

BASS

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December 12, 2013

VIA HAND DELIVERY

Executive Director Earl Taylor
c/o Sharla Dillon
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, Tennessee 37243

Re: ***In re: Petition of Piedmont Natural Gas Company, Inc. for Approval of an Integrity Management Rider to Its Approved Rate Schedules and Service Regulations***
Docket No. 13-00118

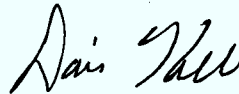
Dear Mr. Taylor:

Enclosed please find an original and five (5) copies of Piedmont Natural Gas Company's Response to the TRA's Data Request No. 2 dated December 10, 2013.

This material is also being filed today by way of email to the Tennessee Regulatory Authority docket manager, Sharla Dillon. Please file the original and four copies of each filing and stamp the additional copies as "filed." Then please return the stamped copy to me by way of our courier.

Should you have any questions concerning this matter, please do not hesitate to contact me at the email address or telephone number listed above.

Sincerely,



David Killion

cc: James H. Jeffries, IV
Joe Shirley, Consumer Advocate and Protection Division

Piedmont Natural Gas Company, Inc.
Docket No. 13-00118
TRA Data Request No. 2
Date Sent: December 10, 2013
Date Due: December 12, 2013

1. The Stipulation filed November 27, 2013, Item No. 4, Page 4; states: “*Source of Factors Used in Calculations*. The Company agrees to use the methodologies approved in the most recent rate case for accumulated depreciation, depreciation expense, property taxes, per-tax return and uncollectibles gross-up factor. The Company agrees to use the average of the actual accumulated deferred income taxes at the beginning and end of the year.” Please provide the approved methodologies that will be utilized.

Response:

The methodologies that will be utilized are shown in the schedules within the attached excel file. These schedules were used to prepare and support the Company’s December 2, 2013 conditional filing of the IMR mechanism annual report and proposed Thirty-Ninth Revised [tariff] Sheet No.1.

As shown in these schedules, for purposes of the IMR mechanism:

- accumulated depreciation and depreciation expense are computed for each vintage year using a book depreciation rate of 1.45%. This is the Company’s current TRA-approved depreciation rate for Transmission Mains (account 36700), as supported by Appendix A of Exhibit (RW-1) of the direct testimony of Company Witness Rhonda Watts in Docket 11-00144 and by Paragraph 16e of the approved stipulation in Docket 11-00144. For simplicity of the calculation of the IMRR, accumulated depreciation and depreciation expense were computed using a singular depreciation rate; since the majority of the plant investment subject to the IMR mechanism in the Company’s December 2, 2013 filing is for TIMP projects, the depreciation rate for Transmission Mains was used. The calculation of accumulated depreciation and depreciation expense for vintage year one is shown on page 4c of the attachment. Note that in lieu of the current approach of using a singular “majority” depreciation rate, the computation of the IRM mechanism could be performed using each individual depreciation rate associated with the actual plant investment. It is anticipated that doing so would not materially change the financial implications of the IMR mechanism to customers or the Company at this juncture, although it would increase the number of schedules and computations needed to support the IMR mechanism annual filing.
- property tax expense is computed for each vintage year as 0.73% of the gross plant amount of the integrity investment. The rate of 0.73% reflects the total property tax expense as a percentage of total gross plant as shown in Settlement Attachment A in Docket 11-00144. Specifically, Schedule 5 of Settlement Attachment A shows Property Taxes of \$5,218,572 and Schedule 2 of Settlement Attachment A shows Utility Plant in Service (gross plant) of \$713,852,981. The

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calculation of property tax expense for vintage year one is shown on page 4a of the attachment.

- the capital structure and capital cost rates used in the computation of the revenue requirement for each vintage year yield match those from Schedule 8 of Settlement Attachment A in Docket 11-00144, yielding an overall rate of return of 7.98%. On a pre-tax basis considering the federal (35%) and state (6.5%) corporate income tax rates, the rate is 11.46%. The calculation of the pre-tax return for vintage year one is shown on page 4b of the attachment.
- the uncollectibles gross-up factor used in the computation of the revenue requirement for each vintage year yield is 1.000308, which matches the uncollectibles gross-up factor from Schedule 7 of Settlement Attachment A in Docket 11-00144. The calculation of the revenue requirement for vintage year one with the application of the uncollectibles gross-up factor is shown on page 4a of the attachment.

The calculation of the average of the actual accumulated deferred income taxes at the beginning and end of the year for vintage year one is shown on page 4d of the attachment. Note that this calculation methodology provides a 12-month average for accumulated deferred income taxes as opposed to the 13-month average that is traditionally used in rate case proceedings. Nevertheless, it is believed that the proposed calculation for the average of the actual accumulated deferred income taxes is a reasonable and more simplified approach for the IMR mechanism, yield no material difference in financial implications to customers or the Company from using the 13-month average.

