TN	Q		320200	Water Trmt Equip Filter Media	1,225,847	1,240,240	1,254,632	1,268,178	1,281,724	1,295,270
81	TN	Q		330000	Dist Reservoirs & Standpipes	27,871	28,625	29,379	30,089	30,799	31,508
82	TN	Q		331001	Transmission & Distribution Mains	27,871	28,023	29,379	0 0000	0	0
83	TN	Q		334100	Meters	0	0	0	0	0	0
84	TN	Q Q		340200		0	0	0	0	0	0
85					Computer & Peripheral Equipment	-	-		-	-	-
86	TN	Q Q		340300	Computer Software	117,028	120,194	123,361	126,341	129,321	132,301
	TN			340330	Computer Software Other	1,150	1,181	1,213	1,242	1,271	1,300
87	TN	Q		343000	Tools, Shop, Garage Equipment	3,877	3,982	4,087	4,186	4,284	4,383
88	TN	Q		344000	Laboratory Equipment	5,766	5,922	6,078	6,225	6,372	6,519
89	TN	Q		345000	Power Operated Equipment	41,485	41,485	41,485	41,485	41,485	41,485
90	TN	Q		346190	Remote Control & Instrument	16,476	16,827	17,178	17,508	17,839	18,169
91 92	TN	Q		347000	Misc Equipment	24,139	24,582	25,024	25,440	25,856	26,273
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	0	0	0	0	0	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689	1,250,689
95	TN	R		320100	WT Equip Non-Media	259,932	259,932	259,932	259,932	259,932	259,932
96	TN	R		320200	Water Trmt Equip Filter Media	52,740	52,740	52,740	52,740	52,740	52,740
97	TN	R		330000	Dist Reservoirs & Standpipes	685,675	712,333	712,333	712,333	712,333	712,333
98	TN	R		330003	Tank Repainting	1,142,300	1,185,131	1,185,131	1,185,131	1,185,131	1,185,131
99	TN	R		330100	Elevated Tanks & Standpipes	90,599	90,599	90,599	90,599	90,599	90,599
100	TN	R		330200	Ground Level Tanks	1,042,158	1,097,668	1,097,668	1,097,668	1,097,668	1,097,668
101											
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains	0	0	0	0	0	0
103			Total Recurring Projects								
104											
105			ACQUISITIONS								
106											
107 108			Total Acquisitions								
109			CENTRALLY SPONSORED PROJECTS								
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
111		T26-0203	Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate						
112			Total Centrally Sponsored Projects	- · · · · · ·	F						

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 Description
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Descript	ion	TN BP 2019-20	T TN BP 2019-2023 SCEP		_		Cumulative Bal	ance of In-Serviced	d Plant, from 2019 C	apex, by Period	
Line #		Business Unit No.	Project Title	Account	Account Description	7	8	9	10	11	12
113											
114			INVESTMENT PROJECTS								
115	TN	126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569	6,103,569
116	TN	126-020028		320100	WT Equip Non-Media	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898	2,108,898
117	TN	126-020028		346190	Remote Control & Instrument	207,335	207,335	207,335	207,335	207,335	207,335
118	TN	126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	0	0	0	0	0	0
119	TN	126-020032		304300	Struct & Imp-Treatment	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710	4,141,710
120	TN	126-020032		304400	Struct & Imp-T&D	0	0	0	0	0	0
121	TN	126-020032		304500	Structures & Improvement - General	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411	1,062,411
122	TN	126-020032		320100	WT Equip Non-Media	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541	10,336,541
123	TN	126-020032		330200	Ground Level Tanks	0	0	0	0	0	0
124	TN	126-020032		347000	Misc Equipment	5,946	5,946	5,946	5,946	5,946	5,946
125	TN	126-020034	Tennessee River Crossing	331001	Transmission & Distribution Mains	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178
126	TN	126-020039	Repl Basin 1 & Plate Settlers	320100	WT Equip Non-Media	0	0	0	0	0	0
127	TN	126-020040	Chlorine Gas Conversion	320100	WT Equip Non-Media	0	0	0	0	5,583,786	5,700,000
128	TN	126-020044	New Raw Water Intake Citico			0	0	0	0	0	0
129	TN	126-020045	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	0	0	0	0	0	0
130	TN	126-020056	Retire Basin 2	320100	WT Equip Non-Media	0	0	0	0	0	0
131	TN	126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	0	0	0	0	0	0
132	TN	126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	0	0	0	0	0	0
133	TN	126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	0	0	0	0	0	0
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	0	0	0	0	0	0
135	TN	126-050001	Raw Water Intake Improvements Whitwell			0	0	0	0	0	0
136	TN	126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	0	0	0	0	0	0
137	TN	126-050002		304300	Struct & Imp-Treatment	0	0	0	0	0	0
138	TN	126-050002		304400	Struct & Imp-Treatment-T&D	25,260	25,260	25,260	25,260	25,260	25,260
139	TN	126-050002		320100	WT Equip Non-Media	171,114	171,114	171,114	171,114	171,114	171,114
140	TN	126-050002		346190	Remote Control & Instrument	13,481	13,481	13,481	13,481	13,481	13,481
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			0	0	0	0	0	0
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	58,596	58,596	58,596	58,596	58,596	58,596
143	TN	126-050004		330200	Ground Level Tanks	234,540	234,540	234,540	234,540	234,540	234,540
144	TN	126-050004		346190	Remote Control & Instrument	8,830	8,830	8,830	8,830	8,830	8,830
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	0	0	0	0	0	0
146	TN	126-000001		320200	Water Trmt Equip Filter Media	0	0	0	0	0	0
147	TN	126-000001		311520	Pumping Equipment SOS	0	0	0	0	0	0
148	TN	126-000001		340200	Computer & Peripheral Equipment	U	0	0	0	U	U
149			(4) 4		Total DV Included:					_	402.042.200
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:					=	\$92,812,209
151 152			projections based on project costs through 2020.		Total DV Excluded:					_	\$92,607,643
153			(2) From prior docket #s and sourced accounts.							_	
154			(3) From actual or estimated in-service data provided by the	company.	Total Surcharge Amt:					_	\$91,679,209
155										_	
156					SEC Total:					_	\$34,215,944
157										-	
158					EDI Total:					_	\$2,784,382
159 160					QIIP Total:					_	\$54,474,318
100					Qiir iotal:					_	734,4/4,310

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/22/18

Description TN BP 2019-20 T TN BP 2019-2023 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
1			RECURRING PROJECTS								
2	TN	DV	Projects Funded by Others	331001	Transmission & Distribution Mains		\$0	\$0	\$0	\$0	\$0
3	TN	DV		333000	Services		0	0	0	0	0
4 5	TN	DV		335000	Hydrants		0	0	0	0	0
6	TN	Α	Mains - New	304400	Struct & Imp-Treatment-T&D	EDI	152,708	0	0	3,253	0
7	TN	Α		331001	Transmission & Distribution Mains	EDI	1,736,070	0	0	21,701	0
8	TN	Α		333000	Services	EDI	11,863	0	0	132	0
9	TN	Α		334300	Meter Vaults	EDI	26,524	0	0	724	0
10	TN	Α		335000	Hydrants	EDI	72,601	0	0	1,670	0
11	TN	D	Marine Dealered / Deatered	221001	Tananaisian 8 Distribution Maine	QIIP	6 611 427	(252.516)	0	70 227	163.860
12 13	TN	B B	Mains - Replaced / Restored	331001 333000	Transmission & Distribution Mains Services	QIIP	6,611,437 690,399	(352,516) (2,223)	0	78,237 7,639	162,860 56,249
14	TN	В		335000	Hydrants	QIIP	149,044	(2,223)	0	3,390	755
15	IIN	ь		333000	nyurants	QIIP	149,044	(1,074)	U	3,390	755
16	TN	С	Mains - Unscheduled	331001	Transmission & Distribution Mains	QIIP	8,234,564	(1,615,281)	0	82,741	885,454
17	TN	С		335000	Hydrants	QIIP	5,776	0	0	133	0
18											
19	TN	D	Mains - Relocated	331001	Transmission & Distribution Mains	QIIP	4,032,728	(280,870)	(2,138,244)	20,170	128,635
20	TN	D		333000	Services	QIIP	50,366	0	(29,877)	227	50,834
21 22	TN	D		335000	Hydrants	QIIP	200,567	(64,148)	(118,055)	422	0
23	TN	Е	Hydrants, Valves, and Manholes - New	331001	Transmission & Distribution Mains	EDI	223,786	0	0	2,797	0
24	TN	E	Tryarants, varies, and mannoles frem	335000	Hydrants	EDI	174,474	(882)	(58,274)	2,652	933
25		-		333000	, aranto	25.	27 17 17	(002)	(30,27.1)	2,032	333
26	TN	F	Hydrants, Valves, and Manholes - Replaced	331001	Transmission & Distribution Mains	QIIP	232,574	(29,372)	0	2,540	50,951
27	TN	F		335000	Hydrants	QIIP	1,013,598	(128,367)	(14,227)	20,033	72,345
28											
29	TN	G	Services and Laterals - New	333000	Services		567,925	0	0	6,304	0
30			Control of the Control	224.004	Township of British Parkets	OUD		(7.500)		(05)	4 240
31	TN	Н	Services and Laterals - Replaced	331001	Transmission & Distribution Mains	QIIP	2 200 505	(7,589)	0	(95)	1,340
32 33	TN	H H		333000 334100	Services Meters	QIIP QIIP	2,390,505 33,439	(140,596) (11,409)	0	24,974 1,646	580,202 15,476
34	TN	н		334200	Meter Installations	QIIP	100,251	(11,409)	0	2,737	877
35	TN	н		334300	Meter Vaults	QIIP	24,202	0	0	661	1,496
36				33 1300	meter value	Д	21,202	ŭ	ŭ	001	2,130
37	TN	1	Meters - New	334100	Meters		0	0	0	0	0
38	TN	1		334200	Meter Installations		0	0	0	0	0
39											
40	TN	J	Meters - Replaced	334100	Meters	QIIP	750,249	(2,502,317)	0	(130,879)	258,795
41 42	TN	J		334200	Meter Installations	QIIP	8,172,000	(636,164)	0	205,728	1,251,213
43	TN	K	ITS Equipment and Systems	340200	Computer & Peripheral Equipment		0	0	0	0	0
44			The Equipment and Systems	310200	compater a rempilerar equipment		Ü	ŭ	ŭ	· ·	Ü
45	TN	L	SCADA Equipment and Systems	320100	WT Equip Non-Media	SEC	268,337	(18,368)	0	2,725	10,453
46	TN	L		340200	Computer & Peripheral Equipment	SEC	90,023	0	0	1,972	2,449
47	TN	L		340300	Computer Software	SEC	2,816	0	0	52	0
48	TN	L		346100	Comm Equip Non-Telephone	SEC	41,119	0	0	1,731	0
49	TN	L		346190	Remote Control & Instrument	SEC	928,238	(162,539)	0	32,236	75,934
50			Contraction of the contract of		St. 181 5 1		** **-	_	_		_
51	TN	M	Security Equipment and Systems	304100	Struct & Imp-Supply	SEC	23,817	(17.678)	0	472	0
52 53	TN TN	M M		304200 304300	Struct & Imp-Pumping	SEC SEC	0	(17,678) (29,086)	0	(350) 16,669	4,187 17,631
53 54	TN	M		304300 304400	Structures & Improvement - Treatment Struct & Imp-Treatment-T&D	SEC	434,649 145,803	(29,086)	0	3,106	17,631
5 4 55	TN	M		304500	Struct & Imp-Treatment-T&D Structures & Improvement - General	SEC	6,193	0	0	70	0
56	TN	M		340200	Computer & Peripheral Equipment	SEC	7,083	0	0	155	0
		***			Karas are arekerara -darkment		.,303	Ü	· ·	133	· ·

