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John B. Buda⁷

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January 28, 2022

KPOW-10311

VIA EMAIL (tpuc.docketroom@tn.gov) & FEDEX

Dr. Kenneth C. Hill, Chairman
c/o Ectory Lawless, Dockets & Records Manager
Tennessee Public Utility Commission
502 Deaderick Street, 4th Floor
Nashville, TN 37243

Electronically Filed in TPUC Docket
Room on January 28, 2022 at 1:58 p.m.

Re: IN RE: PETITION OF KINGSFORT
POWER COMPANY d/b/a AEP
APPALACHIAN POWER
FOR A GENERAL RATE CASE
DOCKET NO.: 21-00107

Dear Chairman Hill:

On behalf of Kingsport Power Company d/b/a AEP Appalachian Power, we transmit herewith the following:

1. The Public version of Kingsport Power Company's Responses and Confidential Responses to ETEC's First Discovery Requests. The original and four copies of the Public version are being sent by overnight delivery. Additionally, the Public version will be made available in electronic format via the iManage System.
2. The full version of Kingsport Power Company's Responses and Confidential Responses to ETEC's First Discovery Requests which includes information and documents designated CONFIDENTIAL pursuant to the Protective Order entered in this matter. The CONFIDENTIAL version of Kingsport's Responses is being sent by separate overnight delivery to the TPUC, the Consumer Advocate, and ETEC's counsel. The CONFIDENTIAL version is also available to the Consumer Advocate and ETEC's counsel in native electronic format via the iManage System.

Please see the Public version is filed, and that the CONFIDENTIAL version is filed and treated as confidential pursuant to the Protective Order.

Should you have any questions, please do not hesitate to contact the undersigned.

Very sincerely yours,

HUNTER, SMITH & DAVIS, LLP

Joseph B. Harvey



Enclosure: As stated

cc: Kelly Grams, General Counsel (w/enc.)	<i>Via US Mail and Email: Kelly.Grams@tn.gov</i>
David Foster (w/enc.)	<i>Via US Mail and Email: david.foster@tn.gov</i>
Monica L. Smith-Ashford, Esq. (w/enc.)	<i>Via US Mail and Email: monica.smith-ashford@tn.gov</i>
Michael J. Quinan, Esq. (w/enc.)	<i>Via US Mail and Email: mquinan@t-mlaw.com</i>
Rachel Bowen, Esq. (w/enc.)	<i>Via US Mail and Email: Rachel.Bowen@ag.tn.gov</i>
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William C. Bovender, Esq. (w/enc.)	<i>Via Email: bovender@hstdlaw.com</i>

BEFORE THE TENNESSEE PUBLIC UTILITY COMMISSION
NASHVILLE, TENNESSEE

IN RE:

DOCKET NO.: 21-00107

PETITION OF KINGSPORT POWER
COMPANY d/b/a AEP APPALACHIAN
POWER GENERAL RATE CASE

CONFIDENTIAL RESPONSES OF KINGSPORT POWER COMPANY
TO FIRST INFORMAL DISCOVERY REQUESTS BY
THE EAST TENNESSEE ENERGY CONSUMERS

Comes Petitioner, Kingsport Power Company d/b/a AEP Appalachian Power (“Company” or “KgPCo”), pursuant to the Rules & Regulations of the Tennessee Public Utility Commission (“TPUC”) and the Tennessee Rules of Civil Procedure, and hereby submits its responses to East Tennessee Energy Consumers’ (“ETEC”) First Set Discovery Requests; subject to general objections set forth herein below or any objections to individual requests as contained in said responses.

GENERAL STATEMENTS AND OBJECTIONS

The responses set forth herein constitute the best information presently available to KgPCo. The answers set forth herein are provided without prejudice to KgPCo’s right to timely amend, supplement, or change said answers if and when additional, different, or more accurate information becomes available, including the review of documents produced by intervenors. Moreover, said responses are subject to correction for inadvertent errors or omissions, if any such errors or omissions are later found to exist.

By responding to ETEC’s discovery requests, KgPCo does not waive any objections that may be appropriate to the use, for any purpose, by any party, of any of the information contained

in the responses set forth herein or to the admissibility, relevancy, or materiality of such information as to any issue in this case.

The following General Objections apply to each of KgPCo's responses. Specific objections provided in response to any request are made without waiver of or prejudice to any General Objection.

1. KgPCo objects to ETEC's requests to the extent they seek to impose on KgPCo any obligations or responsibilities beyond those required by TPUC's Rules & Regulations, the Tennessee Rules of Civil Procedure, and/or the controlling Procedural Scheduled entered in this matter.

2. KgPCo objects to ETEC's requests to the extent they seek information protected by the attorney-client privilege, the work product doctrine, and/or any other applicable privilege or immunity (collectively referred to as "privileged" documents or information). Nothing contained in these responses is intended to be, or in any way constitutes, a waiver of any such applicable privilege or immunity.

3. An objection to a request based on privilege should not be construed as a representation that responsive information or documents exists or existed and is being withheld based upon the asserted privilege. Such an objection indicates only that the request is of such a scope as to potentially embrace privileged information or documents.

4. To the extent KgPCo responds to a discovery request to which it has objected, KgPCo reserves the right to maintain such objection with respect to any additional information responsive to such discovery request and such objections are not waived by the furnishing of such additional information.

5. KgPCo objects to ETEC's requests to the extent they seek information that is neither relevant to the issues in the case nor proportional to the needs of the case. KgPCo also objects to ETEC's requests to the extent they are overly broad.

6. KgPCo objects to ETEC's requests that contain terms or phrases that are vague, ambiguous, and undefined; call for speculation, conjecture or opinion; or are based on the assumption of facts not in evidence. Likewise, KgPCo's response to any particular interrogatory in no way constitutes acquiescence or agreement to any definition, characterization, or meaning proposed by ETEC.

7. All responses and any production of documents by KgPCo in response to ETEC's requests are made based on KgPCo's current knowledge and without waiver of any general or specific objections. KgPCo reserves the right to revise, modify, supplement and/or amend its responses, for form or substance.

Subject to said GENERAL OBJECTIONS and any specific objections made to individual requests as contained in these or upcoming responses, KgPCo responds to ETEC's First Discovery Request as follows.

Kingsport Power Company d/b/a Appalachian
Power Company

By: William K. Castle
William K. Castle

Title: Director, Regulatory Services VA/TN

COMMONWEALTH OF VIRGINIA)

CITY OF RICHMOND)

WILLIAM K. CASTLE, being first duly sworn upon oath, deposes and says that he is the Director, Regulatory Services VA/TN for Kingsport Power Company d/b/a AEP Appalachian Power, the Petitioner in the above-entitled action, and that he is authorized to make this Affidavit on its behalf; that he has read the foregoing Responses to Discovery Requests, by him subscribed and knows the contents thereof; that there is no single person employed by or otherwise connected with Kingsport Power Company d/b/a AEP Appalachian Power, who has personal knowledge of all the facts and information requested herein; that said Responses were prepared with the assistance and advice of counsel and the assistance of various employees and representatives of the corporation upon which he has relied; that the Responses to Discovery Requests, set forth herein, subject to inadvertent or undiscovered errors, are based on, and therefore necessarily limited by, the records and information still in existence, presently recollected and thus far discovered in the course of the preparation of these Responses; that the foregoing Responses to Discovery Requests are thus based upon corporate knowledge and are true and correct to the best of his knowledge and belief; that consequently, Kingsport Power Company d/b/a AEP Appalachian Power reserves the right to make any changes in the Responses if it appears at any time that omissions or errors have been made therein or that more accurate information is available; and that subject to the limitations set forth herein, the said Responses are true to the best of his knowledge, information and belief.

William K. Castle
WILLIAM K. CASTLE

Sworn to and subscribed before me, this the 18th of January, 2022.

Catharine Meriwether Broadus
Notary Public

My Commission Expires: Sept. 30, 2025
Notary Registration No.: 7759549



CERTIFICATE OF SERVICE

The undersigned hereby certifies that a true and exact copy of the foregoing **CONFIDENTIAL RESPONSES OF KINGSPORT POWER COMPANY TO THE FIRST INFORMAL DISCOVERY REQUESTS BY THE EAST TENNESSEE ENERGY CONSUMERS** has been served upon the following by emailing a true and accurate copy on this the 28th day of January, 2022:

KAREN H. STACHKOWSKI
Senior Assistant Attorney General
VANCE L. BROEMEL (BPR #011421)
Senior Assistant Attorney General
RACHEL C. BOWEN (BPR #039091)
Assistant Attorney General
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HUNTER, SMITH & DAVIS, LLP

s/ Joseph B. Harvey

Joseph B. Harvey

**TENNESSEE PUBLIC UTILITY COMMISSION
PETITION OF
Kingsport Power Company
DOCKET NO. TPUC 21-00107
Data Requests and Requests for the Production
of Documents by the EAST TENNESSEE ENERGY CONSUMERS
ETEC Informal Set 1
To Kingsport Power Company**

Data Request ETEC 1-01:

Please provide copies of all responses issued by Kingsport to the discovery of other parties in this case.

Response ETEC 1-01:

Copies of the Company's initial and revised responses to all other formal or informal data requests made by any party to this proceeding will be provided when such responses are made to the requesting party, provided that additional arrangements may be required in individual instances involving voluminous and/or confidential documents.

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To Kingsport Power Company**

Data Request ETEC 1-02:

Please provide the supporting workpapers of each Kingsport witness submitting testimony in this case. This includes, but is not limited to, all excel files used to develop exhibits in native format (i.e., excel spreadsheets or workbooks with formulas intact).

Response ETEC 1-02:

Please see KgPCo MFR 9 filed in this docket.

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To Kingsport Power Company**

Data Request ETEC 1-03:

Please provide a copy of the class cost of service study in excel, with all formulas intact.

Response ETEC 1-03:

Please refer to Exhibits 1a-4c_Kingsport JCOS CCOS (KMJ-MHW).xlsx located in iManage.

**TENNESSEE PUBLIC UTILITY COMMISSION
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ETEC Informal Set 1
To Kingsport Power Company**

Data Request ETEC 1-04:

Please provide, to the extent that such files exist, the excel files used to develop the MFRs filed by the Company in this case.

Response ETEC 1-04:

Please see KgPCo MFR 9 and the individual MFRs filed in this docket.

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To Kingsport Power Company

Data Request ETEC 1-05:

Refer to Table 4 of Michael Ward's testimony at page 19.

- a. Confirm that the Company is proposing a rate of return for the IP rate class of 89.72%.
- b. Confirm that at proposed rates, the IP rate class will produce a relative rate of return of 14.1 (i.e., the IP rate class will earn a rate of return on investment that is 14 times the average proposed Kingsport rate of return.
- c. Please explain why the Company believes that it is reasonable to set IP rates such that they will produce a rate of return 14 times the average Kingsport rate of return.
- d. Please indicate whether any other AEP East operating utility has large industrial rates designed to earn a relative rate of return of 14. If so, identify the Company and provide a copy of a summary table showing the rate of return and relative rate of return for each rate class for such Company.

Response ETEC 1-05:

- a. Confirmed.
- b. Confirmed.
- c. The IP rates proposed in this case are reasonable. As discussed in Witness Castle's and Witness Ward's direct testimonies, the objective is to design rates that reflect the actual cost of serving customers. This objective could be accomplished by setting an equalized rate of return for all classes of 6.36%. However, it should be recognized that rates of return should be brought into equalization gradually to avoid the potential for adverse economic shocks to individual customers. The Company's proposal attempts to strike a balance that moves toward equalized rates or return while limiting the impact of the revenue increase on any one class. To accomplish this, the Company used the overall net revenue increase of 4.68% as the basis for the setting a cap and floor. The Company limited the impact on anyone class by setting a cap, or maximum revenue increase, at 1.5 times the overall increase (cap=7.03%=4.68% x 1.5). Setting this cap results in a shortfall that had to be made up by the other classes by creating a floor. The floor, or minimum revenue increase, was set at just under 3/4 of the overall net revenue increase for all other classes with the exception of the IP class. In recognition of the need for industry to support the economy of the service territory, the Company's proposal set the IP class floor at a level that was 50% lower than the other classes that were subject to a floor (IP floor=1.70%; all other non-capped classes 3.40%). It should also be noted that the IP class rate base is relatively small compared to its current revenue because the rate base is distribution related, and IP customers are generally served at transmission voltages. Therefore, relatively small increases in revenue can have relatively large impacts on the IP class rate of return.

Response ETEC 1-05 cont'd:

d. The Company is not aware of any other AEP East operating utility that has a relative rate of return for industrial rates of 14, however, this is not an accurate comparison as Kingsport Power Company is different than other AEP operating companies in that its rate base is only distribution related. IP customers are generally served at transmission voltages, and as such, have a relatively small rate base. Therefore, a relatively small increase in revenue can have a large impact on the rate of return.

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ETEC Informal Set 1
To Kingsport Power Company**

Data Request ETEC 1-06:

Please provide a schedule, in excel, showing TRP&MS revenues by rate class, by month, for the period January 1, 2020 through December 31, 2021.

Response ETEC 1-06:

Please see ETEC 1-6 Attachment 1 for the requested information. Tabs "TRPMS" and "FPPAR" provide the monthly total company Billed and Billed & Accrued revenue collection for the surcharges. Tariff level data is only available on a billed basis and is provided on tab "Tariff Level Billed Data." For test year levels of surcharge revenue, please see KgPCo Exhibit No. 1 (KIW) Revenue Proof, particularly as it includes a level of Special Contract Streetlighting revenue for the surcharges as well.

**TENNESSEE PUBLIC UTILITY COMMISSION
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ETEC Informal Set 1
To Kingsport Power Company**

Data Request ETEC 1-07:

Please provide a schedule, in excel, showing FPPAR revenues by rate class, by month, for the period January 1, 2020 through December 31, 2021.

Response ETEC 1-07:

Please see ETEC 1-6 Attachment 1.

**TENNESSEE PUBLIC UTILITY COMMISSION
PETITION OF
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ETEC Informal Set 1
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Data Request ETEC 1-08:

Please provide a copy of APCo's 2021/2022 and 2022/2023 FRR capacity plans. To the extent that it is not separately identified in the plan, please provide that MW of demand response included in the plans for each delivery year.

Response ETEC 1-08:

Please see ETEC 1-08 Attachment 1 for the requested information. Note, DY 22/23 is still subject to change.

**TENNESSEE PUBLIC UTILITY COMMISSION
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ETEC Informal Set 1
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Data Request ETEC 1-09:

With regard to the previous question, please provide the same information for the AEP East FRR entities on a combined basis.

Response ETEC 1-09:

Please see the Company's response to ETEC 1-08.

**TENNESSEE PUBLIC UTILITY COMMISSION
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Data Request ETEC 1-10:

With regard to proposed REC Rider, please provide the following:

- a. The market price of RECs, by month, for the period January 2021 through December 2021.
- b. The Company's projected cost of RECs for 2022 and 2023.
- c. The support for the administrative and marketing charges proposed by the Company.

Response ETEC 1-10:

The attachments in this response are being provided pursuant to the Protective Order dated September 17, 2021 in this docket.

- a. See ETEC 1-010 Confidential Attachment 1 for the requested information. There are multiple types of RECs that the Company might use in this offering and this attachment is intended to be representative of the types and price of RECs that could be available. Also note that the REC prices in this attachment represent quotes for large blocks of RECs; smaller purchase prices can be substantially higher than the attached price quote sheet.
- b. See ETEC 1-010 Confidential Attachment 2 for S&P PJM and ERCOT REC forecast data through 2041.
- c. See ETEC 1-010 Confidential Attachment 3 for the requested information.

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Data Request ETEC 1-11:

With regard to Ms. Keeton's at page 9, lines 3-5, please provide a narrative discussing how this large customer REC Rider program would work. Also provide examples of similar programs currently being offered by other AEP Companies in other jurisdictions.

Response ETEC 1-11:

The proposed Option B allows large customers to purchase the electrical output and/or all associated environmental attributes (RECs) from a renewable energy generator through a written service agreement tailored to their specific business objectives and renewable energy needs. These customer-specific service agreements will reflect the cost of the renewable energy resource being directly contracted for by Company for the customer plus any transactional or administrative costs incurred by the Company to facilitate the contract and its administration. Pricing for the renewable energy resource or RECs will be based on the facts of each proposed transaction. The term of the service agreement will be determined in the written agreement between the Company and the customer. See ETEC 1-011 Attachments 1 and 2 for examples of similar programs offered by AEP affiliate company I&M Power Company.

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Response ETEC 1-06:

Please see ETEC 1-6 Attachment 1 for the requested information. Tabs "TRPMS" and "FPPAR" provide the monthly total company Billed and Billed & Accrued revenue collection for the surcharges. Tariff level data is only available on a billed basis and is provided on tab "Tariff Level Billed Data." For test year levels of surcharge revenue, please see KgPCo Exhibit No. 1 (KIW) Revenue Proof, particularly as it includes a level of Special Contract Streetlighting revenue for the surcharges as well.

Kingsport Power Company - Fuel and Purchased Power Adjustment Rider

Fuel and Purchased Power Adjustment Rider (FPPAR) (SK05A, SK05B, SK05C, SK05D, SK05E, SK05F, SK05G, SK05H, SK05I, SK05J, SK05K, SK05L, SK05M, SK05N, SK05P, SK05Q, SK05R, SK05S, SK05T, SK05U, SK05V, SK05W, SK05X, SK06M, SK06N, SK06P, SK06Q, SK06R, SK06S, SK06T, SK06U, SK06V, SK06W, SK06X, SK06Y, SK07A, SK07B, SK07C, SK07E, SK07F, SK07G, SK07H, SK07I, SK07J, SK07K, SK07L, SK07M, SK07N, SK07P, SK07Q & SK07R)

Date	Billed Surcharge	Billed KWH	Average Rate per kWh	Estimated KWH	Unbilled KWH	Total Estimated and Unbilled kWh	Estimated & Unbilled Surcharge	Reverse Prior Month Est & Unb Surcharge	Billed & Accrued Surcharge	FORMULA FLAG
Jan-19	13,068,186.49	207,660,266	0.062930607	8,074,171	29,329,919	37,404,090	2,353,862.07	(3,314,101.98)	12,107,946.58	OK
Feb-19	9,671,031.63	144,273,846	0.067032466	35,904,311	13,768,835	49,673,146	3,329,713.45	(2,353,862.07)	10,646,883.01	OK
Mar-19	12,654,704.69	203,492,145	0.062187681	-	14,214,828	14,214,828	883,987.20	(3,329,713.45)	10,208,978.43	OK
Apr-19	7,336,872.04	114,116,785	0.064292663	33,125,593	10,331,398	43,456,991	2,793,965.69	(883,987.20)	9,246,850.54	OK
May-19	8,669,725.21	139,116,596	0.062319849	43,282,556	20,621,590	63,904,146	3,982,496.71	(2,793,965.69)	9,858,256.23	OK
Jun-19	10,351,494.97	168,378,460	0.061477549	23,066,220	19,802,891	42,869,111	2,635,487.86	(3,982,496.71)	9,004,486.12	OK
Jul-19	11,858,260.03	169,709,961	0.069873683	-	40,098,816	40,098,816	2,801,851.96	(2,635,487.86)	12,024,624.13	OK
Aug-19	8,837,429.01	153,792,563	0.057463305	29,938,692	27,282,204	57,220,896	3,288,101.82	(2,801,851.96)	9,323,678.87	OK
Sep-19	9,983,794.12	159,205,013	0.062710300	38,329,577	23,325,394	61,654,971	3,866,401.73	(3,288,101.82)	10,562,094.03	OK
Oct-19	11,081,189.43	184,027,937	0.060214713	-	21,025,522	21,025,522	1,266,045.78	(3,866,401.73)	8,480,833.48	OK
Nov-19	8,233,606.29	120,217,817	0.068489068	21,316,477	35,698,749	57,015,226	3,904,919.71	(1,266,045.78)	10,872,480.23	OK
Dec-19	13,742,397.57	206,058,572	0.066691705	-	25,680,604	25,680,604	1,712,683.28	(3,904,919.71)	11,550,161.13	OK
Jan-20	9,694,405.31	137,682,361	0.070411382	41,677,517	26,502,168	68,179,685	4,800,625.84	(1,712,683.28)	12,782,347.88	OK
Feb-20	13,932,412.66	210,333,473	0.066239636	-	25,944,636	25,944,636	1,718,563.26	(4,800,625.84)	10,850,350.08	OK
Mar-20	10,530,369.11	156,433,032	0.067315509	-	18,950,951	18,950,951	1,275,692.90	(1,718,563.26)	10,087,498.75	OK
Apr-20	8,585,560.14	121,177,660	0.070851014	-	15,364,519	15,364,519	1,088,591.76	(1,275,692.90)	8,398,458.99	OK
May-20	7,388,283.03	105,355,047	0.070127471	2,737,363	22,639,518	25,376,881	1,779,616.49	(1,088,591.76)	8,079,307.77	OK
Jun-20	8,904,867.83	122,015,022	0.072981734	-	24,940,503	24,940,503	1,820,201.15	(1,779,616.49)	8,945,452.48	OK
Jul-20	9,609,462.08	134,465,650	0.071464066	318,428	37,389,131	37,707,559	2,694,735.48	(1,820,201.15)	10,483,996.42	OK
Aug-20	10,189,230.16	146,116,348	0.069733677	-	36,641,485	36,641,485	2,555,145.47	(2,694,735.48)	10,049,640.14	OK
Sep-20	9,347,461.00	132,772,548	0.070402061	-	26,573,830	26,573,830	1,870,852.40	(2,555,145.47)	8,663,167.93	OK
Oct-20	7,227,090.77	102,276,523	0.070662265	4,198,983	31,600,612	35,799,595	2,529,680.47	(1,870,852.40)	7,885,918.84	OK
Nov-20	7,664,045.63	106,675,747	0.071844312	7,894,017	40,068,200	47,962,217	3,445,812.47	(2,529,680.47)	8,580,177.63	OK
Dec-20	12,301,696.62	159,837,425	0.076963806	2,431,489	49,122,140	51,553,629	3,967,763.52	(3,445,812.47)	12,823,647.66	OK
Jan-21	13,012,356.99	169,773,439	0.076645423	4,269,820	38,742,734	43,012,554	3,296,715.38	(3,967,763.52)	12,341,308.85	OK
Feb-21	11,769,291.45	152,641,524	0.077104127	2,973,901	29,679,774	32,653,675	2,517,733.10	(3,296,715.38)	10,990,309.17	OK
Mar-21	9,113,280.50	122,257,573	0.074541644	8,034,517	27,191,140	35,225,657	2,625,778.39	(2,517,733.10)	9,221,325.78	OK
Apr-21	8,797,236.75	121,861,933	0.072190195	6,520,709	25,488,913	32,009,622	2,310,780.87	(2,625,778.39)	8,482,239.23	OK
May-21	8,693,465.19	127,025,033	0.068438992	-	31,237,755	31,237,755	2,137,880.46	(2,310,780.87)	8,520,564.78	OK
Jun-21	9,255,680.90	130,384,548	0.070987560	525,510	32,746,700	33,272,210	2,361,913.00	(2,137,880.46)	9,479,713.44	OK
Jul-21	10,138,198.93	140,990,901	0.071906760	2,161,997	35,533,720	37,695,717	2,710,576.89	(2,361,913.00)	10,486,862.82	OK
Aug-21	9,214,799.14	126,671,670	0.072745541	19,318,047	40,246,678	59,564,725	4,333,068.13	(2,710,576.89)	10,837,290.38	OK
Sep-21	11,067,866.99	155,989,089	0.070952828	-	28,245,222	28,245,222	2,004,078.38	(4,333,068.13)	8,738,877.23	OK
Oct-21	8,127,782.46	116,037,951	0.070044174	-	32,824,043	32,824,043	2,299,132.99	(2,004,078.38)	8,422,837.07	OK
Nov-21	8,642,522.93	122,550,725	0.070522006	4,519,137	46,563,200	51,082,337	3,602,428.86	(2,299,132.99)	9,945,818.80	OK
Dec-21	11,430,465.28	161,130,919	0.070938994	-	30,787,023	30,787,023	2,184,000.44	(3,602,428.86)	10,012,036.85	OK

January 2020 - December 2021 \$ 234,637,831.85
\$ -

\$ 235,109,149.01

+ Billed Back-up Service Revenue \$ 692,300.00
\$ 235,330,131.85

\$ 692,300.00
\$ 235,801,449.01

Sum of Sales of ELE Amt

Tariff Code	Tariff Description	202001	202002	202003	202004
11	RS-LMWH	29	29	29	29
15	RS	56,124	56,019	55,958	56,048
18	RS EMP	108	109	110	109
30	RS TOD-ON	8	8	8	8
51	RSW-LM-EM	1	1	1	1
93	OL 7000	73	72	71	72
94	9500 HPS	955	954	956	963
95	OL 20000	7	7	7	7
97	22000 HPS	240	240	238	240
103	27500SVPT	1	1	1	1
107	22000HPSF	137	136	136	140
109	50000HPSF	36	37	35	38
110	17000 MH	27	28	27	27
111	9500HPSPT	109	109	109	109
115	9500 HPSF	33	33	33	33
116	28800 MH	243	243	238	240
120	50000HPSB	4	4	4	4
122	16000SVPT	7	7	7	7
124	50000SVPF	1	1	1	1
126	36000MHPF	2	2	2	2
208	EHG	6,981	6,904	6,824	5,115
209	EHG MIN	2,225	2,266	2,250	1,267
221	CS	2,427	2,526	2,057	1,110
229	GS TOD	22	22	17	8
231	SGS FIXED	5,979	5,977	5,988	5,987
232	SGS MEAS	373	374	371	370
233	SGS NMTR	100	99	100	99
235	MGS SEC	26,378	25,569	25,213	22,050
237	MGS PRI	24	26	24	25
240	LGS SEC	36,570	36,103	35,899	35,170
242	LGS M SEC	910	872	820	619
244	LGS PRI	5,861	5,976	5,107	7,381
322	IP PRI	2,096	2,087	2,179	2,207
324	IP TRAN	10,928	49,292	29,971	29,426
640	PS	1,208	1,250	1,099	667
641	PS UNITS	144	163	146	69
642	PS ALL E	3,948	3,889	3,451	1,944
Grand Total		164,324	201,438	179,491	171,593

202005	202006	202007	202008	202009	202010	202011	202012
31	71	91	91	91	90	88	90
56,061	130,558	160,922	160,929	161,143	160,808	160,596	161,152
109	247	303	293	290	288	286	260
8	19	23	23	23	23	23	23
1	3	4	4	4	4	4	4
72	168	205	204	202	202	203	201
962	2,271	2,777	2,782	2,765	2,761	2,779	2,790
7	17	22	22	22	22	22	22
237	555	686	708	687	685	694	686
1	3	4	4	4	4	4	4
136	321	388	390	389	386	386	385
34	91	107	112	104	104	104	105
27	64	78	81	79	79	80	82
109	256	316	316	316	316	316	317
32	77	92	94	90	90	90	89
242	574	689	690	701	706	694	702
4	12	13	13	13	13	13	13
7	17	21	21	21	21	21	21
1	3	4	4	4	4	4	4
2	5	6	6	6	6	6	6
5,588	12,184	16,108	15,704	15,686	14,924	18,523	20,836
1,421	2,590	3,105	3,004	3,002	3,469	4,092	5,849
1,115	3,818	6,786	6,392	6,181	3,521	4,314	7,089
9	27	40	39	8	86	14	112
6,002	14,183	17,385	17,336	17,454	17,335	17,433	17,475
362	861	1,045	1,046	1,056	1,043	1,038	1,028
99	237	283	283	283	283	283	288
22,254	54,179	70,966	70,279	69,188	64,450	70,387	71,615
21	70	78	86	98	-	-	-
35,293	83,395	110,916	110,009	108,925	102,568	90,777	102,470
564	1,531	1,876	1,764	1,720	1,606	1,781	2,503
9,501	10,391	17,352	18,644	16,505	17,245	15,179	14,448
2,255	6,312	7,326	7,084	7,092	3,781	6,788	6,171
16,438	74,623	57,439	80,334	69,652	66,888	47,858	97,711
660	1,879	3,071	3,714	4,123	2,733	3,034	3,578
65	156	301	508	520	321	357	459
2,013	4,411	8,045	9,351	10,237	8,016	6,058	14,301
161,742	406,178	488,871	512,363	498,682	474,880	454,327	532,885