Response provided by Piedmont Natural Gas on December 12, 2013.

Response Attachment

Supporting Worksheets

Computation of the Integrity Management Adjustment

Line No.	Rider Rate Period	Reference	Residential (301)	Commercial (302,352)	Large General - Firm (303,313,310)	Large General - Interruptible (304,314)	Total
Jan 1 2014 -Dec 31 2014							
1	Customer Class Apportionment Percent	[Page 2]	59.6439%	31.2006%	4.9463%	4.2091%	100.0000%
2	IMRR for Recovery, excluding Refund Adjustment	[= Total from Page 3 x Line 1]	\$ 7,810,665	\$ 4,085,872	\$ 647,747	\$ 551,208	\$ 13,095,492
3	Refund Adjustment	n/a	n/a	n/a	n/a	n/a	n/a
4	Total Amount for Recovery in this Rider	[= Line 2 + Line 3]	\$ 7,810,665	\$ 4,085,872	\$ 647,747	\$ 551,208	\$ 13,095,492
5	Throughput from Relevant Rate Case Order (Dekatherms)	[Page 2]	11,130,214	6,664,958	2,378,880	8,098,027	28,272,079
6	Rate per Dekatherm	[= Line 4 / Line 5]	\$0.70180	\$0.61300	\$0.27230	\$0.06810	
7	Proposed Integrity Management Adjustment per therm	[= Line 6 / 10]	\$0.07018	\$0.06130	\$0.02723	\$0.00681	

Allocators from the Relevant Rate Case Order (Docket 11-00144)

Margin	Annual Total	Allocation %
Residential (301)	\$ 62,049,925	59.64%
Commercial (302, 352)	32,459,219	31.20%
Large General Service - Firm (303, 313, 310)	5,145,869	4.95%
Large General Service - Interruptible (304, 314)	4,378,934	4.21%
Total	\$ 104,033,947	100.00%

Throughput (DTs)	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Total</u>
Residential (301)	973,336	1,730,608	2,359,111	2,385,891	1,619,952	916,259	373,476	147,666	108,017	107,902	110,242	297,754	11,130,214
Commercial (302, 352)	584,122	941,038	1,236,854	1,246,332	886,901	542,351	290,661	185,427	166,853	166,553	166,151	251,717	6,664,958
Large General Service - Firm (303, 313, 310)	215,868	357,459	373,276	272,366	238,238	161,907	152,836	108,789	110,733	112,060	121,273	154,075	2,378,880
Large General Service - Interruptible (304, 314)	682,506	880,548	899,370	728,423	753,173	640,120	614,296	571,617	558,058	564,523	554,369	651,023	8,098,027
Total	2,455,831	3,909,653	4,868,611	4,633,012	3,498,264	2,260,637	1,431,269	1,013,499	943,661	951,038	952,034	1,354,569	28,272,079
Throughput Apportionment	8.69%	13.83%	17.22%	16.39%	12.37%	8.00%	5.06%	3.58%	3.34%	3.36%	3.37%	4.79%	100.00%

Summary of IMRR Computation

Line No.	Vintage Year	Rate Period
		Jan 1 2014 - Dec 31 2014
1	Vintage 1	13,095,492
2	Vintage 2	n/a
3	Vintage 3	n/a
4	Vintage 4	n/a
5	Total	<u>13,095,492</u>
6	Total IMRR, excluding Refund Adjustment	<u>\$ 13,095,492</u>

Spread of Total IMRR, excluding Refund Adjustment, by Month

7	January	\$ 2,255,117
8	February	\$ 2,145,989
9	March	\$ 1,620,379
10	April	\$ 1,047,116
11	May	\$ 662,957
12	June	\$ 469,448
13	July	\$ 437,099
14	August	\$ 440,516
15	September	\$ 440,978
16	October	\$ 627,430
17	November	\$ 1,137,529
18	December	<u>\$ 1,810,933</u>
19	Total	<u>\$ 13,095,492</u>

Piedmont Natural Gas Company, Inc.
 Integrity Management Rider
 State of Tennessee

