



**STATE OF NEW HAMPSHIRE
BEFORE THE
PUBLIC UTILITIES COMMISSION**

Docket No. DE 19-064

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Distribution Service Rate Case

DIRECT TESTIMONY

OF

DAVID A. HEINTZ

April 30, 2019

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ATTACHMENTS

Attachment	Title
DAH-1	Resume of David A. Heintz
DAH-2	Billing Monthly Billing Determinants, Normalized Base Revenues, Actual Base Revenues, Current Base Rates and Revenue Proof
DAH-3	Calculation of Permanent Class Revenue Targets and Rates
DAH-4	Rate M Outdoor Lighting Service Rate calculations and Impact per Fixture
DAH-5	Proposed Permanent Rates Annual Bill Impact Analysis
DAH-6	Current and Proposed Permanent Rates
DAH-7	Calculation of Proposed Step Adjustment Rates
DAH-8	Proposed Step Adjustment Annual Bill Impact Analysis
DAH-9	Monthly Residential Bill Impact Analysis, Permanent and Step

1 **I. INTRODUCTION AND BACKGROUND**

2 **Q. Mr. Heintz, please state your full name, business address, and position.**

3 A. My name is David A. Heintz. I am a Vice President with Concentric Energy Advisors,
4 293 Boston Post Road West, Suite 500, Marlborough, MA. My professional
5 qualifications and experience are provided in Attachment DAH-1.

6 **Q. Mr. Heintz, have you previously testified before the New Hampshire Public Utilities**
7 **Commission (“NHPUC” or the “Commission”)?**

8 A. No.

9 **Q. What is the purpose of your testimony?**

10 A. The purpose of my testimony is to (a) explain the development of test year billing
11 determinants and base revenues for rate design, and (b) present and support the
12 calculations and analysis related to the Company’s proposed permanent and step
13 adjustment rates, including typical bill impact analyses.

14 **II. REVENUES**

15 **A. Test Year Revenue Proof**

16 **Q. Please explain the purpose of the test year distribution revenue proof?**

17 A. The purpose of the test year distribution revenue proof is to verify that the billing
18 determinants that I am using to design rates are accurate and suitable for use in
19 developing proposed rates and revenues in this proceeding. For this purpose, I have
20 prepared Attachment DAH-2, which shows (1) test year billing determinants, (2) test year

1 normalized revenues, (3) test year revenues calculated at the monthly effective rates, and
2 (4) the rates in effect during the test year.

3 **Q. Please describe the analysis of test year normalized revenues that you prepared.**

4 A. I prepared Attachment DAH-2 to show test year revenues calculated by applying the
5 Company's currently effective distribution rates¹ to the Company's test year billing
6 determinants. The Company's test year billing determinants are provided in Attachment
7 DAH-2, and the currently effective rates are provided in Attachment DAH-6.

8 **Q. Please describe the analysis that you prepared of test year revenues calculated at the**
9 **monthly effective rates.**

10 A. I prepared Attachment DAH-2 to show test year revenues calculated by applying (1) rates
11 that are the sum of the Company's distribution rates and the REP / VMP rates that were
12 in effect in each month of the test year, and (2) the Company's test year billing
13 determinants. The rates that were in effect in each month of the test year are provided in
14 Attachment DAH-2, pages 12 and 13. As shown on page 11 of Attachment DAH-2, the
15 calculated test year distribution revenues are \$51,681, or 0.128%, less than Company test
16 year distribution revenues. This \$51,681 difference between calculated distribution
17 revenues and the Company's distribution revenues is primarily caused by proration of the
18 base distribution rates that became effective June 1, 2018.²

¹ The Company's currently effective rates are included in the Company's tariffs, NHPUC No. 20 – ELECTRICITY DELIVERY LIBERTY UTILITIES.

² Specifically, the Company's June 2018, revenues reflect that customers' June bills were calculated by applying approved rates for May and June 1, 2018, on a prorated basis based on meter read dates. The distribution revenues shown in Attachment DAH-2, Pages 8-10 for June 2018 were calculated by applying the rates that became effective June 1 to customers' June 2018 bills.

1 **III. RATE DESIGN**

2 **A. Introduction**

3 **Q. Please describe the principles that were followed in designing the Company's**
4 **proposed rates.**

5 A. The proposed rates represent a balancing of the principles of appropriate rate design
6 which include efficiency, simplicity, continuity of rates, fairness between rate classes,
7 and corporate earnings stability.

8 **Q. Please explain your understanding of these principles.**

9 A. An efficient rate structure promotes economically justified use of the Company's sales
10 and distribution services and discourages wasteful use. As explained in the following
11 section of this testimony, the results of the Marginal Cost Study (Attachment MFB-10
12 included with the testimony of Melissa F. Bartos) were used to develop the rate design.

13 Rate design simplicity is achieved if customers understand the basis for the monthly bills
14 that they receive, especially the level of rates and the rate structure. Rate continuity
15 requires that changes to the rate structure should not be abrupt and unexpected; gradual
16 changes to the rate structure should allow customers time to modify their usage patterns.

17 A rate design is fair if no customer class pays more than the costs to serve that class. A
18 rate design provides for earnings stability if the Company has a reasonable opportunity to
19 earn its allowed rate of return during the time that the rates are in effect.

1 **B. Permanent Rates**

2 **1. Class Revenue Requirements**

3 **Q. What is the revenue requirement that was used to design the Company's proposed**
4 **permanent base rates?**

5 **A.** Base rates were designed to recover \$45,441,322. This amount is the sum of the
6 \$39,758,220 test year normalized revenues³ calculated in Attachment DAH-2 plus the
7 revenue deficiency of \$5,683,102 discussed in the testimony of Company witnesses
8 Philip Greene and David Simek.

9 **Q. How did you assign the total Base Revenue Requirement to each of the Company's**
10 **rate classes?**

11 **A.** Class revenue targets were based on the results of the marginal cost of service study
12 ("MCS") adjusting using the Equi-Proportional Method ("EPM") to recover the allowed
13 revenue requirements. As shown in Attachment MFB-10, the total delivery service
14 marginal cost is \$42,833,810⁴ Because the total delivery service marginal cost does not
15 equal the Company's revenue requirement, the delivery service marginal cost for each
16 rate class was adjusted on a pro-rata basis using the EPM. Because the EPM method
17 adjusts all marginal costs by a uniform percentage, the marginal cost-based price signals
18 are preserved. In this context, the marginal cost price signals include both the overall
19 level of the revenue target for each rate class, and the specific customer charges and

³ The test year normalized distribution revenue used for rate design purposes is different from value shown in RR-2, because the calculation of normalized distribution revenue excludes bill adjustments, cancel/re-bills, credits, and proration of distribution rates that became effective June 1, 2018.

⁴ Excluding the calculated Rate M Outdoor Lighting class marginal cost.

1 variable (per kWh and per kW) rates charged to the customers in each rate class. As
2 explained in the following section, the equi-proportionally-adjusted delivery service
3 marginal costs, by rate class, were further adjusted to reflect rate design considerations of
4 continuity of rates and fairness between rate classes.

5 **Q. Have you prepared a schedule that shows how you determined the base revenue**
6 **target and the proposed rates for each class?**

7 A. Yes. Attachment DAH-3 shows how the class base revenue targets were determined, and
8 the process that was used to determine the final proposed rates. Attachment DAH-3
9 consists of the following sections that were included to assist in the rate design process:

10 Section A shows proforma test year normalized revenue detail;
11 Section B shows billing determinant detail;
12 Section C shows the development of class revenue targets; and
13 Section D shows the development of proposed rates.

14 Columns A through I show the data and analysis by rate class and total Company.

15 **Q. Please explain how you determined class revenue targets.**

16 A. The following process was used to determine class revenue targets:

- 17 a. "Current" total class revenues were calculated;
18 b. "Proposed" total class marginal costs were calculated;
19 c. Class impacts were assessed by comparing Current revenues to Proposed
20 revenues, and a rate continuity cap was established to limit the amount of the
21 increase assigned to any one class;

d. Revenue shortfalls that resulted from the class impact cap were assigned to all other classes; and

e. The final base revenue targets were determined, by class, including equi-proportionally-adjusted class marginal costs, class impact caps, and assignments of revenue shortfalls.

Q. Please explain the steps (a) and (b) in determining the class base revenue target process.

A. Attachment DAH-3, Section C, shows total proforma rates by rate class at current rates. Section C of Attachment DAH-3 also shows that total class targets were calculated by applying an Equi-proportional Adjustment Factor (Attachment DAH-3, Line 44) to the Total Class Delivery Service Marginal Costs, excluding Rate M (Attachment DAH-3, Lines 35).

