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**SOAH DOCKET NO. 473-22-04394
PUC DOCKET NO. 53719**

**APPLICATION OF ENTERGY TEXAS,
INC. FOR AUTHORITY TO CHANGE
RATES**

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§

**BEFORE THE STATE OFFICE
OF
ADMINISTRATIVE HEARINGS**



COST ALLOCATION & RATE DESIGN PHASE

DIRECT TESTIMONY AND WORKPAPERS OF

ETHAN BLANCHARD

RATE REGULATION DIVISION

PUBLIC UTILITY COMMISSION OF TEXAS

NOVEMBER 9, 2022

TABLE OF CONTENTS

I.	PROFESSIONAL QUALIFICATIONS.....	2
II.	SCOPE OF TESTIMONY	3
III.	SUMMARY OF RECOMMENDATIONS.....	4
IV.	FUNCTIONAL & CLASS COST OF SERVICE	5
V.	RATE DESIGN.....	6
VI.	BASELINE VALUES	7
VII.	CONCLUSION	7

ATTACHMENTS:

Attachment EB-1	Regulatory Résumé of Ethan Blanchard
Attachment EB-2	Staff's Total Company Cost of Service Summary
Attachment EB-3	Staff's Class Cost of Service Summary
Attachment EB-4	Staff's Unit Cost Analysis
Attachment EB-5	Staff's Equalized Rate of Return Summary
Attachment EB-6	Staff's Proposed Rates
Attachment EB-7	Staff's Class Total Revenues Summary
Attachment EB-8	Staff's Proposed DCRF, TCRF, and PCRF Baseline Values

1 **I. PROFESSIONAL QUALIFICATIONS**

2 **Q. Please state your name and business address.**

3 A. Ethan Blanchard, 1701 N. Congress Avenue, Austin, TX 78711-3326.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am employed by the Public Utility Commission of Texas (“PUC” or “the
6 Commission”) as a Rate Analyst in the Tariff and Rate Analysis Section of the Rate
7 Regulation Division.

8 **Q. What are your principal responsibilities as a Rate Analyst for the**
9 **Commission?**

10 A. My principal responsibility is to analyze utility filings regarding financial issues as
11 well as matters related to cost allocation and rate design. My responsibilities
12 include analyzing utility industry regulatory policy, reviewing tariffs to determine
13 compliance with Commission requirements, and preparing and presenting
14 testimony as an expert witness on cost allocation and rate design in docketed
15 proceedings before the Commission and the State Office of Administrative
16 Hearings (“SOAH”).

17 **Q. Please state your educational background and professional experience.**

18 A. I graduated Cum Laude with a Bachelor of Science degree International Economics
19 & Finance—Honors with a minor in French & Francophone Studies from the
20 Catholic University of America. In 2021 I was hired as a Rate Analyst at the
21 Commission. In 2022, I passed the exam to become a Certified Rate of Return
22 Analyst (CRRRA). I have provided a summary of my educational background and
23 professional regulatory experience in Attachment EB-1.

Q. Have you filed Testimony before the Commission before?

A. No. Attachment EB-1 includes a listing of my previously filed written memoranda in lieu of testimony.

II. SCOPE OF TESTIMONY

Q. What is the purpose of your testimony in this proceeding?

A. My testimony regarding the application of Entergy Texas, Inc. (“ETI” or “Company”) presents Staff’s class cost of service study and the calculation of Staff’s proposed Base Rates. I will address part or all of the following issues from the Preliminary Order:

60. What are the just and reasonable rates calculated in accordance with PURA and Commission rules? Do the rates comport with the requirements in PURA § 36.003?

63. What are the appropriate allocations of Entergy's revenue requirement to functions, and rate classes?

a. What is the appropriate allocation of Entergy's expenses, invested capital, and revenues to Texas retail customers?

73. Should baseline amounts be determined in this proceeding for future Entergy filings related to transmission cost recovery factor, distribution cost recovery factor, generation cost recovery rider, or interim transmission cost of service? If so, what are the investment and expense components and amounts?

1 **Q. Please describe your role in this proceeding.**

2 A. I have prepared Staff's class cost of service study (CCOSS). In preparing Staff's
3 CCOSS, I incorporated adjustments as presented in the testimonies of Staff
4 witnesses Emily Sears and Mark Filarowicz. Using the results of Staff's CCOSS,
5 I calculate Staff's proposed base rates. I also calculate Staff's recommended
6 baseline values for the Purchased Power Capacity Cost Recovery Factor (PCRF),
7 Transmission Cost Recovery Factor (TCRF) and Distribution Cost Recovery Factor
8 (DCRF) based upon Staff's CCOSS.

9 **Q. What items did you review to reach your recommendations?**

10 A. In preparing my testimony, I reviewed portions of ETI's application and direct
11 testimony, certain responses to requests for information, and certain Commission
12 rules and orders.

13 **III. SUMMARY OF RECOMMENDATIONS**

14 **Q. Please summarize your recommendations.**

15 A. I recommend that:

- 16 • Staff's proposed Class Cost of Service Model be adopted and used to set Base
17 Rates.
- 18 • Staff's proposed rates be adopted.
- 19 • Staff's proposed PCRF, TCRF, and DCRF baseline values be approved.

20 **Q. What is Staff's recommended Texas retail base rate revenue requirement?**

21 A. Incorporating all of Staff's adjustments produces a revenue requirement of
22 \$1,968,969,177, which represents a \$51,805,475 decrease to ETI's requested total

1 revenue requirement. The summary of these figures can be found in Attachment
2 EB-7.

3

4 **IV. FUNCTIONAL & CLASS COST OF SERVICE**

5 **Q. What is functionalization?**

6 A. Functionalization is the allocation of a utility's jurisdictional cost of service into
7 various business functions.

8 **Q. What are ETI's business functions?**

9 A. ETI has 14 functions in which it allocates costs: Production/Generation,
10 Transmission Demand High Voltage, Transmission Demand Low Voltage,
11 Distribution Demand - Primary, Distribution Demand - Secondary, Distribution
12 Demand – Substations, Distribution Line Transformers, Distribution Lighting,
13 Distribution Customer – Meters, Distribution Customer – Services, Distribution
14 Customer – General, Customer Service – Meter Reading, Customer Service –
15 Customer Records, Customer Service – Customer Service.

16 **Q. What are the results of Staff's functional cost of service study?**

17 A. A unit cost analysis based on Staff's proposed functional costs at the class level can
18 be found in Attachment EB-4.

19 **Q. How are functionalized costs assigned to the classes?**

20 A. Each functionalized line-item has a class allocation factor applied to it based on the
21 class characteristics that drive that cost.

Q. What are the results of Staff's class cost of service study?

A. A summary of Staff's CCOSS can be found in Attachment EB-3. The total non-fuel retail revenue requirement for each class is:

Class	CCOSS	Riders/Adjustments	Total Cost of Service
Residential	626,871,622	278,052,158	904,923,780
Small General	44,823,809	22,944,811	67,768,620
General	209,479,590	147,046,543	356,526,133
Large General	62,020,960	56,433,716	118,454,676
Large Industrial	211,345,358	289,196,224	500,541,582
Lighting	15,190,220	5,564,165	20,754,385
Total	\$ 1,169,731,558	\$ 799,237,619	\$ 1,968,969,177

Q. What is done with the class cost of service results?

A. The results of Staff's CCOSS are used in the rate design phase.

V. RATE DESIGN

Q. What is rate design?

A. For each rate class, rates that reasonably allow the utility to recover that class's share of costs need to be designed. Rate design is intended to send economic price signals to customers within a class to encourage efficient use of system resources.

Q. How were Staff's recommended rates calculated?

A. Staff's recommended rates were developed by scaling ETI's proposed revenues to match Staff's recommended revenue requirement and then dividing the scaled revenues by the applicable billing determinants to get Staff's recommended rates. This results in individual rates for each class being scaled down proportionally to achieve the targeted level of class revenue requirement. Staff's recommended rates can be found in Attachment EB-6.