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/22/18

Description TN BP 2019-20 T TN BP 2019-2023 SCEP

Line #		Business Unit No.	Project Title	Account	Account Description	Surcharge	Average Plant in Service	Average Retires (Replacement Projects Only)	Average CIAC	Depreciation Expense	Cost of Removal Less Salvage
57 58	TN	М		347000	Misc Equipment	SEC	14,965	0	0	947	0
59 60	TN	N	Offices and Operations Centers	304500	Structures & Improvement - General		0	0	0	0	0
61	TN	0	Vehicles	341100	Transportation Equip Lt Duty Trucks		0	0	0	0	0
62	TN	0		341200	Transportation Equip Hvy Duty Trucks		0	0	0	0	0
63	TN	0		341300	Transportation Equip Autos		0	0	0	0	0
64											
65 66	TN	Р	Tools and Equipment	343000	Tools, Shop, Garage Equipment		0	0	0	0	0
67	TN	Q	Process Plant Facilities and Equipment	304100	Struct & Imp-Supply	SEC	254,890	0	0	5,047	874
68	TN	Q		304200	Struct & Imp-Pumping	SEC	1,000,564	(97,591)	0	17,879	35,849
69	TN	Q		304300	Struct & Imp-Treatment	SEC	687,205	(145,045)	0	22,283	64,159
70	TN	Q		304400	Struct & Imp-Treatment-T&D	SEC	25,683	0	0	547	0
71	TN	Q		304500	Structures & Improvement - General	SEC	66,348	0	0	750	277
72	TN	Q		304600	Struc &Imp-Offices	SEC	8,662	0	0	98	0
73	TN	Q		304700	Struct & Imp-Store, Shop, Garage	SEC	0	(7,869)	0	(57)	1
74	TN	Q		306000	Lake, River & Other Intakes	SEC	194,891	(57,819)	0	1,138	9,749
75	TN	Q		309000	Supply Mains	SEC	9,862	0	0	184	0
76	TN	Q		310000	Power Generation Equip	SEC	41,727	0	0	5,145	115
77	TN	Q		311200	Pump Eqp Electric	SEC	84,596	(183,557)	0	(2,425)	55,962
78	TN	Q		311520	Pumping Equipment SOS	SEC	2,202,789	(74,218)	0	38,953	49,342
79	TN	Q		320100	WT Equip Non-Media	SEC	3,381,048	(749,284)	0	28,686	637,093
80	TN	Q		320200	Water Trmt Equip Filter Media	SEC	1,214,711	(448,463)	0	258,149	445,008
81	TN	Q		330000	Dist Reservoirs & Standpipes	SEC	27,288	(0)	0	568	0
82	TN	Q		331001	Transmission & Distribution Mains	SEC	0	(1,011)	0	(13)	237
83	TN	Q		334100	Meters	SEC	0	0	0	0	0
84	TN	Q		340200	Computer & Peripheral Equipment	SEC	0	(0)	0	(0)	105
85	TN	Q		340300	Computer Software	SEC	114,578	0	0	2,097	0
86	TN	Q		340330	Computer Software Other	SEC	1,126	0	0	21	0
87	TN	Q		343000	Tools, Shop, Garage Equipment	SEC	3,796	(3,152)	0	44	0
88	TN	Q		344000	Laboratory Equipment	SEC	5,646	(150,748)	0	(1,466)	1,483
89	TN	Q		345000	Power Operated Equipment	SEC	41,485	(11,283)	0	2,123	1,676
90	TN	Q		346190	Remote Control & Instrument	SEC	16,204	(3,612)	0	530	0
91 92	TN	Q		347000	Misc Equipment	SEC	23,797	(4,389)	0	1,229	3,260
93	TN	R	Capitalized Tank Rehabilitation/Painting	304300	Struct & Imp-Treatment	QIIP	0	(94,900)	0	(3,900)	0
94	TN	R		304301	Struct & Imp-Treatment-Dpr Paint	QIIP	1,250,689	(170,157)	0	130,312	661,770
95	TN	R		320100	WT Equip Non-Media	QIIP	259,932	(123,785)	0	1,484	89,500
96	TN	R		320200	Water Trmt Equip Filter Media	QIIP	52,740	(36,378)	0	5,512	206,460
97	TN	R		330000	Dist Reservoirs & Standpipes	QIIP	605,699	0	0	12,599	0
98	TN	R		330003	Tank Repainting	QIIP	1,013,805	(155,370)	0	95,115	291,912
99	TN	R		330100	Elevated Tanks & Standpipes	QIIP	90,599	0	0	2,482	0
100	TN	R		330200	Ground Level Tanks	QIIP	875,628	(446)	0	23,980	977
101			Fortunation of the Pro-	224.004	Township of British III and Addition		•	•	0	0	0
102	TN	S	Engineering Studies	331001	Transmission & Distribution Mains		0	0	Ü	U	U
103 104			Total Recurring Projects								
			ACQUISITIONS								
105 106			ACQUISITIONS								
106			Total Acquisitions								
			Total Acquisitions								
108 109			CENTRALLY SPONSORED PROJECTS								
110	TN	T26-0202	Business Transformation 2010 - 2014	340315	Computer Software Special Depres - Pot-		0			0	
111		T26-0202	Business Transformation 2010 - 2014 Business Transformation 2010 - 2014	340315	Computer Software Special Deprec Rate Computer Software Special Deprec Rate		0			0	
112	111	120-0203	Total Centrally Sponsored Projects	540313	computer software special pepiet rate		Ü			Ü	