Q. Please explain Step (c) in the class base revenue target process, which you have described as testing class impacts by comparing current revenues to proposed revenues.

A. First, we calculated the difference by class between the proforma base revenues and the proposed revenues resulting from steps (a) and (b); this difference is the “Total Potential increase in Base Revenues” that is shown in Line 55 of Attachment DAH-3. We then calculated the percent change, by class, that the Total Potential Increase represents, relative to the current total class revenues that were calculated in Step (a). To maintain rate continuity, the percent increase in base revenues was limited to 17.15 percent, which

1 is 120 percent of the total Company increase, 14.29 percent, which is shown I Column J,
2 Line 41 of Attachment DAH-3. We determined that 120 percent was a reasonable cap
3 that would promote efficiency by ensuring that the final rates to most classes would
4 represent the cost to serve that class, and that the limited level cost subsidization created
5 by the cap would not unduly distort rate efficiencies.

6 **Q. Please explain Step (d) in the process that you used to determine class base revenue**
7 **targets.**

8 A. As a result of the constraint that no class could receive an increase that exceeded 120
9 percent of the overall Company increase, the sum of the class revenue targets after Step
10 (c) was less than the delivery service revenue requirement by \$830,467 (Attachment
11 DAH-3, Line 64). This revenue shortfall was allocated to all classes that were below the
12 cap by apportioning the shortfall to each of these classes in proportion to their relative
13 contribution to total company test year revenues.

14 **Q. Please explain Step (e) in the class base revenue target process.**

15 A. As the final step, the final base revenue targets for each class were determined by
16 summing the class revenue requirements plus adjustments calculated in steps (a) through
17 (d).

18 **2. Rate Design for Permanent Rates**

19 **Q. Please explain how you designed the Company's proposed base rates.**

20 A. The following process was used to design the Company's proposed base rates:

- 1 a. The appropriate level of customer charges and demand charges (for Rates G-1 and
2 G-2) were determined based on standard rate design considerations; and
3 b. The various energy charges (per kWh) for all rate classes were determined based
4 on rate continuity, rate equity, and marginal cost considerations.

5 **Q. Please explain the first step in the rate design process, determining the appropriate**
6 **level of customer charges.**

7 A. To determine the appropriate level of customer charges for each class, we considered: (1)
8 the marginal customer costs resulting from the marginal cost study; (2) rate continuity;
9 (3) rate simplicity, and (4) customer impacts. Based on these considerations, we
10 increased the customer charges for Rate D, D-10, G-1, G-2, G-3, T and V by the
11 Company's proposed percentage increase in temporary rates, discussed in testimony of
12 Company witnesses Philip Greene and David Simek.

13 Attachment DAH-3, Line 84, demonstrates that the proposed customer charges for these
14 classes are still significantly less than the unit marginal customer costs. Although
15 Attachment DAH-3, Line 84, also indicates that the proposed Rate G-1 and G-2 class
16 customer charges exceed the marginal unit customer costs, the customer charges for these
17 rate classes were increased by the class proposed increase in temporary rates, based on
18 rate continuity considerations. Specifically, if we had not increased the customer charge
19 for these classes, large customers in these classes would experience disproportionately
20 large increases, relative to smaller customers.

1 **Q. How does the proposed customer charge rate design reflect the Company's**
2 **proposed revenue decoupling mechanism?**

3 A. The proposed rate design holds fixed charges flat after the temporary rate across-the-
4 board percentage increase. Although the MCS clearly indicates that current fixed
5 monthly rates are significantly below costs, the Company recognizes that a rate design
6 with volumetric rates may help send a price signal to conserve usage. This is a similar
7 approach to the EnergyNorth rate design that accompanied the approved decoupling
8 mechanism in that case.

9 **Q. What if the Commission denies or materially alters the proposed decoupling**
10 **mechanism?**

11 A. If that were to occur the Company would request the opportunity to propose an
12 alternative rate design that includes increases to the fixed monthly charges for each rate
13 class.

14 **Q. Please explain how you determined the appropriate level of demand charges.**

15 A. The rate structures for Rates G-1 and G-2 include the following demand-related charges:
16 (a) Demand charges for the maximum peak period kW demand, measured in accordance
17 with tariff terms and provisions; (b) High Voltage Delivery credit per kW where service
18 is metered at the Company's supply line voltage; (c) Optional Demand Surcharge, which
19 is calculated as 20% of monthly demand and energy charges; and (d) High Voltage
20 Metering Adjustment, which is a discount of 1% on monthly charges. The Rates G-1 and
21 G-2 demand charges and the High Voltage Delivery Credits were increased by the

1 proposed increase in permanent rates for that rate class, as shown on Line 101 of
2 Attachment DAH-3, based on rate continuity considerations.

3 **Q. Please explain how you determined the energy-related charges (per kWh) for all**
4 **rate classes.**

5 A. First, we determined the revenues to be recovered from the energy-related rates by
6 subtracting the customer charge revenues and the demand-related revenues at proposed
7 rates from each class's revenue target. These remaining revenues are shown on
8 Attachment DAH-3, Line 106.

9 **Q. Please continue your discussion of how you determined energy-related charges.**

10 A. The percentage increase in energy-related rates, by class, is calculated on Line 129, and
11 the proposed energy-related rates are calculated by applying the percent change to each
12 of the current energy-related rates. The proposed rates are shown on Lines 131 through
13 136.

14 **Q. Please identify where the final proposed rates are shown.**

15 A. The proposed customer charges are provided on Attachment DAH-3, Line 83. The
16 proposed demand charges are shown on Attachment DAH-3, Lines 100-103. The
17 proposed energy-related charges are shown on Attachment DAH-3, Lines 131 - 136. The
18 proposed Rate M charges per luminaire and pole are provided in Attachment DAH-4.

1 **3. Revenue Proof for Proposed Permanent Rates**

2 **Q. Has the Company prepared a proof of the revenues that the proposed rates**
3 **produce?**

4 A. Yes, we have calculated the revenues that the proposed rates would produce on Test Year
5 proforma Billing Determinants. The calculations, which are presented in Attachment
6 DAH-3, Lines 137 to 156, show that the proposed base rates produce revenues of
7 \$45,441,952, which is within \$630⁵ of the revenue requirement of \$45,441,322.

8 **4. Bill Impact Analysis for Proposed Permanent Rates**

9 **Q. Have you prepared Bill Impact analyses?**

10 A. Yes, we have prepared Attachment DAH-5 to show annual bill impact analyses by class
11 for an appropriate range of annual usage levels. These analyses demonstrate the
12 combined impact of the changes that are being proposed in this proceeding.

13 **Q. Please explain the bill impact calculations in more detail.**

14 A. For each rate class, we calculated monthly bills at current rates, which are shown in
15 Attachment DAH-6, and at proposed rates. For all rate classes except Rate D, we used 12
16 months of monthly data for each customer to calculate annual bills. For Rate D, we
17 calculated average customer billing determinants for twenty groups of customers; the
18 groups were determined by annual energy consumption, and the annual energy limits for
19 each group were determined so that each group would have an equal number of
20 customers. To calculate the bills at current rates, we used: (a) the current effective base

⁵ \$ variance due to rounding.

1 rates on June 1, 2018; (b) the current energy service rate; and (c) the current cost tracking
2 mechanism rates, all as of April 1, 2019.⁶ To calculate monthly bills at proposed rates,
3 we used (a) the proposed base rates, (b) the current energy service rate, and (c) the
4 current cost tracking mechanism rates.

5 **5. Step Adjustment Rates**

6 **Q. Have you also prepared rates and bill impact analyses related to the Company's**
7 **proposed Step Adjustment for 2019 capital investments?**

8 A. Yes, we have. The calculation of the step adjustment revenue requirement is found in
9 Attachment RR-Step of Messrs. Greene and Simek's permanent rates testimony. Rate
10 design for the step adjustment associated with 2019 capital investments was achieved by
11 applying an equal percentage increase to all rates and charges resulting from the
12 permanent rate design. The step adjustment rate design calculations are provided in
13 Attachment DAH-7, and the bill impact analyses are provided in Attachment DAH-8.

14 **Q. In addition to the annual bill impact, have you also prepared a monthly bill impact**
15 **analysis for average residential usage?**

16 A. Yes, we have. Attachment DAH-9 shows a comparison of a 650 kWh monthly
17 residential bill with distribution rates in effect in June 2018 to the permanent rates being
18 proposed. It also shows an analysis comparing the average residential monthly bill under
19 the proposed permanent rate level and the monthly bill under the permanent rate level
20 plus the step increase. Finally, it shows a comparison of the average monthly bill under

⁶ These cost tracking mechanisms include the following: Transmission Charge, Stranded Cost Charge, System Benefits Charge, and the Electricity Consumption Tax.

the distribution rate level in effect in June 2018 to the monthly bill including both the permanent and step increases. The bill impacts are summarized in the Table 1 below.