VI. BASELINE VALUES

Q. What are baseline values?

A. Baseline values represent a detailed snapshot of some of the functional values used to set base rates in the base rate case.

Q. What is the purpose of establishing baseline values for the PCRF, TCRF, and DCRF?

A. The PCRF, TCRF, and DCRF (collectively “cost recovery factors”) proceedings involve a determination of costs that are not being recovered in base rates. Therefore, establishing baseline values in this case that accurately reflect the costs that are included in base rates is necessary to facilitate the processing of future cost recovery factor proceedings. Staff’s recommended cost recovery baselines can be found in Attachment EB-8.

VII. CONCLUSION

Q. Do you have any additional recommendations regarding the Company’s application?

A. Not at this time.

Q. Are there any additional adjustments to the Company’s case that may be reasonable?

A. Yes, the above recommendations are based on my review of ETI’s application to date. Additional adjustments to ETI’s proposal may be appropriate.

Q. Does this conclude your direct testimony?

A. Yes.

Ethan N. Blanchard
Public Utility Commission of Texas
1701 North Congress Avenue
Austin, TX 78701

REGULATORY EXPERIENCE:

Public Utility Commission of Texas, Rate Regulation Division

Rate Analyst, Tariff and Rate Analysis Section

Employed: June 2021 to present.

Duties: Perform analysis of tariff filings, cost allocation, and rate design. Review tariffs of regulated utilities to determine compliance with Commission requirements. Analyze cost allocation studies and rate design issues for regulated electric and water utilities. Analyze policy issues associated with the regulation of the utility industry. Work on contested cases, reports, the development of market rules, and financial review for certifications to regulated water and telecommunication utilities as well as deregulated retail electric providers. Prepare and present testimony as an expert witness on rate and related issues in docketed proceedings before the Commission and the State Office of Administrative Hearings.

EDUCATION:

2021 **Catholic University of America**
 Bachelor of Science: International Economics & Finance - Honors
 Minor in French & Francophone Studies

List of Memoranda Filed at the Public Utility Commission of Texas in lieu of Testimony:

Docket No. 53323, *Compliance Project for Docket No. 52397 (Application of Southwestern Electric Power Company to Implement a Net Interim Fuel Surcharge)* – April 11, 2022

Docket No. 53217, *Application of CenterPoint Energy Houston Electric, LLC For Interim Update of Wholesale Transmission Rates* – March 16, 2022

Docket No. 53186, *Interim True-Up Compliance Filing for AEP Texas Inc. Concerning Rider SRC – System Restoration Charge Factors* – February 15, 2022

Docket No. 52905, *Petition of AEP Texas Inc. To Update Its Transmission Cost Recovery Factor* – January 5, 2022

Docket No. 52903, *Petition of Texas-New Mexico Power Company to Update Its Transmission Cost Recovery Factor* – Jan. 12, 2022

Docket No. 52884, *Application of Pedernales Electric Cooperative, Inc. For Interim Update of Wholesale Transmission Rates* – December 29, 2021

Docket No. 52876, *Non-Standard True-Up Filing of AEP Texas Inc. In Accordance with The Financing Order in Docket No. 39931* – February 2, 2022

Docket No. 52846, *Compliance Filing of CenterPoint Energy Houston Electric, LLC For a Standard True-Up of System Restoration Charges Under Schedule TC5* – December 1, 2021

Docket No. 52755, *Application of Entergy Texas, Inc. To Update Its Mark to Market Rider Consistent with The Commission's Order in Docket No. 51095* – January 24, 2022

Docket No. 52741, *Application of Bluebonnet Electric Cooperative, Inc. For Interim Update of Wholesale Transmission Rates* – December 6, 2021

Docket No. 52720, *Application of South Texas Electric Cooperative, Inc. For Interim Update of Wholesale Transmission Rates* – December 6, 2021

PUBLIC UTILITY COMMISSION OF TEXAS
ENTERGY TEXAS, INC. RATE CASE
PUC DOCKET NO. 53719
TEST YEAR ENDING 12/31/2021
ATTACHMENT EB-3
CCOSS SUMMARY

SCHEDULE A--OVERALL COST OF SERVICE

DESCRIPTION	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE	TOTAL COMPANY
Operating Expenses							
Operation and Maintenance Expense	266,783,852	19,209,537	86,601,756	26,430,611	102,365,654	4,805,442	506,196,853
Depreciation and Amortization Expense	168,656,297	12,296,028	55,822,310	15,898,379	54,933,413	4,624,716	312,231,142
Total Taxes Other Than Income	38,894,673	2,828,381	15,038,676	4,721,341	14,396,908	982,707	76,862,686
Total Income Taxes	31,504,533	2,139,603	10,840,267	3,196,631	9,335,957	843,230	57,860,221
Revenue Deficiency	2,561,835	110,490	605,490	164,717	541,212	43,153	4,026,897
Total Operating Expenses	508,401,189	36,584,039	168,908,499	50,411,679	181,573,144	11,299,249	957,177,799
Return on Rate Base	156,913,624	10,594,490	54,178,556	15,983,412	46,343,036	4,209,200	288,222,318
Less Other Revenues Included In Operating Expenses	38,443,191	2,354,721	13,607,465	4,374,131	16,570,822	318,228	75,668,558
Total Base Rate Revenue Requirement	626,871,622	44,823,809	209,479,590	62,020,960	211,345,358	15,190,220	1,169,731,558
Total Rate Base	2,395,627,848	161,747,942	827,153,522	244,021,560	707,527,267	64,262,589	4,400,340,728

SCHEDULE B-1--SUMMARY OF RATE BASE
AND RETURN

DESCRIPTION	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE	TOTAL COMPANY
Original Cost of Plant	3,756,730,071	254,299,225	1,277,816,557	376,649,629	1,098,688,423	99,772,437	6,863,956,342
Accumulated Provision for Depreciation	(1,076,054,159)	(75,587,891)	(353,480,425)	(103,619,873)	(326,579,733)	(27,088,888)	(1,962,410,969)
NET PLANT IN SERVICE	2,680,675,912	178,711,334	924,336,132	273,029,757	772,108,690	72,683,549	4,901,545,373
Other Rate Base Items:							
Working cash	(4,559,115)	(307,816)	(1,574,151)	(464,397)	(1,346,485)	(122,302)	(8,374,265)
Fuel inventories	16,155,924	1,265,997	8,164,381	3,318,557	19,342,130	234,264	48,481,254
Materials and supplies	35,027,716	2,323,989	12,170,061	3,629,744	11,100,647	885,316	65,137,473
Prepayments	13,513,508	964,361	4,606,594	1,371,095	4,218,059	358,156	25,031,774
Property Insurance Reserve	10,145,807	705,809	3,495,490	991,951	2,038,394	353,196	17,730,648
Injuries and Damages Reserve	(3,349,932)	(272,119)	(1,030,409)	(299,458)	(1,121,197)	(83,705)	(6,156,819)
Coal Car Maintenance Reserve	-	-	-	-	-	-	-
Unfunded Pension Plans	37,959,412	3,083,490	11,675,970	3,393,275	12,704,734	948,494	69,765,375
Allowance Inventory	6,098,939	477,920	3,082,093	1,252,771	7,301,747	88,436	18,301,905
Commercial Litigation Reserve	-	-	-	-	-	-	-
Environmental Reserve	(1,220,090)	(88,646)	(416,940)	(112,433)	(193,252)	(53,638)	(2,084,999)
Customer Deposits	(20,295,239)	(1,367,169)	(7,005,713)	(2,067,084)	(5,989,069)	(546,273)	(37,270,548)
Regulatory Assets & Liabilities	51,794,674	5,034,039	16,849,043	3,403,513	13,266,982	953,714	91,301,967
ADFIT	(419,689,800)	(28,336,063)	(144,908,638)	(42,750,075)	(123,950,771)	(11,258,479)	(770,893,825)
Rate Case Expense	113,165	8,092	37,816	11,196	38,153	2,742	211,164
Incentive Compensation Not Categorized	(6,743,033)	(455,276)	(2,328,209)	(686,853)	(1,991,494)	(180,881)	(12,385,747)
TOTAL RATE BASE	2,395,627,848	161,747,942	827,153,522	244,021,560	707,527,267	64,262,589	4,400,340,728
Rate of Return	6.550%	6.550%	6.550%	6.550%	6.550%	6.550%	
TOTAL RETURN	156,913,624	10,594,490	54,178,556	15,983,412	46,343,036	4,209,200	288,222,318