TRP & MS Revenue

202101	202102	202103	202104	202105	202106	202107	202108
92	95	95	98	99	99	99	102
161,289	161,030	161,148	161,066	160,853	161,102	161,118	172,042
278	271	271	271	266	267	259	270
19	19	19	19	19	19	19	20
4	4	4	4	4	4	4	4
203	203	201	200	200	198	195	209
2,787	2,776	2,777	2,802	2,780	2,781	2,788	2,983
22	22	22	22	22	22	22	23
685	689	671	689	683	685	687	743
4	4	4	4	4	5	5	2
388	383	381	385	373	374	379	403
105	105	105	105	105	105	105	117
83	83	83	84	85	84	83	92
318	318	318	319	319	319	332	340
89	89	89	90	89	89	89	96
714	723	722	756	728	720	718	773
13	13	13	13	13	13	13	14
22	21	21	21	21	21	21	22
4	4	4	4	4	4	4	4
6	8	6	6	6	6	6	7
21,086	21,014	19,673	18,621	16,980	15,816	15,746	17,039
6,174	6,557	6,078	5,608	4,220	3,262	3,422	3,687
8,046	7,729	5,492	4,572	4,263	6,002	7,592	7,900
67	78	66	39	25	25	33	33
17,335	17,460	17,426	17,450	17,508	17,552	17,546	18,746
1,002	1,052	1,042	1,027	1,031	1,036	1,021	1,089
288	288	283	283	283	283	283	305
71,237	73,241	72,833	71,559	69,945	70,854	72,789	78,223
95,486	99,778	93,763	102,809	99,078	104,712	108,499	111,409
1,098	2,534	2,502	2,341	1,324	2,335	1,844	1,965
17,695	14,349	18,755	12,987	17,587	13,950	15,783	19,842
5,666	5,996	8,487	3,507	9,322	7,297	4,460	11,009
69,473	69,364	52,509	62,996	61,998	49,440	51,973	34,626
3,597	3,846	3,402	2,949	2,991	3,184	3,381	4,348
520	516	410	313	309	390	674	653
10,334	15,922	11,009	9,260	8,742	6,957	6,673	11,861
496,226	506,582	480,686	483,278	482,278	470,012	478,664	501,003

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202109	202110	202111	202112	Grand Total	Tariff Code
125	126	126	127	2,043	11
204,705	204,734	204,950	205,321	3,495,676	15
324	320	315	315	5,937	18
25	10	10	10	404	30
5	5	5	5	82	51
244	244	240	239	4,319	93
3,557	3,571	3,570	3,578	60,465	94
28	28	28	25	465	95
873	875	880	873	14,929	97
5	5	5	5	86	103
479	481	484	485	8,327	107
137	138	138	143	2,312	109
107	116	114	118	1,815	110
406	406	406	406	6,902	111
114	114	115	115	1,966	115
920	919	931	908	15,494	116
16	16	16	16	278	120
26	26	26	26	448	122
5	5	5	5	86	124
8	8	8	8	131	126
20,132	19,390	24,109	25,876	380,859	208
4,280	4,094	7,151	7,909	96,981	209
8,536	5,747	6,215	9,281	128,710	221
43	44	64	84	1,005	229
22,284	22,356	22,452	22,371	379,020	231
1,293	1,294	1,303	1,299	22,457	232
359	360	360	360	6,173	233
92,104	85,579	88,917	91,066	1,530,873	235
113	121	99	140	924	237
137,055	127,130	118,192	125,153	2,211,157	240
2,347	2,104	2,510	2,790	42,263	242
20,022	19,452	18,926	18,764	351,702	244
9,285	8,972	8,322	8,068	145,769	322
107,205	65,281	63,695	72,843	1,391,964	324
5,475	3,897	3,768	4,628	72,484	640
753	593	438	531	9,310	641
12,573	10,185	10,597	11,025	200,800	642
655,968	588,744	589,489	614,912	10,594,613	

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Tariff Descripti	202001	202002	202003	202004	202005	202006
RS-LMWH	2,921	2,727	2,341	1,763	1,754	2,048
RS	5,458,818	5,180,890	4,327,280	3,474,720	3,347,030	3,737,079
RS EMP	12,134	11,451	9,920	7,826	7,849	8,386
RS TOD-ON	2,309	2,320	2,182	1,361	1,359	1,043
RSW-LM-EM	176	177	146	136	121	103
OL 7000	514	511	504	506	506	502
9500 HPS	3,513	3,506	3,515	3,539	3,536	3,533
OL 20000	116	116	116	116	116	116
22000 HPS	1,981	1,987	1,965	1,981	1,961	1,961
27500SVPT	14	14	14	14	14	14
22000HPSF	1,135	1,127	1,127	1,155	1,121	1,116
50000HPSF	588	611	573	622	520	611
17000 MH	267	271	264	264	267	264
9500HPSPT	401	401	401	401	403	404
9500 HPSF	123	123	121	121	119	118
28800 MH	3,780	3,775	3,696	3,728	3,759	3,722
50000HPSB	72	72	72	72	72	72
16000SVPT	41	41	41	41	41	41
50000SVPF	22	22	22	22	22	22
36000MHPF	32	32	32	32	32	32
EHG	135,662	136,050	124,530	89,864	92,549	122,060
EHG MIN	35,935	36,934	30,348	14,410	13,935	15,907
CS	61,269	63,771	51,920	28,017	28,143	41,438
GS TOD	1,943	1,982	1,577	639	800	931
SGS FIXED	133,891	124,864	113,432	96,865	93,249	103,216
SGS MEAS	11,921	11,375	9,966	8,490	8,286	9,222
SGS NMTR	1,569	970	1,532	970	970	970
MGS SEC	657,819	623,448	567,453	487,867	478,533	594,592
MGS PRI	1,021	966	964	792	613	771
LGS SEC	999,275	946,074	919,795	893,701	883,757	976,478
LGS M SEC	24,021	22,637	19,829	16,779	15,722	17,837
LGS PRI	154,334	149,303	136,657	192,062	171,058	120,859
IP PRI	252,232	234,291	239,521	258,587	263,500	268,836
IP TRAN	1,552,073	6,243,138	3,824,893	2,933,843	1,900,320	2,797,261
PS	41,597	43,017	37,819	22,968	22,713	27,103
PS UNITS	4,974	5,608	5,022	2,389	2,243	2,536
PS ALL E	135,913	133,873	118,809	66,927	69,318	71,697
	9,694,405	13,988,473	10,558,399	8,613,590	7,416,313	8,932,898

IP Tran	1,552,073	6,187,078	3,796,863	2,905,813	1,872,290	2,769,231
IP Tran - backup		56060	28030	28030	28030	28030
IP Tran - Total	1,552,073	6,243,138	3,824,893	2,933,843	1,900,320	2,797,261

Billed FPPAR Revenue

202007	202008	202009	202010	202011	202012	202101
2,651	2,393	2,278	1,372	1,667	3,064	4,112
4,743,173	4,394,980	4,108,404	2,802,649	3,426,293	6,166,374	7,527,316
10,139	9,181	8,445	6,225	6,992	10,956	14,018
1,144	1,179	1,380	879	1,035	1,823	1,890
134	125	120	85	104	204	407
502	499	494	494	514	519	524
3,543	3,549	3,526	3,521	3,674	3,758	3,754
116	116	116	116	120	122	122
1,967	2,029	1,970	1,964	2,061	2,072	2,069
14	14	14	14	14	14	14
1,113	1,113	1,116	1,107	1,145	1,163	1,172
605	633	588	588	609	626	626
267	277	271	271	283	296	299
403	403	403	403	416	426	428
118	120	115	115	119	120	120
3,717	3,717	3,775	3,802	3,863	3,981	4,053
72	72	72	72	75	76	76
41	41	41	41	42	43	45
22	22	22	22	23	23	23
32	32	32	32	33	33	33
147,136	137,809	135,830	97,854	110,967	155,928	186,176
22,311	21,095	19,499	11,967	15,511	35,981	49,929
59,742	56,273	54,415	30,995	39,242	65,721	74,589
1,263	1,240	270	2,712	493	3,472	2,174
122,597	116,528	113,974	93,432	102,440	144,785	163,400
10,362	9,584	9,629	7,584	8,340	12,041	13,889
970	970	970	970	1,000	1,652	1,652
698,637	670,417	651,744	505,530	550,393	666,741	720,661
757	819	1,115	-			
1,080,212	1,056,947	1,040,425	919,997	819,309	1,040,090	984,233
21,962	19,225	18,575	14,807	17,811	26,772	12,357
159,379	163,453	146,009	155,735	139,985	161,950	205,837
296,970	294,271	287,158	145,359	254,543	268,794	265,307
2,090,500	3,102,827	2,584,063	2,301,106	2,067,378	3,331,221	2,617,885
36,872	44,592	49,502	32,815	37,675	45,235	45,466
3,608	6,095	6,242	3,852	4,409	5,802	6,573
96,813	112,253	122,892	96,235	74,418	180,287	130,637
9,619,862	10,234,890	9,375,491	7,244,721	7,692,996	12,342,167	13,041,867
2,080,100	3,057,167	2,556,033	2,283,476	2,038,428	3,290,751	2,588,375
10400	45660	28030	17630	28950	40470	29510
2,090,500	3,102,827	2,584,063	2,301,106	2,067,378	3,331,221	2,617,885

202102	202103	202104	202105	202106	202107	202108
3,839	2,392	2,088	1,909	2,612	3,027	2,729
6,476,591	4,436,437	3,687,765	3,207,403	4,081,389	4,754,278	4,563,329
11,536	8,319	7,067	6,406	7,851	8,712	8,184
2,146	2,099	2,345	2,453	2,784	3,133	2,833
317	173	160	119	115	143	125
524	519	516	516	511	503	503
3,740	3,741	3,774	3,745	3,746	3,755	3,744
122	122	122	122	122	122	122
2,081	2,012	2,081	2,063	2,069	2,075	2,096
14	14	14	14	18	18	7
1,157	1,151	1,163	1,128	1,131	1,146	1,137
626	626	626	626	626	626	644
299	299	303	306	303	299	310
428	428	429	429	429	447	429
120	120	121	120	120	120	120
4,103	4,098	4,287	4,131	4,087	4,075	4,092
76	76	76	76	76	76	76
43	43	43	43	43	43	43
23	23	23	23	23	23	23
44	33	33	33	33	33	33
166,347	127,528	115,885	107,513	132,688	150,903	146,943
46,081	27,617	19,545	14,906	20,076	25,094	24,364
71,655	50,916	42,394	39,524	55,651	70,388	68,507
2,564	2,200	1,288	838	805	1,065	985
144,817	118,490	108,771	98,911	116,620	127,185	121,533
13,177	10,424	9,092	8,185	9,820	10,698	10,314
1,479	1,021	1,021	1,021	1,021	1,021	1,021
669,320	585,102	578,033	547,580	672,961	743,120	714,512
981,656	870,065	992,582	920,860	1,012,863	1,144,047	1,031,526
27,326	28,212	23,849	12,001	23,434	22,221	20,330
156,956	187,504	150,812	161,777	126,992	165,232	189,443
259,018	342,846	152,560	389,951	297,519	196,418	442,939
2,494,159	2,111,260	2,778,132	3,046,982	2,573,525	2,592,031	1,648,849
48,621	43,011	37,285	37,809	40,249	42,746	51,289
6,521	5,186	3,954	3,902	4,929	8,524	7,959
201,273	139,170	117,057	110,509	87,948	84,361	143,705
11,798,801	9,113,281	8,845,297	8,733,935	9,285,191	10,167,709	9,214,799

2,464,649	2,111,260	2,730,072	3,006,512	2,544,015	2,562,521	1,648,849
29510		48060	40470	29510	29510	
2,494,159	2,111,260	2,778,132	3,046,982	2,573,525	2,592,031	1,648,849

202109	202110	202111	202112	Grand Total
2,754	1,925	2,134	3,468	59,967
4,296,677	3,151,077	3,901,529	5,840,256	107,091,739
7,592	5,697	6,600	9,204	210,693
2,670	2,224	2,074	2,011	46,677
129	112	120	176	3,727
493	493	481	476	12,125
3,758	3,771	3,732	3,721	87,693
122	122	121	109	2,857
2,069	2,072	2,061	2,031	48,679
14	14	14	14	339
1,134	1,140	1,133	1,129	27,257
644	644	636	655	14,777
303	327	317	325	6,951
429	429	425	423	10,016
120	120	120	120	2,873
4,092	4,087	4,097	3,971	94,489
76	76	75	75	1,783
43	43	43	42	1,015
23	23	23	23	548
33	33	33	33	794
142,054	112,738	111,931	151,398	3,138,342
22,849	15,319	23,151	40,722	603,486
62,382	41,954	44,881	66,630	1,270,417
1,122	1,147	1,657	2,116	35,284
119,661	101,752	107,895	142,657	2,830,965
10,435	8,869	9,378	12,696	243,778
1,021	1,021	1,011	1,004	26,822
707,614	575,084	549,184	668,883	14,885,229
967	1,153	831	1,144	11,913
1,110,597	963,790	877,221	1,019,535	23,485,034
19,713	17,130	18,308	24,088	484,945
157,125	147,712	149,557	157,185	3,806,914
308,092	293,754	275,656	283,172	6,571,292
3,950,793	2,555,370	2,418,216	2,872,266	66,388,090
54,506	38,788	37,093	45,302	964,074
7,497	5,905	4,325	5,202	123,257
127,279	101,376	104,600	107,943	2,735,291
11,126,887	8,157,292	8,660,663	11,470,205	235,330,132

3,891,773	2,525,860	2,400,076	2,832,526	65,695,790
59020	29510	18140	39740	692,300
3,950,793	2,555,370	2,418,216	2,872,266	66,388,090

Sum of Sales of ELE Amt Column Labels						
Row Labels	202001	202002	202003	202004	202005	202006
11	29	29	29	29	31	71
15	56,124	56,019	55,958	56,048	56,061	130,558
18	108	109	110	109	109	247
30	8	8	8	8	8	19
51	1	1	1	1	1	3
93	73	72	71	72	72	168
94	955	954	956	963	962	2,271
95	7	7	7	7	7	17
97	240	240	238	240	237	555
103	1	1	1	1	1	3
107	137	136	136	140	136	321
109	36	37	35	38	34	91
110	27	28	27	27	27	64
111	109	109	109	109	109	256
115	33	33	33	33	32	77
116	243	243	238	240	242	574
120	4	4	4	4	4	12
122	7	7	7	7	7	17
124	1	1	1	1	1	3
126	2	2	2	2	2	5
208	6,981	6,904	6,824	5,115	5,588	12,184
209	2,225	2,266	2,250	1,267	1,421	2,590
221	2,427	2,526	2,057	1,110	1,115	3,818
229	22	22	17	8	9	27
231	5,979	5,977	5,988	5,987	6,002	14,183
232	373	374	371	370	362	861
233	100	99	100	99	99	237
235	26,378	25,569	25,213	22,050	22,254	54,179
237	24	26	24	25	21	70
240	36,570	36,103	35,899	35,170	35,293	83,395
242	910	872	820	619	564	1,531
244	5,861	5,976	5,107	7,381	9,501	10,391
322	2,096	2,087	2,179	2,207	2,255	6,312
324	10,928	49,292	29,971	29,426	16,438	74,623
640	1,208	1,250	1,099	667	660	1,879
641	144	163	146	69	65	156
642	3,948	3,889	3,451	1,944	2,013	4,411
(blank)						
Grand Total	164,324	201,438	179,491	171,593	161,742	406,178

202007	202008	202009	202010	202011	202012	202101	202102	202103
91	91	91	90	88	90	92	95	95
160,922	160,929	161,143	160,808	160,596	161,152	161,289	161,030	161,148
303	293	290	288	286	260	278	271	271
23	23	23	23	23	23	19	19	19
4	4	4	4	4	4	4	4	4
205	204	202	202	203	201	203	203	201
2,777	2,782	2,765	2,761	2,779	2,790	2,787	2,776	2,777
22	22	22	22	22	22	22	22	22
686	708	687	685	694	686	685	689	671
4	4	4	4	4	4	4	4	4
388	390	389	386	386	385	388	383	381
107	112	104	104	104	105	105	105	105
78	81	79	79	80	82	83	83	83
316	316	316	316	316	317	318	318	318
92	94	90	90	90	89	89	89	89
689	690	701	706	694	702	714	723	722
13	13	13	13	13	13	13	13	13
21	21	21	21	21	21	22	21	21
4	4	4	4	4	4	4	4	4
6	6	6	6	6	6	6	8	6
16,108	15,704	15,686	14,924	18,523	20,836	21,086	21,014	19,673
3,105	3,004	3,002	3,469	4,092	5,849	6,174	6,557	6,078
6,786	6,392	6,181	3,521	4,314	7,089	8,046	7,729	5,492
40	39	8	86	14	112	67	78	66
17,385	17,336	17,454	17,335	17,433	17,475	17,335	17,460	17,426
1,045	1,046	1,056	1,043	1,038	1,028	1,002	1,052	1,042
283	283	283	283	283	288	288	288	283
70,966	70,279	69,188	64,450	70,387	71,615	71,237	73,241	72,833
78	86	98	-					
110,916	110,009	108,925	102,568	90,777	102,470	95,486	99,778	93,763
1,876	1,764	1,720	1,606	1,781	2,503	1,098	2,534	2,502
17,352	18,644	16,505	17,245	15,179	14,448	17,695	14,349	18,755
7,326	7,084	7,092	3,781	6,788	6,171	5,666	5,996	8,487
57,439	80,334	69,652	66,888	47,858	97,711	69,473	69,364	52,509
3,071	3,714	4,123	2,733	3,034	3,578	3,597	3,846	3,402
301	508	520	321	357	459	520	516	410
8,045	9,351	10,237	8,016	6,058	14,301	10,334	15,922	11,009
488,871	512,363	498,682	474,880	454,327	532,885	496,226	506,582	480,686

202104	202105	202106	202107	202108	202109	202110	202111	202112
98	99	99	99	102	125	126	126	127
161,066	160,853	161,102	161,118	172,042	204,705	204,734	204,950	205,321
271	266	267	259	270	324	320	315	315
19	19	19	19	20	25	10	10	10
4	4	4	4	4	5	5	5	5
200	200	198	195	209	244	244	240	239
2,802	2,780	2,781	2,788	2,983	3,557	3,571	3,570	3,578
22	22	22	22	23	28	28	28	25
689	683	685	687	743	873	875	880	873
4	4	5	5	2	5	5	5	5
385	373	374	379	403	479	481	484	485
105	105	105	105	117	137	138	138	143
84	85	84	83	92	107	116	114	118
319	319	319	332	340	406	406	406	406
90	89	89	89	96	114	114	115	115
756	728	720	718	773	920	919	931	908
13	13	13	13	14	16	16	16	16
21	21	21	21	22	26	26	26	26
4	4	4	4	4	5	5	5	5
6	6	6	6	7	8	8	8	8
18,621	16,980	15,816	15,746	17,039	20,132	19,390	24,109	25,876
5,608	4,220	3,262	3,422	3,687	4,280	4,094	7,151	7,909
4,572	4,263	6,002	7,592	7,900	8,536	5,747	6,215	9,281
39	25	25	33	33	43	44	64	84
17,450	17,508	17,552	17,546	18,746	22,284	22,356	22,452	22,371
1,027	1,031	1,036	1,021	1,089	1,293	1,294	1,303	1,299
283	283	283	283	305	359	360	360	360
71,559	69,945	70,854	72,789	78,223	92,104	85,579	88,917	91,066
					113	121	99	140
102,809	99,078	104,712	108,499	111,409	137,055	127,130	118,192	125,153
2,341	1,324	2,335	1,844	1,965	2,347	2,104	2,510	2,790
12,987	17,587	13,950	15,783	19,842	20,022	19,452	18,926	18,764
3,507	9,322	7,297	4,460	11,009	9,285	8,972	8,322	8,068
62,996	61,998	49,440	51,973	34,626	107,205	65,281	63,695	72,843
2,949	2,991	3,184	3,381	4,348	5,475	3,897	3,768	4,628
313	309	390	674	653	753	593	438	531
9,260	8,742	6,957	6,673	11,861	12,573	10,185	10,597	11,025
483,278	482,278	470,012	478,664	501,003	655,968	588,744	589,489	614,912

(blank) Grand Total

2,043
3,495,676
5,937
404
82
4,319
60,465
465
14,929
86
8,327
2,312
1,815
6,902
1,966
15,494
278
448
86
131
380,859
96,981
128,710
1,005
379,020
22,457
6,173
1,530,873
924
2,211,157
42,263
351,702
145,769
1,391,964
72,484
9,310
200,800

10,594,613

Co Cd	State Cd	Revn Yr/Mo	Tariff Cd	Tariff Cd Desc	Sales of ELE Amt	Eqtn Cd
01	TN	202007	11	RS-LMWH	91.44	SG32A
01	TN	202005	11	RS-LMWH	30.59	SG32A
01	TN	202001	11	RS-LMWH	29.26	SG32A
01	TN	202008	11	RS-LMWH	91.44	SG32A
01	TN	202006	11	RS-LMWH	71.26	SG32A
01	TN	202101	11	RS-LMWH	91.95	SG32A
01	TN	202105	11	RS-LMWH	99.06	SG32A
01	TN	202107	11	RS-LMWH	98.93	SG32A
01	TN	202108	11	RS-LMWH	101.87	SG32A
01	TN	202004	11	RS-LMWH	29.26	SG32A
01	TN	202011	11	RS-LMWH	87.76	SG32A
01	TN	202010	11	RS-LMWH	89.66	SG32A
01	TN	202106	11	RS-LMWH	99.06	SG32A
01	TN	202009	11	RS-LMWH	91.44	SG32A
01	TN	202109	11	RS-LMWH	124.87	SG32A
01	TN	202002	11	RS-LMWH	29.26	SG32A
01	TN	202003	11	RS-LMWH	29.26	SG32A
01	TN	202103	11	RS-LMWH	95.25	SG32A
01	TN	202104	11	RS-LMWH	97.67	SG32A
01	TN	202110	11	RS-LMWH	125.84	SG32A
01	TN	202012	11	RS-LMWH	90.04	SG32A
01	TN	202111	11	RS-LMWH	125.84	SG32A
01	TN	202102	11	RS-LMWH	95.25	SG32A
01	TN	202112	11	RS-LMWH	126.65	SG32A
01	TN	202001	15	RS	56,123.76	SG32A
01	TN	202012	15	RS	161,151.76	SG32A
01	TN	202009	15	RS	161,143.4	SG32A
01	TN	202112	15	RS	205,321.42	SG32A
01	TN	202106	15	RS	161,102.31	SG32A
01	TN	202003	15	RS	55,958.43	SG32A
01	TN	202007	15	RS	160,921.88	SG32A
01	TN	202107	15	RS	161,117.66	SG32A
01	TN	202103	15	RS	161,148.45	SG32A
01	TN	202008	15	RS	160,928.69	SG32A

01	TN	202002	15	RS	56,018.76	SG32A
01	TN	202111	15	RS	204,950.32	SG32A
01	TN	202011	15	RS	160,595.54	SG32A
01	TN	202102	15	RS	161,030.19	SG32A
01	TN	202005	15	RS	56,060.71	SG32A
01	TN	202006	15	RS	130,557.76	SG32A
01	TN	202108	15	RS	172,041.83	SG32A
01	TN	202104	15	RS	161,065.81	SG32A
01	TN	202105	15	RS	160,852.67	SG32A
01	TN	202109	15	RS	204,704.87	SG32A
01	TN	202101	15	RS	161,289.06	SG32A
01	TN	202010	15	RS	160,808.38	SG32A
01	TN	202004	15	RS	56,048.14	SG32A
01	TN	202110	15	RS	204,734.05	SG32A
01	TN	202009	18	RS EMP	289.56	SG32A
01	TN	202004	18	RS EMP	109.06	SG32A
01	TN	202006	18	RS EMP	246.51	SG32A
01	TN	202005	18	RS EMP	108.62	SG32A
01	TN	202108	18	RS EMP	270.29	SG32A
01	TN	202010	18	RS EMP	288.04	SG32A
01	TN	202003	18	RS EMP	109.95	SG32A
01	TN	202101	18	RS EMP	278.13	SG32A
01	TN	202102	18	RS EMP	270.76	SG32A
01	TN	202105	18	RS EMP	265.81	SG32A
01	TN	202007	18	RS EMP	302.51	SG32A
01	TN	202001	18	RS EMP	107.95	SG32A
01	TN	202012	18	RS EMP	260.1	SG32A
01	TN	202011	18	RS EMP	285.75	SG32A
01	TN	202107	18	RS EMP	259.08	SG32A
01	TN	202112	18	RS EMP	314.6	SG32A
01	TN	202110	18	RS EMP	319.92	SG32A
01	TN	202104	18	RS EMP	271.4	SG32A
01	TN	202103	18	RS EMP	270.51	SG32A
01	TN	202111	18	RS EMP	314.6	SG32A
01	TN	202008	18	RS EMP	293.37	SG32A

01	TN	202106	18	RS EMP	266.7	SG32A
01	TN	202002	18	RS EMP	109.06	SG32A
01	TN	202109	18	RS EMP	324.28	SG32A
01	TN	202010	30	RS TOD-ON	22.86	SG32A
01	TN	202004	30	RS TOD-ON	7.98	SG32A
01	TN	202001	30	RS TOD-ON	7.98	SG32A
01	TN	202112	30	RS TOD-ON	9.68	SG32A
01	TN	202008	30	RS TOD-ON	22.86	SG32A
01	TN	202109	30	RS TOD-ON	25.01	SG32A
01	TN	202107	30	RS TOD-ON	19.05	SG32A
01	TN	202009	30	RS TOD-ON	22.86	SG32A
01	TN	202003	30	RS TOD-ON	7.98	SG32A
01	TN	202106	30	RS TOD-ON	19.05	SG32A
01	TN	202002	30	RS TOD-ON	7.98	SG32A
01	TN	202006	30	RS TOD-ON	19.15	SG32A
01	TN	202105	30	RS TOD-ON	19.18	SG32A
01	TN	202102	30	RS TOD-ON	18.93	SG32A
01	TN	202103	30	RS TOD-ON	19.05	SG32A
01	TN	202110	30	RS TOD-ON	9.68	SG32A
01	TN	202012	30	RS TOD-ON	22.86	SG32A
01	TN	202007	30	RS TOD-ON	22.86	SG32A
01	TN	202005	30	RS TOD-ON	7.98	SG32A
01	TN	202101	30	RS TOD-ON	19.05	SG32A
01	TN	202104	30	RS TOD-ON	19.05	SG32A
01	TN	202108	30	RS TOD-ON	20.46	SG32A
01	TN	202011	30	RS TOD-ON	22.86	SG32A
01	TN	202111	30	RS TOD-ON	9.68	SG32A
01	TN	202011	51	RSW-LM-EM	3.81	SG32A
01	TN	202006	51	RSW-LM-EM	2.82	SG32A
01	TN	202103	51	RSW-LM-EM	3.81	SG32A
01	TN	202003	51	RSW-LM-EM	1.33	SG32A
01	TN	202101	51	RSW-LM-EM	3.81	SG32A
01	TN	202001	51	RSW-LM-EM	1.33	SG32A
01	TN	202009	51	RSW-LM-EM	3.81	SG32A
01	TN	202005	51	RSW-LM-EM	1.33	SG32A