Table 1

Total Bill Impact – Residential Customer (650 kWh)			
Current Rates	Permanent Rates	Step Increase Rates	
\$123.59	\$131.34	\$133.97	
		\$ Increase	% Increase
Permanent vs. Current		\$7.75	6.27%
Step Increase vs. Permanent		\$2.63	2.00%
Step Increase vs. Current		\$10.38	8.40%

Q. Does this conclude your testimony?

A. Yes.

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David A. Heintz
Vice President

Mr. Heintz is a Vice President who has over 30 years of experience working with regulated rates and tariffs at both the federal and state levels. He also provides clients with analyses of natural gas projects, markets, and issues. Mr. Heintz's areas of expertise include cost of service, allocation and rate design, tariff terms and conditions, rate case preparation, and regulatory issues.

REPRESENTATIVE PROJECT EXPERIENCE

Regulatory Analysis, Ratemaking, Cost of Service

- Cash Working Capital witness for Ameren Illinois Company in its 2009, 2011, 2012 and 2013 Illinois rate filings.
- Assisted a customer group served by Dominion Cove Point LNG in a FERC rate proceeding, Docket No. RP11-2136.
- Prepared a cost of service study for Virginia Natural Gas, Case No. PUE-2011-00142.
- Assisted a customer group served by Tennessee Gas Pipeline Company in a FERC rate proceeding, Docket No. RP11-1566.
- Filed testimony on the proper design of Kern River Gas Transmission Period Two rates in Docket RP04-274-023 on behalf of a Kern River shipper.
- Prepared a cost of service study for Atlanta Gas Light Company, Docket No. 31647-U.
- Project manager for preparation of Granite State Gas Transmission FERC rate filing, Docket No. RP10-896. Witness on issues of billing determinants, revenues, cost allocation and rate design.
- Prepared gas cost of service and rate re-redesign for Northern Indiana Public Service Company.
- Assisted a customer group served by Southern Natural Gas Company in a FERC rate proceeding, Docket No. RP09-427. Assisted this same group in Southern's 2013 settlement extension.
- Assisted ISO-NE in the evaluation of de-list bids and new capacity offers for the first two Forward Capacity Auctions conducted by ISO-NE.
- Prepared a cost of service study and rate design proposals for National Grid Rhode Island (Gas).
- Prepared cost of service studies for New England Gas Company in three Massachusetts rate filings.
- Assist New England Gas in the preparation of periodic filings before the Massachusetts Department of Public Utilities including Gas Cost and Local Distribution Adjustment filings.

- Prepared cost of service studies for Connecticut Natural Gas Corporation and Southern Connecticut Gas Company in their Phase 2 rate design proceeding before the Connecticut Department of Public Utility Control.
- Prepared a cost of service study and rate design proposals for Northwest Natural Gas Company (WA) which included the phase out a commercial rate class.
- Principal author of report on several rate related studies for New Brunswick Power Distribution and Customer Service Corporation.
- Prepared a cost of service study for Puget Sound Energy and assisted in the development of a revenue decoupling mechanism.
- Prepared cost of service studies for Peoples Gas Light and Coke Company and North Shore Gas Company. Assisted in the development of a revenue decoupling mechanism for these companies.
- Performed a cost of service study for Arkansas Oklahoma Gas Corporation. Provided testimony on cost of service and rate design.
- Participated in the development of the revenue requirements for the gas and electric operating companies of a major mid-west utility.
- Participated in a review of the cost of service and rate design methodologies for the natural gas transmission affiliate of a Canadian Crown Corporation.
- Performed an electric cost of service and rate review for the City of Vero Beach, Florida.
- Performed a cost of service study for Chesapeake Utility Corporation, Delaware Division, and provided testimony on rate design issues.
- Performed cost of service and rate design studies integrating the rates and tariffs of Providence Gas Company and Valley Gas Company. Provide testimony on cost of service and proposed new rate designs for the integrated company.
- Performed cost of service study for an investor owned Canadian electric utility.
- Reviewed and provided support for the deferred purchased gas balances of a Louisiana local distribution company.
- Provided support and cost of service analysis for a Pennsylvania electric utility in a FERC complaint case.
- Assisted a Canadian marketing company in its intervention in Northern Border Pipeline Company FERC rate proceeding. Filed testimony on various cost-of-service and rate design issues.
- Assisted an Indiana local distribution company in the preparation of a general rate case and unbundling filing. Assisted in the development of the proposed unbundled services and tariffs.
- Assisted a New Jersey local distribution company with its initial filing under New Jersey's Electric Discount and Energy Competition Act.
- Assisted a major Southwest utility in the preparation of a cost of service and rate design study for filing with the regulatory commission.
- Reviewed and evaluated an electric cost-of-service and unbundling model for the Ontario Energy Board. This model is to be used by the municipal electric utilities in their filings to the Board.

- Assisted a group of Midwest local distribution companies served by Northern Natural Gas Company in a FERC rate proceeding. Filed testimony on various cost-of-service and rate design issues.
- Reviewed the rate harmonization proposal of a major Canadian gas utility for potential shortcomings alternative approaches.
- Responsible for the development, defense, implementation and administration of the Boston Gas Company's rates in rate cases and CGA filings. Prepared annual sales, revenue, margin and gas cost forecasts for budgeting and financial reporting. Directed the company's load research project. Represented the company in regulatory proceedings.
- Responsible for all aspects of United Gas Pipeline Company's rate department, including cost-of-service allocation and rate design, certificates and analysis of other pipeline FERC filings. Represented the company and supported its positions through testimony and negotiations with regulatory agencies, customers and intervenors.
- Responsible for the development of cost-of-service, allocation and rate design studies and filings for Consolidated Natural Gas Company. Analyzed supplier rate and certificate filings. Represented the company and supported its position in negotiations with regulatory agencies, customers and intervenors.
- Responsible for the development and support of FERC staff's position on allocation and rate design issues in pipeline rate and certificate filings.

Valuation and Appraisal

Assisted in the preparation of a report to the FERC on appraised value and insurance recommendations in a certificate proceeding.

Market Analysis

Assisted the Province of New Brunswick in the preparation of its Stage I document for the establishment of natural gas distribution within the Province.

Expert Witness Testimony Presentation

- Federal Energy Regulatory Commission
- Arkansas Public Service Commission
- Connecticut Department of Public Utility Control
- Delaware Public Service Commission
- Georgia Public Service Commission
- Illinois Commerce Commission
- Massachusetts Department of Public Utilities
- New York State Public Service Commission
- New Jersey Board of Public Utilities
- Pennsylvania Public Utility Commission
- State of Rhode Island and Providence Plantations Public Utility Commission
- Washington Utilities and Transportation Commission

PROFESSIONAL HISTORY

Concentric Energy Advisors, Inc. (2006 – Present)

Vice President

Assistant Vice President

Navigant Consulting (1998 – 2006)

Senior Engagement Manager

Boston Gas Company (1993 – 1998)

Director, Rates and Revenue Analysis

United Gas Pipeline Company (1992 – 1993)

Director, Rates and Regulatory Affairs

Consolidated Natural Gas Company (1985 – 1992)

Manager, Regulatory Projects

Federal Regulatory Energy Commission (1979 – 1985)

Industry Economist, Allocation and Rate Design Branch

EDUCATION

M.B.A., Katz Graduate School of Business, University of Pittsburgh, 1989

B.S., Economics, Behrend College, Pennsylvania State University, 1978

Liberty Utilities (Granite State Electric) Corp.
Test Year Billing Determinants

Line Customers - Equivalent Bills

		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
2	D-05	35,342	35,191	35,345	35,327	35,311	35,261	35,230	37,132	33,820	35,545	35,398	35,653	424,556
3	D-06	2	2	2	2	2	2	2	3	1	2	2	2	24
4	D-10	438	441	441	443	440	439	443	441	435	440	437	439	5,277
5	G-1	135	135	132	131	141	138	139	143	138	141	140	144	1,658
6	G-2	904	906	910	901	914	903	922	942	872	906	900	902	10,882
7	G-3	5,649	5,663	5,671	5,688	5,650	5,638	5,691	5,902	5,425	5,680	5,679	5,704	68,040
8	T	981	975	975	967	968	967	961	1,034	881	956	951	950	11,565
9	V	18	18	18	18	18	18	18	19	15	17	17	17	211
10	Total	43,471	43,331	43,495	43,478	43,443	43,366	43,406	45,615	41,587	43,689	43,524	43,810	522,214