PUBLIC UTILITY COMMISSION OF TEXAS
ENERGY TEXAS, INC. RATE CASE
PUC DOCKET NO. 53719
TEST YEAR ENDING 12/31/2021
ATTACHMENT EB-4
UNIT COST ANALYSIS

FUNCTION	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE
CLASSIFIED UNIT COSTS						
Customer-Related Costs per Customer Bill	\$ 16.18	\$ 21.46	\$ 68.43	\$ 531.82	\$ 9,511.30	\$ 278.01
Demand-Related Costs per Billing Unit	\$ 0.086917	\$ 0.071227	\$ 17.43	\$ 20.23	\$ 11.95	\$ 0.066426
Energy-Related Costs per kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PRODUCTION - DEMAND (PG-DD)						
\$/ kWh	\$ 0.044368	\$ 0.035663	\$ 0.031440	\$ 0.025254	\$ 0.018381	\$ 0.027195
\$/ kW / Month			\$ 9.0114	\$ 11.1344	\$ 8.8678	
\$/ Customer / Month	\$ 54.81	\$ 38.20	\$ 413.86	\$ 7,000.91	\$ 98,373.49	\$ 75.07
PRODUCTION - ENERGY (PG-EE)						
\$/ kWh	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$/ kW / Month			\$ -	\$ -	\$ -	
\$/ Customer / Month	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TRANSMISSION - HIGH VOLTAGE (TH)						
\$/ kWh	\$ 0.006857	\$ 0.005451	\$ 0.004684	\$ 0.003690	\$ 0.002822	\$ 0.004158
\$/ kW / Month			\$ 1.3425	\$ 1.6270	\$ 1.3615	
\$/ Customer / Month	\$ 8.47	\$ 5.84	\$ 61.66	\$ 1,023.03	\$ 15,103.01	\$ 11.48
TRANSMISSION - LOW VOLTAGE (TL)						
\$/ kWh	\$ 0.009253	\$ 0.007345	\$ 0.006325	\$ 0.004983	\$ 0.002357	\$ 0.005637
\$/ kW / Month			\$ 1.8129	\$ 2.1968	\$ 1.1372	
\$/ Customer / Month	\$ 11.43	\$ 7.87	\$ 83.26	\$ 1,381.29	\$ 12,615.75	\$ 15.56
DISTRIBUTION - PRIMARY LINES (D1)						
\$/ kWh	\$ 0.012318	\$ 0.011199	\$ 0.009471	\$ 0.006648	\$ 0.000837	\$ 0.016126
\$/ kW / Month			\$ 2.7147	\$ 2.9310	\$ 0.4039	
\$/ Customer / Month	\$ 15.22	\$ 12.00	\$ 124.68	\$ 1,842.93	\$ 4,480.85	\$ 44.51

FUNCTION	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE
DISTRIBUTION - SECONDARY LINES (D2)						
\$/ kWh	\$ 0.002953	\$ 0.002410	\$ 0.001696	\$ 0.000927	\$ 0.000096	\$ 0.002863
\$/ kW / Month			\$ 0.4861	\$ 0.4087	\$ 0.0464	
\$/ Customer / Month	\$ 3.65	\$ 2.58	\$ 22.32	\$ 256.98	\$ 514.48	\$ 7.90
DISTRIBUTION - SUBSTATIONS (DS)						
\$/ kWh	\$ 0.004306	\$ 0.003882	\$ 0.003334	\$ 0.002340	\$ 0.000253	\$ 0.005432
\$/ kW / Month			\$ 0.9557	\$ 1.0317	\$ 0.1222	
\$/ Customer / Month	\$ 5.32	\$ 4.16	\$ 43.89	\$ 648.67	\$ 1,355.26	\$ 14.99
DISTRIBUTION - LINE TRANSFORMERS (DX)						
\$/ kWh	\$ 0.006863	\$ 0.005275	\$ 0.003877	\$ 0.002044	\$ 0.000015	\$ 0.005016
\$/ kW / Month			\$ 1.1114	\$ 0.9013	\$ 0.0071	
\$/ Customer / Month	\$ 8.48	\$ 5.65	\$ 51.04	\$ 566.72	\$ 79.04	\$ 13.85
DISTRIBUTION - CUSTOMER (DV, DM, DI, DG)						
\$/ kWh	\$ 0.005992	\$ 0.011462	\$ 0.003467	\$ 0.001100	\$ 0.000874	\$ 0.095645
\$/ kW / Month			\$ 0.9936	\$ 0.4848	\$ 0.4215	
\$/ Customer / Month	\$ 7.40	\$ 12.28	\$ 45.63	\$ 304.84	\$ 4,675.59	\$ 264.02
CUSTOMER ACCOUNTING (CM, CR)						
\$/ kWh	\$ 0.006169	\$ 0.007541	\$ 0.001481	\$ 0.000678	\$ 0.000773	\$ 0.004243
\$/ kW / Month			\$ 0.4246	\$ 0.2991	\$ 0.3731	
\$/ Customer / Month	\$ 7.62	\$ 8.08	\$ 19.50	\$ 188.08	\$ 4,138.89	\$ 11.71
CUSTOMER SERVICE (CS)						
\$/ kWh	\$ 0.000935	\$ 0.001032	\$ 0.000251	\$ 0.000140	\$ 0.000130	\$ 0.000823
\$/ kW / Month			\$ 0.07193	\$ 0.06187	\$ 0.06281	
\$/ Customer / Month	\$ 1.16	\$ 1.11	\$ 3.30	\$ 38.90	\$ 696.81	\$ 2.27
Billable Units (P-6-1.1)						
kWh	6,267,849,923	491,157,000	3,172,640,000	1,297,407,000	7,963,774,000	90,885,214
kW/Month	0	0	11,069,113	2,942,618	16,506,821	0
Customer/Month	5,073,780	458,484	241,020	4,680	1,488	32,924

PUBLIC UTILITY COMMISSION OF TEXAS
ENTERGY TEXAS, INC. RATE CASE
PUC DOCKET NO. 53719
TEST YEAR ENDING 12/31/2021
ATTACHMENT EB-5
EQUALIZED RATE OF RETURN