STRATEGIC CAPITAL EXPENDITURE PLAN PROGRAM

Business Unit Tennessee Revision Date 10/22/18

Description TN BP 2019-20 T TN BP 2019-2023 SCEP

Line#		Business Unit	Project Title	Account	Account Description	Surcharge	Average Plant in	Average Retires (Replacement	Average CIAC	Depreciation	Cost of Removal
113		No.	rojec nie	Account	Account Description	Juliange	Service	Projects Only)	Average cine	Expense	Less Salvage
113											
114			INVESTMENT PROJECTS								
115		126-020028	Citico Plant Improvements Phase 1B (\$8.6)	304300	Struct & Imp-Treatment	QIIP	6,103,569	0		250,857	0
116	TN	126-020028		320100	WT Equip Non-Media	QIIP	2,108,898	(47,846)		22,465	850,267
117		126-020028		346190	Remote Control & Instrument	QIIP	207,335	0		8,729	0
118		126-020032	Wastewater Treatm't & Handling Impr (\$15.3)	304200	Struct & Imp-Pumping	SEC	0	(14,622)		(290)	243,354
119		126-020032		304300	Struct & Imp-Treatment	SEC	4,141,710	(54,346)		167,991	1,535,662
120		126-020032		304400	Struct & Imp-T&D	SEC	0	0		0	0
121		126-020032		304500	Structures & Improvement - General	SEC	1,062,411	0		12,005	0
122		126-020032		320100	WT Equip Non-Media	SEC	10,336,541 0	(305)		112,665 0	577 0
123		126-020032		330200	Ground Level Tanks	SEC	-	0		-	0
124		126-020032 126-020034	T Birra Cir-	347000 331001	Misc Equipment	SEC QIIP	5,946 1,921,467	U		376	0
125 126		126-020034	Tennessee River Crossing	320100	Transmission & Distribution Mains	QIIP	1,921,467			24,018 0	
126		126-020039	Repl Basin 1 & Plate Settlers Chlorine Gas Conversion	320100	WT Equip Non-Media WT Equip Non-Media	SEC	867,984	(11,982) (1	\	9,330	3,846 (1)
128		126-020040	New Raw Water Intake Citico	320100	W I Equip Non-Inleula	SEC	0 0	(11,502) (1)	1	9,330	3,840 (1)
129	TN	126-020044	Remove Filter Bldg 3	304300	Struct & Imp-Treatment	QIIP	0	(201) (1)	١	(8)	76,923 (1)
130		126-020056	Retire Basin 2	320100	WT Equip Non-Media	QIIP	0	(201) (1)	,	0	70,323 (1)
131		126-0200XX	Filter House #2 Rehab	304300	Struct & Imp-Treatment	QIIP	0			0	
132		126-0200XX	River Gorge Dr Transmission Mains	331001	Transmission & Distribution Mains	EDI	0			0	
133		126-0200XX	River Gorge Booster Station	311200	Pump Eqp Electric	EDI	0			0	
134	TN	126-0200XX	Replace North Traveling Screen	306000	Lake, River & Other Intakes	SEC	0			0	
135	TN	126-050001	Raw Water Intake Improvements Whitwell			QIIP	0			0	
136		126-050002	Facility Upgrades at Whitwell WTP	304200	Struct & Imp-Pumping	SEC	0	(76,471)		(1,514)	
137	TN	126-050002	, , , , ,	304300	Struct & Imp-Treatment	SEC	0	(733)		(30)	
138		126-050002		304400	Struct & Imp-Treatment-T&D	SEC	25,260	0		538	
139		126-050002		320100	WT Equip Non-Media	SEC	171,114	0		1,865	
140	TN	126-050002		346190	Remote Control & Instrument	SEC	13,481	(6,125)		310	
141	TN	126-050003	Replace 0.5 MG Storage Tanks at Whitwell (\$.5)			QIIP	0			0	
142	TN	126-050004	Replace 0.1 MG Storage Tank at Whitwell	304400	Struct & Imp-Treatment-T&D	SEC	58,596			1,248	
143	TN	126-050004		330200	Ground Level Tanks	SEC	234,540	(3,369) (1))	6,334	26,100 (1)
144	TN	126-050004		346190	Remote Control & Instrument	SEC	8,830			372	
145	TN	126-000001	Whitwell Acquisition Capital Investment	331001	Transmission & Distribution Mains	QIIP	0			0	
146	TN	126-000001		320200	Water Trmt Equip Filter Media	QIIP	0			0	
147	TN	126-000001		311520	Pumping Equipment SOS	QIIP	0			0	
148	TN	126-000001		340200	Computer & Peripheral Equipment	QIIP	0			0	
149											
150			(1) Amounts not reflected in actuals through 2018 or		Total DV Included:	•	\$78,444,360	(\$8,736,153)	(\$2,358,677)	\$1,685,673	\$8,921,607
151			projections based on project costs through 2020.								
152					Total DV Excluded	:	\$78,291,652	(\$8,736,153)	(\$2,358,677)	\$1,682,420	\$8,921,607
153			(2) From prior docket #s and sourced accounts.								
154			(3) From actual or estimated in-service data provided by the	e company.	Total Surcharge Amt	:	\$77,876,435	(\$8,736,153)	(\$2,358,677)	\$1,679,369	\$8,921,607
155											
156					SEC Total:		\$28,296,350	(\$2,333,664)	\$0	\$752,493	\$3,225,382
157											
158					EDI Total:		\$2,245,316	(\$882)	(\$58,274)	\$29,676	\$933
159									,		
160					QIIP Total:	:	\$47,182,060	(\$6,401,607)	(\$2,300,403)	\$893,948	\$5,695,292
					Q 10ta		7,===,300	(+-,:,,	(+-,, .50)	Ţ,J.10	7-,,

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SEC =Col 1 + Col 2

Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	304100	Structures & Improvement-Supply	Additions	Retirements	CIAC	calculation	Net of Sulvage	Tuxes	Depreciation
2	Recurring Projects		\$322,127	\$0	\$0	\$322,127	\$874	(\$43,218)	(\$29,710)
3	Investment Projects		0	0	0	0	0	0	0
4	Total SEC	•	\$322,127	\$0	\$0	\$322,127	\$874	(\$43,218)	(\$29,710)
5		•							
6	304200	Structures & Improvement-Pump							
7	Recurring Projects		\$1,280,518	(\$139,686)	\$0	\$1,140,832	\$46,826	(\$171,801)	(\$55,732)
8	Investment Projects		0	(91,093)	0	(91,093)	335,832	0	4,572
9	Total SEC	•	\$1,280,518	(\$230,779)	\$0	\$1,049,739	\$382,658	(\$171,801)	(\$51,160)
10		•							
11	304300	Structures & Improvement-WT							
12	Recurring Projects	- -	\$1,394,239	(\$220,049)	\$0	\$1,174,190	\$104,110	(\$187,057)	(\$106,638)
13	Investment Projects		4,141,710	(55,079)	0	4,086,631	1,538,137	(555,672)	(581,761)
14	Total SEC	•	\$5,535,949	(\$275,128)	\$0	\$5,260,821	\$1,642,247	(\$742,729)	(\$688,399)
15		•							
16	304400	Structures & Improvement-T&D							
17	Recurring Projects	<u> </u>	\$210,997	\$0	\$0	\$210,997	\$0	(\$28,309)	(\$9,796)
18	Investment Projects		83,856	0	0	83,856	0	(11,251)	(3,598)
19	Total SEC	•	\$294,852	\$0	\$0	\$294,852	\$0	(\$39,560)	(\$13,394)
20		•							
21	304500	Structures & Improvement - General							
22	Recurring Projects	·	\$83,351	\$0	\$0	\$83,351	\$277	(\$11,184)	(\$3,416)
23	Investment Projects		1,062,411	0	0	1,062,411	0	(142,538)	(180,217)
24	Total SEC		\$1,145,762	\$0	\$0	\$1,145,762	\$277	(\$153,722)	(\$183,633)
25		•							
26	304600	Struct & Imp-Offices							
27	Recurring Projects		\$11,086	\$0	\$0	\$11,086	\$0	(\$1,489)	(\$304)
28	Investment Projects	_	0	0	0	0	0	0	0
29	Total SEC		\$11,086	\$0	\$0	\$11,086	\$0	(\$1,489)	(\$304)
30		•							
31	304700	Struct & Imp-Store, Shop, Garage							
32	Recurring Projects		\$0	(\$7,869)	\$0	(\$7,869)	\$1	\$0	\$292
33	Investment Projects		0	0	0	0	0	0	0
34	Total SEC		\$0	(\$7,869)	\$0	(\$7,869)	\$1	\$0	\$292
35		•							
36	306000	Lake, River & Other Intakes							
37	Recurring Projects		\$249,421	(\$73,272)	\$0	\$176,149	\$12,355	(\$33,465)	(\$2,976)
38	Investment Projects	_	458,844	0	0	458,844	0	(61,562)	(1,904)
39	Total SEC		\$708,264	(\$73,272)	\$0	\$634,992	\$12,355	(\$95,027)	(\$4,880)
40									
41	309000	Supply Mains							
42	Recurring Projects	=	\$9,862	\$0	\$0	\$9,862	\$0	(\$1,325)	(\$1,091)
43	Investment Projects	_	0	0	0	0	0	0	0
44	Total SEC		\$9,862	\$0	\$0	\$9,862	\$0	(\$1,325)	(\$1,091)
45		•							