11	DEMAND													
12		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
13	G-1	74,533	74,025	72,415	72,688	75,706	82,364	87,827	92,699	86,608	78,774	74,325	79,365	951,328
14	G-2	40,785	40,770	41,863	40,432	42,791	43,799	46,056	46,899	43,386	42,772	40,020	40,535	510,109
15	Total	115,318	114,794	114,278	113,120	118,497	126,163	133,883	139,598	129,994	121,546	114,345	119,900	1,461,437

16	KWH													
17		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
18	D-05													0
19	D-06	78,541	68,090	68,541	70,778	65,961	64,570	56,816	63,142	50,330	53,681	57,239	71,684	769,373
20	D-10	764,784	626,820	559,240	516,063	365,501	338,813	370,958	405,289	396,607	310,288	384,155	590,731	5,629,249
21	G-1	28,786,208	27,782,123	28,192,380	28,041,743	30,857,035	34,678,888	35,909,432	37,500,920	37,412,091	31,810,102	27,319,414	30,894,656	379,184,992
22	G-2	12,620,560	12,359,049	11,968,076	11,602,198	11,646,812	12,700,779	13,281,621	14,099,246	13,379,861	11,835,350	10,508,395	11,991,169	147,993,116
23	G-3	8,321,139	7,746,269	7,343,438	7,110,349	6,526,638	7,041,663	7,596,694	8,301,155	7,657,847	6,447,252	6,252,799	7,750,061	88,095,304
24	M	359,801	369,853	361,859	244,083	341,696	444,145	342,406	341,651	307,746	31,202	675,127	337,028	4,156,597
25	T	2,281,627	1,810,624	1,626,536	1,396,324	980,966	840,906	904,417	979,001	879,771	804,486	1,134,318	1,713,097	15,352,073
26	V	38,174	33,300	28,957	27,316	21,945	22,517	28,938	34,243	22,857	21,064	19,276	29,802	328,389
27	Total	53,250,834	50,796,128	50,149,027	49,008,854	50,806,554	56,132,281	58,491,282	61,724,647	60,107,110	51,313,425	46,350,723	53,378,228	641,509,093

28 RATE D Usage by Block

29		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Total
30	1st 250 kWh	8,105,438	7,987,916	7,976,273	7,909,378	7,859,610	7,910,192	8,011,576	8,464,373	7,771,235	7,951,650	7,899,058	8,122,526	95,969,225
31	Over 250 kWh	21,319,727	15,310,724	13,617,413	13,192,811	10,191,664	13,050,540	17,337,669	19,743,736	17,664,296	10,465,817	11,213,364	16,963,295	180,071,056
32	Total	29,425,165	23,298,640	21,593,686	21,102,189	18,051,274	20,960,732	25,349,245	28,208,109	25,435,531	18,417,467	19,112,422	25,085,821	276,040,281

Liberty Utilities (Granite State Electric) Corp.
Test Year Billing Determinants

33	KWH OFF PEAK													
34		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
35	D-05	121,293	106,307	99,674	98,367	84,042	84,808	88,733	96,320	85,564	75,918	80,058	99,364	1,120,448
36	D-10	525,992	408,542	370,889	342,088	229,963	209,588	217,166	226,621	231,634	186,505	244,840	397,833	3,591,661
37	G-1	16,772,770	15,619,299	16,172,702	15,448,959	16,627,539	19,513,703	19,843,839	20,342,882	21,021,799	17,803,195	15,347,921	17,991,494	212,506,102
38	Total	17,420,055	16,134,148	16,643,265	15,889,414	16,941,544	19,808,099	20,149,738	20,665,823	21,338,997	18,065,618	15,672,819	18,488,691	217,218,211
39	KWH PEAK													
40		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
41	D-10	238,792	218,278	188,351	173,975	135,538	129,225	153,792	178,668	164,973	123,783	139,315	192,898	2,037,588
42	G-1	12,013,438	12,162,824	12,019,678	12,592,784	14,229,496	15,165,185	16,065,593	17,158,038	16,390,292	14,006,907	11,971,493	12,903,162	166,678,890
43	Total	12,252,230	12,381,102	12,208,029	12,766,759	14,365,034	15,294,410	16,219,385	17,336,706	16,555,265	14,130,690	12,110,808	13,096,060	168,716,478
44	Rate D FARM: kWh													
45		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
46	FARM kWh	94,330	88,968	79,034	74,076	64,306	71,905	73,253	101,966	68,134	64,930	48,597	65,281	894,780
47	Total	94,330	88,968	79,034	74,076	64,306	71,905	73,253	101,966	68,134	64,930	48,597	65,281	894,780

Liberty Utilities (Granite State Electric) Corp.
Test Year Billing Determinants

48 Outdoor Lighting Fixture Count

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
49 Sodium Vapor 4,000	2,258	2,629	2,444	1,515	2,443	3,370	2,442	2,437	1,941	485	4,858	2,425	29,246
51 Sodium Vapor 4,000 Part Night	1	1	1	1	1	1	1	1	1	0	2	1	12
52 Sodium Vapor 9,600	1,770	1,822	1,799	929	1,802	2,732	1,801	1,803	1,657	179	3,658	1,829	21,783
53 Sodium Vapor 27,500	517	519	518	409	508	612	508	507	420	79	999	497	6,092
54 Sodium Vapor 50,000	240	240	224	50	83	116	83	83	84	0	155	72	1,430
55 Sodium Vapor 9,600 (Post Top)	402	406	406	26	406	786	406	406	386	12	804	402	4,848
56 Sodium Vapor 27500 (Flood)	258	262	261	249	261	273	261	262	228	8	504	255	3,083
57 Sodium Vapor 50,000 (Flood)	431	426	426	397	421	443	418	415	413	4	830	420	5,044
58 Incandescent 1,000	23	23	23	23	23	23	23	23	23	0	46	23	276
59 Mercury Vapor 4,000	64	80	72	72	71	71	71	70	47	13	118	59	808
60 Mercury Vapor 8,000	145	141	143	141	140	140	140	140	105	7	222	111	1,575
61 Mercury Vapor 22,000	51	50	50	50	50	50	50	50	45	5	100	50	601
62 Mercury Vapor 63,000	1	1	1	1	1	1	1	1	1	0	2	1	12
63 Mercury Vapor 22,000 (Flood)	22	21	21	21	21	21	21	20	20	0	40	20	248
64 Mercury Vapor 63,000 (Flood)	0	0	0	0	0	0	0	0	0	0	0	0	0
65 Wood Poles	119	120	119	110	118	119	114	114	113	2	228	114	1,391
66 Fiberglass Direct Embedded	245	245	245	12	245	478	245	245	241	4	490	245	2,940
67 Fiberglass With Foundation < 25 Ft.	132	136	137	73	142	270	142	142	142	0	284	142	1,742
68 Fiberglass with Foundation >= 25 ft.	4	4	4	0	4	8	4	4	4	0	8	4	48
69 Metal Poles Direct Embedded	162	162	162	82	162	242	162	162	162	0	324	162	1,944
70 Metal Poles with Foundation	101	101	99	75	99	123	99	99	56	42	196	98	1,188
71 LED 3000 Full-Night Service	14	14	14	14	14	14	14	15	15	0	30	15	173
72 LED 5000 Full-Night Service	31	31	31	19	64	129	74	74	86	0	160	80	779
73 LED 16000 Full-Night Service	32	32	32	27	123	259	143	143	116	27	286	143	1,363
74 LED 21000 Full-Night Service	4	4	4	1	4	7	4	4	2	0	6	3	43
75 LED 5000 Underground Res Full-Night Service	13	13	13	3	13	23	13	13	13	0	26	13	156
76 LED 9400 Flood Full-Night Service	0	0	0	0	0	0	0	0	6	0	7	4	17
77 LED 14600 Flood Full-Night Service	0	0	0	0	2	2	6	4	4	0	8	4	30
78 LED 4800 Barn Part-Night Service	0	0	0	0	0	0	0	0	0	0	1	1	2
79 Total	7,040	7,483	7,248	4,301	7,222	10,312	7,245	7,237	6,331	868	14,393	7,193	86,874

80 Optional Demand Billing Units by Rate Class

81 Calendar Year 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
83 G-1	\$4,037	\$3,744	\$3,654	\$3,543	\$6,816	\$17,113	\$24,828	\$25,645	\$25,024	\$13,722	\$11,508	\$4,789	\$144,424
84 G-2	\$1,805	\$6,688	\$5,491	\$5,280	-\$2,978	\$1,128	\$961	\$1,992	\$519	\$2,290	\$4,890	\$2,705	\$30,771
85 Total	\$5,842	\$10,432	\$9,145	\$8,823	\$3,838	\$18,241	\$25,789	\$27,637	\$25,544	\$16,012	\$16,398	\$7,494	\$175,195