01	TN	202004	51	RSW-LM-EM	1.33	SG32A
01	TN	202002	51	RSW-LM-EM	1.33	SG32A
01	TN	202109	51	RSW-LM-EM	4.84	SG32A
01	TN	202008	51	RSW-LM-EM	3.81	SG32A
01	TN	202108	51	RSW-LM-EM	3.95	SG32A
01	TN	202112	51	RSW-LM-EM	4.84	SG32A
01	TN	202111	51	RSW-LM-EM	4.84	SG32A
01	TN	202102	51	RSW-LM-EM	3.81	SG32A
01	TN	202010	51	RSW-LM-EM	3.81	SG32A
01	TN	202105	51	RSW-LM-EM	3.81	SG32A
01	TN	202012	51	RSW-LM-EM	3.81	SG32A
01	TN	202104	51	RSW-LM-EM	3.81	SG32A
01	TN	202007	51	RSW-LM-EM	3.81	SG32A
01	TN	202107	51	RSW-LM-EM	3.81	SG32A
01	TN	202110	51	RSW-LM-EM	4.84	SG32A
01	TN	202106	51	RSW-LM-EM	3.81	SG32A
01	TN	202002	93	OL 7000	72.42	SG32Q
01	TN	202104	93	OL 7000	199.92	SG32Q
01	TN	202101	93	OL 7000	202.86	SG32Q
01	TN	202012	93	OL 7000	200.9	SG32Q
01	TN	202112	93	OL 7000	238.75	SG32Q
01	TN	202007	93	OL 7000	204.78	SG32Q
01	TN	202105	93	OL 7000	199.92	SG32Q
01	TN	202108	93	OL 7000	209.21	SG32Q
01	TN	202107	93	OL 7000	195.02	SG32Q
01	TN	202009	93	OL 7000	201.88	SG32Q
01	TN	202103	93	OL 7000	200.9	SG32Q
01	TN	202010	93	OL 7000	201.88	SG32Q
01	TN	202111	93	OL 7000	240	SG32Q
01	TN	202109	93	OL 7000	243.52	SG32Q
01	TN	202006	93	OL 7000	168.46	SG32Q
01	TN	202011	93	OL 7000	202.86	SG32Q
01	TN	202008	93	OL 7000	203.84	SG32Q
01	TN	202102	93	OL 7000	202.86	SG32Q
01	TN	202106	93	OL 7000	197.96	SG32Q

01	TN	202001	93	OL 7000	72.76	SG32Q
01	TN	202004	93	OL 7000	71.74	SG32Q
01	TN	202005	93	OL 7000	71.74	SG32Q
01	TN	202003	93	OL 7000	71.4	SG32Q
01	TN	202110	93	OL 7000	243.75	SG32Q
01	TN	202103	94	9500 HPS	2,777.32	SG32Q
01	TN	202107	94	9500 HPS	2,788.1	SG32Q
01	TN	202006	94	9500 HPS	2,271.14	SG32Q
01	TN	202108	94	9500 HPS	2,982.79	SG32Q
01	TN	202008	94	9500 HPS	2,782.22	SG32Q
01	TN	202009	94	9500 HPS	2,764.58	SG32Q
01	TN	202007	94	9500 HPS	2,777.32	SG32Q
01	TN	202003	94	9500 HPS	956.08	SG32Q
01	TN	202106	94	9500 HPS	2,781.24	SG32Q
01	TN	202001	94	9500 HPS	955.4	SG32Q
01	TN	202004	94	9500 HPS	962.54	SG32Q
01	TN	202112	94	9500 HPS	3,577.5	SG32Q
01	TN	202010	94	9500 HPS	2,760.66	SG32Q
01	TN	202105	94	9500 HPS	2,780.26	SG32Q
01	TN	202111	94	9500 HPS	3,569.51	SG32Q
01	TN	202005	94	9500 HPS	961.86	SG32Q
01	TN	202102	94	9500 HPS	2,776.34	SG32Q
01	TN	202011	94	9500 HPS	2,779.28	SG32Q
01	TN	202109	94	9500 HPS	3,556.7	SG32Q
01	TN	202104	94	9500 HPS	2,801.82	SG32Q
01	TN	202101	94	9500 HPS	2,787.12	SG32Q
01	TN	202110	94	9500 HPS	3,571.25	SG32Q
01	TN	202012	94	9500 HPS	2,790.06	SG32Q
01	TN	202002	94	9500 HPS	953.7	SG32Q
01	TN	202102	95	OL 20000	21.56	SG32Q
01	TN	202106	95	OL 20000	21.56	SG32Q
01	TN	202112	95	OL 20000	25	SG32Q
01	TN	202004	95	OL 20000	7.48	SG32Q
01	TN	202003	95	OL 20000	7.48	SG32Q
01	TN	202101	95	OL 20000	21.56	SG32Q

01	TN	202006	95	OL 20000	16.99	SG32Q
01	TN	202107	95	OL 20000	21.56	SG32Q
01	TN	202103	95	OL 20000	21.56	SG32Q
01	TN	202010	95	OL 20000	21.56	SG32Q
01	TN	202104	95	OL 20000	21.56	SG32Q
01	TN	202108	95	OL 20000	22.8	SG32Q
01	TN	202105	95	OL 20000	21.56	SG32Q
01	TN	202012	95	OL 20000	21.56	SG32Q
01	TN	202007	95	OL 20000	21.56	SG32Q
01	TN	202111	95	OL 20000	27.5	SG32Q
01	TN	202009	95	OL 20000	21.56	SG32Q
01	TN	202011	95	OL 20000	21.56	SG32Q
01	TN	202002	95	OL 20000	7.48	SG32Q
01	TN	202005	95	OL 20000	7.48	SG32Q
01	TN	202008	95	OL 20000	21.56	SG32Q
01	TN	202109	95	OL 20000	27.5	SG32Q
01	TN	202110	95	OL 20000	27.5	SG32Q
01	TN	202001	95	OL 20000	7.48	SG32Q
01	TN	202001	97	22000 HPS	239.7	SG32Q
01	TN	202108	97	22000 HPS	743.31	SG32Q
01	TN	202104	97	22000 HPS	688.94	SG32Q
01	TN	202109	97	22000 HPS	873.14	SG32Q
01	TN	202009	97	22000 HPS	686.98	SG32Q
01	TN	202105	97	22000 HPS	683.06	SG32Q
01	TN	202102	97	22000 HPS	688.94	SG32Q
01	TN	202107	97	22000 HPS	686.98	SG32Q
01	TN	202012	97	22000 HPS	686	SG32Q
01	TN	202103	97	22000 HPS	671.25	SG32Q
01	TN	202112	97	22000 HPS	872.5	SG32Q
01	TN	202006	97	22000 HPS	555.04	SG32Q
01	TN	202008	97	22000 HPS	707.56	SG32Q
01	TN	202011	97	22000 HPS	694.24	SG32Q
01	TN	202003	97	22000 HPS	237.66	SG32Q
01	TN	202010	97	22000 HPS	685.02	SG32Q
01	TN	202110	97	22000 HPS	875	SG32Q

01	TN	202106	97	22000 HPS	685.02	SG32Q
01	TN	202007	97	22000 HPS	685.92	SG32Q
01	TN	202101	97	22000 HPS	685.02	SG32Q
01	TN	202005	97	22000 HPS	237.32	SG32Q
01	TN	202002	97	22000 HPS	240.38	SG32Q
01	TN	202111	97	22000 HPS	880	SG32Q
01	TN	202004	97	22000 HPS	239.7	SG32Q
01	TN	202002	103	27500SVPT	1.36	SG32Q
01	TN	202104	103	27500SVPT	3.92	SG32Q
01	TN	202001	103	27500SVPT	1.36	SG32Q
01	TN	202011	103	27500SVPT	3.92	SG32Q
01	TN	202107	103	27500SVPT	4.9	SG32Q
01	TN	202003	103	27500SVPT	1.36	SG32Q
01	TN	202112	103	27500SVPT	5	SG32Q
01	TN	202009	103	27500SVPT	3.92	SG32Q
01	TN	202103	103	27500SVPT	3.92	SG32Q
01	TN	202109	103	27500SVPT	5	SG32Q
01	TN	202111	103	27500SVPT	5	SG32Q
01	TN	202012	103	27500SVPT	3.92	SG32Q
01	TN	202010	103	27500SVPT	3.92	SG32Q
01	TN	202108	103	27500SVPT	2.33	SG32Q
01	TN	202006	103	27500SVPT	3.48	SG32Q
01	TN	202005	103	27500SVPT	1.36	SG32Q
01	TN	202105	103	27500SVPT	3.92	SG32Q
01	TN	202007	103	27500SVPT	3.92	SG32Q
01	TN	202101	103	27500SVPT	3.92	SG32Q
01	TN	202008	103	27500SVPT	3.92	SG32Q
01	TN	202102	103	27500SVPT	3.92	SG32Q
01	TN	202110	103	27500SVPT	5	SG32Q
01	TN	202004	103	27500SVPT	1.36	SG32Q
01	TN	202106	103	27500SVPT	4.9	SG32Q
01	TN	202110	107	22000HPSF	481.25	SG32Q
01	TN	202105	107	22000HPSF	373.38	SG32Q
01	TN	202103	107	22000HPSF	381.22	SG32Q
01	TN	202002	107	22000HPSF	136.34	SG32Q

01	TN	202012	107	22000HPSF	385.14	SG32Q
01	TN	202102	107	22000HPSF	383.18	SG32Q
01	TN	202001	107	22000HPSF	137.36	SG32Q
01	TN	202101	107	22000HPSF	388.08	SG32Q
01	TN	202007	107	22000HPSF	388.08	SG32Q
01	TN	202112	107	22000HPSF	485	SG32Q
01	TN	202009	107	22000HPSF	389.06	SG32Q
01	TN	202010	107	22000HPSF	386.12	SG32Q
01	TN	202106	107	22000HPSF	374.36	SG32Q
01	TN	202008	107	22000HPSF	389.76	SG32Q
01	TN	202108	107	22000HPSF	403.31	SG32Q
01	TN	202004	107	22000HPSF	139.74	SG32Q
01	TN	202011	107	22000HPSF	386.12	SG32Q
01	TN	202005	107	22000HPSF	135.66	SG32Q
01	TN	202107	107	22000HPSF	379.26	SG32Q
01	TN	202104	107	22000HPSF	385.14	SG32Q
01	TN	202003	107	22000HPSF	136.34	SG32Q
01	TN	202006	107	22000HPSF	320.92	SG32Q
01	TN	202111	107	22000HPSF	483.75	SG32Q
01	TN	202109	107	22000HPSF	478.75	SG32Q
01	TN	202005	109	50000HPSF	34.07	SG32Q
01	TN	202110	109	50000HPSF	137.5	SG32Q
01	TN	202007	109	50000HPSF	106.82	SG32Q
01	TN	202006	109	50000HPSF	90.97	SG32Q
01	TN	202003	109	50000HPSF	35.02	SG32Q
01	TN	202010	109	50000HPSF	103.88	SG32Q
01	TN	202008	109	50000HPSF	111.72	SG32Q
01	TN	202104	109	50000HPSF	104.86	SG32Q
01	TN	202105	109	50000HPSF	104.86	SG32Q
01	TN	202001	109	50000HPSF	36.04	SG32Q
01	TN	202108	109	50000HPSF	116.68	SG32Q
01	TN	202102	109	50000HPSF	104.86	SG32Q
01	TN	202106	109	50000HPSF	104.86	SG32Q
01	TN	202011	109	50000HPSF	103.88	SG32Q
01	TN	202009	109	50000HPSF	103.88	SG32Q

01	TN	202103	109	50000HPSF	104.86	SG32Q
01	TN	202112	109	50000HPSF	142.5	SG32Q
01	TN	202012	109	50000HPSF	104.86	SG32Q
01	TN	202107	109	50000HPSF	104.86	SG32Q
01	TN	202002	109	50000HPSF	37.4	SG32Q
01	TN	202004	109	50000HPSF	38.08	SG32Q
01	TN	202101	109	50000HPSF	104.86	SG32Q
01	TN	202111	109	50000HPSF	137.5	SG32Q
01	TN	202109	109	50000HPSF	137.34	SG32Q
01	TN	202005	110	17000 MH	27.2	SG32Q
01	TN	202111	110	17000 MH	113.75	SG32Q
01	TN	202012	110	17000 MH	82.32	SG32Q
01	TN	202006	110	17000 MH	64.02	SG32Q
01	TN	202010	110	17000 MH	79.38	SG32Q
01	TN	202107	110	17000 MH	83.3	SG32Q
01	TN	202105	110	17000 MH	85.26	SG32Q
01	TN	202007	110	17000 MH	78.4	SG32Q
01	TN	202106	110	17000 MH	84.28	SG32Q
01	TN	202101	110	17000 MH	83.3	SG32Q
01	TN	202011	110	17000 MH	80.36	SG32Q
01	TN	202004	110	17000 MH	26.86	SG32Q
01	TN	202104	110	17000 MH	84.28	SG32Q
01	TN	202112	110	17000 MH	117.5	SG32Q
01	TN	202001	110	17000 MH	27.2	SG32Q
01	TN	202110	110	17000 MH	116.25	SG32Q
01	TN	202008	110	17000 MH	81.34	SG32Q
01	TN	202103	110	17000 MH	83.3	SG32Q
01	TN	202109	110	17000 MH	107.47	SG32Q
01	TN	202009	110	17000 MH	79.38	SG32Q
01	TN	202108	110	17000 MH	92.43	SG32Q
01	TN	202102	110	17000 MH	83.3	SG32Q
01	TN	202003	110	17000 MH	26.86	SG32Q
01	TN	202002	110	17000 MH	27.54	SG32Q
01	TN	202010	111	9500HPSPT	315.56	SG32Q
01	TN	202107	111	9500HPSPT	332.22	SG32Q

01	TN	202001	111	9500HPSPT	109.14	SG32Q
01	TN	202109	111	9500HPSPT	406.25	SG32Q
01	TN	202002	111	9500HPSPT	109.14	SG32Q
01	TN	202009	111	9500HPSPT	315.56	SG32Q
01	TN	202106	111	9500HPSPT	318.5	SG32Q
01	TN	202105	111	9500HPSPT	318.5	SG32Q
01	TN	202008	111	9500HPSPT	315.56	SG32Q
01	TN	202101	111	9500HPSPT	317.52	SG32Q
01	TN	202112	111	9500HPSPT	406.25	SG32Q
01	TN	202110	111	9500HPSPT	406.25	SG32Q
01	TN	202102	111	9500HPSPT	317.52	SG32Q
01	TN	202011	111	9500HPSPT	315.56	SG32Q
01	TN	202012	111	9500HPSPT	316.54	SG32Q
01	TN	202004	111	9500HPSPT	109.14	SG32Q
01	TN	202005	111	9500HPSPT	109.48	SG32Q
01	TN	202007	111	9500HPSPT	315.56	SG32Q
01	TN	202103	111	9500HPSPT	317.52	SG32Q
01	TN	202006	111	9500HPSPT	255.72	SG32Q
01	TN	202111	111	9500HPSPT	406.25	SG32Q
01	TN	202003	111	9500HPSPT	109.14	SG32Q
01	TN	202104	111	9500HPSPT	318.5	SG32Q
01	TN	202108	111	9500HPSPT	340.27	SG32Q
01	TN	202104	115	9500 HPSF	90.16	SG32Q
01	TN	202001	115	9500 HPSF	33.32	SG32Q
01	TN	202007	115	9500 HPSF	92.12	SG32Q
01	TN	202111	115	9500 HPSF	115	SG32Q
01	TN	202006	115	9500 HPSF	76.53	SG32Q
01	TN	202101	115	9500 HPSF	89.18	SG32Q
01	TN	202106	115	9500 HPSF	89.18	SG32Q
01	TN	202008	115	9500 HPSF	94.08	SG32Q
01	TN	202004	115	9500 HPSF	32.98	SG32Q
01	TN	202103	115	9500 HPSF	89.18	SG32Q
01	TN	202012	115	9500 HPSF	89.18	SG32Q
01	TN	202009	115	9500 HPSF	90.16	SG32Q
01	TN	202110	115	9500 HPSF	113.75	SG32Q

01	TN	202011	115	9500 HPSF	90.16	SG32Q
01	TN	202010	115	9500 HPSF	90.16	SG32Q
01	TN	202003	115	9500 HPSF	32.98	SG32Q
01	TN	202107	115	9500 HPSF	89.18	SG32Q
01	TN	202005	115	9500 HPSF	32.3	SG32Q
01	TN	202108	115	9500 HPSF	95.79	SG32Q
01	TN	202109	115	9500 HPSF	113.75	SG32Q
01	TN	202002	115	9500 HPSF	33.32	SG32Q
01	TN	202102	115	9500 HPSF	89.18	SG32Q
01	TN	202112	115	9500 HPSF	115	SG32Q
01	TN	202105	115	9500 HPSF	89.18	SG32Q
01	TN	202102	116	28800 MH	723.24	SG32Q
01	TN	202103	116	28800 MH	722.26	SG32Q
01	TN	202009	116	28800 MH	700.7	SG32Q
01	TN	202005	116	28800 MH	242.08	SG32Q
01	TN	202010	116	28800 MH	705.6	SG32Q
01	TN	202007	116	28800 MH	689	SG32Q
01	TN	202104	116	28800 MH	755.58	SG32Q
01	TN	202112	116	28800 MH	907.5	SG32Q
01	TN	202106	116	28800 MH	720.3	SG32Q
01	TN	202011	116	28800 MH	693.78	SG32Q
01	TN	202110	116	28800 MH	918.75	SG32Q
01	TN	202002	116	28800 MH	243.1	SG32Q
01	TN	202008	116	28800 MH	689.92	SG32Q
01	TN	202101	116	28800 MH	714.42	SG32Q
01	TN	202108	116	28800 MH	773.39	SG32Q
01	TN	202012	116	28800 MH	701.68	SG32Q
01	TN	202109	116	28800 MH	920.04	SG32Q
01	TN	202107	116	28800 MH	718.34	SG32Q
01	TN	202003	116	28800 MH	238	SG32Q
01	TN	202111	116	28800 MH	931.25	SG32Q
01	TN	202001	116	28800 MH	243.44	SG32Q
01	TN	202004	116	28800 MH	240.04	SG32Q
01	TN	202105	116	28800 MH	728.14	SG32Q
01	TN	202006	116	28800 MH	573.62	SG32Q

01	TN	202005	120	50000HPSB	4.42	SG32Q
01	TN	202007	120	50000HPSB	12.74	SG32Q
01	TN	202008	120	50000HPSB	12.74	SG32Q
01	TN	202006	120	50000HPSB	11.59	SG32Q
01	TN	202111	120	50000HPSB	16.25	SG32Q
01	TN	202003	120	50000HPSB	4.42	SG32Q
01	TN	202002	120	50000HPSB	4.42	SG32Q
01	TN	202109	120	50000HPSB	16.25	SG32Q
01	TN	202104	120	50000HPSB	12.74	SG32Q
01	TN	202103	120	50000HPSB	12.74	SG32Q
01	TN	202106	120	50000HPSB	12.74	SG32Q
01	TN	202107	120	50000HPSB	12.74	SG32Q
01	TN	202011	120	50000HPSB	12.74	SG32Q
01	TN	202010	120	50000HPSB	12.74	SG32Q
01	TN	202012	120	50000HPSB	12.74	SG32Q
01	TN	202105	120	50000HPSB	12.74	SG32Q
01	TN	202009	120	50000HPSB	12.74	SG32Q
01	TN	202004	120	50000HPSB	4.42	SG32Q
01	TN	202102	120	50000HPSB	12.74	SG32Q
01	TN	202112	120	50000HPSB	16.25	SG32Q
01	TN	202110	120	50000HPSB	16.25	SG32Q
01	TN	202108	120	50000HPSB	14.07	SG32Q
01	TN	202001	120	50000HPSB	4.42	SG32Q
01	TN	202101	120	50000HPSB	12.74	SG32Q
01	TN	202011	122	16000SVPT	20.58	SG32Q
01	TN	202109	122	16000SVPT	26.25	SG32Q
01	TN	202001	122	16000SVPT	7.14	SG32Q
01	TN	202004	122	16000SVPT	7.14	SG32Q
01	TN	202111	122	16000SVPT	26.25	SG32Q
01	TN	202006	122	16000SVPT	16.58	SG32Q
01	TN	202103	122	16000SVPT	20.58	SG32Q
01	TN	202106	122	16000SVPT	20.58	SG32Q
01	TN	202002	122	16000SVPT	7.14	SG32Q
01	TN	202010	122	16000SVPT	20.58	SG32Q
01	TN	202012	122	16000SVPT	20.58	SG32Q

01	TN	202003	122	16000SVPT	7.14	SG32Q
01	TN	202107	122	16000SVPT	20.58	SG32Q
01	TN	202005	122	16000SVPT	7.14	SG32Q
01	TN	202108	122	16000SVPT	22	SG32Q
01	TN	202110	122	16000SVPT	26.25	SG32Q
01	TN	202009	122	16000SVPT	20.58	SG32Q
01	TN	202007	122	16000SVPT	20.58	SG32Q
01	TN	202105	122	16000SVPT	20.58	SG32Q
01	TN	202112	122	16000SVPT	26.25	SG32Q
01	TN	202104	122	16000SVPT	20.58	SG32Q
01	TN	202102	122	16000SVPT	20.58	SG32Q
01	TN	202008	122	16000SVPT	20.58	SG32Q
01	TN	202101	122	16000SVPT	21.56	SG32Q
01	TN	202104	124	50000SVPF	3.92	SG32Q
01	TN	202009	124	50000SVPF	3.92	SG32Q
01	TN	202106	124	50000SVPF	3.92	SG32Q
01	TN	202008	124	50000SVPF	3.92	SG32Q
01	TN	202002	124	50000SVPF	1.36	SG32Q
01	TN	202103	124	50000SVPF	3.92	SG32Q
01	TN	202101	124	50000SVPF	3.92	SG32Q
01	TN	202005	124	50000SVPF	1.36	SG32Q
01	TN	202111	124	50000SVPF	5	SG32Q
01	TN	202006	124	50000SVPF	3.48	SG32Q
01	TN	202112	124	50000SVPF	5	SG32Q
01	TN	202004	124	50000SVPF	1.36	SG32Q
01	TN	202102	124	50000SVPF	3.92	SG32Q
01	TN	202110	124	50000SVPF	5	SG32Q
01	TN	202109	124	50000SVPF	5	SG32Q
01	TN	202001	124	50000SVPF	1.36	SG32Q
01	TN	202007	124	50000SVPF	3.92	SG32Q
01	TN	202011	124	50000SVPF	3.92	SG32Q
01	TN	202003	124	50000SVPF	1.36	SG32Q
01	TN	202010	124	50000SVPF	3.92	SG32Q
01	TN	202012	124	50000SVPF	3.92	SG32Q
01	TN	202105	124	50000SVPF	3.92	SG32Q

01	TN	202108	124	50000SVPF	4.29	SG32Q
01	TN	202107	124	50000SVPF	3.92	SG32Q
01	TN	202004	126	36000MHPF	2.04	SG32Q
01	TN	202009	126	36000MHPF	5.88	SG32Q
01	TN	202107	126	36000MHPF	5.88	SG32Q
01	TN	202109	126	36000MHPF	7.5	SG32Q
01	TN	202110	126	36000MHPF	7.5	SG32Q
01	TN	202112	126	36000MHPF	7.5	SG32Q
01	TN	202105	126	36000MHPF	5.88	SG32Q
01	TN	202011	126	36000MHPF	5.88	SG32Q
01	TN	202111	126	36000MHPF	7.5	SG32Q
01	TN	202001	126	36000MHPF	2.04	SG32Q
01	TN	202106	126	36000MHPF	5.88	SG32Q
01	TN	202101	126	36000MHPF	5.88	SG32Q
01	TN	202007	126	36000MHPF	5.88	SG32Q
01	TN	202008	126	36000MHPF	5.88	SG32Q
01	TN	202108	126	36000MHPF	6.53	SG32Q
01	TN	202102	126	36000MHPF	7.84	SG32Q
01	TN	202002	126	36000MHPF	2.04	SG32Q
01	TN	202104	126	36000MHPF	5.88	SG32Q
01	TN	202012	126	36000MHPF	5.88	SG32Q
01	TN	202005	126	36000MHPF	2.04	SG32Q
01	TN	202103	126	36000MHPF	5.88	SG32Q
01	TN	202010	126	36000MHPF	5.88	SG32Q
01	TN	202006	126	36000MHPF	5.44	SG32Q
01	TN	202003	126	36000MHPF	2.04	SG32Q
01	TN	202107	208	EHG	15,746.45	SG32P
01	TN	202001	208	EHG	6,980.86	SG32P
01	TN	202011	208	EHG	18,522.94	SG32P
01	TN	202102	208	EHG	21,013.84	SG32P
01	TN	202005	208	EHG	5,588.07	SG32P
01	TN	202003	208	EHG	6,824.41	SG32P
01	TN	202111	208	EHG	24,108.78	SG32P
01	TN	202106	208	EHG	15,816.43	SG32P
01	TN	202103	208	EHG	19,673.04	SG32P

01	TN	202101	208	EHG	21,085.72	SG32P
01	TN	202110	208	EHG	19,389.62	SG32P
01	TN	202112	208	EHG	25,876.2	SG32P
01	TN	202105	208	EHG	16,979.64	SG32P
01	TN	202010	208	EHG	14,923.54	SG32P
01	TN	202008	208	EHG	15,704.49	SG32P
01	TN	202012	208	EHG	20,835.67	SG32P
01	TN	202104	208	EHG	18,621.42	SG32P
01	TN	202004	208	EHG	5,115.27	SG32P
01	TN	202108	208	EHG	17,039.36	SG32P
01	TN	202002	208	EHG	6,904.22	SG32P
01	TN	202007	208	EHG	16,107.87	SG32P
01	TN	202006	208	EHG	12,183.69	SG32P
01	TN	202109	208	EHG	20,131.67	SG32P
01	TN	202009	208	EHG	15,685.87	SG32P
01	TN	202102	209	EHG MIN	6,556.52	SG32P
01	TN	202002	209	EHG MIN	2,265.7	SG32P
01	TN	202011	209	EHG MIN	4,092.4	SG32P
01	TN	202004	209	EHG MIN	1,267.47	SG32P
01	TN	202006	209	EHG MIN	2,589.55	SG32P
01	TN	202012	209	EHG MIN	5,848.95	SG32P
01	TN	202104	209	EHG MIN	5,608.06	SG32P
01	TN	202109	209	EHG MIN	4,279.72	SG32P
01	TN	202111	209	EHG MIN	7,151.15	SG32P
01	TN	202007	209	EHG MIN	3,105.06	SG32P
01	TN	202009	209	EHG MIN	3,002.11	SG32P
01	TN	202106	209	EHG MIN	3,262.11	SG32P
01	TN	202108	209	EHG MIN	3,686.78	SG32P
01	TN	202003	209	EHG MIN	2,250.41	SG32P
01	TN	202107	209	EHG MIN	3,421.76	SG32P
01	TN	202103	209	EHG MIN	6,077.98	SG32P
01	TN	202005	209	EHG MIN	1,420.6	SG32P
01	TN	202105	209	EHG MIN	4,220.39	SG32P
01	TN	202008	209	EHG MIN	3,003.69	SG32P
01	TN	202101	209	EHG MIN	6,173.54	SG32P