FUNCTION	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE	TOTAL COMPANY
Production	\$ 278,088,913	\$ 17,516,256	\$ 99,747,730	\$ 32,764,244	\$ 146,379,759	\$ 2,471,658	\$ 576,968,560
Production Demand	\$ 278,088,913	\$ 17,516,256	\$ 99,747,730	\$ 32,764,244	\$ 146,379,759	\$ 2,471,658	\$ 576,968,560
Production Energy	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Production Energy - In-City	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transmission	\$ 100,978,209	\$ 6,285,165	\$ 34,927,410	\$ 11,252,208	\$ 41,245,509	\$ 890,186	\$ 195,578,687
Transmission Demand High Voltage	\$ 42,980,348	\$ 2,677,391	\$ 14,860,298	\$ 4,787,764	\$ 22,473,277	\$ 377,885	\$ 88,156,962
Transmission Demand Low Voltage	\$ 57,997,861	\$ 3,607,774	\$ 20,067,112	\$ 6,464,444	\$ 18,772,232	\$ 512,302	\$ 107,421,725
Distribution	\$ 203,276,545	\$ 16,811,910	\$ 69,308,285	\$ 16,942,232	\$ 16,524,565	\$ 11,368,001	\$ 334,231,539
Distribution Demand - Primary	\$ 77,206,433	\$ 5,500,306	\$ 30,049,255	\$ 8,624,918	\$ 6,667,501	\$ 1,465,591	\$ 129,514,004
Distribution Demand - Secondary	\$ 18,511,025	\$ 1,183,865	\$ 5,380,546	\$ 1,202,655	\$ 765,552	\$ 260,184	\$ 27,303,827
Distribution Demand - Substations	\$ 26,987,003	\$ 1,906,871	\$ 10,578,636	\$ 3,035,756	\$ 2,016,620	\$ 493,677	\$ 45,018,563
Distribution Line Transformers	\$ 43,013,310	\$ 2,590,996	\$ 12,301,836	\$ 2,652,258	\$ 117,609	\$ 455,845	\$ 61,131,853
Distribution Lighting	\$ 1,230,307	\$ 101,411	\$ 395,233	\$ 105,668	\$ 267,568	\$ 8,334,014	\$ 10,434,201
Distribution Customer - Meters	\$ 14,904,965	\$ 2,316,487	\$ 6,393,551	\$ 814,405	\$ 5,612,531	\$ 179,396	\$ 30,221,335
Distribution Customer - Services	\$ 19,680,540	\$ 3,056,676	\$ 3,852,542	\$ 423,251	\$ 836,792	\$ 139,251	\$ 27,989,053
Distribution Customer - General	\$ 1,742,961	\$ 155,298	\$ 356,686	\$ 83,321	\$ 240,393	\$ 40,043	\$ 2,618,703
Customer Service	\$ 44,527,955	\$ 4,210,478	\$ 5,496,165	\$ 1,062,276	\$ 7,195,524	\$ 460,375	\$ 62,952,773
Customer Service - Meter Reading	\$ 6,265,193	\$ 848,923	\$ 1,458,814	\$ 271,328	\$ 1,453,843	\$ 55,725	\$ 10,353,826
Customer Service - Customer Records	\$ 32,399,741	\$ 2,854,842	\$ 3,241,118	\$ 608,893	\$ 4,704,832	\$ 329,894	\$ 44,139,320
Customer Service - Customer Service	\$ 5,863,021	\$ 506,713	\$ 796,233	\$ 182,055	\$ 1,036,849	\$ 74,756	\$ 8,459,627
TOTAL BASE REV. REQ. @ EQUALIZED ROR	\$ 626,871,622	\$ 44,823,809	\$ 209,479,590	\$ 62,020,960	\$ 211,345,358	\$ 15,190,220	\$ 1,169,731,558

Description	Billing Units	Current Rates	ETI Requested Base Rates	Company Proposed Present Revenues	ETI Proposed Revenues	TARGET REVENUES STAFF	Staff Proposed Rates	Rate Change From ETI Requested	STAFF PROOF OF REVENUES	DELTA
RESIDENTIAL SERVICE										
Customer Charge	5,073,780	10.0000	16.9600	50,737,800	86,051,309	82,150,463	\$ 16.19	\$ (0.7700)	82,144,498	
Energy Charge (\$/kWh) Summer all kWh	3,568,523,397	0.0697	0.0944	248,761,766	337,011,350	321,734,079	\$ 0.09016	\$ (0.0043)	321,748,775	
Energy Charge (\$/kWh) Winter (<= 1000 kWh)	1,814,807,178	0.0697	0.0944	126,510,208	171,390,390	163,620,986	\$ 0.09016	\$ (0.0043)	163,628,440	
Energy Charge (\$/kWh) Winter (> 1000 kWh)	883,845,041	0.0519	0.0703	45,853,881	62,134,306	59,317,658	\$ 0.06712	\$ (0.0032)	59,321,028	
TOD On-peak (May-Oct)	101,271	0.1613	0.2185	16,332	22,123	21,120	\$ 0.20855	\$ (0.0099)	21,120	
TOD On-peak (Nov-Apr)	67,446	0.1060	0.1436	7,149	9,685	9,246	\$ 0.13708	\$ (0.0065)	9,246	
TOD Off-peak	505,590	0.0276	0.0374	13,975	18,929	18,071	\$ 0.03575	\$ (0.0017)	18,072	
Total Base Rate kWh Sales and Revenues	6,272,923,703			471,901,111	656,638,091	626,871,622	\$ -		626,891,198	-19,577
Public Benefit Funds				(2,500,000)	(2,500,000)	-2,500,000	\$ -		-2,500,000	
Total RS Base Revenue				469,401,111	654,138,091	624,371,622	\$ -			
Riders										
AMS	5,073,780	2.8800	2.8800	14,612,486	14,612,486	14,612,486	\$2.88	\$ -	14,612,486	
DCRF	6,267,849,923	0.0039	0.0000	24,494,757	0	0	\$ -	\$ -	0	
EECRF	6,267,849,923	0.0010	0.0010	6,437,082	6,437,082	6,437,082	\$0.001027	\$ -	6,437,082	
HRC	6,267,849,923	0.0000	0.0000	0	0	0	\$ -	\$ -	0	
PCF	6,267,849,923	0.0000	0.0000	0	0	0	\$ -	\$ -	0	
SCO-2	6,267,849,923	(0.0000)	(0.0000)	(225,643)	(225,643)	-225,643	(\$0.000036)	\$ -	-225,643	
SRC	6,267,849,923	0.0050	0.0050	31,589,964	31,589,964	31,589,964	\$0.005040	\$ -	31,589,964	
SRC-2	6,267,849,923	0.0033	0.0033	20,558,548	20,558,548	20,558,548	\$0.003280	\$ -	20,558,548	
TCRF	6,267,849,923	0.0054	0.0000	34,021,889	0	0	\$ -	\$ -	0	
TTC	6,267,849,923	0.0000	0.0000	0	0	0	\$ -	\$ -	0	
FFF	6,267,849,923	0.0381	0.0381	238,591,975	238,591,975	238,591,975	\$0.038066	\$ -	238,591,975	
RCE-4	6,267,849,923	0.0002	0.0002	1,190,891	1,190,891	1,190,891	\$0.000190	\$ -	1,190,891	
GCRR	6,267,849,923	0.0068	0.0068	42,470,951	0	0	\$0.006776	\$ -	42,470,951	
MTM	6,267,849,923	(0.0002)	(0.0002)	(1,309,981)	(1,309,981)	-1,309,981	(\$0.000209)	\$ -	-1,309,981	
TCJA	0	(0.0582)	(0.0582)	(27,326,655)	(27,326,655)	-27,326,655	(\$0.058216)	\$ -	0	
FITC	0	(0.0076)	(0.0076)	(3,566,510)	(3,566,510)	-3,566,510	-0.57%	\$ 0.0019	-3,736,540	
Total Riders				381,539,756	280,552,158	280,552,158	\$ -		350,179,734	
Total Revenue				850,940,867	934,690,249	904,923,780	\$ -		974,570,932	
SMALL GENERAL SERVICE										
Customer Charge	441,420	14.1900	24.5200	6,263,750	10,823,618	10,458,670	\$ 23.69	\$ (0.8300)	10,457,240	
Customer Charge - Nonmetered Customers	14,328	10.0900	17.4000	144,570	249,307	240,901	\$ 16.81	\$ (0.5900)	240,854	
Customer Charge-TSS	1,741	0.0000	8.0000	0	13,928	13,458	\$ 7.73	\$ (0.2700)	13,458	
Energy Charge (\$/kWh)	482,748,000	0.0615	0.0721	29,689,002	34,786,821	33,613,885	\$ 0.07	\$ (0.0021)	33,792,360	
Energy Charge- Nonmetered Customers	5,857,000	0.0615	0.0721	360,206	422,055	407,825	\$ 0.06963	\$ (0.0024)	407,794	
Energy Charge (\$/kWh) - TSS	2,552,000	0.0308	0.0361	78,678	92,178	89,070	\$ 0.03489	\$ (0.0012)	89,049	
Total Base Rate kWh Sales and Revenues	8,409,000			36,536,205	46,387,908	44,823,809	\$ -		45,000,755	-176,946
Riders										
AMS	441,420	4.2600	4.2600	1,880,449	1,880,449	1,880,449	\$4.26	\$ -	1,880,449	
DCRF	491,157,000	0.0037	0.0000	1,802,055	0	0	\$ -	\$ -	0	
EECRF	491,157,000	0.0010	0.0010	479,369	479,369	479,369	\$0.000976	\$ -	479,369	
HRC	491,157,000	0.0000	0.0000	0	0	0	\$ -	\$ -	0	
PCF	491,157,000	0.0000	0.0000	0	0	0	\$ -	\$ -	0	
SCO-2	491,157,000	(0.0000)	(0.0000)	(16,699)	(16,699)	-16,699	(\$0.000034)	\$ -	-16,699	
SRC	491,157,000	0.0050	0.0050	2,441,050	2,441,050	2,441,050	\$0.004970	\$ -	2,441,050	
SRC-2	491,157,000	0.0031	0.0031	1,507,852	1,507,852	1,507,852	\$0.003070	\$ -	1,507,852	
TCRF	491,157,000	0.0039	0.0000	1,920,915	0	0	\$ -	\$ -	0	
TTC	491,157,000	0.0000	0.0000	0	0	0	\$ -	\$ -	0	
FFF	491,157,000	0.0381	0.0381	18,696,382	18,696,382	18,696,382	\$0.038066	\$ -	18,696,382	
RCE-4	491,157,000	0.0002	0.0002	97,249	97,249	97,249	\$0.000198	\$ -	97,249	
GCRR	491,157,000	0.0056	0.0000	2,764,723	0	0	\$ -	\$ -	0	
MTM	491,157,000	(0.0002)	(0.0002)	(85,461)	(85,461)	-85,461	-0.000174	\$ -	-85,461	
TCJA	0	(0.0498)	(0.0498)	(1,820,745)	(1,820,745)	-1,820,745	0	\$ 0.0498	0	
FITC	0	(0.0064)	(0.0064)	(234,636)	(234,636)	-234,636	-0.52%	\$ 0.0012	-242,823	
Total Riders				29,432,504	22,944,811	22,944,811	\$ -		24,757,369	
Total Revenue				65,968,709	69,332,719	67,768,620	\$ -		69,758,123	
GENERAL SERVICE										
Customer Charge	240,972	39.2000	55.5239	9,446,102	13,379,715	12,824,080	\$ 53.22	\$ (2.3039)	12,824,530	
Demand Charge (\$/kW)	110,60,694	7.4000	10.0300	81,849,138	110,938,763	106,331,683	\$ 9.61	\$ (0.4200)	106,293,272	
Voltage Adjustment - Primary	494,803	(0.9600)	(1.3000)	(475,011)	(643,244)	-616,532	\$ (1.25)	\$ 0.0500	-618,504	
Voltage Adjustment - Transmission	125,825	(1.8300)	(2.4800)	(230,260)	(312,046)	-299,087	\$ (2.38)	\$ 0.1000	-299,464	
Energy Charge (\$/kWh)	3,172,504,000	0.0221	0.0300	70,112,338	95,111,670	91,161,859	\$ 0.02874	\$ (0.0012)	91,180,937	
TOD Customer Charge	48	39.2000	55.5239	1,882	2,665	2,554	\$ 53.22	\$ (2.3039)	2,555	
TOD Demand Charge (May-Oct)	3,938	11.0200	14.9400	43,397	58,834	56,390	\$ 14.32	\$ (0.6200)	56,392	
TOD Demand Charge (Nov-Apr)	4,481	5.7000	7.7300	25,542	34,638	33,200	\$ 7.41	\$ (0.3200)	33,204	
TOD Voltage Adjustment - Transmission	7,849	(1.8300)	(2.4800)	(14,364)	(19,466)	-18,657	\$ (2.38)	\$ 0.1000	-18,681	
TOD Energy Charge (\$/kWh) - On-peak (May-Oct)	15,000	0.0549	0.0745	824	1,117	1,071	\$ 0.07138	\$ (0.0031)	1,071	
TOD Energy Charge (\$/kWh) - On-peak (Nov-Apr)	14,000	0.0219	0.0296	306	415	398	\$ 0.02841	\$ (0.0012)	398	