Annual Revenue Requirement Computation

Rider Rate Period: January 1, 2014 - December 31, 2014

Vintage Year 1 - Fiscal Year October 31, 2013

	<u>Year 1</u>	<u>Year 2</u>	<u>Year 3</u>	<u>Year 4</u>	<u>Year 5</u>
Plant	100,306,283	100,306,283	100,306,283	100,306,283	100,306,283
Accumulated depreciation	(974,476)	(2,428,917)	(3,883,358)	(5,337,799)	(6,792,240)
Net plant	99,331,807	97,877,366	96,422,925	94,968,484	93,514,043
ADIT	(4,057,566)	(6,977,762)	(9,549,872)	(11,808,303)	(13,792,262)
Net investment	95,274,242	90,899,604	86,873,053	83,160,182	79,721,781
Pre-tax ROR%	11.446%	11.446%	11.446%	11.446%	11.446%
Pre-tax rate of return	10,904,782	10,404,075	9,943,209	9,518,245	9,124,697
Depreciation expense	1,454,441	1,454,441	1,454,441	1,454,441	1,454,441
Property Tax expense	732,236	732,236	732,236	732,236	732,236
Total, excluding uncollectibles	13,091,459	12,590,752	12,129,886	11,704,922	11,311,374
Uncollectibles gross-up factor	1.000308	1.000308	1.000308	1.000308	1.000308
Total revenue requirement	13,095,492	12,594,631	12,133,623	11,708,529	11,314,859

Assumptions and calculations:

Rider computed each year.

Normal depreciation and AFUDC practices apply, AFUDC ends and depreciation begins when plant goes into service.

Net of tax rate of return	6.96%	6.96%	6.96%	6.96%	6.96%
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Piedmont Natural Gas Company, Inc.
Integrity Management Rider
State of Tennessee

Annual Revenue Requirement Computation

Rider Rate Period: January 1, 2014 - December 31, 2014

Page 4b

Plant amount	100,306,283					
Book depreciation rate	1.45%					
Property Tax Rate	0.73%					
Tax depreciation	MACRS 15	assumed no bonus depreciation				
Plant in service date	31-Oct-13					
Rider effective date	1-Jan-14					
Fiscal year end	31-Oct-13					
SIT rate	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
FIT rate	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%
Composite income tax rate	39.23%	39.23%	39.23%	39.23%	39.23%	39.23%
Uncollectibles rate	0.0308%	0.0308%	0.0308%	0.0308%	0.0308%	0.0308%
Revenue requirement gross-up factor	1.000308	1.000308	1.000308	1.000308	1.000308	1.000308
<u>Capital structure assumptions (rate case):</u>						
LTD	41.42%					
STD	5.87%					
Common equity	52.71%					
<u>Capital cost rate assumptions (rate case):</u>						
LTD	6.05%					
STD	1.59%					
Common equity	10.20%					
<u>Overall and pre-tax RORs</u>						
	Overall	Pre-tax RORs				
LTD	2.506%	2.506%	2.506%	2.506%	2.506%	2.506%
STD	0.093%	0.093%	0.093%	0.093%	0.093%	0.093%
Common equity	5.376%	8.846%	8.846%	8.846%	8.846%	8.846%
Total	7.976%	11.446%	11.446%	11.446%	11.446%	11.446%

Piedmont Natural Gas Company, Inc.
Integrity Management Rider
State of Tennessee

Annual Revenue Requirement Computation

Rider Rate Period: January 1, 2014 - December 31, 2014

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MACRS 15 tax depreciation schedule

	Rate	Yearly	Cumulative
Tax year 1	5.00%	5,015,314	
Tax year 2	9.50%	9,529,097	14,544,411
Tax year 3	8.55%	8,576,187	23,120,598
Tax year 4	7.70%	7,723,584	30,844,182
Tax year 5	6.93%	6,951,225	37,795,407
Tax year 6	6.23%	6,249,081	44,044,489
Tax year 7	5.90%	5,918,071	49,962,560
Tax year 8	5.90%	5,918,071	55,880,630
Tax year 9	5.91%	5,928,101	61,808,732
Tax year 10	5.90%	5,918,071	67,726,802
Tax year 11	5.91%	5,928,101	73,654,904
Tax year 12	5.90%	5,918,071	79,572,974
Tax year 13	5.91%	5,928,101	85,501,076
Tax year 14	5.90%	5,918,071	91,419,146
Tax year 15	5.91%	5,928,101	97,347,248
Tax year 16	2.95%	2,959,035	100,306,283
Total	100.00%	100,306,283	

Accumulated depreciation

Portion of year in service before rider 17%

Pre-rider amount of depreciation 247,255

Rider year BOY amount	247,255	1,701,696	3,156,137	4,610,578	6,065,019
Depreciation expense	1,454,441	1,454,441	1,454,441	1,454,441	1,454,441
Rider year EOY amount	1,701,696	3,156,137	4,610,578	6,065,019	7,519,461
Average accumulated depreciation	974,476	2,428,917	3,883,358	5,337,799	6,792,240