01	TN	202112	209	EHG MIN	7,908.68	SG32P
01	TN	202110	209	EHG MIN	4,093.77	SG32P
01	TN	202001	209	EHG MIN	2,225.11	SG32P
01	TN	202010	209	EHG MIN	3,469.35	SG32P
01	TN	202106	221	CS	6,002.43	SG32N
01	TN	202107	221	CS	7,591.87	SG32N
01	TN	202010	221	CS	3,520.89	SG32N
01	TN	202003	221	CS	2,056.65	SG32N
01	TN	202104	221	CS	4,572.48	SG32N
01	TN	202111	221	CS	6,214.89	SG32N
01	TN	202009	221	CS	6,181.25	SG32N
01	TN	202006	221	CS	3,817.52	SG32N
01	TN	202109	221	CS	8,535.75	SG32N
01	TN	202011	221	CS	4,314.31	SG32N
01	TN	202102	221	CS	7,728.63	SG32N
01	TN	202004	221	CS	1,109.77	SG32N
01	TN	202012	221	CS	7,088.54	SG32N
01	TN	202103	221	CS	5,491.69	SG32N
01	TN	202002	221	CS	2,526	SG32N
01	TN	202007	221	CS	6,786.42	SG32N
01	TN	202101	221	CS	8,046.29	SG32N
01	TN	202001	221	CS	2,426.97	SG32N
01	TN	202110	221	CS	5,747.02	SG32N
01	TN	202105	221	CS	4,262.99	SG32N
01	TN	202008	221	CS	6,392.31	SG32N
01	TN	202108	221	CS	7,899.63	SG32N
01	TN	202112	221	CS	9,280.72	SG32N
01	TN	202005	221	CS	1,114.76	SG32N
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01	TN	202102	229	GS TOD	78.38	SG32D
01	TN	202001	229	GS TOD	22.04	SG32D
01	TN	202106	229	GS TOD	24.69	SG32D
01	TN	202101	229	GS TOD	67.36	SG32D

01	TN	202112	229	GS TOD	83.9	SG32D
01	TN	202108	229	GS TOD	33.18	SG32D
01	TN	202008	229	GS TOD	39.08	SG32D
01	TN	202002	229	GS TOD	22.34	SG32D
01	TN	202105	229	GS TOD	25.28	SG32D
01	TN	202011	229	GS TOD	13.56	SG32D
01	TN	202010	229	GS TOD	85.78	SG32D
01	TN	202012	229	GS TOD	112.1	SG32D
01	TN	202009	229	GS TOD	7.8	SG32D
01	TN	202004	229	GS TOD	7.63	SG32D
01	TN	202111	229	GS TOD	63.53	SG32D
01	TN	202104	229	GS TOD	39.47	SG32D
01	TN	202006	229	GS TOD	26.73	SG32D
01	TN	202110	229	GS TOD	43.52	SG32D
01	TN	202103	229	GS TOD	66.48	SG32D
01	TN	202007	229	GS TOD	40.12	SG32D
01	TN	202109	229	GS TOD	43.07	SG32D
01	TN	202111	231	SGS FIXED	22,452.09	SG32B
01	TN	202107	231	SGS FIXED	17,546.09	SG32B
01	TN	202002	231	SGS FIXED	5,977.05	SG32B
01	TN	202003	231	SGS FIXED	5,987.96	SG32B
01	TN	202109	231	SGS FIXED	22,284.46	SG32B
01	TN	202001	231	SGS FIXED	5,978.89	SG32B
01	TN	202009	231	SGS FIXED	17,454.4	SG32B
01	TN	202006	231	SGS FIXED	14,182.91	SG32B
01	TN	202105	231	SGS FIXED	17,507.68	SG32B
01	TN	202011	231	SGS FIXED	17,432.8	SG32B
01	TN	202103	231	SGS FIXED	17,426.24	SG32B
01	TN	202012	231	SGS FIXED	17,474.64	SG32B
01	TN	202101	231	SGS FIXED	17,334.72	SG32B
01	TN	202104	231	SGS FIXED	17,449.76	SG32B
01	TN	202004	231	SGS FIXED	5,987.15	SG32B
01	TN	202007	231	SGS FIXED	17,385.28	SG32B
01	TN	202010	231	SGS FIXED	17,335.02	SG32B
01	TN	202008	231	SGS FIXED	17,336.16	SG32B

01	TN	202106	231	SGS FIXED	17,551.52	SG32B
01	TN	202108	231	SGS FIXED	18,746.44	SG32B
01	TN	202102	231	SGS FIXED	17,460.31	SG32B
01	TN	202005	231	SGS FIXED	6,001.65	SG32B
01	TN	202112	231	SGS FIXED	22,370.75	SG32B
01	TN	202110	231	SGS FIXED	22,355.85	SG32B
01	TN	202110	232	SGS MEAS	1,294.41	SG32B
01	TN	202006	232	SGS MEAS	861.32	SG32B
01	TN	202103	232	SGS MEAS	1,042.4	SG32B
01	TN	202102	232	SGS MEAS	1,052.16	SG32B
01	TN	202012	232	SGS MEAS	1,027.68	SG32B
01	TN	202005	232	SGS MEAS	361.56	SG32B
01	TN	202108	232	SGS MEAS	1,089.12	SG32B
01	TN	202003	232	SGS MEAS	371.41	SG32B
01	TN	202001	232	SGS MEAS	373.31	SG32B
01	TN	202009	232	SGS MEAS	1,055.84	SG32B
01	TN	202106	232	SGS MEAS	1,036.32	SG32B
01	TN	202004	232	SGS MEAS	369.51	SG32B
01	TN	202011	232	SGS MEAS	1,037.76	SG32B
01	TN	202112	232	SGS MEAS	1,299.31	SG32B
01	TN	202107	232	SGS MEAS	1,020.96	SG32B
01	TN	202008	232	SGS MEAS	1,046.4	SG32B
01	TN	202002	232	SGS MEAS	374.02	SG32B
01	TN	202111	232	SGS MEAS	1,302.96	SG32B
01	TN	202101	232	SGS MEAS	1,001.92	SG32B
01	TN	202007	232	SGS MEAS	1,044.96	SG32B
01	TN	202105	232	SGS MEAS	1,030.56	SG32B
01	TN	202109	232	SGS MEAS	1,293.2	SG32B
01	TN	202010	232	SGS MEAS	1,043.36	SG32B
01	TN	202104	232	SGS MEAS	1,026.88	SG32B
01	TN	202112	233	SGS NMTR	359.9	SG32B
01	TN	202007	233	SGS NMTR	283.2	SG32B
01	TN	202009	233	SGS NMTR	283.2	SG32B
01	TN	202101	233	SGS NMTR	288	SG32B
01	TN	202012	233	SGS NMTR	288	SG32B

01	TN	202105	233	SGS NMTR	283.2	SG32B
01	TN	202102	233	SGS NMTR	288	SG32B
01	TN	202104	233	SGS NMTR	283.2	SG32B
01	TN	202103	233	SGS NMTR	283.2	SG32B
01	TN	202108	233	SGS NMTR	304.73	SG32B
01	TN	202011	233	SGS NMTR	283.2	SG32B
01	TN	202010	233	SGS NMTR	283.2	SG32B
01	TN	202006	233	SGS NMTR	236.9	SG32B
01	TN	202110	233	SGS NMTR	359.9	SG32B
01	TN	202005	233	SGS NMTR	98.53	SG32B
01	TN	202107	233	SGS NMTR	283.2	SG32B
01	TN	202111	233	SGS NMTR	359.9	SG32B
01	TN	202106	233	SGS NMTR	283.2	SG32B
01	TN	202003	233	SGS NMTR	100.2	SG32B
01	TN	202008	233	SGS NMTR	283.2	SG32B
01	TN	202001	233	SGS NMTR	100.2	SG32B
01	TN	202109	233	SGS NMTR	359.45	SG32B
01	TN	202004	233	SGS NMTR	98.53	SG32B
01	TN	202002	233	SGS NMTR	98.53	SG32B
01	TN	202108	235	MGS SEC	78,222.96	SG32C
01	TN	202008	235	MGS SEC	70,278.73	SG32C
01	TN	202106	235	MGS SEC	70,853.83	SG32C
01	TN	202104	235	MGS SEC	71,559.15	SG32C
01	TN	202112	235	MGS SEC	91,065.77	SG32C
01	TN	202107	235	MGS SEC	72,788.7	SG32C
01	TN	202005	235	MGS SEC	22,253.53	SG32C
01	TN	202002	235	MGS SEC	25,569.23	SG32C
01	TN	202103	235	MGS SEC	72,832.76	SG32C
01	TN	202006	235	MGS SEC	54,179.27	SG32C
01	TN	202011	235	MGS SEC	70,386.69	SG32C
01	TN	202003	235	MGS SEC	25,212.81	SG32C
01	TN	202105	235	MGS SEC	69,944.73	SG32C
01	TN	202101	235	MGS SEC	71,236.56	SG32C
01	TN	202010	235	MGS SEC	64,449.73	SG32C
01	TN	202004	235	MGS SEC	22,050.02	SG32C

01	TN	202102	235	MGS SEC	73,240.94	SG32C
01	TN	202001	235	MGS SEC	26,378.06	SG32C
01	TN	202007	235	MGS SEC	70,966.12	SG32C
01	TN	202109	235	MGS SEC	92,104.29	SG32C
01	TN	202110	235	MGS SEC	85,578.66	SG32C
01	TN	202012	235	MGS SEC	71,615.17	SG32C
01	TN	202009	235	MGS SEC	69,188.38	SG32C
01	TN	202111	235	MGS SEC	88,916.87	SG32C
01	TN	202001	237	MGS PRI	24	SG32E
01	TN	202009	237	MGS PRI	98.07	SG32E
01	TN	202007	237	MGS PRI	77.76	SG32E
01	TN	202010	237	MGS PRI	0	SG32E
01	TN	202111	237	MGS PRI	99	SG32E
01	TN	202003	237	MGS PRI	24	SG32E
01	TN	202006	237	MGS PRI	69.7	SG32E
01	TN	202109	237	MGS PRI	112.75	SG32E
01	TN	202002	237	MGS PRI	25.5	SG32E
01	TN	202004	237	MGS PRI	24.75	SG32E
01	TN	202112	237	MGS PRI	140.25	SG32E
01	TN	202005	237	MGS PRI	21	SG32E
01	TN	202008	237	MGS PRI	86.4	SG32E
01	TN	202110	237	MGS PRI	121	SG32E
01	TN	202010	240	LGS SEC	102,568.07	SG32F
01	TN	202109	240	LGS SEC	137,054.63	SG32F
01	TN	202111	240	LGS SEC	118,191.72	SG32F
01	TN	202011	240	LGS SEC	90,776.69	SG32F
01	TN	202008	240	LGS SEC	110,008.53	SG32F
01	TN	202005	240	LGS SEC	35,292.58	SG32F
01	TN	202108	240	LGS SEC	111,409.2	SG32F
01	TN	202105	240	LGS SEC	99,078.39	SG32F
01	TN	202106	240	LGS SEC	104,712.14	SG32F
01	TN	202112	240	LGS SEC	125,152.52	SG32F
01	TN	202009	240	LGS SEC	108,924.75	SG32F
01	TN	202007	240	LGS SEC	110,915.51	SG32F
01	TN	202002	240	LGS SEC	36,103.31	SG32F

01	TN	202012	240	LGS SEC	102,469.7	SG32F
01	TN	202001	240	LGS SEC	36,569.55	SG32F
01	TN	202006	240	LGS SEC	83,395.22	SG32F
01	TN	202104	240	LGS SEC	102,808.93	SG32F
01	TN	202103	240	LGS SEC	93,762.91	SG32F
01	TN	202107	240	LGS SEC	108,498.67	SG32F
01	TN	202003	240	LGS SEC	35,899.28	SG32F
01	TN	202004	240	LGS SEC	35,170.45	SG32F
01	TN	202102	240	LGS SEC	99,777.69	SG32F
01	TN	202101	240	LGS SEC	95,486.38	SG32F
01	TN	202110	240	LGS SEC	127,130.08	SG32F
01	TN	202108	242	LGS M SEC	1,964.71	SG32F
01	TN	202004	242	LGS M SEC	618.8	SG32F
01	TN	202105	242	LGS M SEC	1,324.35	SG32F
01	TN	202107	242	LGS M SEC	1,844.37	SG32F
01	TN	202009	242	LGS M SEC	1,720.44	SG32F
01	TN	202112	242	LGS M SEC	2,790.48	SG32F
01	TN	202102	242	LGS M SEC	2,534.49	SG32F
01	TN	202002	242	LGS M SEC	872.1	SG32F
01	TN	202007	242	LGS M SEC	1,875.96	SG32F
01	TN	202103	242	LGS M SEC	2,502.22	SG32F
01	TN	202008	242	LGS M SEC	1,764.18	SG32F
01	TN	202012	242	LGS M SEC	2,502.9	SG32F
01	TN	202001	242	LGS M SEC	910.35	SG32F
01	TN	202006	242	LGS M SEC	1,530.52	SG32F
01	TN	202104	242	LGS M SEC	2,341.1	SG32F
01	TN	202106	242	LGS M SEC	2,335.23	SG32F
01	TN	202111	242	LGS M SEC	2,510.2	SG32F
01	TN	202110	242	LGS M SEC	2,103.64	SG32F
01	TN	202010	242	LGS M SEC	1,606.23	SG32F
01	TN	202011	242	LGS M SEC	1,781.19	SG32F
01	TN	202005	242	LGS M SEC	563.55	SG32F
01	TN	202003	242	LGS M SEC	820.25	SG32F
01	TN	202101	242	LGS M SEC	1,098.36	SG32F
01	TN	202109	242	LGS M SEC	2,346.96	SG32F

01	TN	202002	244	LGS PRI	5,976.3	SG32G
01	TN	202012	244	LGS PRI	14,447.8	SG32G
01	TN	202102	244	LGS PRI	14,349.44	SG32G
01	TN	202107	244	LGS PRI	15,782.6	SG32G
01	TN	202001	244	LGS PRI	5,861.46	SG32G
01	TN	202006	244	LGS PRI	10,390.97	SG32G
01	TN	202112	244	LGS PRI	18,763.89	SG32G
01	TN	202111	244	LGS PRI	18,926.41	SG32G
01	TN	202108	244	LGS PRI	19,841.75	SG32G
01	TN	202008	244	LGS PRI	18,643.96	SG32G
01	TN	202104	244	LGS PRI	12,987.04	SG32G
01	TN	202004	244	LGS PRI	7,380.62	SG32G
01	TN	202101	244	LGS PRI	17,694.56	SG32G
01	TN	202007	244	LGS PRI	17,351.5	SG32G
01	TN	202103	244	LGS PRI	18,755.48	SG32G
01	TN	202005	244	LGS PRI	9,501.36	SG32G
01	TN	202010	244	LGS PRI	17,245.24	SG32G
01	TN	202109	244	LGS PRI	20,021.74	SG32G
01	TN	202110	244	LGS PRI	19,452.21	SG32G
01	TN	202105	244	LGS PRI	17,587.4	SG32G
01	TN	202003	244	LGS PRI	5,107.08	SG32G
01	TN	202011	244	LGS PRI	15,179.12	SG32G
01	TN	202106	244	LGS PRI	13,949.6	SG32G
01	TN	202009	244	LGS PRI	16,504.52	SG32G
01	TN	202003	322	IP PRI	2,178.6	SG32K
01	TN	202110	322	IP PRI	8,971.79	SG32K
01	TN	202105	322	IP PRI	9,322.4	SG32K
01	TN	202001	322	IP PRI	2,095.5	SG32K
01	TN	202112	322	IP PRI	8,068.18	SG32K
01	TN	202111	322	IP PRI	8,322.15	SG32K
01	TN	202002	322	IP PRI	2,087.4	SG32K
01	TN	202101	322	IP PRI	5,665.68	SG32K
01	TN	202108	322	IP PRI	11,009.48	SG32K
01	TN	202103	322	IP PRI	8,487.34	SG32K
01	TN	202004	322	IP PRI	2,206.5	SG32K

01	TN	202005	322	IP PRI	2,254.8	SG32K
01	TN	202011	322	IP PRI	6,787.98	SG32K
01	TN	202010	322	IP PRI	3,781.42	SG32K
01	TN	202009	322	IP PRI	7,091.56	SG32K
01	TN	202104	322	IP PRI	3,507.08	SG32K
01	TN	202107	322	IP PRI	4,459.96	SG32K
01	TN	202006	322	IP PRI	6,312.47	SG32K
01	TN	202106	322	IP PRI	7,297.1	SG32K
01	TN	202007	322	IP PRI	7,326.34	SG32K
01	TN	202012	322	IP PRI	6,170.5	SG32K
01	TN	202102	322	IP PRI	5,995.92	SG32K
01	TN	202109	322	IP PRI	9,284.62	SG32K
01	TN	202008	322	IP PRI	7,083.82	SG32K
01	TN	202108	324	IP TRAN	34,626.28	SG32M
01	TN	202009	324	IP TRAN	69,651.9	SG32M
01	TN	202010	324	IP TRAN	66,888.18	SG32M
01	TN	202005	324	IP TRAN	16,437.68	SG32M
01	TN	202107	324	IP TRAN	51,972.84	SG32M
01	TN	202007	324	IP TRAN	57,438.72	SG32M
01	TN	202112	324	IP TRAN	72,842.63	SG32M
01	TN	202101	324	IP TRAN	69,472.89	SG32M
01	TN	202109	324	IP TRAN	107,205.03	SG32M
01	TN	202006	324	IP TRAN	74,623.42	SG32M
01	TN	202104	324	IP TRAN	62,996.13	SG32M
01	TN	202106	324	IP TRAN	49,439.97	SG32M
01	TN	202003	324	IP TRAN	29,970.92	SG32M
01	TN	202102	324	IP TRAN	69,363.54	SG32M
01	TN	202012	324	IP TRAN	97,711.11	SG32M
01	TN	202001	324	IP TRAN	10,928.4	SG32M
01	TN	202110	324	IP TRAN	65,281.4	SG32M
01	TN	202103	324	IP TRAN	52,509.06	SG32M
01	TN	202105	324	IP TRAN	61,998.21	SG32M
01	TN	202011	324	IP TRAN	47,858.04	SG32M
01	TN	202004	324	IP TRAN	29,425.76	SG32M
01	TN	202111	324	IP TRAN	63,695.2	SG32M

01	TN	202008	324	IP TRAN	80,334.18	SG32M
01	TN	202002	324	IP TRAN	49,292.04	SG32M
01	TN	202106	640	PS	3,183.82	SG32O
01	TN	202109	640	PS	5,475.48	SG32O
01	TN	202107	640	PS	3,381.33	SG32O
01	TN	202101	640	PS	3,596.55	SG32O
01	TN	202004	640	PS	667.13	SG32O
01	TN	202102	640	PS	3,846.13	SG32O
01	TN	202105	640	PS	2,990.86	SG32O
01	TN	202005	640	PS	659.74	SG32O
01	TN	202112	640	PS	4,627.58	SG32O
01	TN	202111	640	PS	3,768.14	SG32O
01	TN	202010	640	PS	2,733.46	SG32O
01	TN	202104	640	PS	2,949.4	SG32O
01	TN	202012	640	PS	3,578.26	SG32O
01	TN	202011	640	PS	3,034.16	SG32O
01	TN	202007	640	PS	3,071.37	SG32O
01	TN	202006	640	PS	1,879.06	SG32O
01	TN	202110	640	PS	3,896.94	SG32O
01	TN	202103	640	PS	3,402.3	SG32O
01	TN	202001	640	PS	1,208.24	SG32O
01	TN	202002	640	PS	1,249.5	SG32O
01	TN	202003	640	PS	1,098.51	SG32O
01	TN	202008	640	PS	3,714.44	SG32O
01	TN	202009	640	PS	4,123.46	SG32O
01	TN	202108	640	PS	4,347.91	SG32O
01	TN	202105	641	PS UNITS	308.7	SG32O
01	TN	202109	641	PS UNITS	753.18	SG32O
01	TN	202106	641	PS UNITS	389.93	SG32O
01	TN	202011	641	PS UNITS	357.44	SG32O
01	TN	202005	641	PS UNITS	65.15	SG32O
01	TN	202007	641	PS UNITS	300.57	SG32O
01	TN	202111	641	PS UNITS	438.49	SG32O
01	TN	202001	641	PS UNITS	144.47	SG32O
01	TN	202110	641	PS UNITS	593.26	SG32O

01	TN	202107	641	PS UNITS	674.26	SG32O
01	TN	202006	641	PS UNITS	156.19	SG32O
01	TN	202012	641	PS UNITS	458.99	SG32O
01	TN	202003	641	PS UNITS	145.89	SG32O
01	TN	202009	641	PS UNITS	519.91	SG32O
01	TN	202112	641	PS UNITS	531.35	SG32O
01	TN	202008	641	PS UNITS	507.73	SG32O
01	TN	202004	641	PS UNITS	69.4	SG32O
01	TN	202010	641	PS UNITS	320.88	SG32O
01	TN	202108	641	PS UNITS	653.03	SG32O
01	TN	202103	641	PS UNITS	410.24	SG32O
01	TN	202102	641	PS UNITS	515.85	SG32O
01	TN	202002	641	PS UNITS	162.88	SG32O
01	TN	202101	641	PS UNITS	519.91	SG32O
01	TN	202104	641	PS UNITS	312.76	SG32O
01	TN	202101	642	PS ALL E	10,333.83	SG32O
01	TN	202004	642	PS ALL E	1,943.99	SG32O
01	TN	202012	642	PS ALL E	14,300.67	SG32O
01	TN	202008	642	PS ALL E	9,350.56	SG32O
01	TN	202010	642	PS ALL E	8,016.25	SG32O
01	TN	202102	642	PS ALL E	15,921.5	SG32O
01	TN	202108	642	PS ALL E	11,861.06	SG32O
01	TN	202104	642	PS ALL E	9,259.63	SG32O
01	TN	202001	642	PS ALL E	3,947.8	SG32O
01	TN	202106	642	PS ALL E	6,957.02	SG32O
01	TN	202009	642	PS ALL E	10,236.72	SG32O
01	TN	202011	642	PS ALL E	6,057.97	SG32O
01	TN	202005	642	PS ALL E	2,013.44	SG32O
01	TN	202003	642	PS ALL E	3,450.97	SG32O
01	TN	202105	642	PS ALL E	8,741.68	SG32O
01	TN	202007	642	PS ALL E	8,044.76	SG32O
01	TN	202112	642	PS ALL E	11,025.08	SG32O
01	TN	202107	642	PS ALL E	6,673.23	SG32O
01	TN	202103	642	PS ALL E	11,008.84	SG32O
01	TN	202002	642	PS ALL E	3,888.54	SG32O

01	TN	202006	642	PS ALL E	4,410.67	SG32O
01	TN	202110	642	PS ALL E	10,184.86	SG32O
01	TN	202111	642	PS ALL E	10,597.49	SG32O
01	TN	202109	642	PS ALL E	12,573.47	SG32O

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KWH TRP MS RIDER - PUBLIC SCHOOLS
KWH TRP MS RIDER - PUBLIC SCHOOLS
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KWH TRP MS RIDER - PUBLIC SCHOOLS

Sum of Sales of ELE Amt Column Labels				
Row Labels	202001	202002	202003	202004
11	2,921	2,727	2,341	1,763
15	5,458,818	5,180,890	4,327,280	3,474,720
18	12,134	11,451	9,920	7,826
30	2,309	2,320	2,182	1,361
51	176	177	146	136
93	514	511	504	506
94	3,513	3,506	3,515	3,539
95	116	116	116	116
97	1,981	1,987	1,965	1,981
103	14	14	14	14
107	1,135	1,127	1,127	1,155
109	588	611	573	622
110	267	271	264	264
111	401	401	401	401
115	123	123	121	121
116	3,780	3,775	3,696	3,728
120	72	72	72	72
122	41	41	41	41
124	22	22	22	22
126	32	32	32	32
208	135,662	136,050	124,530	89,864
209	35,935	36,934	30,348	14,410
221	61,269	63,771	51,920	28,017
229	1,943	1,982	1,577	639
231	133,891	124,864	113,432	96,865
232	11,921	11,375	9,966	8,490
233	1,569	970	1,532	970
235	657,819	623,448	567,453	487,867
237	1,021	966	964	792
240	999,275	946,074	919,795	893,701
242	24,021	22,637	19,829	16,779
244	154,334	149,303	136,657	192,062
322	252,232	234,291	239,521	258,587
324	1,552,073	6,187,078	3,796,863	2,905,813
640	41,597	43,017	37,819	22,968
641	4,974	5,608	5,022	2,389
642	135,913	133,873	118,809	66,927
(blank)				
Grand Total	9,694,405	13,932,413	10,530,369	8,585,560

202005	202006	202007	202008	202009	202010
1,754	2,048	2,651	2,393	2,278	1,372
3,347,030	3,737,079	4,743,173	4,394,980	4,108,404	2,802,649
7,849	8,386	10,139	9,181	8,445	6,225
1,359	1,043	1,144	1,179	1,380	879
121	103	134	125	120	85
506	502	502	499	494	494
3,536	3,533	3,543	3,549	3,526	3,521
116	116	116	116	116	116
1,961	1,961	1,967	2,029	1,970	1,964
14	14	14	14	14	14
1,121	1,116	1,113	1,113	1,116	1,107
520	611	605	633	588	588
267	264	267	277	271	271
403	404	403	403	403	403
119	118	118	120	115	115
3,759	3,722	3,717	3,717	3,775	3,802
72	72	72	72	72	72
41	41	41	41	41	41
22	22	22	22	22	22
32	32	32	32	32	32
92,549	122,060	147,136	137,809	135,830	97,854
13,935	15,907	22,311	21,095	19,499	11,967
28,143	41,438	59,742	56,273	54,415	30,995
800	931	1,263	1,240	270	2,712
93,249	103,216	122,597	116,528	113,974	93,432
8,286	9,222	10,362	9,584	9,629	7,584
970	970	970	970	970	970
478,533	594,592	698,637	670,417	651,744	505,530
613	771	757	819	1,115	-
883,757	976,478	1,080,212	1,056,947	1,040,425	919,997
15,722	17,837	21,962	19,225	18,575	14,807
171,058	120,859	159,379	163,453	146,009	155,735
263,500	268,836	296,970	294,271	287,158	145,359
1,872,290	2,769,231	2,080,100	3,057,167	2,556,033	2,283,476
22,713	27,103	36,872	44,592	49,502	32,815
2,243	2,536	3,608	6,095	6,242	3,852
69,318	71,697	96,813	112,253	122,892	96,235
7,388,283	8,904,868	9,609,462	10,189,230	9,347,461	7,227,091

202011	202012	202101	202102	202103	202104
1,667	3,064	4,112	3,839	2,392	2,088
3,426,293	6,166,374	7,527,316	6,476,591	4,436,437	3,687,765
6,992	10,956	14,018	11,536	8,319	7,067
1,035	1,823	1,890	2,146	2,099	2,345
104	204	407	317	173	160
514	519	524	524	519	516
3,674	3,758	3,754	3,740	3,741	3,774
120	122	122	122	122	122
2,061	2,072	2,069	2,081	2,012	2,081
14	14	14	14	14	14
1,145	1,163	1,172	1,157	1,151	1,163
609	626	626	626	626	626
283	296	299	299	299	303
416	426	428	428	428	429
119	120	120	120	120	121
3,863	3,981	4,053	4,103	4,098	4,287
75	76	76	76	76	76
42	43	45	43	43	43
23	23	23	23	23	23
33	33	33	44	33	33
110,967	155,928	186,176	166,347	127,528	115,885
15,511	35,981	49,929	46,081	27,617	19,545
39,242	65,721	74,589	71,655	50,916	42,394
493	3,472	2,174	2,564	2,200	1,288
102,440	144,785	163,400	144,817	118,490	108,771
8,340	12,041	13,889	13,177	10,424	9,092
1,000	1,652	1,652	1,479	1,021	1,021
550,393	666,741	720,661	669,320	585,102	578,033
819,309	1,040,090	984,233	981,656	870,065	992,582
17,811	26,772	12,357	27,326	28,212	23,849
139,985	161,950	205,837	156,956	187,504	150,812
254,543	268,794	265,307	259,018	342,846	152,560
2,038,428	3,290,751	2,588,375	2,464,649	2,111,260	2,730,072
37,675	45,235	45,466	48,621	43,011	37,285
4,409	5,802	6,573	6,521	5,186	3,954
74,418	180,287	130,637	201,273	139,170	117,057
7,664,046	12,301,697	13,012,357	11,769,291	9,113,281	8,797,237