86 High Voltage Metering (HVM) Adjustment Billing Units by Rate Class

87 Calendar Year 2018

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
89 G-1	\$537,311	\$536,958	\$545,627	\$543,272	\$582,420	\$823,832	\$928,986	\$1,002,178	\$918,240	\$782,188	\$677,805	\$762,348	\$8,641,165
90 G-2	\$7,829	\$7,847	\$6,426	\$6,081	-\$1,867	\$3,212	\$3,852	\$7,099	\$1,325	\$4,213	\$5,781	\$12,357	\$64,155
91 Total	\$545,139	\$544,805	\$552,053	\$549,352	\$580,553	\$827,044	\$932,838	\$1,009,277	\$919,565	\$786,401	\$683,587	\$774,705	\$8,705,320

Liberty Utilities (Granite State Electric) Corp.
Test Year Billing Determinants

92 Credit for High Voltage Delivery (HVD) Billing Units by Rate Class
93 Calendar Year 2018

		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
94														
95	G-1	22,765	22,631	22,821	22,624	57,279	29,438	31,139	36,263	30,182	26,007	26,736	26,464	354,348
96	G-2	144	140	147	146	143	159	165	285	63	170	196	191	1,949
97	Total	22,909	22,772	22,968	22,769	57,423	29,597	31,305	36,548	30,245	26,177	26,932	26,654	356,297

Liberty Utilities (Granite State Electric) Corp.
Test Year Normalized Revenues

Line Customer Charge Revenues - Equivalent Bills

		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
1														
2	D-05	\$495,502	\$493,378	\$495,536	\$495,285	\$495,056	\$494,363	\$493,926	\$520,591	\$474,156	\$498,346	\$496,278	\$499,857	\$5,952,275
3	D-06	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$42	\$14	\$28	\$28	\$28	\$336
4	D-10	\$6,140	\$6,186	\$6,181	\$6,210	\$6,168	\$6,156	\$6,217	\$6,182	\$6,093	\$6,171	\$6,132	\$6,152	\$73,989
5	G-1	\$49,454	\$49,429	\$48,382	\$47,846	\$51,377	\$50,354	\$50,817	\$52,095	\$50,549	\$51,633	\$51,134	\$52,643	\$605,714
6	G-2	\$55,076	\$55,174	\$55,444	\$54,861	\$55,646	\$54,965	\$56,122	\$57,356	\$53,129	\$55,200	\$54,808	\$54,912	\$662,693
7	G-3	\$79,205	\$79,389	\$79,512	\$79,752	\$79,213	\$79,047	\$79,793	\$82,744	\$76,052	\$79,635	\$79,613	\$79,970	\$953,925
8	T	\$13,755	\$13,674	\$13,667	\$13,562	\$13,573	\$13,555	\$13,467	\$14,491	\$12,358	\$13,405	\$13,331	\$13,312	\$162,148
9	V	\$252	\$252	\$252	\$252	\$252	\$252	\$252	\$268	\$210	\$238	\$238	\$238	\$2,960
10	Total	\$699,412	\$697,510	\$699,002	\$697,797	\$701,314	\$698,720	\$700,623	\$733,770	\$672,562	\$704,656	\$701,563	\$707,112	\$8,414,039

11	DEMAND: kW Revenues													
12		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
13	G-1	\$579,863	\$575,913	\$563,386	\$565,512	\$588,990	\$640,791	\$683,294	\$721,201	\$673,812	\$612,859	\$578,249	\$617,460	\$7,401,330
14	G-2	\$319,350	\$319,226	\$327,788	\$316,586	\$335,057	\$342,950	\$360,620	\$367,220	\$339,710	\$334,907	\$313,356	\$317,388	\$3,994,157
15	Total	\$899,213	\$895,139	\$891,174	\$882,097	\$924,047	\$983,741	\$1,043,914	\$1,088,421	\$1,013,522	\$947,766	\$891,605	\$934,848	\$11,395,487

16	DEMAND: Optional Demand Billing Units by Rate Class													
17		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
18	G-1	\$807	\$749	\$731	\$709	\$1,363	\$3,423	\$4,966	\$5,129	\$5,005	\$2,744	\$2,302	\$958	\$28,885
19	G-2	\$361	\$1,338	\$1,098	\$1,056	-\$596	\$226	\$192	\$398	\$104	\$458	\$978	\$541	\$6,154
20	Total	\$1,168	\$2,086	\$1,829	\$1,765	\$768	\$3,648	\$5,158	\$5,527	\$5,109	\$3,202	\$3,280	\$1,499	\$35,039

21	Credit for High Voltage Delivery (HVD) Billing Units by Rate Class													
22	Calendar Year 2018	\$0.42	per kW Credit											
23		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
24	G-1	-\$9,561	-\$9,505	-\$9,585	-\$9,502	-\$24,057	-\$12,364	-\$13,078	-\$15,230	-\$12,676	-\$10,923	-\$11,229	-\$11,115	-\$148,826
25	G-2	-\$61	-\$59	-\$62	-\$61	-\$60	-\$67	-\$70	-\$120	-\$26	-\$71	-\$82	-\$80	-\$819
26	Total	-\$9,622	-\$9,564	-\$9,647	-\$9,563	-\$24,118	-\$12,431	-\$13,148	-\$15,350	-\$12,703	-\$10,994	-\$11,311	-\$11,195	-\$149,645

27	TOTAL DEMAND-RELATED Revenues													
28		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
29	G-1	\$571,109	\$567,156	\$554,532	\$556,718	\$566,296	\$631,849	\$675,182	\$711,100	\$666,141	\$604,681	\$569,322	\$607,303	\$7,281,389
30	G-2	\$319,651	\$320,505	\$328,825	\$317,580	\$334,401	\$343,109	\$360,743	\$367,499	\$339,787	\$335,293	\$314,252	\$317,848	\$3,999,493
31	Total	\$890,760	\$887,661	\$883,356	\$874,299	\$900,697	\$974,958	\$1,035,924	\$1,078,598	\$1,005,928	\$939,974	\$883,574	\$925,152	\$11,280,882

32	KWH													
33		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
34	D-06	\$3,231	\$2,801	\$2,820	\$2,912	\$2,714	\$2,656	\$2,337	\$2,598	\$2,071	\$2,208	\$2,355	\$2,949	\$31,652
35	G-2	\$24,736	\$24,224	\$23,457	\$22,740	\$22,828	\$24,894	\$26,032	\$27,635	\$26,225	\$23,197	\$20,596	\$23,503	\$290,067
36	G-3	\$369,625	\$344,089	\$326,196	\$315,842	\$289,913	\$312,791	\$337,445	\$368,737	\$340,162	\$286,387	\$277,749	\$344,258	\$3,913,193
37	M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	T	\$88,185	\$69,981	\$62,866	\$53,968	\$37,914	\$32,501	\$34,956	\$37,838	\$34,003	\$31,093	\$43,841	\$66,211	\$593,358
39	V	\$1,743	\$1,521	\$1,322	\$1,248	\$1,002	\$1,028	\$1,322	\$1,564	\$1,044	\$962	\$880	\$1,361	\$14,998
40	Total	\$487,521	\$442,616	\$416,661	\$396,709	\$354,371	\$373,870	\$402,092	\$438,372	\$403,504	\$343,848	\$345,422	\$438,282	\$4,843,267

41	RATE D Usage by Block													
42		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
43	1st 250 kWh	\$348,453	\$343,401	\$342,900	\$340,024	\$337,885	\$340,059	\$344,418	\$363,883	\$334,085	\$341,841	\$339,581	\$349,187	\$4,125,717
44	Over 250 kWh	\$1,041,042	\$747,623	\$664,938	\$644,205	\$497,659	\$637,258	\$846,598	\$964,087	\$862,548	\$511,046	\$547,549	\$828,318	\$8,792,870
45	Total	\$1,389,495	\$1,091,023	\$1,007,838	\$984,229	\$835,544	\$977,317	\$1,191,016	\$1,327,970	\$1,196,633	\$852,887	\$887,129	\$1,177,505	\$12,918,587