1 2 3 4 5 B C

SEC =Col 1 + Col 2

	Investment by Plant					Net Investments (for Property Tax	Cost of Removal	Accumulated Deferred Income	Accumulated
Line # 46	Account 310000	Account Description Power Generation Equip	Additions	Retirements	CIAC	Calculation)	Net of Salvage	Taxes	Depreciation
46	Recurring Projects	Power Generation Equip	\$46,388	\$0	\$0	\$46,388	\$115	(\$6,226)	(\$25,734)
48	Investment Projects		940,368 0	0	0	940,388 0	0	(50,220)	(323,734)
49	Total SEC		\$46,388	\$0	\$0	\$46,388	\$115	(\$6,226)	(\$25,734)
50	TOTALSEC		Ş40,500	 	90	Ş40,500	7115	(30,220)	(\$25,754)
51	311200	Pump Eqp Electric							
52	Recurring Projects	- Tump Eqp Electric	\$102,992	(\$228,733)	\$0	(\$125,741)	\$70,717	(\$13,820)	\$8,892
53	Investment Projects		0	0	0	0	0	(\$13,620)	0
54	Total SEC		\$102,992	(\$228,733)	\$0	(\$125,741)	\$70,717	(\$13,820)	\$8,892
55									
56	311520	Pumping Equipment SOS							
57	Recurring Projects	- amping zquipment sos	\$2,689,003	(\$85,066)	\$0	\$2,603,937	\$62,022	(\$360,771)	(\$132,648)
58	Investment Projects		0	0	0	0	0	0	0
59	Total SEC		\$2,689,003	(\$85,066)	\$0	\$2,603,937	\$62,022	(\$360,771)	(\$132,648)
60									
61	320100	WT Equip Non-Media							
62	Recurring Projects	• • •	\$4,089,977	(\$932,683)	\$0	\$3,157,294	\$802,526	(\$548,733)	(\$137,366)
63	Investment Projects		16,528,041	(156,068)	0	16,371,973	50,577	(2,217,487)	(497,974)
64	Total SEC		\$20,618,018	(\$1,088,751)	\$0	\$19,529,267	\$853,103	(\$2,766,220)	(\$635,340)
65									
66	320200	Water Trmt Equip Filter Media							
67	Recurring Projects	· · ·	\$1,360,434	(\$492,152)	\$0	\$868,282	\$460,312	(\$182,522)	(\$995,628)
68	Investment Projects		0	0	0	0	0	0	0
69	Total SEC		\$1,360,434	(\$492,152)	\$0	\$868,282	\$460,312	(\$182,522)	(\$995,628)
70									
71	330000	Dist Reservoirs & Standpipes							
72	Recurring Projects		\$34,923	\$0	\$0	\$34,923	\$0	(\$4,684)	(\$1,884)
73	Investment Projects		0	0	0	0	0	0	0
74	Total SEC		\$34,923	\$0	\$0	\$34,923	\$0	(\$4,684)	(\$1,884)
75				· ,					
76	330200	Ground Level Tanks							
77	Recurring Projects		\$0	\$0	\$0	\$0	\$0	\$0	\$0
78	Investment Projects		234,540	(3,369)	0	231,171	26,100	(31,465)	(15,750)
79	Total SEC		\$234,540	(\$3,369)	\$0	\$231,171	\$26,100	(\$31,465)	(\$15,750)
80									
81	331001	Transmission & Distribution Mains							
82	Recurring Projects		\$0	(\$1,011)	\$0	(\$1,011)	\$237	\$0	\$33
83	Investment Projects		0	0	0	0	0	0	0
84	Total SEC		\$0	(\$1,011)	\$0	(\$1,011)	\$237	\$0	\$33
85									
91	340200	Computer & Peripheral Equipment							
92	Recurring Projects		\$122,478	\$0	\$0	\$122,478	\$2,554	(\$16,431)	(\$6,312)
93	Investment Projects		0	0	0	0	0	0	0
94	Total SEC		\$122,478	\$0	\$0	\$122,478	\$2,554	(\$16,431)	(\$6,312)
95									

____1 2 ___3 ___4 __5 __B ___C

SEC =Col 1 + Col 2

	Investment by Plant					Net Investments (for Property Tax	Cost of Removal	Accumulated Deferred Income	Accumulated
Line #	Account	Account Description	Additions	Retirements	CIAC	Calculation)	Net of Salvage	Taxes	Depreciation
96	340300	Computer Software							
97	Recurring Projects	•	\$150,187	\$0	\$0	\$150,187	\$0	(\$20,151)	(\$7,026)
98	Investment Projects		0	0	0	0	0	0	0
99	Total SEC		\$150,187	\$0	\$0	\$150,187	\$0	(\$20,151)	(\$7,026)
100									
101	340330	Computer Software Other							
102	Recurring Projects		\$1,441	\$0	\$0	\$1,441	\$0	(\$193)	(\$68)
103	Investment Projects		0	0	0	0	0	0	0
104	Total SEC		\$1,441	\$0	\$0	\$1,441	\$0	(\$193)	(\$68)
105									
106	343000	Tools, Shop, Garage Equipment							
107	Recurring Projects		\$4,858	(\$3,994)	\$0	\$864	\$0	(\$651)	(\$187)
108	Investment Projects		0	0	0	0	0	0	0
109	Total SEC		\$4,858	(\$3,994)	\$0	\$864	\$0	(\$651)	(\$187)
110									
111	344000	Laboratory Equipment							
112	Recurring Projects		\$7,225	(\$151,566)	\$0	(\$144,341)	\$1,876	(\$969)	\$8,246
113	Investment Projects		0	0	0	0	0	0	0
114	Total SEC		\$7,225	(\$151,566)	\$0	(\$144,341)	\$1,876	(\$969)	\$8,246
115									
116	345000	Power Operated Equipment							
117	Recurring Projects		\$41,485	(\$11,283)	\$0	\$30,202	\$1,676	(\$5,565)	(\$11,697)
118	Investment Projects		0	0	0	0	0	0	0
119	Total SEC		\$41,485	(\$11,283)	\$0	\$30,202	\$1,676	(\$5,565)	(\$11,697)
120									
121	346100	Comm Equip Non-Telephone							
122	Recurring Projects		\$41,119	\$0	\$0	\$41,119	\$0	(\$5,517)	(\$10,508)
123	Investment Projects		0	0	0	0	0	0	0
124	Total SEC		\$41,119	\$0	\$0	\$41,119	\$0	(\$5,517)	(\$10,508)
125									
126	346190	Remote Control & Instrument							
127	Recurring Projects		\$1,076,038	(\$208,698)	\$0	\$867,340	\$95,939	(\$144,369)	(\$133,803)
128	Investment Projects		22,311	(6,125)	0	16,186	5,279	(2,992)	(9,532)
129	Total SEC		\$1,098,349	(\$214,823)	\$0	\$883,526	\$101,218	(\$147,361)	(\$143,335)
130									
131	347000	Misc Equipment							
132	Recurring Projects		\$47,294	(\$5,561)	\$0	\$41,733	\$3,451	(\$6,346)	(\$5,029)
133	Investment Projects		5,946	0	0	5,946	0	(800)	(2,855)
134	Total SEC		\$53,240	(\$5,561)	\$0	\$47,679	\$3,451	(\$7,146)	(\$7,884)
135									
136	Expense:								
137	Chemical Expense for Wastew	vater handling:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
138	Electric Power Expense for W		0	0	0	0	0	0	0
139	Hauling Expense for Wastewa	=	0	0	0	0	0	0	0
140	Total SEC	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
141									
142	Total		\$35,915,099	(\$2,873,357)	\$0	\$33,041,742	\$3,621,793	(\$4,818,563)	(\$2,949,109)
									

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1 2	304100	Structures & Improvement-Supply	\$250,073	\$21,135	\$6,378	Ć4 252	\$0	\$31,865	\$32,915
3	Recurring Projects Investment Projects		\$250,073 0	\$21,135 0	\$0,378 0	\$4,352 0	Ş0 0	\$31,665 0	\$32,915 0
4	Total SEC		\$250,073	\$21,135	\$6,378	\$4,352	\$0	\$31,865	\$32,915
5	Total SEC		\$230,073	721,133	\$0,570	Ų+,33 <u>2</u>	Ş0	\$31,003	Ş32,313
6	304200	Structures & Improvement-Pump							
7	Recurring Projects		\$1,099,811	\$92,950	\$22,588	\$15,413	\$0	\$130,952	\$135,268
8	Investment Projects		340,404	28,769	(1,804)	(1,231)	0	25,735	26,583
9	Total SEC		\$1,440,215	\$121,719	\$20,785	\$14,183	\$0	\$156,687	\$161,851
10									
11	304300	Structures & Improvement-WT							
12	Recurring Projects		\$1,204,654	\$101,811	\$48,259	\$15,864	\$0	\$165,934	\$171,404
13	Investment Projects		4,542,414	383,900	167,961	55,213	0	607,074	627,084
14	Total SEC		\$5,747,068	\$485,711	\$216,220	\$71,077	\$0	\$773,008	\$798,488
15									
16	304400	Structures & Improvement-T&D							
17	Recurring Projects		\$172,892	\$14,612	\$4,494	\$2,851	\$0	\$21,957	\$22,681
18	Investment Projects		69,007	5,832	1,786	1,133	<u>0</u> \$0	8,751	9,040
19	Total SEC		\$241,898	\$20,444	\$6,280	\$3,984	\$0	\$30,708	\$31,720
20	204500	Stt 8 I							
21 22	304500 Recurring Projects	Structures & Improvement - General	\$69,028	\$5,834	\$942	\$1,126	\$0	\$7,902	\$8,162
23	Investment Projects		739,656	62,512	12,005	14,354	0	88,871	91,800
24	Total SEC		\$808,684	\$68,346	\$12,947	\$15,480	\$0	\$96,773	\$99,962
25	10101320		φοσοίσο :	\$00,510	Ψ12/3 17	\$15,100	 	ψ30,773	Ų33,30 <u>2</u>
26	304600	Struct & Imp-Offices							
27	Recurring Projects		\$9,293	\$785	\$125	\$150	\$0	\$1,060	\$1,095
28	Investment Projects		0	0	0	0	0	0	0
29	Total SEC		\$9,293	\$785	\$125	\$150	\$0	\$1,060	\$1,095
30									
31	304700	Struct & Imp-Store, Shop, Garage							
32	Recurring Projects		\$293	\$25	(\$57)	(\$106)	\$0	(\$139)	(\$144)
33	Investment Projects		0	0	0	0	0	0	0
34	Total SEC		\$293	\$25	(\$57)	(\$106)	\$0	(\$139)	(\$144)
35									
36	306000	Lake, River & Other Intakes							
37	Recurring Projects		\$225,335	\$19,044	\$1,462	\$2,380	\$0	\$22,886	\$23,640
38	Investment Projects		395,378	33,415	3,808	6,199	0	43,423	44,854
39	Total SEC		\$620,712	\$52,459	\$5,270	\$8,579	\$0	\$66,309	\$68,495
40	200000	Supply Mains							
41 42	309000 Recurring Projects	Supply Mains	\$7,446	\$629	\$184	\$133	\$0	\$947	\$978
42	Investment Projects		\$7,446 0	\$629 0	\$184 0	\$133	\$ 0	\$947 0	\$978 0
44	Total SEC		\$7,446	\$629	\$184	\$133	\$0	\$947	\$978
			Ÿ,,. 10	7023	9207	7100	70	., .,	95.0