202105	202106	202107	202108	202109	202110
1,909	2,612	3,027	2,729	2,754	1,925
3,207,403	4,081,389	4,754,278	4,563,329	4,296,677	3,151,077
6,406	7,851	8,712	8,184	7,592	5,697
2,453	2,784	3,133	2,833	2,670	2,224
119	115	143	125	129	112
516	511	503	503	493	493
3,745	3,746	3,755	3,744	3,758	3,771
122	122	122	122	122	122
2,063	2,069	2,075	2,096	2,069	2,072
14	18	18	7	14	14
1,128	1,131	1,146	1,137	1,134	1,140
626	626	626	644	644	644
306	303	299	310	303	327
429	429	447	429	429	429
120	120	120	120	120	120
4,131	4,087	4,075	4,092	4,092	4,087
76	76	76	76	76	76
43	43	43	43	43	43
23	23	23	23	23	23
33	33	33	33	33	33
107,513	132,688	150,903	146,943	142,054	112,738
14,906	20,076	25,094	24,364	22,849	15,319
39,524	55,651	70,388	68,507	62,382	41,954
838	805	1,065	985	1,122	1,147
98,911	116,620	127,185	121,533	119,661	101,752
8,185	9,820	10,698	10,314	10,435	8,869
1,021	1,021	1,021	1,021	1,021	1,021
547,580	672,961	743,120	714,512	707,614	575,084
				967	1,153
920,860	1,012,863	1,144,047	1,031,526	1,110,597	963,790
12,001	23,434	22,221	20,330	19,713	17,130
161,777	126,992	165,232	189,443	157,125	147,712
389,951	297,519	196,418	442,939	308,092	293,754
3,006,512	2,544,015	2,562,521	1,648,849	3,891,773	2,525,860
37,809	40,249	42,746	51,289	54,506	38,788
3,902	4,929	8,524	7,959	7,497	5,905
110,509	87,948	84,361	143,705	127,279	101,376
8,693,465	9,255,681	10,138,199	9,214,799	11,067,867	8,127,782

202111	202112	(blank) Grand Total
2,134	3,468	59,967
3,901,529	5,840,256	107,091,739
6,600	9,204	210,693
2,074	2,011	46,677
120	176	3,727
481	476	12,125
3,732	3,721	87,693
121	109	2,857
2,061	2,031	48,679
14	14	339
1,133	1,129	27,257
636	655	14,777
317	325	6,951
425	423	10,016
120	120	2,873
4,097	3,971	94,489
75	75	1,783
43	42	1,015
23	23	548
33	33	794
111,931	151,398	3,138,342
23,151	40,722	603,486
44,881	66,630	1,270,417
1,657	2,116	35,284
107,895	142,657	2,830,965
9,378	12,696	243,778
1,011	1,004	26,822
549,184	668,883	14,885,229
831	1,144	11,913
877,221	1,019,535	23,485,034
18,308	24,088	484,945
149,557	157,185	3,806,914
275,656	283,172	6,571,292
2,400,076	2,832,526	65,695,790
37,093	45,302	964,074
4,325	5,202	123,257
104,600	107,943	2,735,291
8,642,523	11,430,465	234,637,832

Co Cd	State Cd	Revn Yr/Mo	Tariff Cd	Tariff Cd Desc	Sales of ELE Amt	Eqtn Cd
01	TN	202001	231	SGS FIXED	69,777.37	SK05E
01	TN	202012	115	9500 HPSF	120.12	SK07K
01	TN	202006	237	MGS PRI	177.36	SK05L
01	TN	202111	233	SGS NMTR	498.96	SK05F
01	TN	202105	51	RSW-LM-EM	102.75	SK05A
01	TN	202011	51	RSW-LM-EM	15.86	SK05B
01	TN	202101	244	LGS PRI	47,624.72	SK06N
01	TN	202108	641	PS UNITS	6,889.19	SK05V
01	TN	202007	97	22000 HPS	1,967	SK07D
01	TN	202107	324	IP TRAN	751,360.44	SK06S
01	TN	202108	232	SGS MEAS	4,984.37	SK05E
01	TN	202008	237	MGS PRI	562.33	SK05K
01	TN	202104	641	PS UNITS	1,069.75	SK05U
01	TN	202005	30	RS TOD-ON	462.34	SK05C
01	TN	202005	322	IP PRI	77,189.32	SK06R
01	TN	202105	120	50000HPSB	76.05	SK07M
01	TN	202108	116	28800 MH	4,092.16	SK07L
01	TN	202001	324	IP TRAN	1,118,059.28	SK05S
01	TN	202108	15	RS	4,563,329.41	SK05A
01	TN	202006	640	PS	27,102.9	SK05X
01	TN	202001	110	17000 MH	267.2	SK07I
01	TN	202110	122	16000SVPT	43.26	SK07N
01	TN	202003	240	LGS SEC	202,725.3	SK06M
01	TN	202112	233	SGS NMTR	508.76	SK05E
01	TN	202012	124	50000SVPF	23.4	SK07Q
01	TN	202007	322	IP PRI	87,490.13	SK06R
01	TN	202106	94	9500 HPS	3,746.16	SK07B
01	TN	202108	324	IP TRAN	446,666.24	SK06S
01	TN	202012	324	IP TRAN	1,878,161.87	SK05S
01	TN	202106	120	50000HPSB	76.05	SK07M
01	TN	202109	209	EHG MIN	22,849.06	SK05W
01	TN	202101	208	EHG	186,175.67	SK05W
01	TN	202102	110	17000 MH	299.2	SK07I
01	TN	202108	110	17000 MH	309.76	SK07I

01	TN	202105	229	GS TOD	365.19	SK05J
01	TN	202102	18	RS EMP	11,535.98	SK05A
01	TN	202101	110	17000 MH	299.2	SK07I
01	TN	202011	240	LGS SEC	634,483.02	SK05M
01	TN	202101	115	9500 HPSF	120.12	SK07K
01	TN	202105	209	EHG MIN	14,905.97	SK05W
01	TN	202003	641	PS UNITS	1,015.88	SK05U
01	TN	202009	322	IP PRI	202,471.23	SK05R
01	TN	202012	103	27500SVPT	14.48	SK07F
01	TN	202103	107	22000HPSF	1,151.44	SK07G
01	TN	202102	30	RS TOD-ON	941.33	SK05D
01	TN	202107	208	EHG	150,902.65	SK05W
01	TN	202011	208	EHG	110,966.77	SK05W
01	TN	202101	324	IP TRAN	1,584,020.11	SK05S
01	TN	202101	51	RSW-LM-EM	390.77	SK05A
01	TN	202004	109	50000HPSF	621.6	SK07H
01	TN	202010	109	50000HPSF	588.3	SK07H
01	TN	202008	324	IP TRAN	1,102,859.36	SK06S
01	TN	202005	232	SGS MEAS	3,676.89	SK05F
01	TN	202109	15	RS	4,296,677.29	SK05A
01	TN	202107	111	9500HPSPT	447.48	SK07J
01	TN	202105	116	28800 MH	4,131.08	SK07L
01	TN	202105	109	50000HPSF	625.95	SK07H
01	TN	202001	209	EHG MIN	35,934.7	SK05W
01	TN	202007	233	SGS NMTR	491.29	SK05E
01	TN	202105	242	LGS M SEC	9,243.2	SK05M
01	TN	202105	95	OL 20000	122.32	SK07C
01	TN	202105	244	LGS PRI	114,440.39	SK05N
01	TN	202104	126	36000MHPF	33.36	SK07R
01	TN	202006	231	SGS FIXED	40,297.18	SK05F
01	TN	202102	120	50000HPSB	76.05	SK07M
01	TN	202007	115	9500 HPSF	117.5	SK07K
01	TN	202009	107	22000HPSF	1,115.57	SK07G
01	TN	202001	642	PS ALL E	135,913.02	SK05X
01	TN	202007	107	22000HPSF	1,112.76	SK07G

01	TN	202009	122	16000SVPT	40.95	SK07N
01	TN	202008	94	9500 HPS	3,548.75	SK07B
01	TN	202107	109	50000HPSF	625.95	SK07H
01	TN	202006	11	RS-LMWH	1,723.48	SK05A
01	TN	202011	126	36000MHPF	33.03	SK07R
01	TN	202010	107	22000HPSF	1,107.14	SK07G
01	TN	202102	116	28800 MH	4,103.28	SK07L
01	TN	202004	231	SGS FIXED	35,030.01	SK05F
01	TN	202103	242	LGS M SEC	23,002	SK05M
01	TN	202106	235	MGS SEC	244,034.32	SK05H
01	TN	202103	11	RS-LMWH	2,008.89	SK05A
01	TN	202104	240	LGS SEC	214,079.49	SK06M
01	TN	202001	232	SGS MEAS	6,364	SK05F
01	TN	202107	242	LGS M SEC	18,380.4	SK05M
01	TN	202103	641	PS UNITS	1,069.75	SK05U
01	TN	202006	18	RS EMP	8,386.03	SK05A
01	TN	202103	208	EHG	127,527.9	SK05W
01	TN	202101	111	9500HPSPT	427.68	SK07J
01	TN	202106	116	28800 MH	4,086.6	SK07L
01	TN	202010	120	50000HPSB	72.15	SK07M
01	TN	202106	122	16000SVPT	43.26	SK07N
01	TN	202106	324	IP TRAN	1,829,271.74	SK05S
01	TN	202110	324	IP TRAN	1,783,680.55	SK05S
01	TN	202012	233	SGS NMTR	558.48	SK05E
01	TN	202103	242	LGS M SEC	5,210.39	SK06M
01	TN	202110	209	EHG MIN	15,319.15	SK05W
01	TN	202003	209	EHG MIN	30,348.48	SK05W
01	TN	202006	324	IP TRAN	1,524,992.12	SK05S
01	TN	202104	235	MGS SEC	402,477.14	SK05G
01	TN	202102	15	RS	6,476,590.82	SK05A
01	TN	202011	11	RS-LMWH	326.04	SK05B
01	TN	202007	30	RS TOD-ON	539.92	SK05D
01	TN	202105	208	EHG	107,512.53	SK05W
01	TN	202110	240	LGS SEC	754,932.98	SK05M
01	TN	202106	232	SGS MEAS	4,859.68	SK05F

01	TN	202011	235	MGS SEC	384,824.15	SK05G
01	TN	202003	51	RSW-LM-EM	15.44	SK05B
01	TN	202012	11	RS-LMWH	2,706.09	SK05A
01	TN	202002	640	PS	43,017.04	SK05X
01	TN	202109	110	17000 MH	302.72	SK07I
01	TN	202111	111	9500HPSPT	424.87	SK07J
01	TN	202006	115	9500 HPSF	117.5	SK07K
01	TN	202007	240	LGS SEC	860,995.71	SK05M
01	TN	202108	229	GS TOD	504.19	SK05I
01	TN	202010	221	CS	30,995.04	SK05T
01	TN	202006	103	27500SVPT	13.72	SK07F
01	TN	202002	109	50000HPSF	610.5	SK07H
01	TN	202109	116	28800 MH	4,092.16	SK07L
01	TN	202103	116	28800 MH	4,097.72	SK07L
01	TN	202006	235	MGS SEC	206,222.35	SK05H
01	TN	202001	244	LGS PRI	111,704.74	SK05N
01	TN	202107	641	PS UNITS	7,454.02	SK05V
01	TN	202001	103	27500SVPT	13.72	SK07F
01	TN	202101	18	RS EMP	14,018.13	SK05A
01	TN	202112	322	IP PRI	78,683.26	SK06R
01	TN	202004	242	LGS M SEC	13,284.48	SK05M
01	TN	202005	103	27500SVPT	13.72	SK07F
01	TN	202005	110	17000 MH	267.2	SK07I
01	TN	202009	109	50000HPSF	588.3	SK07H
01	TN	202101	231	SGS FIXED	76,460.83	SK05E
01	TN	202106	115	9500 HPSF	120.12	SK07K
01	TN	202109	244	LGS PRI	114,525.22	SK05N
01	TN	202110	103	27500SVPT	14.48	SK07F
01	TN	202111	240	LGS SEC	684,887.62	SK05M
01	TN	202111	232	SGS MEAS	5,009.7	SK05E
01	TN	202007	229	GS TOD	710.17	SK05I
01	TN	202104	235	MGS SEC	175,556.24	SK05H
01	TN	202107	233	SGS NMTR	517.3	SK05E
01	TN	202107	18	RS EMP	8,712.44	SK05A
01	TN	202002	235	MGS SEC	203,071.34	SK05H

01	TN	202008	322	IP PRI	209,676.87	SK05R
01	TN	202102	111	9500HPSPT	427.68	SK07J
01	TN	202002	229	GS TOD	1,000.02	SK05J
01	TN	202110	232	SGS MEAS	4,621.65	SK05E
01	TN	202011	229	GS TOD	20.45	SK05J
01	TN	202011	244	LGS PRI	40,028.76	SK06N
01	TN	202010	30	RS TOD-ON	359	SK05C
01	TN	202108	242	LGS M SEC	16,514.8	SK05M
01	TN	202004	231	SGS FIXED	61,835.26	SK05E
01	TN	202102	122	16000SVPT	43.26	SK07N
01	TN	202001	124	50000SVPF	22.2	SK07Q
01	TN	202106	233	SGS NMTR	503.61	SK05F
01	TN	202103	103	27500SVPT	14.48	SK07F
01	TN	202009	103	27500SVPT	13.72	SK07F
01	TN	202006	30	RS TOD-ON	541.04	SK05D
01	TN	202106	322	IP PRI	91,722.85	SK06R
01	TN	202006	242	LGS M SEC	3,566.4	SK06M
01	TN	202107	235	MGS SEC	449,379.38	SK05G
01	TN	202001	235	MGS SEC	224,175.24	SK05H
01	TN	202006	11	RS-LMWH	324.24	SK05B
01	TN	202006	95	OL 20000	116.16	SK07C
01	TN	202002	221	CS	63,771.22	SK05T
01	TN	202011	30	RS TOD-ON	378	SK05C
01	TN	202001	109	50000HPSF	588.3	SK07H
01	TN	202107	232	SGS MEAS	5,081.9	SK05E
01	TN	202008	244	LGS PRI	47,601.6	SK06N
01	TN	202103	641	PS UNITS	4,116.4	SK05V
01	TN	202009	97	22000 HPS	1,969.81	SK07D
01	TN	202105	93	OL 7000	516.12	SK07A
01	TN	202107	231	SGS FIXED	57,193.36	SK05F
01	TN	202006	111	9500HPSPT	403.75	SK07J
01	TN	202102	51	RSW-LM-EM	16.25	SK05B
01	TN	202008	640	PS	44,591.63	SK05X
01	TN	202105	322	IP PRI	117,180.4	SK06R
01	TN	202007	120	50000HPSB	72.15	SK07M

01	TN	202106	233	SGS NMTR	517.3	SK05E
01	TN	202105	229	GS TOD	473.2	SK05I
01	TN	202010	51	RSW-LM-EM	15.44	SK05B
01	TN	202107	15	RS	4,754,277.84	SK05A
01	TN	202101	11	RS-LMWH	3,735.69	SK05A
01	TN	202003	93	OL 7000	504	SK07A
01	TN	202012	242	LGS M SEC	5,211.8	SK06M
01	TN	202105	242	LGS M SEC	2,757.7	SK06M
01	TN	202008	51	RSW-LM-EM	109.08	SK05A
01	TN	202106	229	GS TOD	401.65	SK05I
01	TN	202102	244	LGS PRI	118,335.07	SK05N
01	TN	202010	110	17000 MH	270.54	SK07I
01	TN	202001	111	9500HPSPT	401.25	SK07J
01	TN	202001	51	RSW-LM-EM	160.96	SK05A
01	TN	202003	244	LGS PRI	99,514.3	SK05N
01	TN	202104	30	RS TOD-ON	1,314.99	SK05C
01	TN	202112	30	RS TOD-ON	902.07	SK05D
01	TN	202103	97	22000 HPS	2,012.35	SK07D
01	TN	202006	324	IP TRAN	1,244,239.04	SK06S
01	TN	202112	115	9500 HPSF	119.6	SK07K
01	TN	202006	51	RSW-LM-EM	87.52	SK05A
01	TN	202111	126	36000MHPF	32.93	SK07R
01	TN	202102	97	22000 HPS	2,080.88	SK07D
01	TN	202107	232	SGS MEAS	5,616.1	SK05F
01	TN	202108	233	SGS NMTR	517.3	SK05E
01	TN	202005	15	RS	3,347,030.21	SK05A
01	TN	202002	97	22000 HPS	1,986.67	SK07D
01	TN	202103	93	OL 7000	518.65	SK07A
01	TN	202102	107	22000HPSF	1,157.36	SK07G
01	TN	202109	231	SGS FIXED	69,758.22	SK05E
01	TN	202002	231	SGS FIXED	67,364.16	SK05E
01	TN	202108	115	9500 HPSF	120.12	SK07K
01	TN	202012	51	RSW-LM-EM	187.97	SK05A
01	TN	202102	11	RS-LMWH	390	SK05B
01	TN	202012	18	RS EMP	10,956.46	SK05A

01	TN	202101	126	36000MHPF	33.36	SK07R
01	TN	202001	324	IP TRAN	434,013.6	SK06S
01	TN	202005	209	EHG MIN	13,935.18	SK05W
01	TN	202108	209	EHG MIN	24,364.01	SK05W
01	TN	202003	229	GS TOD	1,034.25	SK05I
01	TN	202109	30	RS TOD-ON	1,217.44	SK05D
01	TN	202010	126	36000MHPF	31.68	SK07R
01	TN	202012	232	SGS MEAS	5,538.92	SK05E
01	TN	202012	244	LGS PRI	38,776.73	SK06N
01	TN	202010	111	9500HPSPT	402.5	SK07J
01	TN	202009	233	SGS NMTR	478.22	SK05F
01	TN	202112	641	PS UNITS	4,149.58	SK05V
01	TN	202107	126	36000MHPF	33.36	SK07R
01	TN	202002	208	EHG	136,049.97	SK05W
01	TN	202011	231	SGS FIXED	64,661.4	SK05E
01	TN	202102	233	SGS NMTR	558.48	SK05E
01	TN	202101	242	LGS M SEC	10,070	SK05M
01	TN	202101	240	LGS SEC	785,401.58	SK05M
01	TN	202005	244	LGS PRI	101,956.95	SK05N
01	TN	202003	221	CS	51,920.29	SK05T
01	TN	202101	30	RS TOD-ON	731.01	SK05C
01	TN	202108	322	IP PRI	129,882.15	SK06R
01	TN	202106	231	SGS FIXED	48,877.49	SK05F
01	TN	202004	15	RS	3,474,719.68	SK05A
01	TN	202010	51	RSW-LM-EM	69.42	SK05A
01	TN	202006	122	16000SVPT	40.95	SK07N
01	TN	202112	30	RS TOD-ON	1,108.91	SK05C
01	TN	202111	322	IP PRI	81,527.47	SK06R
01	TN	202110	93	OL 7000	493.35	SK07A
01	TN	202007	51	RSW-LM-EM	118.33	SK05A
01	TN	202107	11	RS-LMWH	2,606.27	SK05A
01	TN	202106	103	27500SVPT	18.1	SK07F
01	TN	202112	116	28800 MH	3,971.22	SK07L
01	TN	202111	51	RSW-LM-EM	104.17	SK05A
01	TN	202009	15	RS	4,108,404.37	SK05A

01	TN	202002	18	RS EMP	11,450.77	SK05A
01	TN	202012	97	22000 HPS	2,071.96	SK07D
01	TN	202104	97	22000 HPS	2,080.88	SK07D
01	TN	202004	97	22000 HPS	1,981.05	SK07D
01	TN	202102	94	9500 HPS	3,739.56	SK07B
01	TN	202007	229	GS TOD	552.49	SK05J
01	TN	202005	120	50000HPSB	72.15	SK07M
01	TN	202009	231	SGS FIXED	48,021.69	SK05F
01	TN	202106	221	CS	55,650.97	SK05T
01	TN	202012	30	RS TOD-ON	1,258.2	SK05D
01	TN	202103	109	50000HPSF	625.95	SK07H
01	TN	202106	109	50000HPSF	625.95	SK07H
01	TN	202104	209	EHG MIN	19,545.1	SK05W
01	TN	202104	110	17000 MH	302.72	SK07I
01	TN	202111	93	OL 7000	480.9	SK07A
01	TN	202010	231	SGS FIXED	33,592.49	SK05F
01	TN	202010	232	SGS MEAS	4,188.99	SK05E
01	TN	202010	242	LGS M SEC	11,633.98	SK05M
01	TN	202008	209	EHG MIN	21,094.77	SK05W
01	TN	202008	641	PS UNITS	5,079.38	SK05V
01	TN	202102	30	RS TOD-ON	1,204.83	SK05C
01	TN	202007	232	SGS MEAS	5,575.98	SK05F
01	TN	202011	235	MGS SEC	165,568.64	SK05H
01	TN	202001	641	PS UNITS	3,957.85	SK05V
01	TN	202112	103	27500SVPT	14.24	SK07F
01	TN	202102	232	SGS MEAS	5,549.06	SK05E
01	TN	202107	115	9500 HPSF	120.12	SK07K
01	TN	202101	233	SGS NMTR	558.48	SK05E
01	TN	202112	242	LGS M SEC	4,511.88	SK06M
01	TN	202110	30	RS TOD-ON	1,240.7	SK05C
01	TN	202002	110	17000 MH	270.54	SK07I
01	TN	202002	111	9500HPSPT	401.25	SK07J
01	TN	202002	107	22000HPSF	1,126.81	SK07G
01	TN	202103	51	RSW-LM-EM	156.8	SK05A
01	TN	202004	11	RS-LMWH	1,453.94	SK05A

01	TN	202112	237	MGS PRI	377.62	SK05L
01	TN	202010	95	OL 20000	116.16	SK07C
01	TN	202104	95	OL 20000	122.32	SK07C
01	TN	202006	244	LGS PRI	19,142.4	SK06N
01	TN	202106	642	PS ALL E	87,948.17	SK05X
01	TN	202105	122	16000SVPT	43.26	SK07N
01	TN	202009	51	RSW-LM-EM	15.44	SK05B
01	TN	202003	103	27500SVPT	13.72	SK07F
01	TN	202110	115	9500 HPSF	120.12	SK07K
01	TN	202101	232	SGS MEAS	5,614.36	SK05E
01	TN	202108	51	RSW-LM-EM	108.51	SK05A
01	TN	202103	235	MGS SEC	417,552.7	SK05G
01	TN	202006	244	LGS PRI	101,716.11	SK05N
01	TN	202011	244	LGS PRI	99,956.02	SK05N
01	TN	202010	103	27500SVPT	13.72	SK07F
01	TN	202109	103	27500SVPT	14.48	SK07F
01	TN	202003	30	RS TOD-ON	1,194.36	SK05C
01	TN	202012	642	PS ALL E	180,286.93	SK05X
01	TN	202001	94	9500 HPS	3,512.54	SK07B
01	TN	202005	94	9500 HPS	3,536.25	SK07B
01	TN	202105	231	SGS FIXED	63,550.49	SK05E
01	TN	202105	124	50000SVPF	23.4	SK07Q
01	TN	202001	640	PS	41,597.14	SK05X
01	TN	202010	115	9500 HPSF	115	SK07K
01	TN	202012	231	SGS FIXED	69,399.9	SK05F
01	TN	202006	124	50000SVPF	22.2	SK07Q
01	TN	202006	221	CS	41,438.26	SK05T
01	TN	202010	641	PS UNITS	1,015.88	SK05U
01	TN	202103	322	IP PRI	106,683.89	SK06R
01	TN	202012	122	16000SVPT	43.26	SK07N
01	TN	202110	233	SGS NMTR	517.3	SK05E
01	TN	202108	240	LGS SEC	812,726.19	SK05M
01	TN	202002	120	50000HPSB	72.15	SK07M
01	TN	202002	11	RS-LMWH	308.8	SK05B
01	TN	202110	126	36000MHPF	33.36	SK07R

01	TN	202111	107	22000HPSF	1,132.64	SK07G
01	TN	202002	115	9500 HPSF	122.5	SK07K
01	TN	202105	18	RS EMP	6,406.02	SK05A
01	TN	202007	30	RS TOD-ON	604.17	SK05C
01	TN	202101	322	IP PRI	71,216.28	SK06R
01	TN	202005	324	IP TRAN	1,219,479.09	SK05S
01	TN	202109	51	RSW-LM-EM	112.66	SK05A
01	TN	202009	11	RS-LMWH	334.06	SK05B
01	TN	202010	237	MGS PRI	0	SK05L
01	TN	202008	641	PS UNITS	1,015.88	SK05U
01	TN	202109	18	RS EMP	7,591.69	SK05A
01	TN	202112	229	GS TOD	1,069.91	SK05J
01	TN	202011	122	16000SVPT	42.4	SK07N
01	TN	202011	209	EHG MIN	15,510.94	SK05W
01	TN	202106	15	RS	4,081,389.46	SK05A
01	TN	202104	221	CS	42,393.88	SK05T
01	TN	202005	237	MGS PRI	406.22	SK05K
01	TN	202005	235	MGS SEC	336,131.93	SK05G
01	TN	202109	233	SGS NMTR	517.3	SK05E
01	TN	202102	221	CS	71,655.28	SK05T
01	TN	202105	232	SGS MEAS	4,572.46	SK05E
01	TN	202004	324	IP TRAN	1,737,189.77	SK05S
01	TN	202009	124	50000SVPF	22.2	SK07Q
01	TN	202007	122	16000SVPT	40.95	SK07N
01	TN	202103	640	PS	43,010.55	SK05X
01	TN	202102	640	PS	48,621.26	SK05X
01	TN	202009	110	17000 MH	270.54	SK07I
01	TN	202009	324	IP TRAN	1,599,824.62	SK05S
01	TN	202104	324	IP TRAN	910,721.83	SK06S
01	TN	202009	231	SGS FIXED	65,951.82	SK05E
01	TN	202003	231	SGS FIXED	65,661.47	SK05E
01	TN	202010	233	SGS NMTR	478.22	SK05F
01	TN	202111	110	17000 MH	316.7	SK07I
01	TN	202005	122	16000SVPT	40.95	SK07N
01	TN	202005	229	GS TOD	425.23	SK05I

01	TN	202005	640	PS	22,713.25	SK05X
01	TN	202011	30	RS TOD-ON	656.69	SK05D
01	TN	202106	231	SGS FIXED	67,742.82	SK05E
01	TN	202008	109	50000HPSF	632.7	SK07H
01	TN	202012	240	LGS SEC	826,965.39	SK05M
01	TN	202108	233	SGS NMTR	503.61	SK05F
01	TN	202005	242	LGS M SEC	3,182.4	SK06M
01	TN	202111	30	RS TOD-ON	972.38	SK05D
01	TN	202004	322	IP PRI	75,535.85	SK06R
01	TN	202009	232	SGS MEAS	4,813.73	SK05E
01	TN	202002	242	LGS M SEC	4,924.8	SK06M
01	TN	202004	240	LGS SEC	198,609.6	SK06M
01	TN	202009	237	MGS PRI	459.5	SK05L
01	TN	202011	324	IP TRAN	687,759.97	SK06S
01	TN	202102	229	GS TOD	1,254.12	SK05J
01	TN	202004	229	GS TOD	469.93	SK05J
01	TN	202110	51	RSW-LM-EM	16.25	SK05B
01	TN	202001	233	SGS NMTR	1,038.55	SK05F
01	TN	202009	11	RS-LMWH	1,943.57	SK05A
01	TN	202109	235	MGS SEC	261,171.9	SK05H
01	TN	202006	110	17000 MH	263.86	SK07I
01	TN	202008	229	GS TOD	502.39	SK05J
01	TN	202009	244	LGS PRI	42,139.2	SK06N
01	TN	202111	244	LGS PRI	109,891.3	SK05N
01	TN	202108	208	EHG	146,943.04	SK05W
01	TN	202101	231	SGS FIXED	86,939.39	SK05F
01	TN	202103	229	GS TOD	1,224.02	SK05I
01	TN	202008	124	50000SVPF	22.2	SK07Q
01	TN	202104	18	RS EMP	7,066.56	SK05A
01	TN	202112	229	GS TOD	1,046.34	SK05I
01	TN	202111	642	PS ALL E	104,599.5	SK05X
01	TN	202009	208	EHG	135,829.75	SK05W
01	TN	202011	111	9500HPSPT	416.46	SK07J
01	TN	202107	229	GS TOD	521.21	SK05I
01	TN	202104	124	50000SVPF	23.4	SK07Q