TOD Energy Charge (\$/kWh) - Off-peak	107,000	0.0189	0.0257	2,023	2,745	2,631	\$	0.02459	\$	(0.0011)	2,631	
Total Base Rate kWh Sales and Revenues	3,172,640,000			160,761,917	218,555,806	209,479,590			\$	-	209,458,341	-21,249
									\$	-		
Riders									\$	-		
AMS	240,756	5.9400	5.9400	1,430,091	1,430,091	1,430,091		\$5.94000	\$	-	1,430,091	
D-CRF	11,069,113	0.8400	0.0000	9,298,055	0	0		-	\$	-	0	
EECRF	3,172,640,000	0.0010	0.0010	3,083,806	3,083,806	3,083,806		\$0.00097	\$	-	3,083,806	
HRC	3,172,640,000	0.0000	0.0000	0	0	0		-	\$	-	0	
PCF	3,172,640,000	0.0000	0.0000	0	0	0		-	\$	-	0	
SCO-2	3,172,640,000	(0.0000)	(0.0000)	(82,489)	(82,489)	-82,489		(\$0.00003)	\$	-	-82,489	
SRC	3,172,640,000	0.0047	0.0047	14,752,776	14,752,776	14,752,776		\$0.00465	\$	-	14,752,776	
SRC-2	3,172,640,000	0.0023	0.0023	7,360,525	7,360,525	7,360,525		\$0.00232	\$	-	7,360,525	
TCRF	11,069,113	1.2350	0.0000	13,670,355	0	0		-	\$	-	0	
TTC	3,172,640,000	0.0000	0.0000	0	0	0		-	\$	-	0	
FFF - GS	3,172,504,000	0.0380	0.0380	120,567,842	120,567,842	120,567,842		\$0.03800	\$	-	120,567,842	
FFF - GS-TOD	136,000	0.0377	0.0377	5,121	5,121	5,121		\$0.03765	\$	-	5,121	
RCE-4	3,172,640,000	0.0001	0.0001	409,271	409,271	409,271		\$0.00013	\$	-	409,271	
GCRR	11,069,113	1.4080	0.0000	15,585,311	0	0		-	\$	-	0	
MTM	11,069,113	(0.0434)	(0.0434)	(480,400)	(480,400)	-480,400		(\$0.04340)	\$	-	-480,400	
TCJA	3,172,640	0.0000	0.0000	0	0	0		-	\$	-	0	
FITC	3,172,640	0.0000	0.0000	0	0	0		-	\$	-	0	
Total Riders				185,600,264	147,046,543	147,046,543			\$	-	147,046,543	
Total Revenue				346,362,181	365,602,348	356,526,133			\$	-	356,504,884	
									\$	-		

LARGE GENERAL SERVICE

Customer Charge	4,656	125,7300	181,3765	585,399	844,489	809,058	\$	173.77	\$	(7.6065)	809,073	
Demand Charge (\$/kW)	2,921,739	14,1800	18,8400	41,430,265	55,045,571	52,736,086	\$	18.05	\$	(0.7900)	52,737,397	
Voltage Adjustment - Primary	708,878	(0.8100)	(1.0700)	(574,191)	(758,499)	-726,676	\$	(1.03)	\$	0.0400	-730,144	
Voltage Adjustment - Transmission	65,824	(1.5500)	(2.0700)	(102,027)	(136,256)	-130,539	\$	(1.98)	\$	0.0900	-130,332	
Energy Charge (\$/kWh)	1,284,873,000	0.0054	0.0072	6,964,012	9,263,934	8,875,258	\$	0.00692	\$	(0.0003)	8,888,751	
TOD Customer Charge	24	125,7300	181,3765	3,018	4,353	4,170	\$	173.77	\$	(7.6065)	4,170	
TOD Demand Charge (May-Oct)	10,871	17,5800	23,3700	191,112	254,055	243,396	\$	22.39	\$	(0.9800)	243,402	
TOD Demand Charge (Nov-Apr)	10,008	9,1200	12,1200	91,273	121,297	116,208	\$	11.61	\$	(0.5100)	116,193	
TOD Voltage Adjustment - Primary	11,478	0.0000	0.0000	0	0	0	\$	(1.03)	\$	(1.0300)	-11,822	
TOD Voltage Adjustment - Transmission	0	0.0000	0.0000	0	0	0	\$	(1.98)	\$	(1.9800)	0	
TOD Energy Charge (\$/kWh) - On-peak (May-Oct)	1,632,000	0.0147	0.0195	23,909	31,791	30,458	\$	0.018691	\$	(0.0008)	30,504	
TOD Energy Charge (\$/kWh) - On-peak (Nov-Apr)	1,477,000	0.0053	0.0070	7,769	10,339	9,905	\$	0.006717	\$	(0.0003)	9,921	
TOD Energy Charge (\$/kWh) - Off-peak	9,425,000	0.0045	0.0059	42,036	55,985	53,636	\$	0.005699	\$	(0.0002)	53,713	
Total Base Rate kWh Sales and Revenues	1,284,873,000			48,662,574	64,737,060	62,020,960			\$	-	61,574,746	-446,214