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / {1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
46 47	310000 Recurring Projects	Power Generation Equip	\$14,543	\$1,229	\$5,720	\$627	\$0	\$7,576	\$7,825
48	Investment Projects		Ç14,545 0	91,229	,5,7 <u>2</u> 0	0	0	۰,5,7¢ 0	97,823
49	Total SEC		\$14,543	\$1,229	\$5,720	\$627	\$0	\$7,576	\$7,825
50									
51	311200	Pump Eqp Electric							
52	Recurring Projects		\$168,781	\$14,264	(\$3,081)	(\$1,699)	\$0	\$9,485	\$9,798
53	Investment Projects		0	0	0	0	0	0	0
54	Total SEC		\$168,781	\$14,264	(\$3,081)	(\$1,699)	\$0	\$9,485	\$9,798
55									
56	311520	Pumping Equipment SOS							
57	Recurring Projects		\$2,257,606	\$190,800	\$47,652	\$35,181	\$0	\$273,634	\$282,653
58	Investment Projects		62.257.606	0	0	0	<u>0</u> \$0	6272.624	6202.652
59	Total SEC		\$2,257,606	\$190,800	\$47,652	\$35,181	\$0	\$273,634	\$282,653
60 61	320100	WT Equip Non-Media							
62	Recurring Projects	WT Equip Non-Media	\$4,206,404	\$355,502	\$34,415	\$42,657	\$0	\$432,574	\$446,832
63	Investment Projects		13,863,157	1,171,638	178,455	221,197	0	1,571,290	1,623,082
64	Total SEC		\$18,069,561	\$1,527,140	\$212,869	\$263,854	\$0	\$2,003,864	\$2,069,915
65									
66	320200	Water Trmt Equip Filter Media							
67	Recurring Projects		\$642,596	\$54,309	\$292,524	\$11,731	\$0	\$358,564	\$370,383
68	Investment Projects		0	0	0	0	0	0	0
69	Total SEC		\$642,596	\$54,309	\$292,524	\$11,731	\$0	\$358,564	\$370,383
70									
71	330000	Dist Reservoirs & Standpipes							
72	Recurring Projects		\$28,355	\$2,396	\$726	\$472	\$0	\$3,595	\$3,713
73	Investment Projects		\$28,355	\$2,396	<u>0</u> \$726	<u>0</u> \$472	<u>0</u> \$0	\$3,595	\$3,713
74	Total SEC		\$28,355	\$2,396	\$726	\$472	\$0	\$3,595	\$3,/13
75 76	330200	Ground Level Tanks							
77	Recurring Projects	Ground Level Tanks	\$0	\$0	\$0	\$0	\$0	\$0	\$0
78	Investment Projects		213,425	18,038	6,334	3,123	0	27,495	28,401
79	Total SEC		\$213,425	\$18,038	\$6,334	\$3,123	\$0	\$27,495	\$28,401
80									
81	331001	Transmission & Distribution Mains							
82	Recurring Projects		\$270	\$23	(\$13)	(\$14)	\$0	(\$3)	(\$4)
83	Investment Projects		0	0	0	0	0	0	0
84	Total SEC		\$270	\$23	(\$13)	(\$14)	\$0	(\$3)	(\$4)
85									
91	340200	Computer & Peripheral Equipment							
92	Recurring Projects		\$102,289	\$8,645	\$2,682	\$1,655	\$0	\$12,982	\$13,410
93 94	Investment Projects Total SEC		<u> </u>	\$8,645	\$2,682	<u>0</u> \$1,655	<u>0</u> \$0	<u>0</u> \$12,982	\$13,410
94	TOTAL SEC		\$102,289	\$6,645	\$2,082	\$1,055	\$0	\$12,982	\$15,410

			6	7	8	9	10	11	12
		SEC	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
96	340300	Computer Software							
97	Recurring Projects	·	\$123,010	\$10,396	\$2,748	\$2,029	\$0	\$15,174	\$15,674
98	Investment Projects		0	0	0	0	0	0	0
99	Total SEC		\$123,010	\$10,396	\$2,748	\$2,029	\$0	\$15,174	\$15,674
100									
101	340330	Computer Software Other							
102	Recurring Projects		\$1,180	\$100	\$26	\$19	\$0	\$146	\$150
103	Investment Projects		0	0	0	0	0	0	0
104	Total SEC		\$1,180	\$100	\$26	\$19	\$0	\$146	\$150
105	10101.520		V1 ,100	Ţ100	<u> </u>	<u> </u>	 	Ų110	Ų130
105	343000	Tools, Shop, Garage Equipment							
107	Recurring Projects	100is, 3ilop, Garage Equipment	\$4,020	\$340	\$60	\$12	\$0	\$411	\$425
107	Investment Projects		\$4,020 0	\$340 0	\$60	\$12 0	Ş0 0	3411 0	\$425 0
109	Total SEC		\$4,020	\$340	\$60	\$12	\$0	\$411	\$425
	TOTAL SEC		\$4,020	\$340	\$60	\$12	ŞU	\$411	\$425
110									
111	344000	Laboratory Equipment	4	4	(4)	(4)			
112	Recurring Projects		\$16,378	\$1,384	(\$1,458)	(\$1,950)	\$0	(\$2,024)	(\$2,090)
113	Investment Projects		0	0	0 (04.450)	(0.050)	0	(42.024)	(42.000)
114	Total SEC		\$16,378	\$1,384	(\$1,458)	(\$1,950)	\$0	(\$2,024)	(\$2,090)
115									
116	345000	Power Operated Equipment							
117	Recurring Projects		\$25,899	\$2,189	\$2,123	\$408	\$0	\$4,720	\$4,876
118	Investment Projects		0	0	0	0	0	0	0
119	Total SEC		\$25,899	\$2,189	\$2,123	\$408	\$0	\$4,720	\$4,876
120									
121	346100	Comm Equip Non-Telephone							
122	Recurring Projects		\$25,094	\$2,121	\$1,731	\$556	\$0	\$4,407	\$4,553
123	Investment Projects		0	0	0	0	0	0	0
124	Total SEC		\$25,094	\$2,121	\$1,731	\$556	\$0	\$4,407	\$4,553
125									
126	346190	Remote Control & Instrument							
127	Recurring Projects		\$893,805	\$75,539	\$36,515	\$11,718	\$0	\$123,773	\$127,853
128	Investment Projects		15,066	1,273	681	219	0	2,173	2,245
129	Total SEC		\$908,871	\$76,813	\$37,196	\$11,937	\$0	\$125,946	\$130,098
130									
131	347000	Misc Equipment							
132	Recurring Projects		\$39,370	\$3,327	\$2,642	\$564	\$0	\$6,533	\$6,748
133	Investment Projects		2,291	194	376	80	0	650	672
134	Total SEC		\$41,661	\$3,521	\$3,018	\$644	\$0	\$7,183	\$7,420
135									
136	Expense:								
137	Chemical Expense for Wastew	ater handling:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
138	Electric Power Expense for Wa	=	0	0	0	0	0	0	0
139	Hauling Expense for Wastewat		0	0	0	0	0	0	0
140	Total SEC		\$0	\$0	\$0	\$0	\$0	\$0	\$0
141	•								
142	Total		\$31,769,220	\$2,684,961	\$878,992	\$446,418	\$0	\$4,010,371	\$4,142,560
			+,	7-/00 //001	70.0,552		,	,010,0,1	Ţ ., z . z ,550

Tennessee American Water Company Economic Development Investment (EDI) Investment Worksheet Proof spreadsheet without Array formulas