01	TN	202102	11	RS-LMWH	3,449.48	SK05A
01	TN	202007	111	9500HPSPT	402.5	SK07J
01	TN	202003	232	SGS MEAS	4,664.15	SK05F
01	TN	202108	232	SGS MEAS	5,329.17	SK05F
01	TN	202007	235	MGS SEC	280,084.69	SK05H
01	TN	202110	322	IP PRI	204,777.24	SK05R
01	TN	202102	324	IP TRAN	1,461,875.06	SK05S
01	TN	202109	237	MGS PRI	340.71	SK05L
01	TN	202010	209	EHG MIN	11,967.02	SK05W
01	TN	202012	229	GS TOD	2,406.54	SK05J
01	TN	202007	11	RS-LMWH	329.24	SK05B
01	TN	202009	244	LGS PRI	103,869.55	SK05N
01	TN	202103	244	LGS PRI	50,480.18	SK06N
01	TN	202109	221	CS	62,382.18	SK05T
01	TN	202109	111	9500HPSPT	429	SK07J
01	TN	202004	94	9500 HPS	3,538.75	SK07B
01	TN	202111	122	16000SVPT	42.72	SK07N
01	TN	202006	242	LGS M SEC	14,270.76	SK05M
01	TN	202109	124	50000SVPF	23.4	SK07Q
01	TN	202009	120	50000HPSB	72.15	SK07M
01	TN	202107	93	OL 7000	503.47	SK07A
01	TN	202001	232	SGS MEAS	5,557.29	SK05E
01	TN	202101	240	LGS SEC	198,831.72	SK06M
01	TN	202005	244	LGS PRI	69,100.8	SK06N
01	TN	202104	642	PS ALL E	117,056.67	SK05X
01	TN	202107	97	22000 HPS	2,074.96	SK07D
01	TN	202008	107	22000HPSF	1,112.76	SK07G
01	TN	202105	107	22000HPSF	1,127.76	SK07G
01	TN	202102	233	SGS NMTR	920.74	SK05F
01	TN	202011	641	PS UNITS	1,043.68	SK05U
01	TN	202001	18	RS EMP	12,134.32	SK05A
01	TN	202002	242	LGS M SEC	17,712.64	SK05M
01	TN	202101	116	28800 MH	4,053.24	SK07L
01	TN	202004	30	RS TOD-ON	953.64	SK05D
01	TN	202006	107	22000HPSF	1,115.57	SK07G

01	TN	202101	229	GS TOD	995.14	SK05I
01	TN	202005	124	50000SVPF	22.2	SK07Q
01	TN	202011	233	SGS NMTR	507.61	SK05E
01	TN	202101	641	PS UNITS	1,069.75	SK05U
01	TN	202108	640	PS	51,289.04	SK05X
01	TN	202103	111	9500HPSPT	427.68	SK07J
01	TN	202107	229	GS TOD	543.35	SK05J
01	TN	202003	240	LGS SEC	717,069.58	SK05M
01	TN	202004	93	OL 7000	506.4	SK07A
01	TN	202112	107	22000HPSF	1,129.08	SK07G
01	TN	202109	107	22000HPSF	1,133.68	SK07G
01	TN	202004	324	IP TRAN	1,168,623.04	SK06S
01	TN	202009	209	EHG MIN	19,498.64	SK05W
01	TN	202109	237	MGS PRI	626.4	SK05K
01	TN	202005	11	RS-LMWH	324.24	SK05B
01	TN	202112	235	MGS SEC	244,849.23	SK05H
01	TN	202108	95	OL 20000	122.32	SK07C
01	TN	202102	124	50000SVPF	23.4	SK07Q
01	TN	202007	18	RS EMP	10,139.31	SK05A
01	TN	202002	122	16000SVPT	40.95	SK07N
01	TN	202102	240	LGS SEC	207,767.53	SK06M
01	TN	202104	232	SGS MEAS	4,192.51	SK05F
01	TN	202110	233	SGS NMTR	503.61	SK05F
01	TN	202004	51	RSW-LM-EM	120.5	SK05A
01	TN	202106	95	OL 20000	122.32	SK07C
01	TN	202003	641	PS UNITS	4,006.61	SK05V
01	TN	202110	640	PS	38,788.29	SK05X
01	TN	202106	30	RS TOD-ON	1,485.31	SK05C
01	TN	202003	30	RS TOD-ON	987.65	SK05D
01	TN	202003	642	PS ALL E	118,809.11	SK05X
01	TN	202105	235	MGS SEC	392,229.73	SK05G
01	TN	202008	51	RSW-LM-EM	15.44	SK05B
01	TN	202107	30	RS TOD-ON	1,719.92	SK05C
01	TN	202010	208	EHG	97,853.61	SK05W
01	TN	202006	93	OL 7000	501.6	SK07A

01	TN	202009	116	28800 MH	3,775.2	SK07L
01	TN	202112	109	50000HPSF	655.43	SK07H
01	TN	202108	324	IP TRAN	1,202,182.37	SK05S
01	TN	202110	111	9500HPSPT	429	SK07J
01	TN	202108	231	SGS FIXED	52,114.83	SK05F
01	TN	202008	231	SGS FIXED	50,762.13	SK05F
01	TN	202110	235	MGS SEC	182,204.74	SK05H
01	TN	202106	51	RSW-LM-EM	98.6	SK05A
01	TN	202007	51	RSW-LM-EM	15.44	SK05B
01	TN	202109	244	LGS PRI	42,600.14	SK06N
01	TN	202108	641	PS UNITS	1,069.75	SK05U
01	TN	202001	229	GS TOD	1,026.34	SK05J
01	TN	202003	124	50000SVPF	22.2	SK07Q
01	TN	202110	97	22000 HPS	2,072	SK07D
01	TN	202011	107	22000HPSF	1,144.8	SK07G
01	TN	202006	231	SGS FIXED	62,918.91	SK05E
01	TN	202111	240	LGS SEC	192,333.09	SK06M
01	TN	202108	11	RS-LMWH	2,335.98	SK05A
01	TN	202012	235	MGS SEC	431,873.52	SK05G
01	TN	202010	244	LGS PRI	44,030.4	SK06N
01	TN	202011	640	PS	37,674.85	SK05X
01	TN	202107	322	IP PRI	140,357.57	SK05R
01	TN	202007	126	36000MHPF	31.68	SK07R
01	TN	202001	51	RSW-LM-EM	15.44	SK05B
01	TN	202004	51	RSW-LM-EM	15.44	SK05B
01	TN	202103	11	RS-LMWH	382.98	SK05B
01	TN	202112	208	EHG	151,398.49	SK05W
01	TN	202010	240	LGS SEC	717,392.91	SK05M
01	TN	202108	244	LGS PRI	50,260.98	SK06N
01	TN	202105	244	LGS PRI	47,336.3	SK06N
01	TN	202008	221	CS	56,272.97	SK05T
01	TN	202008	116	28800 MH	3,717.12	SK07L
01	TN	202104	122	16000SVPT	43.26	SK07N
01	TN	202012	209	EHG MIN	35,980.83	SK05W
01	TN	202004	229	GS TOD	169.56	SK05I

01	TN	202103	51	RSW-LM-EM	16.25	SK05B
01	TN	202109	122	16000SVPT	43.26	SK07N
01	TN	202103	324	IP TRAN	1,352,147.86	SK05S
01	TN	202109	240	LGS SEC	227,113.04	SK06M
01	TN	202005	95	OL 20000	116.16	SK07C
01	TN	202001	11	RS-LMWH	2,612.13	SK05A
01	TN	202108	242	LGS M SEC	3,815.24	SK06M
01	TN	202006	641	PS UNITS	1,015.88	SK05U
01	TN	202008	208	EHG	137,808.6	SK05W
01	TN	202001	97	22000 HPS	1,981.05	SK07D
01	TN	202108	94	9500 HPS	3,743.52	SK07B
01	TN	202112	231	SGS FIXED	73,758.53	SK05E
01	TN	202003	640	PS	37,819.48	SK05X
01	TN	202004	642	PS ALL E	66,927.14	SK05X
01	TN	202109	208	EHG	142,054.24	SK05W
01	TN	202112	120	50000HPSB	74.75	SK07M
01	TN	202012	109	50000HPSF	625.98	SK07H
01	TN	202009	240	LGS SEC	825,265.09	SK05M
01	TN	202101	232	SGS MEAS	8,274.3	SK05F
01	TN	202011	15	RS	3,426,293.39	SK05A
01	TN	202104	15	RS	3,687,764.75	SK05A
01	TN	202111	242	LGS M SEC	4,078.61	SK06M
01	TN	202003	242	LGS M SEC	15,196.64	SK05M
01	TN	202008	103	27500SVPT	13.72	SK07F
01	TN	202107	107	22000HPSF	1,145.52	SK07G
01	TN	202001	233	SGS NMTR	530.39	SK05E
01	TN	202012	51	RSW-LM-EM	16.25	SK05B
01	TN	202001	11	RS-LMWH	308.8	SK05B
01	TN	202007	221	CS	59,742.35	SK05T
01	TN	202103	322	IP PRI	236,161.62	SK05R
01	TN	202110	208	EHG	112,737.87	SK05W
01	TN	202005	93	OL 7000	506.4	SK07A
01	TN	202104	120	50000HPSB	76.05	SK07M
01	TN	202110	231	SGS FIXED	37,226.76	SK05F
01	TN	202111	209	EHG MIN	23,151.14	SK05W

01	TN	202008	126	36000MHPF	31.68	SK07R
01	TN	202105	642	PS ALL E	110,508.96	SK05X
01	TN	202003	107	22000HPSF	1,126.81	SK07G
01	TN	202009	94	9500 HPS	3,526.25	SK07B
01	TN	202002	324	IP TRAN	1,957,598.16	SK06S
01	TN	202111	15	RS	3,901,528.86	SK05A
01	TN	202008	15	RS	4,394,980.38	SK05A
01	TN	202003	208	EHG	124,529.95	SK05W
01	TN	202002	51	RSW-LM-EM	15.44	SK05B
01	TN	202110	11	RS-LMWH	395.98	SK05B
01	TN	202110	124	50000SVPF	23.4	SK07Q
01	TN	202102	642	PS ALL E	201,273.33	SK05X
01	TN	202112	642	PS ALL E	107,943.34	SK05X
01	TN	202007	93	OL 7000	501.6	SK07A
01	TN	202110	107	22000HPSF	1,139.6	SK07G
01	TN	202001	122	16000SVPT	40.95	SK07N
01	TN	202004	221	CS	28,016.98	SK05T
01	TN	202002	30	RS TOD-ON	1,114.28	SK05D
01	TN	202009	126	36000MHPF	31.68	SK07R
01	TN	202105	97	22000 HPS	2,063.12	SK07D
01	TN	202104	233	SGS NMTR	503.61	SK05F
01	TN	202105	233	SGS NMTR	517.3	SK05E
01	TN	202104	240	LGS SEC	778,502.41	SK05M
01	TN	202008	235	MGS SEC	256,064.17	SK05H
01	TN	202012	244	LGS PRI	123,173.27	SK05N
01	TN	202007	103	27500SVPT	13.72	SK07F
01	TN	202109	642	PS ALL E	127,279.02	SK05X
01	TN	202005	641	PS UNITS	1,227.18	SK05V
01	TN	202101	97	22000 HPS	2,069.04	SK07D
01	TN	202005	116	28800 MH	3,759.36	SK07L
01	TN	202108	221	CS	68,506.88	SK05T
01	TN	202011	322	IP PRI	82,724.31	SK06R
01	TN	202112	93	OL 7000	475.59	SK07A
01	TN	202003	111	9500HPSPT	401.25	SK07J
01	TN	202004	322	IP PRI	183,050.66	SK05R

01	TN	202101	107	22000HPSF	1,172.16	SK07G
01	TN	202108	107	22000HPSF	1,136.64	SK07G
01	TN	202108	111	9500HPSPT	429	SK07J
01	TN	202001	237	MGS PRI	464.26	SK05K
01	TN	202003	11	RS-LMWH	2,032.57	SK05A
01	TN	202112	640	PS	45,302.14	SK05X
01	TN	202104	324	IP TRAN	1,819,349.74	SK05S
01	TN	202009	240	LGS SEC	215,160	SK06M
01	TN	202102	208	EHG	166,346.7	SK05W
01	TN	202010	229	GS TOD	1,138.39	SK05J
01	TN	202011	322	IP PRI	171,818.71	SK05R
01	TN	202105	641	PS UNITS	1,069.75	SK05U
01	TN	202002	324	IP TRAN	4,229,479.93	SK05S
01	TN	202003	116	28800 MH	3,696	SK07L
01	TN	202006	235	MGS SEC	388,369.72	SK05G
01	TN	202008	11	RS-LMWH	2,060.54	SK05A
01	TN	202112	110	17000 MH	325.24	SK07I
01	TN	202006	120	50000HPSB	72.15	SK07M
01	TN	202007	124	50000SVPF	22.2	SK07Q
01	TN	202103	233	SGS NMTR	503.61	SK05F
01	TN	202009	641	PS UNITS	5,225.66	SK05V
01	TN	202107	322	IP PRI	56,060.66	SK06R
01	TN	202005	231	SGS FIXED	32,486.09	SK05F
01	TN	202104	233	SGS NMTR	517.3	SK05E
01	TN	202006	209	EHG MIN	15,906.95	SK05W
01	TN	202103	209	EHG MIN	27,617.24	SK05W
01	TN	202005	51	RSW-LM-EM	15.44	SK05B
01	TN	202105	11	RS-LMWH	1,500.36	SK05A
01	TN	202111	221	CS	44,881.18	SK05T
01	TN	202112	232	SGS MEAS	7,097.43	SK05F
01	TN	202107	242	LGS M SEC	3,840.54	SK06M
01	TN	202006	229	GS TOD	551.25	SK05I
01	TN	202002	15	RS	5,180,889.96	SK05A
01	TN	202111	322	IP PRI	194,128.34	SK05R
01	TN	202106	208	EHG	132,688.26	SK05W

01	TN	202107	240	LGS SEC	918,120.17	SK05M
01	TN	202108	235	MGS SEC	260,640.75	SK05H
01	TN	202107	51	RSW-LM-EM	126.73	SK05A
01	TN	202102	103	27500SVPT	14.48	SK07F
01	TN	202112	18	RS EMP	9,204.2	SK05A
01	TN	202105	30	RS TOD-ON	1,148.08	SK05D
01	TN	202002	322	IP PRI	162,832.15	SK05R
01	TN	202005	111	9500HPSPT	402.5	SK07J
01	TN	202007	116	28800 MH	3,717.12	SK07L
01	TN	202007	231	SGS FIXED	66,894.02	SK05E
01	TN	202104	115	9500 HPSF	121.44	SK07K
01	TN	202102	51	RSW-LM-EM	300.55	SK05A
01	TN	202008	120	50000HPSB	72.15	SK07M
01	TN	202103	231	SGS FIXED	68,430.1	SK05E
01	TN	202102	235	MGS SEC	226,027.46	SK05H
01	TN	202011	95	OL 20000	119.74	SK07C
01	TN	202012	11	RS-LMWH	357.5	SK05B
01	TN	202112	11	RS-LMWH	3,049.21	SK05A
01	TN	202106	124	50000SVPF	23.4	SK07Q
01	TN	202103	244	LGS PRI	137,024.2	SK05N
01	TN	202109	11	RS-LMWH	2,359.25	SK05A
01	TN	202104	244	LGS PRI	115,857.87	SK05N
01	TN	202005	221	CS	28,143.24	SK05T
01	TN	202005	30	RS TOD-ON	896.77	SK05D
01	TN	202001	322	IP PRI	71,735.95	SK06R
01	TN	202012	110	17000 MH	295.68	SK07I
01	TN	202010	242	LGS M SEC	3,172.8	SK06M
01	TN	202009	237	MGS PRI	655.19	SK05K
01	TN	202107	30	RS TOD-ON	1,412.87	SK05D
01	TN	202109	120	50000HPSB	76.05	SK07M
01	TN	202108	235	MGS SEC	453,871.21	SK05G
01	TN	202109	109	50000HPSF	643.5	SK07H
01	TN	202008	233	SGS NMTR	478.22	SK05F
01	TN	202004	237	MGS PRI	478.76	SK05K
01	TN	202007	322	IP PRI	209,479.4	SK05R

01	TN	202106	93	OL 7000	511.06	SK07A
01	TN	202101	235	MGS SEC	438,863.45	SK05G
01	TN	202112	124	50000SVPF	23	SK07Q
01	TN	202101	221	CS	74,588.75	SK05T
01	TN	202001	115	9500 HPSF	122.5	SK07K
01	TN	202112	221	CS	66,629.79	SK05T
01	TN	202111	640	PS	37,092.71	SK05X
01	TN	202006	208	EHG	122,060.24	SK05W
01	TN	202010	324	IP TRAN	918,267.36	SK06S
01	TN	202009	232	SGS MEAS	4,815.59	SK05F
01	TN	202111	11	RS-LMWH	381.91	SK05B
01	TN	202112	95	OL 20000	109.4	SK07C
01	TN	202010	641	PS UNITS	2,836.32	SK05V
01	TN	202102	641	PS UNITS	5,451.45	SK05V
01	TN	202003	322	IP PRI	164,939.84	SK05R
01	TN	202001	116	28800 MH	3,780.48	SK07L
01	TN	202003	229	GS TOD	543.04	SK05J
01	TN	202101	322	IP PRI	194,090.85	SK05R
01	TN	202003	231	SGS FIXED	47,770.59	SK05F
01	TN	202111	109	50000HPSF	636.14	SK07H
01	TN	202104	244	LGS PRI	34,954.48	SK06N
01	TN	202006	126	36000MHPPF	31.68	SK07R
01	TN	202105	115	9500 HPSF	120.12	SK07K
01	TN	202109	97	22000 HPS	2,069.04	SK07D
01	TN	202103	232	SGS MEAS	5,182.03	SK05F
01	TN	202112	209	EHG MIN	40,722.33	SK05W
01	TN	202007	641	PS UNITS	1,015.88	SK05U
01	TN	202011	240	LGS SEC	184,826.44	SK06M
01	TN	202111	235	MGS SEC	391,090.78	SK05G
01	TN	202007	235	MGS SEC	418,552.38	SK05G
01	TN	202010	11	RS-LMWH	324.24	SK05B
01	TN	202108	103	27500SVPT	7.24	SK07F
01	TN	202002	322	IP PRI	71,458.66	SK06R
01	TN	202112	97	22000 HPS	2,031.17	SK07D
01	TN	202005	324	IP TRAN	652,810.72	SK06S

01	TN	202106	242	LGS M SEC	18,571.2	SK05M
01	TN	202104	51	RSW-LM-EM	144.18	SK05A
01	TN	202009	30	RS TOD-ON	519.17	SK05C
01	TN	202012	94	9500 HPS	3,757.98	SK07B
01	TN	202110	109	50000HPSF	643.5	SK07H
01	TN	202007	324	IP TRAN	1,291,558.09	SK05S
01	TN	202101	209	EHG MIN	49,928.55	SK05W
01	TN	202106	244	LGS PRI	89,446.71	SK05N
01	TN	202010	642	PS ALL E	96,234.89	SK05X
01	TN	202010	93	OL 7000	494.4	SK07A
01	TN	202008	324	IP TRAN	1,954,308.04	SK05S
01	TN	202007	15	RS	4,743,173.33	SK05A
01	TN	202112	235	MGS SEC	424,033.7	SK05G
01	TN	202002	51	RSW-LM-EM	161.93	SK05A
01	TN	202105	126	36000MHPF	33.36	SK07R
01	TN	202005	237	MGS PRI	206.92	SK05L
01	TN	202101	324	IP TRAN	1,004,354.99	SK06S
01	TN	202101	233	SGS NMTR	1,093.69	SK05F
01	TN	202003	95	OL 20000	116.16	SK07C
01	TN	202009	242	LGS M SEC	15,176.5	SK05M
01	TN	202102	244	LGS PRI	38,621.36	SK06N
01	TN	202010	244	LGS PRI	111,704.28	SK05N
01	TN	202010	640	PS	32,815.02	SK05X
01	TN	202012	126	36000MHPF	33.36	SK07R
01	TN	202112	122	16000SVPT	42.42	SK07N
01	TN	202106	324	IP TRAN	714,743.27	SK06S
01	TN	202110	324	IP TRAN	742,179.8	SK06S
01	TN	202101	103	27500SVPT	14.48	SK07F
01	TN	202005	18	RS EMP	7,849.28	SK05A
01	TN	202008	18	RS EMP	9,181.46	SK05A
01	TN	202102	126	36000MHPF	44.48	SK07R
01	TN	202103	115	9500 HPSF	120.12	SK07K
01	TN	202004	120	50000HPSB	72.15	SK07M
01	TN	202107	233	SGS NMTR	503.61	SK05F
01	TN	202105	240	LGS SEC	714,548.26	SK05M

01	TN	202008	30	RS TOD-ON	585.11	SK05C
01	TN	202109	229	GS TOD	626.44	SK05I
01	TN	202109	229	GS TOD	496.05	SK05J
01	TN	202104	94	9500 HPS	3,773.88	SK07B
01	TN	202004	242	LGS M SEC	3,494.4	SK06M
01	TN	202005	240	LGS SEC	684,458.1	SK05M
01	TN	202112	324	IP TRAN	813,998.71	SK06S
01	TN	202012	208	EHG	155,928.18	SK05W
01	TN	202006	322	IP PRI	184,755.35	SK05R
01	TN	202012	93	OL 7000	518.63	SK07A
01	TN	202001	120	50000HPSB	72.15	SK07M
01	TN	202111	120	50000HPSB	75.02	SK07M
01	TN	202107	235	MGS SEC	293,740.53	SK05H
01	TN	202106	641	PS UNITS	1,069.75	SK05U
01	TN	202111	641	PS UNITS	3,264.88	SK05V
01	TN	202012	322	IP PRI	77,086.69	SK06R
01	TN	202006	642	PS ALL E	71,696.87	SK05X
01	TN	202002	240	LGS SEC	742,196.22	SK05M
01	TN	202011	242	LGS M SEC	14,168.34	SK05M
01	TN	202003	15	RS	4,327,279.96	SK05A
01	TN	202103	30	RS TOD-ON	1,160.49	SK05C
01	TN	202109	322	IP PRI	92,079.58	SK06R
01	TN	202107	642	PS ALL E	84,360.5	SK05X
01	TN	202108	93	OL 7000	503.47	SK07A
01	TN	202009	111	9500HPSPT	402.5	SK07J
01	TN	202004	122	16000SVPT	40.95	SK07N
01	TN	202006	109	50000HPSF	610.5	SK07H
01	TN	202010	232	SGS MEAS	3,394.88	SK05F
01	TN	202109	126	36000MHPF	33.36	SK07R
01	TN	202102	232	SGS MEAS	7,627.89	SK05F
01	TN	202011	324	IP TRAN	1,350,668.17	SK05S
01	TN	202109	641	PS UNITS	1,069.75	SK05U
01	TN	202011	103	27500SVPT	14.24	SK07F
01	TN	202004	233	SGS NMTR	491.29	SK05E
01	TN	202004	235	MGS SEC	152,840.71	SK05H

01	TN	202010	11	RS-LMWH	1,048.13	SK05A
01	TN	202001	641	PS UNITS	1,015.88	SK05U
01	TN	202109	94	9500 HPS	3,758.04	SK07B
01	TN	202109	231	SGS FIXED	49,903	SK05F
01	TN	202006	240	LGS SEC	767,591.44	SK05M
01	TN	202004	110	17000 MH	263.86	SK07I
01	TN	202012	116	28800 MH	3,980.96	SK07L
01	TN	202010	324	IP TRAN	1,365,208.18	SK05S
01	TN	202003	237	MGS PRI	464.26	SK05K
01	TN	202102	209	EHG MIN	46,080.89	SK05W
01	TN	202011	232	SGS MEAS	4,625.48	SK05E
01	TN	202008	232	SGS MEAS	4,843.33	SK05F
01	TN	202112	11	RS-LMWH	418.4	SK05B
01	TN	202012	641	PS UNITS	4,732.57	SK05V
01	TN	202011	97	22000 HPS	2,061.09	SK07D
01	TN	202001	107	22000HPSF	1,135.24	SK07G
01	TN	202105	221	CS	39,524.12	SK05T
01	TN	202103	18	RS EMP	8,319.03	SK05A
01	TN	202106	126	36000MHPF	33.36	SK07R
01	TN	202007	110	17000 MH	267.2	SK07I
01	TN	202112	240	LGS SEC	817,161.78	SK05M
01	TN	202110	237	MGS PRI	672.23	SK05K
01	TN	202106	240	LGS SEC	794,820.73	SK05M
01	TN	202104	242	LGS M SEC	4,874.88	SK06M
01	TN	202105	11	RS-LMWH	408.14	SK05B
01	TN	202012	242	LGS M SEC	21,560.4	SK05M
01	TN	202009	95	OL 20000	116.16	SK07C
01	TN	202104	641	PS UNITS	2,884.05	SK05V
01	TN	202004	18	RS EMP	7,826.28	SK05A
01	TN	202108	18	RS EMP	8,183.73	SK05A
01	TN	202007	642	PS ALL E	96,812.88	SK05X
01	TN	202106	235	MGS SEC	428,926.54	SK05G
01	TN	202011	18	RS EMP	6,992.15	SK05A
01	TN	202106	322	IP PRI	205,795.8	SK05R
01	TN	202109	93	OL 7000	493.35	SK07A

01	TN	202003	324	IP TRAN	2,606,588.95	SK05S
01	TN	202105	240	LGS SEC	206,311.38	SK06M
01	TN	202011	221	CS	39,241.6	SK05T
01	TN	202004	640	PS	22,968.04	SK05X
01	TN	202003	18	RS EMP	9,920.48	SK05A
01	TN	202002	93	OL 7000	511.2	SK07A
01	TN	202110	94	9500 HPS	3,771.24	SK07B
01	TN	202112	242	LGS M SEC	19,576.27	SK05M
01	TN	202001	322	IP PRI	180,495.64	SK05R
01	TN	202102	93	OL 7000	523.71	SK07A
01	TN	202106	11	RS-LMWH	418.41	SK05B
01	TN	202107	11	RS-LMWH	420.79	SK05B
01	TN	202112	244	LGS PRI	118,084.11	SK05N
01	TN	202101	120	50000HPSB	76.05	SK07M
01	TN	202012	221	CS	65,720.92	SK05T
01	TN	202004	641	PS UNITS	1,015.88	SK05U
01	TN	202001	126	36000MHPF	31.68	SK07R
01	TN	202101	642	PS ALL E	130,636.69	SK05X
01	TN	202006	51	RSW-LM-EM	15.44	SK05B
01	TN	202001	15	RS	5,458,818.2	SK05A
01	TN	202004	11	RS-LMWH	308.8	SK05B
01	TN	202004	641	PS UNITS	1,373.46	SK05V
01	TN	202111	18	RS EMP	6,600.2	SK05A
01	TN	202103	642	PS ALL E	139,170.04	SK05X
01	TN	202101	94	9500 HPS	3,754.08	SK07B
01	TN	202111	324	IP TRAN	712,378.91	SK06S
01	TN	202007	231	SGS FIXED	55,703.43	SK05F
01	TN	202003	235	MGS SEC	399,014.91	SK05G
01	TN	202109	242	LGS M SEC	15,857.6	SK05M
01	TN	202101	95	OL 20000	122.32	SK07C
01	TN	202005	235	MGS SEC	142,401.21	SK05H
01	TN	202106	640	PS	40,248.7	SK05X
01	TN	202010	322	IP PRI	100,201.92	SK05R
01	TN	202103	126	36000MHPF	33.36	SK07R
01	TN	202007	95	OL 20000	116.16	SK07C