Piedmont Natural Gas Company, Inc.
Integrity Management Rider
State of Tennessee

Annual Revenue Requirement Computation

Rider Rate Period: January 1, 2014 - December 31, 2014

Page 4d

Tax depreciation reserve

FY of completion tax depreciation	5,015,314				
Post FY tax depreciation to rider date	17%				
Tax year 2 tax depreciation	9,529,097				
Tax year 2 pre-rider tax depr	1,619,946				
Rider year BOY amount	6,635,261	16,002,363	24,433,607	32,025,890	38,857,751
Tax period A tax depreciation	7,909,150	7,118,235	6,410,575	5,769,517	5,186,738
Tax period B tax depreciation	1,457,952	1,313,009	1,181,708	1,062,344	1,006,072
Rider year EOY amount	16,002,363	24,433,607	32,025,890	38,857,751	45,050,561
Average tax depreciation reserve	11,318,812	20,217,985	28,229,749	35,441,821	41,954,156

Note - gap between fiscal year and rider year addressed by tax period A and tax period B.

Accumulated deferred taxes

Average tax depreciation reserve	11,318,812	20,217,985	28,229,749	35,441,821	41,954,156
Average book depreciation reserve	974,476	2,428,917	3,883,358	5,337,799	6,792,240
Difference	10,344,336	17,789,069	24,346,391	30,104,022	35,161,916
Composite tax rate	39.23%	39.23%	39.23%	39.23%	39.23%
Average ADIT	4,057,566	6,977,762	9,549,872	11,808,303	13,792,262

Note - composite tax rate ignores excess deferred tax flowback

Actual Integrity Management Investment, by Integrity Project Type

<u>Line No.</u>		(a)		(b)	
		March 2012 thru October 2013		Cumulative Capital	
		<u>Capital Expenditure</u> ¹		<u>Expenditure as of October 2013</u> ²	
	<i>TN Direct</i>				
1	Corrosion Control	\$	3,504,859	\$	3,504,859
2	Casing Remediation	\$	306	\$	306
3	Distribution Integrity	\$	4,568,543	\$	4,568,543
4	Transmission Integrity	\$	117,751,816	\$	117,751,816
5	Total	\$	125,825,524	\$	125,825,524
	<i>Joint Property: CO3-State</i>				
6	OASIS Project (Work & Asset Management System)	\$	41,118,432	\$	41,118,432
7	TN % of CO-3 as of 10/31/13 ³		17.95%		17.95%
8	Total Allocated to TN	\$	7,380,759	\$	7,380,759
9	Total Capital Expenditures [Line 5 + Line 8]	\$	133,206,283	\$	133,206,283
10	Less: Amount Included in the Attrition Period ⁴	\$	32,900,000	\$	32,900,000
11	Total Integrity Management Investment	\$	100,306,283	\$	100,306,283

1/ Represents the actual capital expenditure amount that is subject to this Rider

2/ Represents the cumulative capital expenditure amount to-date that is subject to this Rider

3/ Represents the TN% of Total Company Gas Plant Excluding Joint Property as of October 31, 2013

4/ Amount being recovered in existing base rates, per the Relevant Rate Order in Docket 11-00144