1 2 3 4 5 B C

_____EDI =Col 1+Col 2

Line#	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	304400	Structures & Improvement-T&D	<u>.</u>		<u>.</u>				<u> </u>
2	Recurring Projects		\$218,985	\$0	\$0	\$218,985	\$0	(\$12,294)	(\$5,756)
3	Investment Projects		0	0	0	0	0	0	0
4	Total EDI		\$218,985	\$0	\$0	\$218,985	\$0	(\$12,294)	(\$5,756)
5									
6	311200	Pump Eqp Electric							
7	Recurring Projects		\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Investment Projects		937,013	0	0	937,013	0	(52,602)	(11,478)
9	Total EDI		\$937,013	\$0	\$0	\$937,013	\$0	(\$52,602)	(\$11,478)
10			<u>.</u>		<u>.</u>				<u> </u>
11	331001	Transmission & Distribution Mains							
12	Recurring Projects		\$2,573,931	\$0	\$0	\$2,573,931	\$0	(\$144,496)	(\$77,562)
13	Investment Projects		767,146	0	0	767,146	0	(43,066)	(4,795)
14	Total EDI		\$3,341,077	\$0	\$0	\$3,341,077	\$0	(\$187,562)	(\$82,357)
15			<u>.</u>		<u>.</u>				<u> </u>
16	333000	Services							
17	Recurring Projects		\$15,633	\$0	\$0	\$15,633	\$0	(\$878)	(\$453)
18	Investment Projects		0	0	0	0	0	0	0
19	Total EDI		\$15,633	\$0	\$0	\$15,633	\$0	(\$878)	(\$453)
20			<u>.</u>		<u>.</u>				<u> </u>
21	334300	Meter Vaults							
22	Recurring Projects		\$38,035	\$0	\$0	\$38,035	\$0	(\$2,135)	(\$2,656)
23	Investment Projects		0	0	0	0	0	0	0
24	Total EDI		\$38,035	\$0	\$0	\$38,035	\$0	(\$2,135)	(\$2,656)
25			<u>.</u>		<u>.</u>				<u> </u>
26	335000	Hydrants							
27	Recurring Projects		\$346,756	(\$882)	(\$58,274)	\$345,874	\$933	(\$19,466)	(\$15,277)
28	Investment Projects		0	0	0	0	0	0	0
29	Total EDI		\$346,756	(\$882)	(\$58,274)	\$345,874	\$933	(\$19,466)	(\$15,277)
30									
31	Expense:								
32			\$0	\$0	\$0	\$0	\$0	\$0	\$0
33			0	0	0	0	0	0	0
34			0	0	0	0	0	0	0
35	Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
36									
37	Total		\$4,897,499	(\$882)	(\$58,274)	\$4,896,617	\$933	(\$274,937)	(\$117,977)
38									
39									

Tennessee American Water Company Economic Development Investment (EDI) Investment Worksheet Proof spreadsheet without Array formulas

			6	7	8	9	10	11	12
		EDI	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
1	304400	Structures & Improvement-T&D							
2	Recurring Projects		\$200,935	\$16,982	\$4,664	\$2,959	\$0	\$24,605	\$25,416
3	Investment Projects		0	0	0	0	0	0	0
4	Total EDI		\$200,935	\$16,982	\$4,664	\$2,959	\$0	\$24,605	\$25,416
5									
6	311200	Pump Eqp Electric	40	40	40	40	40	40	40
7	Recurring Projects		\$0	\$0 72.776	\$0	\$0 12.660	\$0	\$0	\$0 443.000
8 9	Investment Projects Total EDI		872,933 \$872,933	73,776 \$73,776	22,957 \$22,957	12,660 \$12,660	<u>0</u> \$0	109,392 \$109,392	112,998 \$112,998
10	TOTALEDI		3072,333	3/3,//0	322,337	\$12,000	30	\$105,552	\$112,550
10 11	331001	Transmission & Distribution Mains							
12	Recurring Projects	Transmission & Distribution Mains	\$2,351,873	\$198,767	\$32,174	\$34,776	\$0	\$265,717	\$274,476
13	Investment Projects		719,285	60,790	9,589	10,365	0	80,744	83,406
14	Total EDI		\$3,071,158	\$259,557	\$41,763	\$45,140	\$0	\$346,461	\$357,881
15									, , , , , , , , , , , , , , , , , , , ,
16	333000	Services							
17	Recurring Projects		\$14,302	\$1,209	\$174	\$211	\$0	\$1,593	\$1,646
18	Investment Projects		0	0	0	0	0	0	0
19	Total EDI		\$14,302	\$1,209	\$174	\$211	\$0	\$1,593	\$1,646
20									
21	334300	Meter Vaults							
22	Recurring Projects		\$33,244	\$2,810	\$1,038	\$514	\$0	\$4,362	\$4,506
23	Investment Projects		0	0	0	0	0	0	0
24	Total EDI		\$33,244	\$2,810	\$1,038	\$514	\$0	\$4,362	\$4,506
25									
26	335000	Hydrants							
27	Recurring Projects		\$254,672	\$21,523	\$6,615	\$4,673	\$0	\$32,811	\$33,893
28	Investment Projects		0	0	0	0	0	0	0
29	Total EDI		\$254,672	\$21,523	\$6,615	\$4,673	\$0	\$32,811	\$33,893
30	_								
31	Expense:		40	40	40	40	40	40	40
32			\$0	\$0	\$0	\$0	\$0	\$0 0	\$0
33 34			0	0	0	0	0	0	0 0
35	Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	TOTAL		\$0	\$0	\$0	\$0	\$0	\$0	\$0
36 37	Total		\$4,447,244	\$375,857	\$77,211	\$66,157	\$0	\$519,225	\$536,339
38	1000		77,777,244	7373,037	\$11,211	300,137	30	7313,223	7330,333
38 39									
33									

1 2 3 4 5 B C

QIIP

=Col 1 + Col 2

Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
1	304300	Struct & Imp-Treatment							
2	Recurring Projects		\$0	(\$94,900)	\$0	(\$94,900)	\$0	\$0	\$21,157
3	Investment Projects	_	6,570,677	(2,607)	0	6,568,070	1,000,000	(883,323)	(1,026,490)
4	Total QIIP		\$6,570,677	(\$97,507)	\$0	\$6,473,170	\$1,000,000	(\$883,323)	(\$1,005,333)
5		-	<u> </u>						
6	304301	Struct & Imp-Treatment-Dpr Paint							
7	Recurring Projects		\$1,250,689	(\$170,157)	\$0	\$1,080,532	\$661,770	(\$168,137)	(\$581,954)
8	Investment Projects	_	0	0	0	0	0	0	0
9	Total QIIP		\$1,250,689	(\$170,157)	\$0	\$1,080,532	\$661,770	(\$168,137)	(\$581,954)
10									
11	320100	WT Equip Non-Media							
12	Recurring Projects		\$259,932	(\$123,785)	\$0	\$136,147	\$89,500	(\$34,942)	(\$44,546)
13	Investment Projects		3,098,265	(1,210,072)	0	1,888,193	2,100,267	(416,514)	(89,731)
14	Total QIIP	·	\$3,358,197	(\$1,333,857)	\$0	\$2,024,340	\$2,189,767	(\$451,456)	(\$134,277)
15		=							
16	320200	Water Trmt Equip Filter Media							
17	Recurring Projects	• •	\$52,740	(\$36,378)	\$0	\$16,362	\$206,460	(\$7,090)	(\$23,957)
18	Investment Projects		0	0	0	0	0	0	0
19	Total QIIP	·	\$52,740	(\$36,378)	\$0	\$16,362	\$206,460	(\$7,090)	(\$23,957)
20		=							
21	330000	Dist Reservoirs & Standpipes							
22	Recurring Projects		\$1,006,573	\$0	\$0	\$1,006,573	\$0	(\$135,320)	(\$41,303)
23	Investment Projects		0	0	0	0	0	0	0
24	Total QIIP	-	\$1,006,573	\$0	\$0	\$1,006,573	\$0	(\$135,320)	(\$41,303)
25		=							
26	330003	Tank Repainting							
27	Recurring Projects		\$1,657,878	(\$308,891)	\$0	\$1,348,987	\$580,347	(\$222,872)	(\$288,215)
28	Investment Projects		0	0	0	0	0	0	0
29	Total QIIP	-	\$1,657,878	(\$308,891)	\$0	\$1,348,987	\$580,347	(\$222,872)	(\$288,215)
30		=	, ,,,,,	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				(1 /- /-	
31	330100	Elevated Tanks & Standpipes							
32	Recurring Projects		\$90,600	\$0	\$0	\$90,600	\$0	(\$12,178)	(\$9,452)
33	Investment Projects		0	0	0	0	0	0	0
34	Total QIIP	-	\$90,600	\$0	\$0	\$90,600	<u>\$0</u>	(\$12,178)	(\$9,452)
35	•	=							
36	330200	Ground Level Tanks							
37	Recurring Projects	Ground Level runks	\$1,710,349	(\$446)	\$0	\$1,709,903	\$977	(\$229,929)	(\$64,762)
38	Investment Projects		91,710,549	(3440)	0	Ç1,703,303 O	0	(\$223,323)	(504,762)
39	Total QIIP	-	\$1,710,349	(\$446)	\$0	\$1,709,903	\$977	(\$229,929)	(\$64,762)
40	.0.0. 4.11	-	71,710,543	(5-1-10)	ŞÜ	71,703,303	3377	(7223,323)	(50-7,702)