Liberty Utilities (Granite State Electric) Corp.
Test Year Normalized Revenues

46	KWH	KWH OFF PEAK													
47		Row Labels	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
48		D-05	\$4,899	\$4,294	\$4,026	\$3,973	\$3,394	\$3,425	\$3,584	\$3,890	\$3,456	\$3,066	\$3,234	\$4,013	\$45,255
49		D-10	\$731	\$568	\$516	\$476	\$320	\$291	\$302	\$315	\$322	\$259	\$340	\$553	\$4,992
50		G-1	\$25,159	\$23,429	\$24,259	\$23,173	\$24,941	\$29,271	\$29,766	\$30,514	\$31,533	\$26,705	\$23,022	\$26,987	\$318,759
51		Total	\$30,789	\$28,291	\$28,800	\$27,622	\$28,655	\$32,987	\$33,652	\$34,720	\$35,311	\$30,030	\$26,596	\$31,554	\$369,006
52		KWH PEAK													
53		Row Labels	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
54		D-10	\$24,008	\$21,946	\$18,937	\$17,491	\$13,627	\$12,992	\$15,462	\$17,963	\$16,586	\$12,445	\$14,007	\$19,394	\$204,859
55		G-1	\$60,187	\$60,936	\$60,219	\$63,090	\$71,290	\$75,978	\$80,489	\$85,962	\$82,115	\$70,175	\$59,977	\$64,645	\$835,061
56		Total	\$84,195	\$82,881	\$79,155	\$80,581	\$84,917	\$88,970	\$95,951	\$103,925	\$98,702	\$82,620	\$73,984	\$84,039	\$1,039,920
57	Rate D FARM: kWh														
58		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total	
59	FARM kWh	\$4,166	\$3,929	\$3,490	\$3,271	\$2,840	\$3,175	\$3,235	\$4,503	\$3,009	\$2,867	\$2,146	\$2,883	\$39,513	
60	total	\$4,166	\$3,929	\$3,490	\$3,271	\$2,840	\$3,175	\$3,235	\$4,503	\$3,009	\$2,867	\$2,146	\$2,883	\$39,513	
61	Total Distribution KWH Revenues														
62		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total	
63	D-05	\$1,398,560	\$1,099,246	\$1,015,354	\$991,473	\$841,778	\$983,918	\$1,197,835	\$1,336,363	\$1,203,098	\$858,821	\$892,509	\$1,184,401	\$13,003,355	
64	D-06	\$3,231	\$2,801	\$2,820	\$2,912	\$2,714	\$2,656	\$2,337	\$2,598	\$2,071	\$2,208	\$2,355	\$2,949	\$31,652	
65	D-10	\$24,739	\$22,514	\$19,452	\$17,967	\$13,947	\$13,284	\$15,764	\$18,278	\$16,908	\$12,704	\$14,347	\$19,947	\$209,852	
66	G-1	\$85,346	\$84,365	\$84,478	\$86,263	\$96,231	\$105,248	\$110,254	\$116,476	\$113,648	\$96,879	\$82,999	\$91,632	\$1,153,820	
67	G-2	\$24,736	\$24,224	\$23,457	\$22,740	\$22,828	\$24,894	\$26,032	\$27,635	\$26,225	\$23,197	\$20,596	\$23,503	\$290,067	
68	G-3	\$369,625	\$344,089	\$326,196	\$315,842	\$289,913	\$312,791	\$337,445	\$368,737	\$340,162	\$286,387	\$277,749	\$344,258	\$3,913,193	
69	M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
70	T	\$88,185	\$69,981	\$62,866	\$53,968	\$37,914	\$32,501	\$34,956	\$37,838	\$34,003	\$31,093	\$43,841	\$66,211	\$593,358	
71	V	\$1,743	\$1,521	\$1,322	\$1,248	\$1,002	\$1,028	\$1,322	\$1,564	\$1,044	\$962	\$880	\$1,361	\$14,998	
72	Total	\$1,996,166	\$1,648,740	\$1,535,945	\$1,492,413	\$1,306,327	\$1,476,319	\$1,725,945	\$1,909,489	\$1,737,158	\$1,312,253	\$1,335,277	\$1,734,262	\$19,210,294	
73	MISC	High Voltage Metering (HVM) Adjustment Billing Units by Rate Class													
74			Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
75		G-1	-\$5,373	-\$5,370	-\$5,456	-\$5,433	-\$5,824	-\$8,238	-\$9,290	-\$10,022	-\$9,182	-\$7,822	-\$6,778	-\$7,623	-\$86,412
76		G-2	-\$78	-\$78	-\$64	-\$61	\$19	-\$32	-\$39	-\$71	-\$13	-\$42	-\$58	-\$124	-\$642
77		Total	-\$5,451	-\$5,448	-\$5,521	-\$5,494	-\$5,806	-\$8,270	-\$9,328	-\$10,093	-\$9,196	-\$7,864	-\$6,836	-\$7,747	-\$87,053

Liberty Utilities (Granite State Electric) Corp.
Test Year Normalized Revenues

78	Rate M Fixtures	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
79														
80	Sodium Vapor 4,000	\$16,619	\$19,346	\$17,986	\$11,150	\$17,978	\$24,800	\$17,973	\$17,935	\$14,286	\$3,569	\$35,758	\$17,849	\$215,248
81	Sodium Vapor 4,000 Part Night	\$7	\$7	\$7	\$7	\$7	\$7	\$7	\$7	\$7	\$0	\$15	\$7	\$88
82	Sodium Vapor 9,600	\$15,806	\$16,274	\$16,064	\$8,299	\$16,096	\$24,398	\$16,083	\$16,100	\$14,798	\$1,602	\$32,666	\$16,333	\$194,518
83	Sodium Vapor 27,500	\$8,112	\$8,148	\$8,127	\$6,421	\$7,976	\$9,609	\$7,975	\$7,960	\$6,594	\$1,240	\$15,686	\$7,803	\$95,650
84	Sodium Vapor 50,000	\$4,917	\$4,908	\$4,581	\$1,023	\$1,697	\$2,372	\$1,697	\$1,697	\$1,718	\$0	\$3,170	\$1,472	\$29,252
85	Sodium Vapor 9,600 (Post Top)	\$4,137	\$4,178	\$4,183	\$268	\$4,178	\$8,088	\$4,178	\$4,178	\$3,972	\$123	\$8,273	\$4,137	\$49,891
86	Sodium Vapor 27500 (Flood)	\$4,082	\$4,152	\$4,127	\$3,949	\$4,132	\$4,322	\$4,132	\$4,147	\$3,609	\$127	\$7,982	\$4,037	\$48,797
87	Sodium Vapor 50,000 (Flood)	\$9,432	\$9,312	\$9,314	\$8,677	\$9,209	\$9,673	\$9,140	\$9,065	\$9,028	\$87	\$18,143	\$9,187	\$110,267
88	Incandescent 1,000	\$226	\$226	\$226	\$226	\$226	\$226	\$226	\$226	\$226	\$0	\$453	\$226	\$2,716
89	Mercury Vapor 4,000	\$455	\$569	\$512	\$512	\$505	\$505	\$505	\$499	\$333	\$92	\$839	\$419	\$5,745
90	Mercury Vapor 8,000	\$1,256	\$1,219	\$1,235	\$1,224	\$1,212	\$1,213	\$1,212	\$1,212	\$909	\$63	\$1,923	\$961	\$13,640
91	Mercury Vapor 22,000	\$835	\$820	\$819	\$819	\$819	\$819	\$819	\$819	\$737	\$82	\$1,638	\$819	\$9,844
92	Mercury Vapor 63,000	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$31	\$0	\$62	\$31	\$373
93	Mercury Vapor 22,000 (Flood)	\$398	\$380	\$380	\$380	\$380	\$380	\$372	\$362	\$362	\$0	\$724	\$362	\$4,483
94	Mercury Vapor 63,000 (Flood)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
95	Wood Poles	\$1,033	\$1,042	\$1,033	\$955	\$1,028	\$1,033	\$990	\$990	\$981	\$20	\$1,979	\$990	\$12,071
96	Fiberglass Direct Embedded	\$2,203	\$2,203	\$2,203	\$108	\$2,203	\$4,297	\$2,203	\$2,203	\$2,167	\$36	\$4,405	\$2,203	\$26,431
97	Fiberglass With Foundation < 25 Ft.	\$2,014	\$2,075	\$2,083	\$1,117	\$2,167	\$4,120	\$2,167	\$2,167	\$2,167	\$0	\$4,334	\$2,167	\$26,578
98	Fiberglass with Foundation >= 25 ft.	\$102	\$102	\$102	\$0	\$102	\$204	\$102	\$102	\$102	\$0	\$204	\$102	\$1,224
99	Metal Poles Direct Embedded	\$2,945	\$2,945	\$2,945	\$1,491	\$2,945	\$4,400	\$2,945	\$2,945	\$2,945	\$0	\$5,890	\$2,945	\$35,342
100	Metal Poles with Foundation	\$2,215	\$2,215	\$2,171	\$1,645	\$2,171	\$2,697	\$2,171	\$2,171	\$1,228	\$921	\$4,298	\$2,149	\$26,053
101	LED 3000 Full-Night Service	\$152	\$152	\$152	\$152	\$152	\$152	\$152	\$163	\$163	\$0	\$326	\$163	\$1,881
102	LED 5000 Full-Night Service	\$351	\$351	\$351	\$215	\$724	\$1,460	\$838	\$838	\$974	\$0	\$1,811	\$906	\$8,818
103	LED 16000 Full-Night Service	\$419	\$419	\$419	\$353	\$1,607	\$3,388	\$1,870	\$1,870	\$1,517	\$353	\$3,741	\$1,870	\$17,826
104	LED 21000 Full-Night Service	\$69	\$69	\$69	\$17	\$69	\$121	\$69	\$69	\$34	\$0	\$103	\$52	\$740
105	LED 5000 Underground Res Full-Night Service	\$162	\$162	\$162	\$37	\$162	\$286	\$162	\$162	\$162	\$0	\$323	\$162	\$1,941
106	LED 9400 Flood Full-Night Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$74	\$0	\$88	\$50	\$212
107	LED 14600 Flood Full-Night Service	\$0	\$0	\$0	\$0	\$27	\$27	\$80	\$60	\$58	\$0	\$110	\$55	\$417
108	LED 4800 Barn Part-Night Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$5	\$11
109	Total	\$77,976	\$81,304	\$79,283	\$49,077	\$77,804	\$108,628	\$78,098	\$77,979	\$69,182	\$8,316	\$154,950	\$77,462	\$940,058
110														
111		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
112	D-05	\$1,894,061	\$1,592,624	\$1,510,890	\$1,486,758	\$1,336,833	\$1,478,281	\$1,691,761	\$1,856,954	\$1,677,254	\$1,357,167	\$1,388,787	\$1,684,259	\$18,955,630
113	D-06	\$3,259	\$2,829	\$2,848	\$2,940	\$2,742	\$2,684	\$2,365	\$2,640	\$2,085	\$2,236	\$2,383	\$2,977	\$31,988
114	D-10	\$30,879	\$28,699	\$25,634	\$24,177	\$20,115	\$19,440	\$21,981	\$24,461	\$23,001	\$18,876	\$20,479	\$26,098	\$283,841
115	G-1	\$700,536	\$695,581	\$681,935	\$685,395	\$708,080	\$779,214	\$826,963	\$869,649	\$821,155	\$745,371	\$696,677	\$743,955	\$8,954,512
116	G-2	\$399,385	\$399,824	\$407,662	\$395,121	\$412,894	\$422,935	\$442,858	\$452,418	\$419,128	\$413,648	\$389,599	\$396,139	\$4,951,610
117	G-3	\$448,830	\$423,478	\$405,707	\$395,594	\$369,127	\$391,838	\$417,238	\$451,481	\$416,214	\$366,021	\$357,362	\$424,227	\$4,867,118
118	M	\$77,976	\$81,304	\$79,283	\$49,077	\$77,804	\$108,628	\$78,098	\$77,979	\$69,182	\$8,316	\$154,950	\$77,462	\$940,058
119	T	\$101,939	\$83,654	\$76,532	\$67,530	\$51,487	\$46,056	\$48,422	\$52,329	\$46,361	\$44,499	\$57,173	\$79,523	\$755,506
120	V	\$1,996	\$1,773	\$1,575	\$1,500	\$1,255	\$1,281	\$1,574	\$1,832	\$1,254	\$1,200	\$1,119	\$1,599	\$17,957
	total	\$3,658,863	\$3,309,767	\$3,192,066	\$3,108,091	\$2,980,336	\$3,250,356	\$3,531,262	\$3,789,744	\$3,475,634	\$2,957,334	\$3,068,528	\$3,436,240	\$39,758,220