Actual Capital Investment By Month, by Capital Funding Project

Line No.	Capital Project Type	Funding Project Number	District	Funding Project Description	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12
1	CORR-Corrosion Control	FP1733427	17	Line AA & Bell Rd Ext AC Mitigation	\$ 1,670	\$ 2,649	\$ 1,697	\$ 1,708	\$ 1,719	\$ 12,670	\$ 1,812
2	CORR-Corrosion Control	FP1733442	17	Grnd Bed & Rectifier Donelson/Trous	\$ 142	\$ 3,226	\$ 164	\$ 10,894	\$ 742	\$ 5,625	\$ 745
3	CORR-Corrosion Control	FP1733450	17	CP New Coating Nashville	\$ 1,053,090	\$ 593,606	\$ 17,287	\$ 16,370	\$ 92,865	\$ 6,718	\$ 17,131
4	CORR-Corrosion Control	FP1733548	17	Nashville Distribution New Coating							
5	CORR-Corrosion Control	FP1733549	17	Nashville AC Mitigation							
6	CORR-Corrosion Control	FP1733567	17	Nashville Bridge New Coating-Dist							
7	CORR-Corrosion Control	FP1733568	17	Nashville Bridge New Coating-Trans							
8	CSNG-Casing & Remediation	FP1733393	17	Whites Creek Pike Casing Mitig	\$ 152	\$ 153					
9	DIMP-Distribution Integrity	FP1733488	17	Gallatin Rd at Liberty Ln			\$ 1,430	\$ 9	\$ 9	\$ 9	\$ 9
10	DIMP-Distribution Integrity	FP1733498	17	Clare Avenue - Insertion				\$ 1,509	\$ 46,498	\$ 140,247	\$ 2,164
11	DIMP-Distribution Integrity	FP1733503	17	Broadmoor Dr			\$ 714	\$ 41	\$ 16,681	\$ 29,153	\$ 53,865
12	DIMP-Distribution Integrity	FP1733516	17	Duling Ave - Main Replacement			\$ 677	\$ 4	\$ 10	\$ 4	\$ 4
13	DIMP-Distribution Integrity	FP1733584	17	Ally between 4th and 3rd Av N							
14	DIMP-Distribution Integrity	FP1733603	17	Hogan Road - Main Replacement							
15	DIMP-Distribution Integrity	FP1733606	17	Charlotte Pk and Ocoola Av							
16	DIMP-Distribution Integrity	FP1733612	17	Hobbs Rd							
17	DIMP-Distribution Integrity	FP1733615	17	Sutton Hill Rd - Replacement							
18	DIMP-Distribution Integrity	FP1733621	17	Retrofit ILI Creek Bores Nashv							
19	DIMP-Distribution Integrity	FP1733634	17	44th Ave N between Alabama and							
20	DIMP-Distribution Integrity	FP1733639	17	Morena St - Insertion							
21	DIMP-Distribution Integrity	FP1733649	17	Crutcher St - Insertion							
22	DIMP-Distribution Integrity	FP1733662	17	28th Ave and Herman St							
23	DIMP-Distribution Integrity	FP1733667	17	Crockett Rd Stream Crossing							
24	DIMP-Distribution Integrity	FP1733749	17	North 1st St - Replacement							
25	DIMP-Distribution Integrity	FP1733788	17	Old Hickory Blvd at Chickering							
26	TIMP-Transmission Integrity	FP1733363	17	ILI Retrofit - Line J	\$ 68,082	\$ 91,976	\$ 61,971	\$ 63,089	\$ 55,500	\$ 134,729	\$ (11,963)
27	TIMP-Transmission Integrity	FP1733364	17	ILI Retrofit - Lines R,V,W,X,Y	\$ 15,622	\$ 4,379	\$ 4,407	\$ 4,436	\$ 4,464	\$ 19,030	\$ 143,240
28	TIMP-Transmission Integrity	FP1733365	17	ILI Retrofit - Lines A,B,D	\$ 99,221	\$ 331,728	\$ 193,065	\$ 257,488	\$ 133,722	\$ 156,311	\$ 166,891
29	TIMP-Transmission Integrity	FP1733398	17	South Nashville 20"	\$ 116,223	\$ 111,102	\$ 440,805	\$ 291,948	\$ 327,049	\$ 459,687	\$ 645,336
30	TIMP-Transmission Integrity	FP1733409	17	Line C and E TIMP retrofits	\$ 951,138	\$ 2,619,186	\$ 1,813,870	\$ 2,184,633	\$ 1,041,925	\$ 945,643	\$ 195,899
31	TIMP-Transmission Integrity	FP1733446	17	Nashville "J" line replacement	\$ 77,152	\$ 17,400	\$ 274,157	\$ (260,428)	\$ 5,732	\$ 5,769	\$ 207,977
32	TIMP-Transmission Integrity	FP1733461	17	Nashville ILI Retrofit Holtsholder	\$ 431,358	\$ 1,856,390	\$ 1,085,543	\$ 2,373,127	\$ 510,404	\$ 993,955	\$ 508,581
33	TIMP-Transmission Integrity	FP1733462	17	Nashville ILI Retrofit-Holtsholder2	\$ 192,386	\$ 200,701	\$ 128,366	\$ 225,244	\$ 356,411	\$ 45,655	\$ 621,716
34	TIMP-Transmission Integrity	FP1733463	17	Nashville ILI Retrofit-Bordeau	\$ 7,376	\$ 57,924	\$ 317,020	\$ 33,950	\$ 543,054	\$ 1,013,991	\$ 1,255,098
35	ISENP-Information Serv Enterprise	FP0026658	00	Work & Asset Management (OASIS)	\$ 1,097,561	\$ 227,125	\$ 589,699	\$ 182,730	\$ 523,997	\$ 1,851,725	\$ 1,389,062
36	Grand Total				\$ 4,111,174	\$ 6,117,546	\$ 4,930,872	\$ 5,386,751	\$ 3,660,784	\$ 5,820,923	\$ 5,197,569