____1 ___2 ___3 ___4 ___5 __B ___C

QIIP

=Col 1 + Col 2

Line #	Investment by Plant Account	Account Description	Additions	Retirements	CIAC	Net Investments (for Property Tax Calculation)	Cost of Removal Net of Salvage	Accumulated Deferred Income Taxes	Accumulated Depreciation
41	331001	Transmission & Distribution Mains							
42	Recurring Projects		\$23,332,903	(\$2,873,747)	(\$2,138,244)	\$20,459,156	\$1,495,210	(\$3,136,753)	(\$701,198)
43	Investment Projects		4,163,178	0	0	4,163,178	0	(559,671)	(50,038)
44	Total QIIP		\$27,496,082	(\$2,873,747)	(\$2,138,244)	\$24,622,335	\$1,495,210	(\$3,696,424)	(\$751,236)
45		' <u>'</u>							
46	333000	Services							
47	Recurring Projects		\$4,021,930	(\$204,444)	(\$29,877)	\$3,817,486	\$735,677	(\$540,682)	(\$125,845)
48	Investment Projects	_	0	0	0	0	0	0	0
49	Total QIIP		\$4,021,930	(\$204,444)	(\$29,877)	\$3,817,486	\$735,677	(\$540,682)	(\$125,845)
50									
51	334100	Meters							
52	Recurring Projects		\$972,197	(\$3,545,057)	\$0	(\$2,572,860)	\$377,185	(\$130,700)	\$248,186
53	Investment Projects	_	0	0	0	0	0	0	0
54	Total QIIP		\$972,197	(\$3,545,057)	\$0	(\$2,572,860)	\$377,185	(\$130,700)	\$248,186
55		=							
56	334200	Meter Installations							
57	Recurring Projects		\$10,782,225	(\$901,265)	\$0	\$9,880,960	\$1,608,754	(\$1,449,502)	(\$606,250)
58	Investment Projects		0	0	0	0	0	0	0
59	Total QIIP		\$10,782,225	(\$901,265)	\$0	\$9,880,960	\$1,608,754	(\$1,449,502)	(\$606,250)
60		=							
61	334300	Meter Vaults							
62	Recurring Projects		\$34,625	\$0	\$0	\$34,625	\$1,496	(\$4,653)	(\$1,324)
63	Investment Projects		0	0	0	0	0	0	0
64	Total QIIP	-	\$34,625	\$0	\$0	\$34,625	\$1,496	(\$4,653)	(\$1,324)
65		=							
66	335000	Hydrants							
67	Recurring Projects	•	\$1,830,293	(\$281,384)	(\$132,282)	\$1,548,909	\$122,160	(\$246,055)	(\$89,706)
68	Investment Projects		0	0	0	0	0	0	0
69	Total QIIP	·	\$1,830,293	(\$281,384)	(\$132,282)	\$1,548,909	\$122,160	(\$246,055)	(\$89,706)
70		-							
71	346190	Remote Control & Instrument							
72	Recurring Projects		\$0	\$0	\$0	\$0	\$0	\$0	\$0
73	Investment Projects		207,335	0	0	207,335	0	(27,876)	(25,860)
74	Total QIIP	·	\$207,335	\$0	\$0	\$207,335	\$0	(\$27,876)	(\$25,860)
75		=							
76	Expense:								
77			\$0	\$0	\$0	\$0	\$0	\$0	\$0
78			0	0	0	0	0	0	0
79			0	0	0	0	0	0	0
80	Total	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0
81		=	7.2	7.7					
82	Total	- -	\$61,042,389	(\$9,753,133)	(\$2,300,403)	\$51,289,256	\$8,979,803	(\$8,206,197)	(\$3,501,288)

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
			Earnings Basis Net Investment (Rate	Earnings Basis x Pre-Tax	Depreciation	Property Tax &	Operational	Total Before	Total With
Line #	Investment by Plant Account	Account Description	Base)	Return (PTR)	Expense	Franchise Fees	Expenses	Revenue Tax	Revenue Tax
1	304300	Struct & Imp-Treatment							
2	Recurring Projects		\$21,157	\$1,788	(\$3,900)	(\$1,282)	\$0	(\$3,394)	(\$3,506)
3	Investment Projects		5,660,864	478,425	269,948	88,739	0	837,112	864,705
4	Total QIIP		\$5,682,021	\$480,213	\$266,047	\$87,457	\$0	\$833,718	\$861,199
5									
6	304301	Struct & Imp-Treatment-Dpr Paint							
7	Recurring Projects		\$1,162,368	\$98,237	\$130,312	\$14,599	\$0	\$243,148	\$251,162
8	Investment Projects		<u>0</u>	\$98,237	\$130,312	0 \$14,599	<u>0</u> \$0	<u>0</u> \$243,148	0
9	Total QIIP		\$1,162,368	\$98,237	\$130,312	\$14,599	\$0	\$243,148	\$251,162
10									
11 12	320100	WT Equip Non-Media	\$269,944	ć22.04.4	64.404	ć4 020	ćo	¢26.420	¢25.000
13	Recurring Projects Investment Projects		\$269,944 4,692,287	\$22,814 396,566	\$1,484 20,581	\$1,839 25,511	\$0 0	\$26,138 442,659	\$26,999 457,249
14	Total QIIP		\$4,962,231	\$419,381	\$22,065	\$27,350	\$0	\$468,796	\$484,249
15	Total QIII		Ş4,30Z,Z31	J413,361	\$22,003	327,330	٥٦	3408,730	J404,243
15 16	320200	Water Trmt Equip Filter Media							
17	Recurring Projects	water frint Equip Filter Media	\$228,153	\$19,282	\$5,512	\$221	\$0	\$25,016	\$25,840
18	Investment Projects		,220,133 0	0	93,512	9221	0	, , , , , , , , , , , , , , , , , , ,	\$25,840 0
19	Total QIIP		\$228,153	\$19,282	\$5,512	\$221	\$0	\$25,016	\$25,840
20			7-20,200	+,	70,000			+-0/010	7-0,010
21	330000	Dist Reservoirs & Standpipes							
22	Recurring Projects	2 ist neser tons a standpipes	\$829,950	\$70,143	\$20,937	\$13,600	\$0	\$104,679	\$108,129
23	Investment Projects		0	0	0	0	0	0	0
24	Total QIIP		\$829,950	\$70,143	\$20,937	\$13,600	\$0	\$104,679	\$108,129
25									
26	330003	Tank Repainting							
27	Recurring Projects		\$1,727,138	\$145,968	\$149,468	\$18,226	\$0	\$313,662	\$324,001
28	Investment Projects		0	0	0	0	0	0	0
29	Total QIIP		\$1,727,138	\$145,968	\$149,468	\$18,226	\$0	\$313,662	\$324,001
30									
31	330100	Elevated Tanks & Standpipes							
32	Recurring Projects		\$68,970	\$5,829	\$2,482	\$1,224	\$0	\$9,535	\$9,850
33	Investment Projects		0	0	0	0	0	0	0
34	Total QIIP		\$68,970	\$5,829	\$2,482	\$1,224	\$0	\$9,535	\$9,850
35						_			
36	330200	Ground Level Tanks							
37	Recurring Projects		\$1,416,635	\$119,726	\$46,851	\$23,102	\$0	\$189,680	\$195,932
38	Investment Projects		0	0	0	0	0	0	0
39	Total QIIP		\$1,416,635	\$119,726	\$46,851	\$23,102	\$0	\$189,680	\$195,932
40									

			6	7	8	9	10	11	12
		QIIP	=Cols 1 + 3 + 5 + B + C	=Col 6 x 8.451452%	=(Col 1+2+3)x Depreciation Rate	= (Col 4 x Prop Tax Rate) + (Col 4 x Franchise Rate)		=Cols 7 + 8 + 9 + 10	= Col 11 / (1 - 3.191%)
Line #	Investment by Plant Account	Account Description	Earnings Basis Net Investment (Rate Base)	Earnings Basis x Pre-Tax Return (PTR)	Depreciation Expense	Property Tax & Franchise Fees	Operational Expenses	Total Before Revenue Tax	Total With Revenue Tax
41	331001	Transmission & Distribution Mains							
42	Recurring Projects		\$18,851,918	\$1,593,261	\$229,011	\$276,418	\$0	\$2,098,690	\$2,167,867
43	Investment Projects		3,553,469	300,320	52,040	56,248	0	408,607	422,075
44	Total QIIP		\$22,405,388	\$1,893,581	\$281,051	\$332,665	\$0	\$2,507,297	\$2,589,942
45									
46	333000	Services							
47	Recurring Projects		\$4,061,203	\$343,231	\$42,042	\$51,577	\$0	\$436,850	\$451,249
48	Investment Projects		0	0	0	0	0	0	0
49	Total QIIP		\$4,061,203	\$343,231	\$42,042	\$51,577	\$0	\$436,850	\$451,249
50									
51	334100	Meters							
52	Recurring Projects		\$1,466,868	\$123,972	(\$192,193)	(\$34,761)	\$0	(\$102,982)	(\$106,377)
53	Investment Projects		0	0	0	0	0	0	(1.22.22)
54	Total QIIP		\$1,466,868	\$123,972	(\$192,193)	(\$34,761)	\$0	(\$102,982)	(\$106,377)
55									
56	334200	Meter Installations	4	**		4		4	4
57	Recurring Projects		\$10,335,227	\$873,477	\$269,750	\$133,499	\$0	\$1,276,726	\$1,318,809
58	Investment Projects		0	0	0	0	0	0	0
59	Total QIIP		\$10,335,227	\$873,477	\$269,750	\$133,499	\$0	\$1,276,726	\$1,318,809
60									
61	334300	Meter Vaults	Ć20 444	62.540	ĆO 4E	Ć460	ćo	ć2.0C4	Ć4 004
62	Recurring Projects		\$30,144 0	\$2,548 0	\$945 0	\$468 0	\$0	\$3,961 0	\$4,091
63 64	Investment Projects Total QIIP		\$30,144	\$2,548	\$945	\$468	<u>0</u> \$0	\$3,961	\$4,091
	Total QIIP		\$50,144	\$2,548	\$945	3408	ŞU	\$3,901	\$4,091
65									
66	335000	Hydrants	Ć1 404 440	6425 454	ć22 F02	ć20 02 7	\$0	Ć470.0C4	6404.063
67 68	Recurring Projects Investment Projects		\$1,484,410 0	\$125,454 0	\$32,582 0	\$20,927 0	\$0 0	\$178,964 0	\$184,862 0
69	Total QIIP		\$1,484,410	\$125,454	\$32,582	\$20,927	\$0	\$178,964	\$184,862
70	Total QIIP		\$1,484,410	\$125,454	\$32,382	\$20,927	ŞU	\$178,904	\$104,002
70 71	246100	Remote Control & Instrument							
	346190	Remote Control & Instrument	\$0	\$0	\$0	\$0	\$0	\$0	ćo
72	Recurring Projects			·	·			•	\$0 25.240
73 74	Investment Projects Total QIIP		153,599 \$153,599	12,981 \$12,981	8,729 \$8,729	2,801 \$2,801	<u>0</u> \$0	24,511 \$24,511	25,319 \$25,319
	Total QIIP		\$155,599	\$12,981	\$8,729	\$2,801	ŞU	\$24,511	\$25,319
75 76	F								
76	Expense:		\$0	\$0	ćo	\$0	\$0	\$0	ćo
77 78			\$0 0	\$0 0	\$0 0	\$0 0	\$0 0	\$0 0	\$0 0
			0					0	
79 80	Total		\$0	<u>0</u> \$0	\$0	<u>0</u> \$0	<u>0</u> \$0	\$0	<u>0</u> \$0
	Total		\$0	\$0	\$0	\$0	\$0	\$0	\$0
81 82	Total		\$56,014,304	\$4,734,022	\$1,086,583	\$692,955	\$0	\$6,513,560	\$6,728,259
02	. Otal		330,014,3U4	34,734,022	71,000,303	7072,733	Ųξ	νυ,σ13,300	30,720,233