121 Normalized Distribution Revenues

\$39,758,220

Liberty Utilities (Granite State Electric) Corp.
Test Year Revenues at Effective Rates

Line Customer Charge Revenues - Equivalent Bills

1		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
2	D-05	\$513,880	\$511,678	\$513,915	\$513,655	\$513,417	\$494,363	\$493,926	\$520,591	\$474,156	\$498,346	\$496,278	\$499,857	\$6,044,063
3	D-06	\$29	\$29	\$29	\$29	\$29	\$28	\$28	\$42	\$14	\$28	\$28	\$28	\$342
4	D-10	\$6,368	\$6,415	\$6,411	\$6,440	\$6,397	\$6,156	\$6,217	\$6,182	\$6,093	\$6,171	\$6,132	\$6,152	\$75,135
5	G-1	\$51,280	\$51,255	\$50,169	\$49,614	\$53,275	\$50,354	\$50,817	\$52,095	\$50,549	\$51,633	\$51,134	\$52,643	\$614,818
6	G-2	\$57,111	\$57,212	\$57,492	\$56,888	\$57,702	\$54,965	\$56,122	\$57,356	\$53,129	\$55,200	\$54,808	\$54,912	\$672,897
7	G-3	\$82,143	\$82,333	\$82,461	\$82,710	\$82,151	\$79,047	\$79,793	\$82,744	\$76,052	\$79,635	\$79,613	\$79,970	\$968,652
8	T	\$14,265	\$14,181	\$14,174	\$14,065	\$14,076	\$13,555	\$13,467	\$14,491	\$12,358	\$13,405	\$13,331	\$13,312	\$164,679
9	V	\$262	\$262	\$262	\$262	\$262	\$252	\$252	\$268	\$210	\$238	\$238	\$238	\$3,006
10	Total	\$725,337	\$723,365	\$724,912	\$723,662	\$727,310	\$698,720	\$700,623	\$733,770	\$672,562	\$704,656	\$701,563	\$707,112	\$8,543,592
11	DEMAND: kW Revenues													
12		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
13	G-1	\$601,477	\$597,380	\$584,386	\$586,591	\$610,945	\$640,791	\$683,294	\$721,201	\$673,812	\$612,859	\$578,249	\$617,460	\$7,508,446
14	G-2	\$331,178	\$331,049	\$339,929	\$328,311	\$347,466	\$342,950	\$360,620	\$367,220	\$339,710	\$334,907	\$313,356	\$317,388	\$4,054,083
15	Total	\$932,656	\$928,429	\$924,315	\$914,902	\$958,411	\$983,741	\$1,043,914	\$1,088,421	\$1,013,522	\$947,766	\$891,605	\$934,848	\$11,562,530
16	DEMAND: Optional Demand Billing Units by Rate Class													
17		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
18	G-1	\$807	\$749	\$731	\$709	\$1,363	\$3,423	\$4,966	\$5,129	\$5,005	\$2,744	\$2,302	\$958	\$28,885
19	G-2	\$361	\$1,338	\$1,098	\$1,056	\$-596	\$226	\$192	\$398	\$104	\$458	\$978	\$541	\$6,154
20	Total	\$1,168	\$2,086	\$1,829	\$1,765	\$768	\$3,648	\$5,158	\$5,527	\$5,109	\$3,202	\$3,280	\$1,499	\$35,039
21	Credit for High Voltage Delivery (HVD) Billing Units by Rate Class													
22	Calendar Year 2018	\$0.44 per kW Credit				\$0.42 per kW Credit								Total
23		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
24	G-1	-\$10,016.39	-\$9,957.86	-\$10,041.28	-\$9,954.42	-\$25,202.94	-\$12,364.04	-\$13,078.39	-\$15,230.49	-\$12,676.36	-\$10,922.79	-\$11,228.91	-\$11,114.67	-\$151,788.55
25	G-2	-\$63.55	-\$61.64	-\$64.67	-\$64.03	-\$63.04	-\$66.68	-\$69.51	-\$119.50	-\$26.49	-\$71.46	-\$82.37	-\$80.07	-\$833.02
26	Total	-\$10,079.94	-\$10,019.49	-\$10,105.95	-\$10,018.45	-\$25,265.98	-\$12,430.72	-\$13,147.90	-\$15,350.00	-\$12,702.85	-\$10,994.25	-\$11,311.29	-\$11,194.75	-\$152,621.57
27	TOTAL DEMAND-RELATED Revenues													
28		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
29	G-1	\$592,268	\$588,171	\$575,075	\$577,345	\$587,105	\$631,849	\$675,182	\$711,100	\$666,141	\$604,681	\$569,322	\$607,303	\$7,385,542
30	G-2	\$331,476	\$332,325	\$340,962	\$329,303	\$346,807	\$343,109	\$360,743	\$367,499	\$339,787	\$335,293	\$314,252	\$317,848	\$4,059,405
31	Total	\$923,744	\$920,496	\$916,038	\$906,648	\$933,913	\$974,958	\$1,035,924	\$1,078,598	\$1,005,928	\$939,974	\$883,574	\$925,152	\$11,444,947
32	KWH													
33		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
34	D-06	\$3,347	\$2,902	\$2,921	\$3,017	\$2,811	\$2,656	\$2,337	\$2,598	\$2,071	\$2,208	\$2,355	\$2,949	\$32,173
35	G-2	\$25,241	\$24,718	\$23,936	\$23,204	\$23,294	\$24,894	\$26,032	\$27,635	\$26,225	\$23,197	\$20,596	\$23,503	\$292,474
36	G-3	\$383,022	\$356,561	\$338,018	\$327,289	\$300,421	\$312,791	\$337,445	\$368,737	\$340,162	\$286,387	\$277,749	\$344,258	\$3,972,840
37	M	-\$14	-\$15	-\$14	-\$10	-\$14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$67
38	T	\$91,356	\$72,497	\$65,127	\$55,909	\$39,278	\$32,501	\$34,956	\$37,838	\$34,003	\$31,093	\$43,841	\$66,211	\$604,611
39	V	\$1,806	\$1,576	\$1,370	\$1,293	\$1,038	\$1,028	\$1,322	\$1,564	\$1,044	\$962	\$880	\$1,361	\$15,245
40	Total	\$504,759	\$458,239	\$431,358	\$410,702	\$366,829	\$373,870	\$402,092	\$438,372	\$403,504	\$343,848	\$345,422	\$438,282	\$4,917,276
41	RATE D Usage by Block													
42		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
43	1st 250 kWh	\$328,838	\$324,070	\$323,597	\$320,883	\$318,864	\$340,059	\$344,418	\$363,883	\$334,085	\$341,841	\$339,581	\$349,187	\$4,029,308
44	Over 250 kWh	\$1,123,336	\$806,722	\$717,501	\$695,129	\$536,999	\$637,258	\$846,598	\$964,087	\$862,548	\$511,046	\$547,549	\$828,318	\$9,077,090
45	Total	\$1,452,174	\$1,130,792	\$1,041,099	\$1,016,013	\$855,863	\$977,317	\$1,191,016	\$1,327,970	\$1,196,633	\$852,887	\$887,129	\$1,177,505	\$13,106,398