Actual Capital Investment By Month, by Capital Funding Project

Line No.	Capital Project Type	Funding Project Number	District	Funding Project Description	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13
1	CORR-Corrosion Control	FP1733427	17	Line AA & Bell Rd Ext AC Mitigation	\$ 1,823	\$ 1,835	\$ 1,847	\$ (7,316)			
2	CORR-Corrosion Control	FP1733442	17	Grnd Bed & Rectifier Donelson/Trous	\$ 280	\$ 282	\$ 3,893	\$ 309	\$ 311	\$ 313	\$ 315
3	CORR-Corrosion Control	FP1733450	17	CP New Coating Nashville	\$ 390,316	\$ 122,364	\$ 100,749	\$ 50,681	\$ 20,090	\$ 53,334	\$ 24,843
4	CORR-Corrosion Control	FP1733548	17	Nashville Distribution New Coating					\$ -	\$ 4,588	\$ 448
5	CORR-Corrosion Control	FP1733549	17	Nashville AC Mitigation					\$ 3,250	\$ 21	\$ 21
6	CORR-Corrosion Control	FP1733567	17	Nashville Bridge New Coating-Dist	\$ 338,108	\$ 286,748	\$ 71,939	\$ 4,472	\$ 4,501	\$ 4,530	\$ 4,559
7	CORR-Corrosion Control	FP1733568	17	Nashville Bridge New Coating-Trans	\$ 14,554	\$ 93	\$ 94	\$ 95	\$ 95	\$ 96	
8	CSNG-Casing & Remediation	FP1733393	17	Whites Creek Pike Casing Mitig							
9	DIMP-Distribution Integrity	FP1733488	17	Gallatin Rd at Liberty Ln	\$ 9			\$ 31,359	\$ 498		
10	DIMP-Distribution Integrity	FP1733498	17	Clare Avenue - Insertion	\$ 33,640	\$ (13,663)					
11	DIMP-Distribution Integrity	FP1733503	17	Broadmoor Dr	\$ 56,838	\$ 54,330	\$ 365	\$ 2,229			
12	DIMP-Distribution Integrity	FP1733516	17	Duling Ave - Main Replacement	\$ 21,987	\$ 66,842	\$ 50,228	\$ 40,490	\$ 33,254	\$ 42,904	
13	DIMP-Distribution Integrity	FP1733584	17	Ally between 4th and 3rd Av N			\$ 4,940	\$ 35,108			
14	DIMP-Distribution Integrity	FP1733603	17	Hogan Road - Main Replacement		\$ 58,447	\$ 12,671	\$ 598	\$ 8,149	\$ 20,713	\$ 176,260
15	DIMP-Distribution Integrity	FP1733606	17	Charlotte Pk and Ocoola Av		\$ 419	\$ 76,841	\$ 29,667	\$ 13,590		
16	DIMP-Distribution Integrity	FP1733612	17	Hobbs Rd			\$ 35,652	\$ 69,560	\$ 137,317	\$ 25,289	\$ 16,314
17	DIMP-Distribution Integrity	FP1733615	17	Sutton Hill Rd - Replacement				\$ 26,096	\$ 227		
18	DIMP-Distribution Integrity	FP1733621	17	Retrofit Ili Creek Bores Nashv							
19	DIMP-Distribution Integrity	FP1733634	17	44th Ave N between Alabama and					\$ 949	\$ 65,192	\$ 141
20	DIMP-Distribution Integrity	FP1733639	17	Morena St - Insertion					\$ 43,678	\$ 5,885	
21	DIMP-Distribution Integrity	FP1733649	17	Crutcher St - Insertion					\$ 8,413	\$ 14,201	\$ 249,954
22	DIMP-Distribution Integrity	FP1733662	17	28th Ave and Herman St						\$ 10,418	\$ 783
23	DIMP-Distribution Integrity	FP1733667	17	Crockett Rd Stream Crossing							
24	DIMP-Distribution Integrity	FP1733749	17	North 1st St - Replacement							
25	DIMP-Distribution Integrity	FP1733788	17	Old Hickory Blvd at Chickering							
26	TIMP-Transmission Integrity	FP1733363	17	ILI Retrofit - Line J	\$ 46,766	\$ 14,164	\$ 28,213	\$ 14,990	\$ 37,277	\$ 141,523	\$ (45,867)
27	TIMP-Transmission Integrity	FP1733364	17	ILI Retrofit - Lines R,V,W,X,Y	\$ 199,188	\$ 125,260	\$ 13,387	\$ 2,521	\$ 4,181	\$ 2,788	\$ 6,280
28	TIMP-Transmission Integrity	FP1733365	17	ILI Retrofit - Lines A,B,D	\$ 346,639	\$ 79,199	\$ 38,066	\$ 21,747	\$ 28,515	\$ 18,866	\$ 13,179
29	TIMP-Transmission Integrity	FP1733398	17	South Nashville 20"	\$ 1,371,395	\$ 2,648,958	\$ 5,657,677	\$ 4,394,599	\$ 4,442,354	\$ 4,258,071	\$ 4,859,284
30	TIMP-Transmission Integrity	FP1733409	17	Line C and E TIMP retrofits	\$ 351,642	\$ 33,866	\$ 8,015	\$ 87,558		\$ 1,574	\$ 1,283
31	TIMP-Transmission Integrity	FP1733446	17	Nashville "J" line replacement	\$ (86,982)						
32	TIMP-Transmission Integrity	FP1733461	17	Nashville Ili Retrofit Holtsholder	\$ 340,790	\$ 159,828	\$ 83,374	\$ 11,760	\$ 75,719	\$ 3,464	\$ 3,701
33	TIMP-Transmission Integrity	FP1733462	17	Nashville Ili Retrofit-Holtsholder2	\$ 1,913,640	\$ 793,171	\$ 393,642	\$ 133,002	\$ 247,777	\$ 74,031	\$ 36,315
34	TIMP-Transmission Integrity	FP1733463	17	Nashville Ili Retrofit-Bordeau	\$ 865,970	\$ 413,976	\$ 2,727,249	\$ (2,706,585)	\$ 10,526	\$ 21,760	\$ 30,787
35	ISENP-Information Serv Enterprise	FP0026658	00	Work & Asset Management (OASIS)	\$ 1,713,551	\$ 1,325,974	\$ 3,568,266	\$ 2,396,897	\$ 3,216,778	\$ 2,106,037	\$ 1,957,322
36	Grand Total				\$ 7,920,154	\$ 6,172,094	\$ 12,877,107	\$ 4,639,836	\$ 8,337,448	\$ 6,875,597	\$ 7,335,921