Riders

AMS	4,572	29,5000	29,5000	134,874	134,874	134,874		\$29,5000	\$	-	134,874
DCRF	2,942,618	0.7840	0.0000	2,307,013	0	0		-	\$	-	0
EECRF	1,297,407,000	0.0017	0.0017	2,208,187	2,208,187	2,208,187		\$0.0017	\$	-	2,208,187
HRC	1,297,407,000	0.0000	0.0000	0	0	0		-	\$	-	0
PCF	1,297,407,000	0.0000	0.0000	0	0	0		-	\$	-	0
SCO-2	1,297,407,000	(0.0000)	(0.0000)	(19,461)	(19,461)	-19,461		(\$0.0000)	\$	-	-19,461
SRC	1,297,407,000	0.0026	0.0026	3,321,362	3,321,362	3,321,362		\$0.0026	\$	-	3,321,362
SRC-2	1,297,407,000	0.0014	0.0014	1,816,370	1,816,370	1,816,370		\$0.0014	\$	-	1,816,370
TCRF	2,942,618	1.4880	0.0000	4,378,616	0	0		-	\$	-	0
TTC	1,297,407,000	0.0000	0.0000	0	0	0		-	\$	-	0
FFF - LGS	1,284,873,000	0.0378	0.0378	48,539,932	48,539,932	48,539,932		\$0.0378	\$	-	48,539,932
FFF - LGS-TOD	12,534,000	0.0375	0.0375	469,398	469,398	469,398		\$0.0375	\$	-	469,398
RCE-4	1,297,407,000	0.0001	0.0001	121,956	121,956	121,956		\$0.0001	\$	-	121,956
GCRR	2,942,618	1.7380	0.0000	5,114,271	0	0		-	\$	-	0
MTM	2,942,618	(0.0540)	(0.0540)	(158,901)	(158,901)	-158,901		(\$0.0540)	\$	-	-158,901
TCJA	0	0.0000	0.0000	0	0	0		-	\$	-	0
FTTC	0	0.0000	0.0000	0	0	0		-	\$	-	0
Total Riders				68,233,617	56,433,717	56,433,717			\$	-	56,433,717
Total Revenue				116,896,190	121,170,776	118,454,676			\$	-	118,008,463

LARGE INDUSTRIAL POWER SERVICE

Customer Charge	1,392	2,500,000	4,000,000	3,480,000	5,568,000	5,370,809	\$	3.858	\$	(141.6600)	5,370,809	
Demand Charge (May-Oct)	8,127,013	8,1500	10,8500	66,235,156	88,178,091	85,055,262	\$	10.47	\$	(0.3800)	85,089,826	
Demand Charge (Nov-Apr)	7,832,279	7,5800	10,0900	59,368,675	79,027,695	76,228,927	\$	9.73	\$	(0.3600)	76,208,075	
Voltage Adjustment - <69 kV	1,581,816	1.4200	1.8900	2,246,179	2,989,632	2,883,754	\$	1.82	\$	(0.0700)	2,878,905	
Voltage Adjustment - 69 kV	3,853,913	0.0500	0.0700	192,696	269,774	260,220	\$	0.07	\$	-	269,774	
Voltage Adjustment - 138 kV	5,008,261	(0.2900)	(0.3900)	(1,452,096)	(1,953,222)	-1,884,048	\$	(0.38)	\$	0.0100	-1,903,139	
Voltage Adjustment - 230 kV	5,515,302	(0.7500)	(1.0000)	(4,136,477)	(5,515,302)	-5,319,977	\$	(0.96)	\$	0.0400	-5,294,690	
Energy Charge (\$/kWh) - First 584 kWh per kW	7,334,606,000	0.0049	0.0065	35,697,527	47,535,581	45,852,108	\$	0.00626	\$	(0.0002)	45,885,295	
Energy Charge (\$/kWh) - Remaining kWh	461,526,000	0.0033	0.0043	1,505,498	2,003,946	1,932,976	\$	0.00419	\$	(0.0001)	1,935,640	
TOD Customer Charge	96	2,500,000	4,000,000	240,000	384,000	370,401	\$	3,858.34	\$	(141.6600)	370,401	
TOD Demand Charge (May-Oct)	279,925	8,9300	11,8800	2,499,730	3,325,509	3,207,736	\$	11.46	\$	(0.4200)	3,207,941	
TOD Demand Charge (Nov-Apr)	267,604	6,6100	8,8000	1,768,862	2,354,915	2,271,516	\$	8.49	\$	(0.3100)	2,271,958	
TOD Voltage Adjustment - 34.5 kV	60,000	1.4200	1.8900	85,200	113,400	109,384	\$	1.82	\$	(0.0700)	109,200	
TOD Voltage Adjustment - 69 kV	70,168	0.0500	0.0700	3,508	4,912	4,738	\$	0.07	\$	-	-	
TOD Voltage Adjustment - 138 kV	387,361	(0.2900)	(0.3900)	(1,123,35)	(1,510,71)	-1,457,221	\$	(0.38)	\$	0.0100	-147,197	
TOD Voltage Adjustment - 230 kV	30,000	(0.7500)	(1.0000)	(22,500)	(30,000)	-28,938	\$	(0.96)	\$	0.0400	-28,800	
TOD Energy Charge - First 584 kWh per kW	167,642,000	0.0049	0.0065	815,914	1,086,488	1,048,010	\$	0.006255	\$	(0.0002)	1,048,601	
TOD Energy Charge - Remaining kWh	0	0.0033	0.0043	0	0	0	\$	0.004188	\$	(0.0002)	0	
Rider IS - No Notice	831,634	(4.8800)	(4.8800)	(4,058,374)	(4,058,374)	-3,914,646	\$	(4.71)	\$	0.1700	-3,916,996	
Rider IS - 5 Minute Notice	541,069	(3.7500)	(3.7500)	(2,029,009)	(2,029,009)	-1,957,151	\$	(3.62)	\$	0.1300	-1,958,670	
Total Base Rate kWh Sales and Revenues	7,963,774,000			162,327,856	219,104,966	211,345,358	\$	-			211,396,932	51,574