Tennessee American Water

Excess ADIT	
Tariff Rate Calculation	

2020 Rate EADIT Rate Year Amortization \$2,424,478.43 amortization amount includes adjustment for inverse sign from TPUC Staff discovery response 1.35382116 Gross-up Rate \$3,282,310.00 Grossed Up Amortization EADIT Rate Base Offset \$745,993.36 IRS consistency rules Authorized Pre-Tax Rate of Return 8.4515% Pre-Tax Rate Return on EADIT Amortization \$63,047.00 Total 2020 EADIT Revenue Credit \$3,219,263.00 Authorized Revenues For 2020 Credit (7/12th) \$27,459,672 EADIT percentage to apply to bill for 2020 11.72% EADIT rate will be required to expire at year end, 12/31/20 2021 Rate $amortization\ amount\ includes\ adjustment\ for\ inverse\ sign\ from\ TPUC\ Staff\ discovery\ response$ Rate Year Amortization \$1,786,219.75 Gross-up Rate 1.35382116 \$2,418,222.00 Grossed Up Amortization **EADIT Rate Base Offset** \$3,317,588.30 IRS consistency rules Authorized Pre-Tax Rate of Return 8.4515% Pre-Tax Rate Return on EADIT Amortization \$280,384.00 Total 2020 EADIT Revenue Credit \$2,137,838.00 Service Charge and Volumetric Revenues as Per Docket No. 12-00049 \$47,073,724 EADIT percentage to apply to bill - Annual 4.54% Annual rate to be applied on 1/1/2021 and to be updated in the next capital rider surcharge filing with 2021 ARAM amount.

					202	20 EADIT Rate Bas	e							
Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total	
						346,354.06	346,354.06	346,354.06	346,354.06	346,354.06	346,354.06	346,354.07	2,424,478.43	\$0.00
0.00	0.00	0.00	0.00	0.00	0.00	346,354.06	692,708.12	1,039,062.18	1,385,416.24	1,731,770.30	2,078,124.36	2,424,478.43	745,993.36	Average

					20	21 EADIT Rate Ba	se							
Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total	
0.00	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	148,851.65	1,786,219.75	\$0
2,424,478.43	2,573,330.08	2,722,181.72	2,871,033.37	3,019,885.01	3,168,736.66	3,317,588.30	3,466,439.95	3,615,291.60	3,764,143.24	3,912,994.89	4,061,846.53	4,210,698.18	3,317,588.30	Average

Tennessee American Water Excess ADIT Years 2018, 2019 & 2020

Response to PUC Staff DR 1_003							Per 5/11 Hearing					
		Total Net Excess	Protected / Unprotected	Non Power Tax Amortization Period	2018 Excess	2019 Excess	2020 Excess	_	2018 Excess	2019 Excess	2020 Excess	2020 Excess
Net Excess Amortization from Powerta	x (Rpt 259)											
Method / Life	ARAM	13,196,17	5 Protected		363,518	372,267	400,935	ARAM	363,518	372,267	400,935	1,136,720 three years
Cost of Removal	ARAM	552,56	4 Uncertain		0	0	0	ARAM	0	0	0	0 three years
Repairs	ARAM	4,757,62	0 Unprotected		123,584	141,299	110,508	3 yr	1,585,873	1,585,873	1,585,873	1,585,873 first year
Taxable CIAC	ARAM	(403,37	0) Protected		(22,436)	(22,436)	(22,437)	ARAM	(22,436)	(22,436)	(22,437)	(67,309) three years
All Other	ARAM		2 Unprotected	_	64,034	85,657	46,173	3 yr	89,621	89,621	89,621	89,621 first year
Powertax		18,371,85	2		528,700	576,786	535,179		2,016,576	2,025,325	2,053,992	2,744,905
Federal NOL	Proportional to ARAM	(801,59	9) Uncertain		23,969	28,685	25,412	ARAM	23,969	28,685	25,412	(78,066) three years
Plant Customer Advances	Proportional to ARAM	(460,20	3) Unprotected		(13,244)	(14,876)	(14,264)	3 yr	(153,401)	(153,401)	(153,401)	(153,401) first year
Plant CWIP	Proportional to ARAM	11,76	3 Unprotected		339	380	365	3 yr	3,921	3,921	3,921	3,921 first year
CIAC WIP	Proportional to ARAM	(5,61	9) Unprotected		(162)	(182)	(174)	3 yr	(1,873)	(1,873)	(1,873)	(1,873) first year
Plant 481	Proportional to ARAM	110,15	6 Unprotected		3,170	3,561	3,414	3 yr	36,719	36,719	36,719	36,719 first year
Total Subject to ARAM		17,226,34	9	-	542,771	594,354	549,932	_	1,925,910	1,939,375	1,964,770	2,552,205
All Other Non Plant	Amortization	(383,17	8) Unprotected	20	(19,159)	(19,159)	(19,159)	3 yr	(127,726)	(127,726)	(127,726)	(127,726) first year
Total Federal and State Excesses		16,843,17	-	-	523,613	575,196	530,773	_	1,798,184	1,811,649	1,837,044	2,424,478
Total Federal and State Excesses		10,843,17	•		323,013	373,130	330,773		1,750,104	1,011,049	1,037,044	2,727,710
											1,786,220	

Calculation of EADIT Credit

		Per Company	PUC1_003
Catch up amortization	1-1-18 to 12-31-19	1,098,808	3,609,833
Gross Up		1,487,590	4,887,068
Rate Year Amortization	1-1-20 to 12-31-20	530,773	1,837,044
Gross Up		718,572	2,487,029
Total 2020 Credit		2,206,162	7,374,098
		_,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Authorized Revenues		47,073,724	47,073,724
EADIT percentage to apply to bill		4.69%	15.66%
Docket # 19-00105			
Tarriff percentage authorized		24.21%	24.21%
EADIT percentage adjustment		-4.69%	-15.66%
Tariff percentage with 2020 EADIT		19.52%	8.55%

IRS Consistency Rules

168(i)(9)Normalization rules.—

168(i)(9)(A)In general.—

In order to use a normalization method of accounting with respect to any public utility property for purposes 168(i)(9)(A)(i)

the taxpayer must, in computing its tax expense for purposes of establishing its cost of service for ratemaking **168(i)(9)(A)(ii)**

if the amount allowable as a deduction under this section with respect to such property (respecting all elections)

168(i)(9)(B)Use of inconsistent estimates and projections, etc.—

168(i)(9)(B)(i)In general.—

One way in which the requirements of subparagraph (A) are not met is if the taxpayer, for ratemaking purpose 168(i)(9)(B)(ii)Use of inconsistent estimates and projections.—

The procedures and adjustments which are to be treated as inconsistent for purposes of clause (i) shall include 168(i)(9)(B)(iii)Regulatory authority.—

The Secretary may by regulations prescribe procedures and adjustments (in addition to those specified in cla

g purposes and reflecting operating results in its regulated books of account, use a method of depreciation w
ons made by the taxpayer under this section) differs from the amount that would be allowable as a deduction
ses, uses a procedure or adjustment which is inconsistent with the requirements of subparagraph (A).
de any procedure or adjustment for ratemaking purposes which uses an estimate or projection of the taxpays

ith respect to such property that is the same as, and a depreciation period for such property that is no shorte
1 under section 167 using the method (including the period, first and last year convention, and salvage value)
er's tax expense, depreciation expense, or reserve for deferred taxes under subparagraph (A)(ii) unless such e

used to compute regulated tax expense under clause (i), the taxpayer must make adjustments to a reserve to
stimate or projection is also used, for ratemaking purposes, with respect to the other 2 such items and with r



CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served via U.S. Mail or electronic mail upon:

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This the 22nd day of June, 2020.