Actual Capital Investment By Month, by Capital Funding Project

Line No.	Capital Project Type	Funding Project Number	District	Funding Project Description	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Total
1	CORR-Corrosion Control	FP1733427	17	Line AA & Bell Rd Ext AC Mitigation							\$ 22,113
2	CORR-Corrosion Control	FP1733442	17	Grnd Bed & Rectifier Donelson/Trous	\$ 367	\$ 1,311	\$ 1,216	\$ 23,747			\$ 53,881
3	CORR-Corrosion Control	FP1733450	17	CP New Coating Nashville	\$ (4,718)	\$ 5,791	\$ 8,342		\$ 4,532	\$ (1)	\$ 2,573,393
4	CORR-Corrosion Control	FP1733548	17	Nashville Distribution New Coating	\$ 32	\$ 480	\$ 36	\$ 36	\$ 36	\$ 36	\$ 5,692
5	CORR-Corrosion Control	FP1733549	17	Nashville AC Mitigation	\$ 21	\$ 21	\$ 122	\$ 217	\$ 402	\$ 74,732	\$ 78,808
6	CORR-Corrosion Control	FP1733567	17	Nashville Bridge New Coating-Dist	\$ 4,683	\$ 4,917	\$ 4,650	\$ 7,207	\$ 6,415	\$ 4,902	\$ 747,632
7	CORR-Corrosion Control	FP1733568	17	Nashville Bridge New Coating-Trans	\$ 191	\$ 3,791	\$ 1,986	\$ 1,969	\$ 147	\$ 228	\$ 23,340
8	CSNG-Casing & Remediation	FP1733393	17	Whites Creek Pike Casing Mitig							\$ 306
9	DIMP-Distribution Integrity	FP1733488	17	Gallatin Rd at Liberty Ln							\$ 33,333
10	DIMP-Distribution Integrity	FP1733498	17	Clare Avenue - Insertion	\$ 1,803						\$ 212,199
11	DIMP-Distribution Integrity	FP1733503	17	Broadmoor Dr							\$ 214,216
12	DIMP-Distribution Integrity	FP1733516	17	Duling Ave - Main Replacement							\$ 256,405
13	DIMP-Distribution Integrity	FP1733584	17	Ally between 4th and 3rd Av N	\$ 7,003			\$ (2,904)			\$ 44,147
14	DIMP-Distribution Integrity	FP1733603	17	Hogan Road - Main Replacement	\$ 109,881	\$ 31,304	\$ 113,863	\$ 42,682	\$ 53,812	\$ 130,703	\$ 759,084
15	DIMP-Distribution Integrity	FP1733606	17	Charlotte Pk and Ocoola Av	\$ 8,453						\$ 128,970
16	DIMP-Distribution Integrity	FP1733612	17	Hobbs Rd	\$ 80,791			\$ (19,869)			\$ 345,053
17	DIMP-Distribution Integrity	FP1733615	17	Sutton Hill Rd - Replacement				\$ (439)			\$ 25,884
18	DIMP-Distribution Integrity	FP1733621	17	Retrofit ILI Creek Bores Nashv		\$ 299	\$ 103,738	\$ 77,834	\$ 45		\$ 181,916
19	DIMP-Distribution Integrity	FP1733634	17	44th Ave N between Alabama and	\$ 14,236	\$ 576		\$ (4,150)			\$ 76,943
20	DIMP-Distribution Integrity	FP1733639	17	Morena St - Insertion							\$ 49,563