Riders

AMS	444	35,3900	35,3900	15,713	15,713	15,713		\$35,3900	\$	-	15,713
DCRF	16,506,821	0.0470	0.0000	775,821	0	0		-	\$	-	0
EECRF (exc. Trans.)	662,980,000	(0.0000)	(0.0000)	(11,271)	(11,271)	-11,271		(\$0.0000)	\$	-	-11,271
HRC - LIPS	15,134,118	0.0000	0.0000	0	0	0		-	\$	-	0
HRC - LIPS-IS	1,372,703	0.0000	0.0000	0	0	0		-	\$	-	0
PCF	16,506,821	0.0000	0.0000	0	0	0		-	\$	-	0
SCO-2 (T & D)	1,641,816	(0.0058)	(0.0058)	(9,457)	(9,457)	-9,457		(\$0.0058)	\$	-	-9,457
SCO-2 (T only)	14,865,005	(0.0006)	(0.0006)	(8,622)	(8,622)	-8,622		(\$0.0006)	\$	-	-8,622
SRC	16,506,821	0.1365	0.1365	2,253,511	2,253,511	2,253,511		\$0.1365	\$	-	2,253,511
SRC-2 (T & D)	1,641,816	0.5230	0.5230	858,588	858,588	858,588		\$0.5230	\$	-	858,588
SRC-2 (T only)	14,865,005	0.0523	0.0523	777,886	777,886	777,886		\$0.0523	\$	-	777,886
TCRF	16,506,821	0.8320	0.0000	13,733,675	0	0		-	\$	-	0
TTC - LIPS	15,134,118	0.0000	0.0000	0	0	0		-	\$	-	0
TTC - LIPS-IS	1,372,703	0.0000	0.0000	0	0	0		-	\$	-	0
FFF - LIPS	7,796,132,000	0.0359	0.0359	279,600,478	279,600,478	279,600,478		\$0.0359	\$	-	279,600,478
FFF - LIPS-TOD	167,642,000	0.0361	0.0361	6,049,864	6,049,864	6,049,864		\$0.0361	\$	-	6,049,864
RCE-4	16,506,821	0.0252	0.0252	415,642	415,642	415,642		\$0.0252	\$	-	415,642
GCRR	16,506,821	1.4150	0.0000	23,357,152	0	0		-	\$	-	0
MTM	16,506,821	(0.0452)	(0.0452)	(746,108)	(746,108)	-746,108		(\$0.0452)	\$	-	-746,108
TCJA	0	0.0000	0.0000	0	0	0		-	\$	-	0
FTTC	0	0.0000	0.0000	0	0	0		-	\$	-	0
Total Riders				327,062,872	289,196,225	289,196,225			\$	-	289,196,225
Total Revenue				489,390,727	508,301,191	500,541,582			\$	-	500,593,156

LIGHTING SERVICE

Non-Roadway Lighting Service

High Pressure Sodium

4CEACG	319,648	6,9900	9,0500	2,234,340	2,892,814	2,727,111	\$	8.53	\$	(0.5200)	2726597.44
4CJ FLD	81,955	8,5200	11,0200	698,257	903,144	851,411	\$	10.39	\$	(0.6300)	851512.45
4CK FLD	55,783	15,8600	20,5400	884,718	1,145,783	1,080,151	\$	19.34	\$	(1.1800)	1079958.88
4CR FLD	14,065	27,7200	35,8900	389,882	504,793	475,878	\$	33.83	\$	(2.0600)	475818.95
4CW Shoe	0	21,0000	27,1900	0	0	0					
4CX Shoe	48	33,7400	43,6900	1,620	2,097	1,977	\$	41.19	\$	(2.5000)	1977.12
NA	0	36,7800	47,6300	0	0	0					
4DA Acom	144	13,1600	17,0400	1,895	2,454	2,313	\$	16.06	\$	(0.9800)	2312.64
4DB	44	19,0500	24,6700	838	1,085	1,023	\$	23.26	\$	(1.4100)	1023.44
4DC	36	10,7800	13,9600	388	503	474	\$	13.16	\$	(0.8000)	473.76
4DD Col	48	14,9200	19,3200	716	927	874	\$	18.21	\$	(1.1100)	874.08

Mercury Vapor

4CALSE	83,169	7,0200	9,1000	583,846	756,838	713,485	\$	8.58	\$	(0.5200)	713590.02
4CB LSE	469	2,1900	2,8400	1,028	1,333	1,257	\$	2.68	\$	(0.1600)	1257.88858
4CC LSE	463	12,6100	16,3300	5,838	7,561	7,128	\$	15.39	\$	(0.9400)	7125.57
4CD LSE	60	2,1900	2,8400	131	170	161	\$	2.68	\$	(0.1600)	160.7877626
4CL FLD	4,643	12,6100	16,3300	58,548	75,820	71,477	\$	15.39	\$	(0.9400)	71455.77
4CM FLD	0	14,8000	19,1700	0	0	0					
4CN FLD	2,529	18,4900	23,9400	46,761	60,544	57,076	\$	22.57	\$	(1.3700)	57079.53
4CO FLD	16	2,1900	2,8400	35	45	43	\$	2.68	\$	(0.1600)	42.89223744

Metal Halide

4CU FLD	17,235	13,7700	17,8300	237,326	307,300	289,698	\$	16.81	\$	(1.0200)	289720.35
4CS FLD	40,246	26,5200	34,3400	1,067,324	1,382,048	1,302,882	\$	32.37	\$	(1.9700)	1302763.02
4CV Sec	1,536	19,4500	25,2000	29,875	38,707	36,490	\$	23.76	\$	(1.4400)	36495.36
4CY	24	25,8000	33,4100	619	802	756	\$	31.50	\$	(1.9100)	756

Area Lighting Service- Light Emitting Diode (LED)

ALED A,ALED A_U	37,815	9,5400	12,3600	360,755	467,393	440,621	\$	11.65	\$	(0.7100)	440544.75
ALED B,ALED B_U	14,993	13,6800	17,7200	205,104	265,676	250,458	\$	16.70	\$	(1.0200)	250383.1
ALED C	11,655	18,9900	24,5900	221,328	286,596	270,180	\$	23.18	\$	(1.4100)	270162.9
ALED D	20,766	24,4200	31,6300	507,106	656,829	619,205	\$	29.82	\$	(1.8100)	619242.12
ALED E	36	21,9100	28,3700	789	1,021	963	\$	26.74	\$	(1.6300)	962.64
ALED F	12	27,9100	36,1400	335	434	409	\$	34.07	\$	(2.0700)	408.84
ALED G	247	12,1300	15,7100	2,996	3,880	3,658	\$	14.81	\$	(0.9000)	3658.07
ALED H	24	17,6200	22,8200	423	548	516	\$	21.51	\$	(1.3100)	516.24
ALED J	0	17,9400	23,2300	0	0	0					

Residential Lighting Service (RLU)

130-39MV	12,266	1,5400	1,9900	18,890	24,409	23,011	\$	1.88	\$	(0.1100)	23060.08
140 MV	0	0.9200	3,1800	0	0	0					
150 MV	0	0.9200	3,1800	0	0	0					
160-69MV	74,858	1,8200	2,3600	136,242	176,665	166,545	\$	2.22	\$	(0.1400)	166184.76
170 MV	59	0.9200	1,1900	55	71	67	\$	1.12	\$	(0.0700)	66.43304348
180-89MV	0	0.9200	1,1900	0	0	0					

190-99HPS	58,942	1,8900	2,4500	111,400	144,408	136,136	\$	2.31	\$	(0.1400)	136156.02
4JAMV	0	1.5400	1.9900	0	0	0					
<u>Residential Lighting Service-LED Option (RUU-LED)</u>				0	0	0					
RL200	0	1.8300	2.3700	0	0	0					
RL210	0	2.0100	2.6000	0	0	0					
RL220	12	1.8000	2.3300	22	28	26	\$	2.20	\$	(0.1300)	26.4
RL230	0	2.5300	3.2800	0	0	0					
RL240	0	3.9700	5.1400	0	0	0					
4CT	10,977	7.6700	9.9300	84,190	108,997	102,754	\$	9.36	\$	(0.5700)	102740.6685
4DE	60	12.0600	15.6200	724	937	884	\$	14.73	\$	(0.8900)	883.8122139
4DF	24	16.7400	21.6800	402	520	491	\$	20.44	\$	(1.2400)	490.56
4DG	391	5.8800	7.6100	2,300	2,976	2,806	\$	7.17	\$	(0.4400)	2804.189439
<u>Roadway Lighting Service</u>				0	0	0					
<u>High Pressure Sodium</u>				0	0	0					
4PA (A)	63,937	12.1800	15.7700	778,753	1,008,286	950,531	\$	14.87	\$	(0.9000)	950743.19
4PB (B)	60	7.3600	9.5300	442	572	539	\$	8.98	\$	(0.5500)	538.8
4PC (A)	21,356	14.9600	19.3700	319,486	413,666	389,970	\$	18.26	\$	(1.1100)	389960.56
SHPD	444	9.7400	12.6100	4,325	5,599	5,278	\$	11.89	\$	(0.7200)	5279.16
SHPE; SHPE_U	0	12.7800	16.5500	0	0	0					
SHPF; SHPF_U	0	14.7000	19.0300	0	0	0					
SHPM; SHPM_U	0	12.6500	16.3800	0	0	0					
SHPN; SHPN_U	0	12.2500	15.8600	0	0	0					
4PG4PJ (A)	345,929	6.9900	9.0500	2,418,044	3,130,657	2,951,230	\$	8.53	\$	(0.5200)	2950774.37
4PL (C) LSE	0	9.1800	11.8900	0	0	0					
SHPO	48	10.5400	13.6500	506	655	618	\$	12.87	\$	(0.7800)	617.76
4PP	892	7.5300	9.7500	6,717	8,697	8,199	\$	9.19	\$	(0.5600)	8197.48
4P4 (A) LSE	0	14.3700	18.6100	0	0	0					
<u>Mercury Vapor</u>				0	0	0					