01	TN	202102	109	50000HPSF	625.95	SK07H
01	TN	202001	242	LGS M SEC	5,140.8	SK06M
01	TN	202006	94	9500 HPS	3,532.5	SK07B
01	TN	202102	235	MGS SEC	443,292.5	SK05G
01	TN	202107	122	16000SVPT	43.26	SK07N
01	TN	202106	244	LGS PRI	37,545.2	SK06N
01	TN	202107	120	50000HPSB	76.05	SK07M
01	TN	202103	122	16000SVPT	43.26	SK07N
01	TN	202009	115	9500 HPSF	115	SK07K
01	TN	202105	232	SGS MEAS	3,612.32	SK05F
01	TN	202109	242	LGS M SEC	3,855.72	SK06M
01	TN	202008	242	LGS M SEC	3,484.8	SK06M
01	TN	202002	237	MGS PRI	493.27	SK05K
01	TN	202010	15	RS	2,802,649	SK05A
01	TN	202104	30	RS TOD-ON	1,030.21	SK05D
01	TN	202111	324	IP TRAN	1,687,696.77	SK05S
01	TN	202007	233	SGS NMTR	478.22	SK05F
01	TN	202002	232	SGS MEAS	5,819.01	SK05F
01	TN	202104	229	GS TOD	640.98	SK05J
01	TN	202009	233	SGS NMTR	491.29	SK05E
01	TN	202006	641	PS UNITS	1,519.75	SK05V
01	TN	202103	30	RS TOD-ON	938.8	SK05D
01	TN	202003	126	36000MHPF	31.68	SK07R
01	TN	202112	240	LGS SEC	202,373.31	SK06M
01	TN	202004	240	LGS SEC	695,091.33	SK05M
01	TN	202004	126	36000MHPF	31.68	SK07R
01	TN	202101	93	OL 7000	523.71	SK07A
01	TN	202008	93	OL 7000	499.2	SK07A
01	TN	202102	231	SGS FIXED	72,450.78	SK05E
01	TN	202101	109	50000HPSF	625.95	SK07H
01	TN	202102	240	LGS SEC	773,888.63	SK05M
01	TN	202105	51	RSW-LM-EM	16.25	SK05B
01	TN	202010	229	GS TOD	1,573.53	SK05I
01	TN	202002	229	GS TOD	981.76	SK05I
01	TN	202104	322	IP PRI	108,476.64	SK05R

01	TN	202112	126	36000MHPF	32.82	SK07R
01	TN	202111	124	50000SVPF	23	SK07Q
01	TN	202111	237	MGS PRI	545	SK05K
01	TN	202002	244	LGS PRI	43,464	SK06N
01	TN	202004	235	MGS SEC	335,026.54	SK05G
01	TN	202101	11	RS-LMWH	375.92	SK05B
01	TN	202008	237	MGS PRI	256.19	SK05L
01	TN	202011	116	28800 MH	3,862.68	SK07L
01	TN	202101	15	RS	7,527,316.36	SK05A
01	TN	202012	229	GS TOD	1,065.34	SK05I
01	TN	202106	641	PS UNITS	3,859.66	SK05V
01	TN	202109	641	PS UNITS	6,427.06	SK05V
01	TN	202002	244	LGS PRI	105,838.52	SK05N
01	TN	202004	244	LGS PRI	134,951.11	SK05N
01	TN	202008	244	LGS PRI	115,851.78	SK05N
01	TN	202112	244	LGS PRI	39,100.48	SK06N
01	TN	202008	97	22000 HPS	2,028.82	SK07D
01	TN	202101	122	16000SVPT	45.32	SK07N
01	TN	202012	231	SGS FIXED	75,384.66	SK05E
01	TN	202003	235	MGS SEC	168,438.33	SK05H
01	TN	202011	229	GS TOD	472.77	SK05I
01	TN	202108	97	22000 HPS	2,095.68	SK07D
01	TN	202103	324	IP TRAN	759,112.46	SK06S
01	TN	202104	116	28800 MH	4,286.76	SK07L
01	TN	202107	240	LGS SEC	225,927.28	SK06M
01	TN	202012	120	50000HPSB	76.05	SK07M
01	TN	202109	115	9500 HPSF	120.12	SK07K
01	TN	202109	233	SGS NMTR	503.61	SK05F
01	TN	202112	232	SGS MEAS	5,598.51	SK05E
01	TN	202104	51	RSW-LM-EM	16.25	SK05B
01	TN	202106	229	GS TOD	403.41	SK05J
01	TN	202105	640	PS	37,809.43	SK05X
01	TN	202004	107	22000HPSF	1,154.91	SK07G
01	TN	202002	11	RS-LMWH	2,418.52	SK05A
01	TN	202001	242	LGS M SEC	18,880.06	SK05M

01	TN	202104	242	LGS M SEC	18,974	SK05M
01	TN	202105	322	IP PRI	272,770.37	SK05R
01	TN	202010	116	28800 MH	3,801.6	SK07L
01	TN	202003	322	IP PRI	74,580.74	SK06R
01	TN	202011	642	PS ALL E	74,417.6	SK05X
01	TN	202010	235	MGS SEC	348,010.9	SK05G
01	TN	202105	103	27500SVPT	14.48	SK07F
01	TN	202007	237	MGS PRI	238.13	SK05L
01	TN	202002	124	50000SVPF	22.2	SK07Q
01	TN	202108	124	50000SVPF	23.4	SK07Q
01	TN	202005	51	RSW-LM-EM	105.46	SK05A
01	TN	202010	18	RS EMP	6,225.36	SK05A
01	TN	202108	322	IP PRI	313,056.92	SK05R
01	TN	202006	30	RS TOD-ON	501.85	SK05C
01	TN	202002	30	RS TOD-ON	1,205.96	SK05C
01	TN	202111	94	9500 HPS	3,732.49	SK07B
01	TN	202111	231	SGS FIXED	67,017.57	SK05E
01	TN	202004	209	EHG MIN	14,410.07	SK05W
01	TN	202011	232	SGS MEAS	3,714.91	SK05F
01	TN	202004	232	SGS MEAS	3,779.05	SK05F
01	TN	202110	232	SGS MEAS	4,247.52	SK05F
01	TN	202110	244	LGS PRI	106,528.39	SK05N
01	TN	202111	30	RS TOD-ON	1,101.91	SK05C
01	TN	202009	235	MGS SEC	248,084.14	SK05H
01	TN	202008	11	RS-LMWH	332.14	SK05B
01	TN	202011	11	RS-LMWH	1,341.01	SK05A
01	TN	202009	221	CS	54,414.88	SK05T
01	TN	202107	641	PS UNITS	1,069.75	SK05U
01	TN	202009	18	RS EMP	8,445.32	SK05A
01	TN	202008	231	SGS FIXED	65,765.64	SK05E
01	TN	202004	232	SGS MEAS	4,710.55	SK05E
01	TN	202003	237	MGS PRI	499.24	SK05L
01	TN	202012	640	PS	45,234.94	SK05X
01	TN	202111	97	22000 HPS	2,061.2	SK07D
01	TN	202005	232	SGS MEAS	4,609.01	SK05E

01	TN	202007	242	LGS M SEC	18,256.1	SK05M
01	TN	202001	235	MGS SEC	433,643.97	SK05G
01	TN	202108	30	RS TOD-ON	1,591.41	SK05C
01	TN	202012	107	22000HPSF	1,163.32	SK07G
01	TN	202103	120	50000HPSB	76.05	SK07M
01	TN	202011	231	SGS FIXED	37,778.11	SK05F
01	TN	202009	324	IP TRAN	956,208.8	SK06S
01	TN	202006	233	SGS NMTR	478.22	SK05F
01	TN	202003	51	RSW-LM-EM	130.63	SK05A
01	TN	202009	51	RSW-LM-EM	104.81	SK05A
01	TN	202003	244	LGS PRI	37,142.4	SK06N
01	TN	202003	110	17000 MH	263.86	SK07I
01	TN	202008	115	9500 HPSF	120	SK07K
01	TN	202002	235	MGS SEC	420,376.21	SK05G
01	TN	202004	233	SGS NMTR	478.22	SK05F
01	TN	202006	116	28800 MH	3,722.4	SK07L
01	TN	202011	109	50000HPSF	608.84	SK07H
01	TN	202105	324	IP TRAN	2,110,216.56	SK05S
01	TN	202002	95	OL 20000	116.16	SK07C
01	TN	202109	232	SGS MEAS	5,358.84	SK05F
01	TN	202011	641	PS UNITS	3,364.83	SK05V
01	TN	202106	107	22000HPSF	1,130.72	SK07G
01	TN	202005	231	SGS FIXED	60,763.22	SK05E
01	TN	202109	232	SGS MEAS	5,076.61	SK05E
01	TN	202111	51	RSW-LM-EM	16.1	SK05B
01	TN	202110	641	PS UNITS	1,069.75	SK05U
01	TN	202111	237	MGS PRI	286.2	SK05L
01	TN	202006	237	MGS PRI	593.67	SK05K
01	TN	202108	51	RSW-LM-EM	16.25	SK05B
01	TN	202009	242	LGS M SEC	3,398.4	SK06M
01	TN	202009	641	PS UNITS	1,015.88	SK05U
01	TN	202101	640	PS	45,466.19	SK05X
01	TN	202111	229	GS TOD	1,013.92	SK05I
01	TN	202112	111	9500HPSPT	422.5	SK07J
01	TN	202010	235	MGS SEC	157,519.43	SK05H

01	TN	202103	95	OL 20000	122.32	SK07C
01	TN	202106	51	RSW-LM-EM	16.25	SK05B
01	TN	202109	322	IP PRI	216,012.86	SK05R
01	TN	202005	322	IP PRI	186,310.93	SK05R
01	TN	202007	109	50000HPSF	604.95	SK07H
01	TN	202109	324	IP TRAN	2,633,627.41	SK05S
01	TN	202004	115	9500 HPSF	121.25	SK07K
01	TN	202102	242	LGS M SEC	5,277.58	SK06M
01	TN	202106	97	22000 HPS	2,069.04	SK07D
01	TN	202008	232	SGS MEAS	4,740.85	SK05E
01	TN	202105	641	PS UNITS	2,832.7	SK05V
01	TN	202106	110	17000 MH	302.72	SK07I
01	TN	202112	641	PS UNITS	1,052.13	SK05U
01	TN	202008	110	17000 MH	277.22	SK07I
01	TN	202006	233	SGS NMTR	491.29	SK05E
01	TN	202103	232	SGS MEAS	5,242.23	SK05E
01	TN	202103	229	GS TOD	975.79	SK05J
01	TN	202009	93	OL 7000	494.4	SK07A
01	TN	202007	94	9500 HPS	3,542.5	SK07B
01	TN	202104	229	GS TOD	647.13	SK05I
01	TN	202102	242	LGS M SEC	22,048	SK05M
01	TN	202010	30	RS TOD-ON	520.41	SK05D
01	TN	202007	208	EHG	147,136.47	SK05W
01	TN	202105	111	9500HPSPT	429	SK07J
01	TN	202112	94	9500 HPS	3,720.64	SK07B
01	TN	202111	115	9500 HPSF	120.31	SK07K
01	TN	202008	240	LGS SEC	217,300.8	SK06M
01	TN	202008	235	MGS SEC	414,352.88	SK05G
01	TN	202007	232	SGS MEAS	4,786.33	SK05E
01	TN	202002	232	SGS MEAS	5,555.92	SK05E
01	TN	202110	18	RS EMP	5,697.26	SK05A
01	TN	202105	30	RS TOD-ON	1,304.75	SK05C
01	TN	202102	322	IP PRI	183,650.61	SK05R
01	TN	202110	642	PS ALL E	101,375.85	SK05X
01	TN	202104	107	22000HPSF	1,163.28	SK07G

01	TN	202111	232	SGS MEAS	4,368.62	SK05F
01	TN	202112	51	RSW-LM-EM	159.97	SK05A
01	TN	202103	221	CS	50,915.69	SK05T
01	TN	202008	30	RS TOD-ON	593.39	SK05D
01	TN	202104	109	50000HPSF	625.95	SK07H
01	TN	202004	124	50000SVPF	22.2	SK07Q
01	TN	202110	242	LGS M SEC	3,455.98	SK06M
01	TN	202110	240	LGS SEC	208,856.56	SK06M
01	TN	202002	233	SGS NMTR	491.29	SK05E
01	TN	202012	95	OL 20000	122.32	SK07C
01	TN	202107	244	LGS PRI	42,478.7	SK06N
01	TN	202007	244	LGS PRI	114,974.29	SK05N
01	TN	202109	30	RS TOD-ON	1,452.44	SK05C
01	TN	202110	120	50000HPSB	76.05	SK07M
01	TN	202107	94	9500 HPS	3,755.4	SK07B
01	TN	202103	94	9500 HPS	3,740.98	SK07B
01	TN	202002	237	MGS PRI	472.97	SK05L
01	TN	202111	235	MGS SEC	158,092.85	SK05H
01	TN	202010	322	IP PRI	45,157.19	SK06R
01	TN	202102	322	IP PRI	75,367.32	SK06R
01	TN	202108	126	36000MHPF	33.36	SK07R
01	TN	202012	111	9500HPSPT	426.36	SK07J
01	TN	202110	231	SGS FIXED	64,525.21	SK05E
01	TN	202001	240	LGS SEC	792,764.27	SK05M
01	TN	202006	322	IP PRI	84,080.49	SK06R
01	TN	202004	208	EHG	89,864.29	SK05W
01	TN	202108	120	50000HPSB	76.05	SK07M
01	TN	202003	120	50000HPSB	72.15	SK07M
01	TN	202011	115	9500 HPSF	119.12	SK07K
01	TN	202109	235	MGS SEC	446,442.44	SK05G
01	TN	202108	240	LGS SEC	218,800.15	SK06M
01	TN	202008	229	GS TOD	737.74	SK05I
01	TN	202004	103	27500SVPT	13.72	SK07F
01	TN	202009	322	IP PRI	84,686.42	SK06R
01	TN	202012	233	SGS NMTR	1,093.69	SK05F

01	TN	202105	233	SGS NMTR	503.61	SK05F
01	TN	202002	240	LGS SEC	203,877.55	SK06M
01	TN	202010	124	50000SVPF	22.2	SK07Q
01	TN	202110	51	RSW-LM-EM	95.98	SK05A
01	TN	202005	642	PS ALL E	69,318.27	SK05X
01	TN	202007	324	IP TRAN	788,541.44	SK06S
01	TN	202111	231	SGS FIXED	40,877.33	SK05F
01	TN	202103	231	SGS FIXED	50,059.96	SK05F
01	TN	202106	209	EHG MIN	20,075.79	SK05W
01	TN	202003	242	LGS M SEC	4,632	SK06M
01	TN	202007	242	LGS M SEC	3,705.6	SK06M
01	TN	202002	116	28800 MH	3,775.2	SK07L
01	TN	202108	109	50000HPSF	643.5	SK07H
01	TN	202104	103	27500SVPT	14.48	SK07F
01	TN	202111	103	27500SVPT	14.31	SK07F
01	TN	202006	97	22000 HPS	1,961.38	SK07D
01	TN	202106	242	LGS M SEC	4,862.66	SK06M
01	TN	202107	51	RSW-LM-EM	16.25	SK05B
01	TN	202103	240	LGS SEC	674,822.33	SK05M
01	TN	202106	30	RS TOD-ON	1,298.7	SK05D
01	TN	202110	116	28800 MH	4,086.6	SK07L
01	TN	202112	231	SGS FIXED	68,898.42	SK05F
01	TN	202101	641	PS UNITS	5,502.79	SK05V
01	TN	202011	110	17000 MH	283.27	SK07I
01	TN	202003	233	SGS NMTR	530.39	SK05E
01	TN	202104	640	PS	37,285.08	SK05X
01	TN	202107	110	17000 MH	299.2	SK07I
01	TN	202008	111	9500HPSPT	402.5	SK07J
01	TN	202003	324	IP TRAN	1,190,273.68	SK06S
01	TN	202009	229	GS TOD	246.75	SK05I
01	TN	202001	221	CS	61,269.26	SK05T
01	TN	202011	120	50000HPSB	75.04	SK07M
01	TN	202110	237	MGS PRI	480.8	SK05L
01	TN	202001	244	LGS PRI	42,628.8	SK06N
01	TN	202002	103	27500SVPT	13.72	SK07F

01	TN	202108	229	GS TOD	480.83	SK05J
01	TN	202009	235	MGS SEC	403,660.05	SK05G
01	TN	202010	240	LGS SEC	202,603.59	SK06M
01	TN	202107	640	PS	42,745.75	SK05X
01	TN	202108	30	RS TOD-ON	1,241.82	SK05D
01	TN	202001	30	RS TOD-ON	1,212.58	SK05C
01	TN	202110	322	IP PRI	88,977.11	SK06R
01	TN	202104	322	IP PRI	44,083.18	SK06R
01	TN	202104	93	OL 7000	516.12	SK07A
01	TN	202003	109	50000HPSF	572.75	SK07H
01	TN	202104	11	RS-LMWH	1,712.39	SK05A
01	TN	202008	95	OL 20000	116.16	SK07C
01	TN	202001	208	EHG	135,661.72	SK05W
01	TN	202102	641	PS UNITS	1,069.75	SK05U
01	TN	202002	641	PS UNITS	1,015.88	SK05U
01	TN	202005	208	EHG	92,548.57	SK05W
01	TN	202106	111	9500HPSPT	429	SK07J
01	TN	202004	95	OL 20000	116.16	SK07C
01	TN	202004	30	RS TOD-ON	407.45	SK05C
01	TN	202001	30	RS TOD-ON	1,096.62	SK05D
01	TN	202105	110	17000 MH	306.24	SK07I
01	TN	202112	322	IP PRI	204,488.43	SK05R
01	TN	202010	97	22000 HPS	1,964.19	SK07D
01	TN	202001	231	SGS FIXED	64,113.54	SK05F
01	TN	202105	231	SGS FIXED	35,360.84	SK05F
01	TN	202012	235	MGS SEC	234,867.04	SK05H
01	TN	202109	95	OL 20000	122.32	SK07C
01	TN	202107	244	LGS PRI	122,753.05	SK05N
01	TN	202008	122	16000SVPT	40.95	SK07N
01	TN	202103	235	MGS SEC	167,549.7	SK05H
01	TN	202006	15	RS	3,737,079.44	SK05A
01	TN	202110	242	LGS M SEC	13,674	SK05M
01	TN	202005	242	LGS M SEC	12,539.75	SK05M
01	TN	202002	641	PS UNITS	4,591.76	SK05V
01	TN	202108	642	PS ALL E	143,705.16	SK05X

01	TN	202009	642	PS ALL E	122,891.62	SK05X
01	TN	202003	233	SGS NMTR	1,001.27	SK05F
01	TN	202101	235	MGS SEC	281,797.66	SK05H
01	TN	202011	242	LGS M SEC	3,642.31	SK06M
01	TN	202007	240	LGS SEC	219,216	SK06M
01	TN	202001	237	MGS PRI	556.72	SK05L
01	TN	202007	11	RS-LMWH	2,322.06	SK05A
01	TN	202111	116	28800 MH	4,097.2	SK07L
01	TN	202105	94	9500 HPS	3,744.84	SK07B
01	TN	202101	30	RS TOD-ON	1,158.88	SK05D
01	TN	202112	15	RS	5,840,256.12	SK05A
01	TN	202010	122	16000SVPT	40.95	SK07N
01	TN	202011	233	SGS NMTR	492.34	SK05F
01	TN	202110	95	OL 20000	122.32	SK07C
01	TN	202005	11	RS-LMWH	1,429.4	SK05A
01	TN	202106	11	RS-LMWH	2,193.8	SK05A
01	TN	202012	30	RS TOD-ON	565.25	SK05C
01	TN	202012	322	IP PRI	191,707.66	SK05R
01	TN	202003	232	SGS MEAS	5,301.57	SK05E
01	TN	202008	240	LGS SEC	839,645.89	SK05M
01	TN	202112	51	RSW-LM-EM	15.99	SK05B
01	TN	202007	244	LGS PRI	44,404.8	SK06N
01	TN	202108	122	16000SVPT	43.26	SK07N
01	TN	202005	115	9500 HPSF	118.75	SK07K
01	TN	202005	240	LGS SEC	199,299.26	SK06M
01	TN	202101	229	GS TOD	1,178.61	SK05J
01	TN	202109	11	RS-LMWH	394.69	SK05B
01	TN	202111	641	PS UNITS	1,060.03	SK05U
01	TN	202005	97	22000 HPS	1,961.38	SK07D
01	TN	202104	111	9500HPSPT	429	SK07J
01	TN	202001	93	OL 7000	513.6	SK07A
01	TN	202107	324	IP TRAN	1,811,160.74	SK05S
01	TN	202104	231	SGS FIXED	67,089.55	SK05E
01	TN	202010	237	MGS PRI	0	SK05K
01	TN	202112	237	MGS PRI	766.33	SK05K

01	TN	202009	229	GS TOD	22.88	SK05J
01	TN	202110	641	PS UNITS	4,835.27	SK05V
01	TN	202106	18	RS EMP	7,850.93	SK05A
01	TN	202004	116	28800 MH	3,727.68	SK07L
01	TN	202006	232	SGS MEAS	4,594.16	SK05F
01	TN	202012	641	PS UNITS	1,069.75	SK05U
01	TN	202002	94	9500 HPS	3,506.25	SK07B
01	TN	202005	233	SGS NMTR	478.22	SK05F
01	TN	202012	240	LGS SEC	213,124.26	SK06M
01	TN	202011	124	50000SVPF	23.03	SK07Q
01	TN	202107	95	OL 20000	122.32	SK07C
01	TN	202110	221	CS	41,953.76	SK05T
01	TN	202110	110	17000 MH	327.36	SK07I
01	TN	202004	111	9500HPSPT	401.25	SK07J
01	TN	202111	233	SGS NMTR	511.64	SK05E
01	TN	202112	324	IP TRAN	2,018,527.18	SK05S
01	TN	202011	94	9500 HPS	3,674	SK07B
01	TN	202102	115	9500 HPSF	120.12	SK07K
01	TN	202102	229	GS TOD	1,309.47	SK05I
01	TN	202103	124	50000SVPF	23.4	SK07Q
01	TN	202108	11	RS-LMWH	393.25	SK05B
01	TN	202111	11	RS-LMWH	1,752.24	SK05A
01	TN	202111	244	LGS PRI	39,665.31	SK06N
01	TN	202108	244	LGS PRI	139,182.28	SK05N
01	TN	202110	15	RS	3,151,076.86	SK05A
01	TN	202009	640	PS	49,502.14	SK05X
01	TN	202104	208	EHG	115,884.87	SK05W
01	TN	202107	116	28800 MH	4,075.48	SK07L
01	TN	202105	15	RS	3,207,402.73	SK05A
01	TN	202106	232	SGS MEAS	4,960.77	SK05E
01	TN	202109	324	IP TRAN	1,258,145.82	SK06S
01	TN	202001	240	LGS SEC	206,510.4	SK06M
01	TN	202008	233	SGS NMTR	491.29	SK05E
01	TN	202107	231	SGS FIXED	69,991.54	SK05E
01	TN	202005	233	SGS NMTR	491.29	SK05E

01	TN	202002	231	SGS FIXED	57,499.78	SK05F
01	TN	202108	231	SGS FIXED	69,418.65	SK05E
01	TN	202006	232	SGS MEAS	4,627.41	SK05E
01	TN	202012	232	SGS MEAS	6,502.18	SK05F
01	TN	202006	240	LGS SEC	208,886.4	SK06M
01	TN	202101	242	LGS M SEC	2,287.12	SK06M
01	TN	202008	242	LGS M SEC	15,740.1	SK05M
01	TN	202107	221	CS	70,387.57	SK05T
01	TN	202009	30	RS TOD-ON	860.6	SK05D
01	TN	202003	94	9500 HPS	3,515	SK07B
01	TN	202107	209	EHG MIN	25,093.68	SK05W
01	TN	202012	15	RS	6,166,373.57	SK05A
01	TN	202109	51	RSW-LM-EM	16.25	SK05B
01	TN	202005	229	GS TOD	374.74	SK05J
01	TN	202101	244	LGS PRI	158,212.2	SK05N
01	TN	202002	642	PS ALL E	133,872.64	SK05X
01	TN	202010	231	SGS FIXED	59,839.48	SK05E
01	TN	202002	209	EHG MIN	36,934.13	SK05W
01	TN	202110	11	RS-LMWH	1,528.76	SK05A
01	TN	202104	11	RS-LMWH	375.63	SK05B
01	TN	202110	229	GS TOD	692.19	SK05I
01	TN	202005	107	22000HPSF	1,121.19	SK07G
01	TN	202005	109	50000HPSF	520.14	SK07H
01	TN	202012	324	IP TRAN	1,412,589.01	SK06S
01	TN	202003	115	9500 HPSF	121.25	SK07K
01	TN	202111	242	LGS M SEC	14,229.21	SK05M
01	TN	202004	237	MGS PRI	313.67	SK05L
01	TN	202109	640	PS	54,506.35	SK05X
01	TN	202110	229	GS TOD	455.28	SK05J
01	TN	202002	126	36000MHPF	31.68	SK07R
01	TN	202010	94	9500 HPS	3,521.25	SK07B
01	TN	202102	324	IP TRAN	1,002,774.14	SK06S
01	TN	202107	124	50000SVPF	23.4	SK07Q
01	TN	202007	641	PS UNITS	2,592.51	SK05V
01	TN	202005	126	36000MHPF	31.68	SK07R

01	TN	202102	231	SGS FIXED	72,366.02	SK05F
01	TN	202003	122	16000SVPT	40.95	SK07N
01	TN	202110	235	MGS SEC	392,878.76	SK05G
01	TN	202101	51	RSW-LM-EM	16.25	SK05B
01	TN	202112	233	SGS NMTR	495.32	SK05F
01	TN	202104	232	SGS MEAS	4,899.41	SK05E
01	TN	202103	233	SGS NMTR	517.3	SK05E
01	TN	202103	15	RS	4,436,437.43	SK05A
01	TN	202001	95	OL 20000	116.16	SK07C
01	TN	202102	95	OL 20000	122.32	SK07C
01	TN	202111	208	EHG	111,931.49	SK05W
01	TN	202111	95	OL 20000	121.17	SK07C
01	TN	202107	103	27500SVPT	18.1	SK07F
01	TN	202004	244	LGS PRI	57,111.15	SK06N
01	TN	202110	244	LGS PRI	41,183.34	SK06N
01	TN	202005	641	PS UNITS	1,015.88	SK05U
01	TN	202007	640	PS	36,871.78	SK05X
01	TN	202104	231	SGS FIXED	41,681.1	SK05F
01	TN	202006	229	GS TOD	379.99	SK05J
01	TN	202010	233	SGS NMTR	491.29	SK05E
01	TN	202011	93	OL 7000	514.47	SK07A
01	TN	202001	229	GS TOD	916.46	SK05I
01	TN	202008	642	PS ALL E	112,253.07	SK05X
01	TN	202003	97	22000 HPS	1,964.74	SK07D
01	TN	202011	51	RSW-LM-EM	88.1	SK05A
01	TN	202007	237	MGS PRI	518.81	SK05K
01	TN	202003	11	RS-LMWH	308.8	SK05B
01	TN	202105	235	MGS SEC	155,350.74	SK05H
01	TN	202111	229	GS TOD	643.43	SK05J
01	TN	202103	110	17000 MH	299.2	SK07I
01	TN	202002	233	SGS NMTR	478.22	SK05F
01	TN	202103	240	LGS SEC	195,242.93	SK06M
01	TN	202109	240	LGS SEC	883,484.23	SK05M
01	TN	202101	124	50000SVPF	23.4	SK07Q
01	TN	202007	209	EHG MIN	22,310.92	SK05W