21	DIMP-Distribution Integrity	FP1733649	17	Crutcher St - Insertion	\$ 209,268	\$ 293,469	\$ 267,756	\$ 308,012	\$ 276,134	\$ 186,857	\$ 1,814,065
22	DIMP-Distribution Integrity	FP1733662	17	28th Ave and Herman St	\$ 6,240	\$ 3,467					\$ 20,908
23	DIMP-Distribution Integrity	FP1733667	17	Crockett Rd Stream Crossing			\$ 8,426	\$ 54	\$ 54	\$ 55	\$ 8,589
24	DIMP-Distribution Integrity	FP1733749	17	North 1st St - Replacement			\$ 7,714	\$ 155,415	\$ 155,428	\$ 46,355	\$ 364,912
25	DIMP-Distribution Integrity	FP1733788	17	Old Hickory Blvd at Chickering				\$ 22,243	\$ 7,181	\$ 2,931	\$ 32,355
26	TIMP-Transmission Integrity	FP1733363	17	ILI Retrofit - Line J	\$ 7,708	\$ 7,374	\$ 9,640	\$ 10,414	\$ 17,586	\$ 29,763	\$ 782,934
27	TIMP-Transmission Integrity	FP1733364	17	ILI Retrofit - Lines R,V,W,X,Y	\$ 13,368	\$ 45,318	\$ (120,203)	\$ 4,081	\$ 23,404	\$ 3,397	\$ 518,549
28	TIMP-Transmission Integrity	FP1733365	17	ILI Retrofit - Lines A,B,D	\$ 30,195	\$ 25,305	\$ (78,755)	\$ 1,222	\$ 8,321	\$ 11,048	\$ 1,881,972
29	TIMP-Transmission Integrity	FP1733398	17	South Nashville 20"	\$ 9,005,677	\$ 9,491,716	\$ 5,939,093	\$ 12,989,859	\$ 9,955,518	\$ 3,481,579	\$ 80,887,929
30	TIMP-Transmission Integrity	FP1733409	17	Line C and E TIMP retrofits	\$ 40					\$ 519	\$ 10,236,791
31	TIMP-Transmission Integrity	FP1733446	17	Nashville "J" line replacement							\$ 240,776
32	TIMP-Transmission Integrity	FP1733461	17	Nashville ILI Retrofit Holtsholder	\$ 62,853	\$ 30,283	\$ (20,558)	\$ 49,402	\$ 538,840	\$ (113,908)	\$ 8,984,908
33	TIMP-Transmission Integrity	FP1733462	17	Nashville ILI Retrofit-Holtsholder2	\$ 182,287	\$ 730,440	\$ 845,209	\$ 559,212	\$ 162,042	\$ 381,907	\$ 8,223,153
34	TIMP-Transmission Integrity	FP1733463	17	Nashville ILI Retrofit-Bordeau	\$ 92,897	\$ 361,661	\$ 267,629	\$ 460,822	\$ 151,218	\$ 68,483	\$ 5,994,804
35	ISENP-Information Serv Enterprise	FP0026658	00	Work & Asset Management (OASIS)	\$ 3,671,645	\$ 3,028,281	\$ 2,963,512	\$ 3,184,538	\$ 3,229,156	\$ 2,894,577	\$ 41,118,432
36	Grand Total				\$ 13,504,922	\$ 14,065,803	\$ 10,323,417	\$ 17,871,602	\$ 14,590,272	\$ 7,204,165	\$ 166,943,956

CERTIFICATE OF SERVICE

I certify that a true and correct copy of the foregoing has been served by U.S. Mail to:

Joe Shirley
Charlena Aumiller
Office of the Attorney General
Consumer Advocate and Protection Division
PO Box 20207
Nashville, TN 37202-0207

this the 12th day of December, 2013.