PUBLIC UTILITY COMMISSION OF TEXAS
ENTERGY TEXAS, INC. RATE CASE
PUC DOCKET NO. 53719
TEST YEAR ENDING 12/31/2021
ATTACHMENT EB-7
CLASS TOTAL REVENUES

Rate Class	Present Revenues	ETI Revenue Change			Staff Revenue Change			
	ETI Proposed Present Revenues	ETI Proposed Revenue Requirement	Change from Present Revenues	Percent Increase	Staff Recommended Revenue Requirement	Change from Present Revenues	Percent Increase	Change from ETI's Proposed Revenue Requirement
Residential	\$ 850,940,867	\$ 934,690,249	\$ 83,749,382	9.84%	\$ 904,923,780	\$ 53,982,913	6.34%	\$ (29,766,469)
Small General Service	\$ 65,968,709	\$ 69,332,719	\$ 3,364,010	5.10%	\$ 67,768,620	\$ 1,799,911	2.73%	\$ (1,564,099)
General Service	\$ 346,362,181	\$ 365,602,348	\$ 19,240,167	5.55%	\$ 356,526,133	\$ 10,163,952	2.93%	\$ (9,076,216)
Large General Service	\$ 116,896,190	\$ 121,170,776	\$ 4,274,586	3.66%	\$ 118,454,676	\$ 1,558,486	1.33%	\$ (2,716,100)
Large Industrial Power Service	\$ 489,390,727	\$ 508,301,191	\$ 18,910,463	3.86%	\$ 500,541,582	\$ 11,150,855	2.28%	\$ (7,759,608)
Lighting Service	\$ 18,476,452	\$ 21,677,368	\$ 3,200,916	17.32%	\$ 20,754,385	\$ 2,277,934	12.33%	\$ (922,982)
TOTAL	\$ 1,888,035,126	\$ 2,020,774,652	\$ 132,739,525	7.03%	\$ 1,968,969,177	\$ 80,934,050	4.29%	\$ (51,805,475)

PUBLIC UTILITY COMMISSION OF TEXAS
ENTERGY TEXAS, INC. RATE CASE
PUC DOCKET NO. 53719
TEST YEAR ENDING 12/31/2021
ATTACHMENT EB-8
DCRF BASELINES

Staff Recommended
DCRF Baselines

	TOTAL	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE
DIC _{RC}	1,617,197,104	986,462,739	86,573,641	388,234,706	95,229,713	1,182,388	59,513,917
ROR _{AT}	6.5500%	6.5500%	6.5500%	6.5500%	6.5500%	6.5500%	6.5500%
DEPR _{RC}	88,714,969	57,990,590	4,288,670	16,767,934	4,123,421	3,319,409	2,224,945
FIT _{RC}	20,196,838	11,882,528	966,065	4,476,168	1,162,139	1,121,243	588,695
OT _{RC}	17,785,347	9,441,733	721,487	3,716,729	1,097,372	2,549,214	258,812
DISTREV _{RC}	232,623,565	143,928,161	11,646,796	50,390,206	12,620,477	7,067,312	6,970,613
ALLOC _{CLASS}		60.9983%	5.3533%	24.0066%	5.8886%	0.0731%	3.6801%
BD _{RC-CLASS}		6,267,850,073	491,156,231	3,172,640,780	1,297,405,646	7,963,773,970	90,885,214
BD _{RC-CLASS} BASIS		KWH	KWH	KWH	KWH	KWH	KWH

Distribution Plant	Labor	Plant in Service	Customer Accounting
100.00%	44.34%	36.73%	102.10%

PUBLIC UTILITY COMMISSION OF TEXAS
ENTERGY TEXAS, INC. RATE CASE
PUC DOCKET NO. 53719
TEST YEAR ENDING 12/31/2021
ATTACHMENT EB-8
TCRF BASELINES

Staff Recommended TCRF Baselines

	TOTAL	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE
TIC	1,405,300,479	707,442,835	41,348,465	251,011,729	83,420,873	320,479,733	1,596,843
ROR		6.5500%	6.5500%	6.5500%	6.5500%	6.5500%	6.5500%
RTIC	92,047,181	46,337,506	2,708,324	16,441,268	5,464,067	20,991,423	104,593
TDEPR	38,456,994	19,641,743	1,177,746	6,937,922	2,263,491	8,311,214	124,877
TFIT	12,421,129	6,293,172	374,429	2,219,832	731,379	2,776,333	25,985
TOT	14,590,367	7,941,870	542,590	2,712,398	804,153	2,392,647	196,708
TCRED	5,213,344	2,620,699	151,354	943,984	312,613	1,173,887	10,807
revreq†	152,302,327	77,593,591	4,651,736	27,367,437	8,950,477	33,297,729	441,358
ATC	7,043,367	3,591,262	215,337	1,268,517	413,853	1,531,566	22,832
ALLOC		100%	100%	100%	100%	100%	100%
ClassALLOC		50.9489%	3.0544%	17.9710%	5.8767%	21.8577%	0.2913%
RR	159,345,695	81,184,853	4,867,073	28,635,954	9,364,330	34,829,295	464,190
BD		6,267,850,073	491,156,231	3,172,640,780	1,297,405,646	7,963,773,970	90,885,214
BD BASIS		KWH	KWH	KWH	KWH	KWH	KWH

RBXNISC	Retail Sales	Plant in Service
33.48%	17.31%	31.69%

PUBLIC UTILITY COMMISSION OF TEXAS
ENTERGY TEXAS, INC. RATE CASE
PUC DOCKET NO. 53719
TEST YEAR ENDING 12/31/2021
ATTACHMENT EB-8
PCRF BASELINES

Staff Recommended
PCRF Baselines

	TOTAL	RESIDENTIAL SERVICE	SMALL GENERAL SERVICE	GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE INDUSTRIAL POWER SERVICE	LIGHTING SERVICE
PPC _{RC}	47,570,638	25,798,414	1,546,950	9,112,930	2,973,174	7,975,127	164,043
APC _{RC}	0	0	0	0	0	0	0
OSM _{RC}	17,162,695	8,244,255	494,337	2,912,063	950,058	4,509,567	52,415
PCIC _{RC}	648,235,750	298,230,020	17,035,544	106,234,129	35,865,759	191,260,137	-389,840
ROR _{AT}	0.0655	0.0655	0.0655	0.0655	0.0655	0.0655	0.0655
PCDEP _{RC}	-682,766,356	-327,584,327	-19,618,473	-115,734,455	-37,793,427	-180,021,428	-2,014,247
PCFIT _{RC}	6,656,016	3,178,544	194,438	1,107,270	363,162	1,796,923	15,680
PCOT _{RC}	5,010,934	5,010,934	414,271	2,030,966	604,174	1,807,635	153,889
CBD _{RC}		6,267,850,073	491,156,231	3,172,640,780	1,297,405,646	7,963,773,970	90,885,214
CBD _{RC} BASIS		KWH	KWH	KWH	KWH	KWH	KWH

RBXNISC	Retail Sales	Plant in Service
28.92%	49.02%	31.58%

The following files are not convertible:

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