01	TN	202105	324	IP TRAN	896,295.11	SK06S
01	TN	202106	240	LGS SEC	218,042.53	SK06M
01	TN	202110	30	RS TOD-ON	983.09	SK05D
01	TN	202008	322	IP PRI	84,593.99	SK06R

Eqtn Desc
SGS STEP 1 - KWH FUEL AND PPAR
OL 115 - PER LAMP FUEL AND PPAR
MGS PRI STEP 2 - KWH FUEL AND PPAR
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RS WH - KWH FUEL AND PPAR
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PS BLK 2 - KWH ELEC HTG
OL 97 - PER LAMP FUEL AND PPAR
IP SUB - KW FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
MGS PRI STEP 1 - KWH FUEL AND PPAR
PS BLK 1 - ELEC HTG STANDARD
RS ONP- KWH FUEL AND PPAR
IP PRI - KW FUEL AND PPAR
OL 120 - PER LAMP FUEL AND PPAR
OL 116 - PER LAMP FUEL AND PPAR
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RS - KWH FUEL AND PPAR
LGS SEC - KWH FUEL AND PPAR
LGS SEC - KWH FUEL AND PPAR
PS BLK 2 - KWH ELEC HTG
PS - ALL KWH

PS - ALL KWH
SGS STEP 2 - KWH FUEL AND PPAR
MGS SEC STEP 2 - KWH FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
MGS PRI STEP 2 - KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
OL 116 - PER LAMP FUEL AND PPAR
OL 94 - PER LAMP FUEL AND PPAR
RS OFP- KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
OL 122 - PER LAMP FUEL AND PPAR
SGS STEP 2 - KWH FUEL AND PPAR
OL 95 - PER LAMP FUEL AND PPAR
RS - KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
RS ONP- KWH FUEL AND PPAR
IP PRI - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
LGS SEC - KWH FUEL AND PPAR
RS WH - KWH FUEL AND PPAR
LGS PRI - KW FUEL AND PPAR
OL 122 - PER LAMP FUEL AND PPAR
OL 115 - PER LAMP FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
GS TOD OFP - KWH FUEL AND PPAR
RS WH - KWH FUEL AND PPAR
PS BLK 1 - ELEC HTG STANDARD
OL 97 - PER LAMP FUEL AND PPAR
OL 111 - PER LAMP FUEL AND PPAR
OL 93 - PER LAMP FUEL AND PPAR
IP SUB - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
MGS PRI STEP 1 - KWH FUEL AND PPAR
MGS PRI STEP 1 - KWH FUEL AND PPAR

GS TOD OFF - KWH FUEL AND PPAR
PS BLK 2 - KWH ELEC HTG
RS - KWH FUEL AND PPAR
OL 116 - PER LAMP FUEL AND PPAR
SGS STEP 2 - KWH FUEL AND PPAR
PS BLK 1 - ELEC HTG STANDARD
OL 94 - PER LAMP FUEL AND PPAR
SGS STEP 2 - KWH FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
OL 124 - PER LAMP FUEL AND PPAR
OL 95 - PER LAMP FUEL AND PPAR
CHURCH - KWH FUEL AND PPAR
OL 110 - PER LAMP FUEL AND PPAR
OL 111 - PER LAMP FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
IP SUB - KWH FUEL AND PPAR
OL 94 - PER LAMP FUEL AND PPAR
OL 115 - PER LAMP FUEL AND PPAR
GS TOD ONP - KWH FUEL AND PPAR
OL 124 - PER LAMP FUEL AND PPAR
RS WH - KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
LGS PRI - KW FUEL AND PPAR
LGS PRI - KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
PS - ALL KWH
EHG - KWH FUEL AND PPAR
OL 116 - PER LAMP FUEL AND PPAR
RS - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
IP SUB - KW FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR

SGS STEP 2 - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
SGS STEP 2 - KWH FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
LGS SEC - KWH FUEL AND PPAR
CHURCH - KWH FUEL AND PPAR
RS OFP- KWH FUEL AND PPAR
OL 94 - PER LAMP FUEL AND PPAR
EHG - KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
RS WH - KWH FUEL AND PPAR
GS TOD OFP - KWH FUEL AND PPAR
LGS PRI - KWH FUEL AND PPAR
PS - ALL KWH
SGS STEP 1 - KWH FUEL AND PPAR
EHG - KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
RS WH - KWH FUEL AND PPAR
GS TOD ONP - KWH FUEL AND PPAR
OL 107 - PER LAMP FUEL AND PPAR
OL 109 - PER LAMP FUEL AND PPAR
IP SUB - KW FUEL AND PPAR
OL 115 - PER LAMP FUEL AND PPAR
LGS SEC - KWH FUEL AND PPAR
MGS PRI STEP 2 - KWH FUEL AND PPAR
PS - ALL KWH
GS TOD OFP - KWH FUEL AND PPAR
OL 126 - PER LAMP FUEL AND PPAR
OL 94 - PER LAMP FUEL AND PPAR
IP SUB - KW FUEL AND PPAR
OL 124 - PER LAMP FUEL AND PPAR
PS BLK 2 - KWH ELEC HTG
OL 126 - PER LAMP FUEL AND PPAR

SGS STEP 2 - KWH FUEL AND PPAR
OL 122 - PER LAMP FUEL AND PPAR
MGS SEC STEP 1 - KWH FUEL AND PPAR
RS WH - KWH FUEL AND PPAR
SGS STEP 2 - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
RS - KWH FUEL AND PPAR
OL 95 - PER LAMP FUEL AND PPAR
OL 95 - PER LAMP FUEL AND PPAR
EHG - KWH FUEL AND PPAR
OL 95 - PER LAMP FUEL AND PPAR
OL 103 - PER LAMP FUEL AND PPAR
LGS PRI - KW FUEL AND PPAR
LGS PRI - KW FUEL AND PPAR
PS BLK 1 - ELEC HTG STANDARD
PS - ALL KWH
SGS STEP 2 - KWH FUEL AND PPAR
GS TOD OFP - KWH FUEL AND PPAR
SGS STEP 1 - KWH FUEL AND PPAR
OL 93 - PER LAMP FUEL AND PPAR
GS TOD ONP - KWH FUEL AND PPAR
PS - ALL KWH
OL 97 - PER LAMP FUEL AND PPAR
RS - KWH FUEL AND PPAR
MGS PRI STEP 1 - KWH FUEL AND PPAR
RS WH - KWH FUEL AND PPAR
MGS SEC STEP 2 - KWH FUEL AND PPAR
GS TOD OFP - KWH FUEL AND PPAR
OL 110 - PER LAMP FUEL AND PPAR
SGS STEP 2 - KWH FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
LGS SEC - KWH FUEL AND PPAR
OL 124 - PER LAMP FUEL AND PPAR
EHG - KWH FUEL AND PPAR

IP SUB - KW FUEL AND PPAR
LGS SEC - KW FUEL AND PPAR
RS OFP- KWH FUEL AND PPAR
IP PRI - KW FUEL AND PPAR

Sum of Sales of ELE Amt		Column Labels					
Row Labels	202002	202003	202004	202005	202006	202007	
324	56,060	28,030	28,030	28,030	28,030	10,400	
(blank)							
Grand Total	56,060	28,030	28,030	28,030	28,030	10,400	

202008	202009	202010	202011	202012	202101	202102	202104	202105	202106
45,660	28,030	17,630	28,950	40,470	29,510	29,510	48,060	40,470	29,510
45,660	28,030	17,630	28,950	40,470	29,510	29,510	48,060	40,470	29,510

202107	202109	202110	202111	202112	(blank)	Grand Total
29,510	59,020	29,510	18,140	39,740		692,300
29,510	59,020	29,510	18,140	39,740		692,300

Co Cd	State Cd	Revn Yr/Mo	Tariff Cd	Tariff Cd Desc	Sales of ELE Amt	Eqtn Cd
01	TN	202002	324	IP TRAN	38,860	DC24A
01	TN	202002	324	IP TRAN	17,200	DC24B
01	TN	202003	324	IP TRAN	8,600	DC24B
01	TN	202003	324	IP TRAN	19,430	DC24A
01	TN	202004	324	IP TRAN	8,600	DC24B
01	TN	202004	324	IP TRAN	19,430	DC24A
01	TN	202005	324	IP TRAN	8,600	DC24B
01	TN	202005	324	IP TRAN	19,430	DC24A
01	TN	202006	324	IP TRAN	8,600	DC24B
01	TN	202006	324	IP TRAN	19,430	DC24A
01	TN	202007	324	IP TRAN	10,400	DC24A
01	TN	202008	324	IP TRAN	28,460	DC24A
01	TN	202008	324	IP TRAN	17,200	DC24B
01	TN	202009	324	IP TRAN	19,430	DC24A
01	TN	202009	324	IP TRAN	8,600	DC24B
01	TN	202010	324	IP TRAN	9,030	DC24A
01	TN	202010	324	IP TRAN	8,600	DC24B
01	TN	202011	324	IP TRAN	19,850	DC24A
01	TN	202011	324	IP TRAN	9,100	DC24B
01	TN	202012	324	IP TRAN	31,370	DC24A
01	TN	202012	324	IP TRAN	9,100	DC24B
01	TN	202101	324	IP TRAN	20,410	DC24A
01	TN	202101	324	IP TRAN	9,100	DC24B
01	TN	202102	324	IP TRAN	20,410	DC24A
01	TN	202102	324	IP TRAN	9,100	DC24B
01	TN	202104	324	IP TRAN	18,200	DC24B
01	TN	202104	324	IP TRAN	29,860	DC24A
01	TN	202105	324	IP TRAN	9,100	DC24B
01	TN	202105	324	IP TRAN	31,370	DC24A
01	TN	202106	324	IP TRAN	9,100	DC24B
01	TN	202106	324	IP TRAN	20,410	DC24A
01	TN	202107	324	IP TRAN	9,100	DC24B
01	TN	202107	324	IP TRAN	20,410	DC24A
01	TN	202109	324	IP TRAN	40,820	DC24A

01	TN	202109	324	IP TRAN	18,200	DC24B
01	TN	202110	324	IP TRAN	9,100	DC24B
01	TN	202110	324	IP TRAN	20,410	DC24A
01	TN	202111	324	IP TRAN	8,900	DC24B
01	TN	202111	324	IP TRAN	9,240	DC24A
01	TN	202112	324	IP TRAN	30,840	DC24A
01	TN	202112	324	IP TRAN	8,900	DC24B

[illegible]

BACKUP RESERVATION LEVEL B KW * RATE	(MANB)
BACKUP RESERVATION LEVEL B KW * RATE	(MANB)
BACKUP RESERVATION LEVEL A KW * RATE	(MANB)
BACKUP RESERVATION LEVEL B KW * RATE	(MANB)
BACKUP RESERVATION LEVEL A KW * RATE	(MANB)
BACKUP RESERVATION LEVEL A KW * RATE	(MANB)
BACKUP RESERVATION LEVEL B KW * RATE	(MANB)

Co Cd	State Cd	Tariff Cd	Tariff Cd Desc
01	TN	11	RS-LMWH
01	TN	15	RS
01	TN	18	RS EMP
01	TN	30	RS TOD-ON
01	TN	51	RSW-LM-EM
01	TN	93	OL 7000
01	TN	94	9500 HPS
01	TN	95	OL 20000
01	TN	97	22000 HPS
01	TN	103	27500SVPT
01	TN	107	22000HPSF
01	TN	109	50000HPSF
01	TN	110	17000 MH
01	TN	111	9500HPSPT
01	TN	115	9500 HPSF
01	TN	116	28800 MH
01	TN	120	50000HPSB
01	TN	122	16000SVPT
01	TN	124	50000SVPF
01	TN	126	36000MHPF
01	TN	208	EHG
01	TN	209	EHG MIN
01	TN	221	CS
01	TN	229	GS TOD
01	TN	231	SGS FIXED
01	TN	232	SGS MEAS
01	TN	233	SGS NMTR
01	TN	235	MGS SEC
01	TN	237	MGS PRI
01	TN	240	LGS SEC
01	TN	242	LGS M SEC
01	TN	244	LGS PRI
01	TN	322	IP PRI
01	TN	324	IP TRAN

01	TN	640	PS
01	TN	641	PS UNITS
01	TN	642	PS ALL E

**TENNESSEE PUBLIC UTILITY COMMISSION
PETITION OF
Kingsport Power Company
DOCKET NO. TPUC 21-00107
Data Requests and Requests for the Production
of Documents by the EAST TENNESSEE ENERGY CONSUMERS
ETEC Informal Set 1
To Kingsport Power Company**

Data Request ETEC 1-07:

Please provide a schedule, in excel, showing FPPAR revenues by rate class, by month, for the period January 1, 2020 through December 31, 2021.

Response ETEC 1-07:

Please see ETEC 1-6 Attachment 1.

TENNESSEE PUBLIC UTILITY COMMISSION
PETITION OF
Kingsport Power Company
DOCKET NO. TPUC 21-00107
Data Requests and Requests for the Production
of Documents by the EAST TENNESSEE ENERGY CONSUMERS
ETEC Informal Set 1
To Kingsport Power Company

Data Request ETEC 1-08:

Please provide a copy of APCo's 2021/2022 and 2022/2023 FRR capacity plans. To the extent that it is not separately identified in the plan, please provide that MW of demand response included in the plans for each delivery year.

Response ETEC 1-08:

Please see ETEC 1-08 Attachment 1 for the requested information. Note, DY 22/23 is still subject to change.

FRR MW UCAP		APCO <i>Total</i>	AEP <i>Total</i>
2021/2022			
Generation	<i>a</i>	5,828	11,541
DR	<i>b</i>	42	247
FRR Commitments	<i>c=a+b</i>	5,870	11,788

FRR MW UCAP		APCO <i>Total</i>	AEP <i>Total</i>
2022/2023			
Generation	<i>a</i>	5,844	11,454
DR	<i>b</i>	73	364
FRR Commitments	<i>c=a+b</i>	5,917	11,818

**TENNESSEE PUBLIC UTILITY COMMISSION
PETITION OF
Kingsport Power Company
DOCKET NO. TPUC 21-00107
Data Requests and Requests for the Production
of Documents by the EAST TENNESSEE ENERGY CONSUMERS
ETEC Informal Set 1
To Kingsport Power Company**

Data Request ETEC 1-09:

With regard to the previous question, please provide the same information for the AEP East FRR entities on a combined basis.

Response ETEC 1-09:

Please see the Company's response to ETEC 1-08.

TENNESSEE PUBLIC UTILITY COMMISSION
PETITION OF
Kingsport Power Company
DOCKET NO. TPUC 21-00107
Data Requests and Requests for the Production
of Documents by the EAST TENNESSEE ENERGY CONSUMERS
ETEC Informal Set 1
To Kingsport Power Company

Data Request ETEC 1-10:

With regard to proposed REC Rider, please provide the following:

- a. The market price of RECs, by month, for the period January 2021 through December 2021.
- b. The Company's projected cost of RECs for 2022 and 2023.
- c. The support for the administrative and marketing charges proposed by the Company.

Response ETEC 1-10:

The attachments in this response are being provided pursuant to the Protective Order dated September 17, 2021 in this docket.

- a. See ETEC 1-010 Confidential Attachment 1 for the requested information. There are multiple types of RECs that the Company might use in this offering and this attachment is intended to be representative of the types and price of RECs that could be available. Also note that the REC prices in this attachment represent quotes for large blocks of RECs; smaller purchase prices can be substantially higher than the attached price quote sheet.
- b. See ETEC 1-010 Confidential Attachment 2 for S&P PJM and ERCOT REC forecast data through 2041.
- c. See ETEC 1-010 Confidential Attachment 3 for the requested information.

ETEC 1-10 Confidential Attachments 1 through 3
CONFIDENTIAL – PRODUCED SUBJECT TO PROTECTIVE ORDER

**TENNESSEE PUBLIC UTILITY COMMISSION
PETITION OF
Kingsport Power Company
DOCKET NO. TPUC 21-00107
Data Requests and Requests for the Production
of Documents by the EAST TENNESSEE ENERGY CONSUMERS
ETEC Informal Set 1
To Kingsport Power Company**

Data Request ETEC 1-11:

With regard to Ms. Keeton's at page 9, lines 3-5, please provide a narrative discussing how this large customer REC Rider program would work. Also provide examples of similar programs currently being offered by other AEP Companies in other jurisdictions.

Response ETEC 1-11:

The proposed Option B allows large customers to purchase the electrical output and/or all associated environmental attributes (RECs) from a renewable energy generator through a written service agreement tailored to their specific business objectives and renewable energy needs. These customer-specific service agreements will reflect the cost of the renewable energy resource being directly contracted for by Company for the customer plus any transactional or administrative costs incurred by the Company to facilitate the contract and its administration. Pricing for the renewable energy resource or RECs will be based on the facts of each proposed transaction. The term of the service agreement will be determined in the written agreement between the Company and the customer. See ETEC 1-011 Attachments 1 and 2 for examples of similar programs offered by AEP affiliate company I&M Power Company.

IM GREEN RIDER

Availability of Service.

The Local Renewable Program option is available on a voluntary basis to metered customers who are in good standing and desire to purchase renewable energy from I&M's solar, wind and hydro generation resources through the purchase of renewable energy certificates (RECs) sourced from I&M's renewable resources.

The National Renewable Program option is available on a voluntary basis to metered customers who are in good standing and desire to purchase RECs sourced from renewable resources located within the United States of America.

The Custom Agreement option is available to customers taking metered service under the Company's I.P. and C.S.-IRP2 tariffs, or multiple G.S. and / or L.G.S. tariff accounts with common ownership under a single parent company that can aggregate multiple accounts to exceed 1,000 kW monthly peak demand over a 12-month average.

Conditions of Service.

Customers who wish to attribute a specific portion of their service to renewable energy may purchase RECs under the Local and National Program options each month as a percentage of their monthly kWh usage in 10% increments. Customers who purchase RECs through this tariff have the right to claim the renewable energy generation and associated emission footprint reduction.

The Company will retire the RECs associated with I&M's renewable resources for the energy purchased by participating customer under the Local Renewable Program option. The Company will purchase and retire RECs associated with nationally available renewable resources for the RECs purchased by participating customers under the National Renewable Program option. RECs will be retired on an annual basis upon receipt of payment from the customer. The proceeds of this rider, net of administrative fees, will be used to offset the cost of the Fuel Cost Adjustment Rider for all customers.

Monthly Rate.

In addition to the monthly charges determined according to the Company's rate schedule under which the customer takes service, the customer shall also pay the following rate for the REC purchase. The customer can elect a percentage of monthly usage, in 10% increments, to be dedicated to the IM Green rider. The charge will be applied to the customer's bill as a separate line item.

Local Program option (for RECs from I&M Wind, Solar or Hydro Projects)

Charge: \$0.0106 for each kWh consumed

(Cont'd on Sheet No. 37.1)

**ISSUED BY
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF JUNE 2021**

**ISSUED UNDER AUTHORITY OF THE
INDIANA UTILITY REGULATORY COMMISSION
DATED MAY 19, 2021
IN 30-DAY FILING NO. 50412**

IM GREEN RIDER

(Cont'd from Sheet No. 37)

The Company will provide RECs from I&M Wind, Solar or Hydro projects to fulfill customer subscriptions under this option. Participation under this program will be limited to the availability of RECs associated with I&M's wind and solar generation resources. The local option will be priced semi-annually, based on the average REC prices over six-month period as published in S&P Global Renewable Energy Credit Index for the New Jersey Class I REC. If the REC product index is no longer available or the state of Indiana adopts a Renewable Portfolio Standard that includes solar, wind, hydro and other renewables the Company will select a replacement REC product as the basis for establishing the corresponding rate.

National Program option (for RECs from national resources)

Charge: \$0.002 for each kWh consumed

The Company will purchase RECs in the over the counter market representing nationally available wind, hydro or solar and other renewable RECs to meet the customers need under this tariff. The Company will annually evaluate the market prices for RECs and will file a 30 day filing to modify the charge on this tariff if necessary to fulfill the REC obligations under this tariff.

Custom Agreement option

Charges for service under this option will be set forth in the written agreement between the Company and the Customer and will reflect a combination of the tariff service rates otherwise available to the Customer and the cost of the renewable energy being contracted for by the Customer.

Term.

This is a voluntary program.

Customers eligible for this Rider may participate by applying to the Company for service under this Rider. Once approved for service under this Rider, service will begin within a minimum of fifteen (15) days of the customer's regular scheduled meter reading date. Customers under the Standard Program Option may terminate service under this Rider by notifying the Company with at least thirty (30) day notice prior to the customer's regular scheduled meter reading date.

Custom Agreement option term must be a minimum of one year and will be determined in the written agreement between the Company and the Customer.

(Cont'd on Sheet No. 37.2)

**ISSUED BY
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE MONTH OF FEBRUARY 2021**

**ISSUED UNDER AUTHORITY OF THE
INDIANA UTILITY REGULATORY COMMISSION
DATED FEBRUARY 10, 2021
IN 30-DAY FILING NO. 50390**

**I.U.R.C. NO. 18
INDIANA MICHIGAN POWER COMPANY
STATE OF INDIANA**

**FIRST REVISED SHEET NO. 37.2
CANCELS ORIGINAL SHEET NO. 37.2**

IM GREEN RIDER
(Cont'd from Sheet 37.1)

Special Terms and Conditions.

Under the Custom Agreement option, customer specific information, including, but not limited to contract rates, purchased amounts of renewable energy and generation resources, shall remain confidential.

This Rider is subject to the Company's Terms and Conditions of Service and all provisions of the standard rate schedule under which the customer takes service, including all payment provisions.

**ISSUED BY
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA**

**EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE MONTH OF FEBRUARY 2021**

**ISSUED UNDER AUTHORITY OF THE
INDIANA UTILITY REGULATORY COMMISSION
DATED FEBRUARY 10, 2021
IN 30-DAY FILING NO. 59390**

**VOLUNTARY GREEN PRICING PROGRAM
IM GREEN PROGRAM**

Availability of Service

This program provides customers the opportunity to participate in voluntary green pricing options in accordance with 2008 PA 295 Subpart B Sec. 61

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The Standard Program option is available on a voluntary basis to metered customers who are in good standing, taking Standard Service from the Company who desire to purchase renewable energy certificates (RECs) sourced from the Company's solar and wind renewable generation resources approved in its Renewable Energy Plan (REP).

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Bring Your Own Contract option is available to customers taking metered service under the Company's LP and CS-IRP tariffs, or multiple GS and / or LGS tariff accounts with common ownership under a single parent company that can aggregate multiple accounts to exceed 1,000 kW monthly peak demand over a 12-month average.

N

Conditions of Service

Customers who wish to attribute a specific portion of their service to renewable electricity may under the Standard Program option, purchase RECs each month as a percentage of their monthly kWh usage in 10% increments. Customers who purchase RECs through the IM Green Program have the right to claim the renewable energy generation and associated emission footprint reduction.

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Upon receipt of a request from the Customer for service under the Bring Your Own Contract option, the Company will provide the Customer with a written offer containing the rates and related terms and conditions of service under which such service will be provided by the Company. If the parties reach an agreement based on the offer provided to the Customer by the Company, the Company will request Commission approval of the written contract. The contract shall provide full disclosure of all rates, terms and conditions of service under this tariff, and any and all agreements related thereto, subject to the designation of the terms and conditions of the contract as confidential, as set forth herein.

The Company will retire the RECs associated with the energy purchased by participating customers on an annual basis upon receipt of payment from the customer. All revenue collected by the Company pursuant to the IM Green Standard Program option will be reconciled annually through the Company's REP. Revenues received, excluding the portion collected for program management and administrative costs, will be credited as an offset to the costs included in the Renewable Energy Surcharge (RES) for all customers.

Customers subscribing to 50% or more of their monthly usage under the IM Green Program will have the current Renewable Energy Surcharge removed from their billing statement.

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(Cont'd on Sheet No. D-88.00)

ISSUED SEPTEMBER 15, 2020
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF OCTOBER 2020

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED SEPTEMBER 10, 2020
IN CASE NO. U-18353

**VOLUNTARY GREEN PRICING PROGRAM
IM GREEN PROGRAM**

(Cont'd from Sheet No. D-87.00)

Monthly Rate

Standard Program option

In addition to the monthly charges determined according to the Company's rate schedule under which the customer takes service, the customer shall also pay the following surcharge rate for the renewable energy purchase and receive the following credit, based on the customer's elected participation level. The customer can elect a percentage of monthly usage, in 10% increments, to be dedicated to the IM Green Standard Program option. The surcharge and credit will be applied to the customer's bill as a separate line item. The surcharge is a per kWh charge which recovers all costs associated with the renewable energy being provided pursuant to this tariff and program management and administrative costs. The credit is a per kWh credit based on the MPSC Transfer Price Schedule approved by the Commission in Case No. U-15800.

IM Green Surcharge: \$0.02415 for each kWh

IM Green Credit: \$0.01633 for each kWh

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The Company will submit an ex-parte' filing with the Commission in November each year, to update the IM Green credit based on the associated MPSC Transfer Price Schedule rate effective for the subsequent year.

Bring Your Own Contract option

Charges for service under the Bring Your Own Contract option of this Tariff will be set forth in the written agreement between the Company and the Customer and will reflect a combination of the firm service rates otherwise available to the Customer and the cost of the renewable energy resource being directly contracted for by the Customer.

(Cont'd on Sheet No. D-88.10)

ISSUED MAY 14, 2021
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF JUNE 2021

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED MAY 13, 2021
IN CASE NO. U-18353

**VOLUNTARY GREEN PRICING PROGRAM
IM GREEN PROGRAM**

(Cont'd from Sheet No. D-88.00)

Term

This is a voluntary program.

Customers eligible for this program may participate by applying to the Company for service under this tariff. Once approved for service under this tariff, service will begin within a minimum of fifteen (15) days of the customer's regular scheduled meter reading date. Customers under the Standard Program option must continue receiving service under this tariff for a minimum of three (3) consecutive months, after which Customers under the Standard Program Option may terminate service under this tariff by notifying the Company with at least thirty (30) day notice prior to the customer's regular scheduled meter reading date.

Under the Bring Your Own Contract option, the term of the agreement will be determined in the written agreement between the Company and the Customer.

Confidentiality

All terms and conditions of any written contract under this schedule shall be protected from disclosure as confidential, proprietary trade secrets if either the Customer or the Company requests a Commission determination of confidentiality, and the Commission finds that the party requesting such protection has shown good cause for protecting the terms and conditions of the contract.

Special Terms and Conditions.

RECs resulting from the generation of the energy purchased through this tariff will be ineligible to be used by the Company to comply with Public Act 295 of 2008, the Michigan Clean, Renewable and Efficient Energy Act, or similar act or law.

This program is subject to the Company's Terms and Conditions of Service and all provisions of the standard rate schedule under which the customer takes service, including all payment provisions.

Service under this program provides for the generation of renewable energy by the Company, but not for actual physical delivery to customers receiving service under this tariff.

ISSUED SEPTEMBER 15, 2020
TOBY L. THOMAS
PRESIDENT
FORT WAYNE, INDIANA

EFFECTIVE FOR BILLS RENDERED BEGINNING
WITH THE BILLING MONTH OF OCTOBER 2020

ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED SEPTEMBER 10, 2020
IN CASE NO. U-18353