Liberty Utilities (Granite State Electric) Corp.
Test Year Revenues at Effective Rates

46	KWH	KWH OFF PEAK													
47		Row Labels	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
48		D-05	\$5,076	\$4,449	\$4,171	\$4,117	\$3,517	\$3,425	\$3,584	\$3,890	\$3,456	\$3,066	\$3,234	\$4,013	\$45,999
49		D-10	\$742	\$576	\$523	\$482	\$324	\$291	\$302	\$315	\$322	\$259	\$340	\$553	\$5,030
50		G-1	\$25,495	\$23,741	\$24,583	\$23,482	\$25,274	\$29,271	\$29,766	\$30,514	\$31,533	\$26,705	\$23,022	\$26,987	\$320,372
51		Total	\$31,312	\$28,766	\$29,277	\$28,081	\$29,115	\$32,987	\$33,652	\$34,720	\$35,311	\$30,030	\$26,596	\$31,554	\$371,401
52		KWH PEAK													
53		Row Labels	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
54		D-10	\$24,887	\$22,749	\$19,630	\$18,132	\$14,126	\$12,992	\$15,462	\$17,963	\$16,586	\$12,445	\$14,007	\$19,394	\$208,373
55		G-1	\$61,989	\$62,760	\$62,022	\$64,979	\$73,424	\$75,978	\$80,489	\$85,962	\$82,115	\$70,175	\$59,977	\$64,645	\$844,514
56		Total	\$86,876	\$85,509	\$81,651	\$83,110	\$87,550	\$88,970	\$95,951	\$103,925	\$98,702	\$82,620	\$73,984	\$84,039	\$1,052,887
57	Rate D FARM: kWh														
58		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total	
59	FARM kWh	\$4,317	\$4,071	\$3,617	\$3,390	\$2,943	\$3,175	\$3,235	\$4,503	\$3,009	\$2,867	\$2,146	\$2,883	\$40,155	
60	total	\$4,317	\$4,071	\$3,617	\$3,390	\$2,943	\$3,175	\$3,235	\$4,503	\$3,009	\$2,867	\$2,146	\$2,883	\$40,155	
61	Total Distribution KWH Revenues														
62		Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total	
63	D-05	\$1,461,567	\$1,139,312	\$1,048,887	\$1,023,519	\$862,323	\$983,918	\$1,197,835	\$1,336,363	\$1,203,098	\$858,821	\$892,509	\$1,184,401	\$13,192,552	
64	D-06	\$3,347	\$2,902	\$2,921	\$3,017	\$2,811	\$2,656	\$2,337	\$2,598	\$2,071	\$2,208	\$2,355	\$2,949	\$32,173	
65	D-10	\$25,629	\$23,325	\$20,153	\$18,614	\$14,450	\$13,284	\$15,764	\$18,278	\$16,908	\$12,704	\$14,347	\$19,947	\$213,403	
66	G-1	\$87,484	\$86,502	\$86,604	\$88,461	\$98,698	\$105,248	\$110,254	\$116,476	\$113,648	\$96,879	\$82,999	\$91,632	\$1,164,886	
67	G-2	\$25,241	\$24,718	\$23,936	\$23,204	\$23,294	\$24,894	\$26,032	\$27,635	\$26,225	\$23,197	\$20,596	\$23,503	\$292,474	
68	G-3	\$383,022	\$356,561	\$338,018	\$327,289	\$300,421	\$312,791	\$337,445	\$368,737	\$340,162	\$286,387	\$277,749	\$344,258	\$3,972,840	
69	M	-\$14	-\$15	-\$14	-\$10	-\$14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	-\$67	
70	T	\$91,356	\$72,497	\$65,127	\$55,909	\$39,278	\$32,501	\$34,956	\$37,838	\$34,003	\$31,093	\$43,841	\$66,211	\$604,611	
71	V	\$1,806	\$1,576	\$1,370	\$1,293	\$1,038	\$1,028	\$1,322	\$1,564	\$1,044	\$962	\$880	\$1,361	\$15,245	
72	Total	\$2,079,438	\$1,707,378	\$1,587,002	\$1,541,296	\$1,342,300	\$1,476,319	\$1,725,945	\$1,909,489	\$1,737,158	\$1,312,253	\$1,335,277	\$1,734,262	\$19,488,117	
73	MISC	High Voltage Metering (HVM) Adjustment Billing Units by Rate Class													
74			Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
75		G-1	-\$5,373	-\$5,370	-\$5,456	-\$5,433	-\$5,824	-\$8,238	-\$9,290	-\$10,022	-\$9,182	-\$7,822	-\$6,778	-\$7,623	-\$86,412
76		G-2	-\$78	-\$78	-\$64	-\$61	\$19	-\$32	-\$39	-\$71	-\$13	-\$42	-\$58	-\$124	-\$642
77		Total	-\$5,451	-\$5,448	-\$5,521	-\$5,494	-\$5,806	-\$8,270	-\$9,328	-\$10,093	-\$9,196	-\$7,864	-\$6,836	-\$7,747	-\$87,053

Liberty Utilities (Granite State Electric) Corp.
Test Year Revenues at Effective Rates

Rate M Fixtures

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
Sodium Vapor 4,000	\$17,251	\$20,082	\$18,671	\$11,575	\$18,662	\$24,800	\$17,973	\$17,935	\$14,286	\$3,569	\$35,758	\$17,849	\$218,409
Sodium Vapor 4,000 Part Night	\$8	\$8	\$8	\$8	\$8	\$7	\$7	\$7	\$7	\$0	\$15	\$7	\$90
Sodium Vapor 9,600	\$16,408	\$16,893	\$16,675	\$8,615	\$16,709	\$24,398	\$16,083	\$16,100	\$14,798	\$1,602	\$32,666	\$16,333	\$197,280
Sodium Vapor 27,500	\$8,412	\$8,449	\$8,428	\$6,658	\$8,270	\$9,609	\$7,975	\$7,960	\$6,594	\$1,240	\$15,686	\$7,803	\$97,083
Sodium Vapor 50,000	\$5,100	\$5,090	\$4,751	\$1,061	\$1,760	\$2,372	\$1,697	\$1,697	\$1,718	\$0	\$3,170	\$1,472	\$29,889
Sodium Vapor 9,600 (Post Top)	\$4,289	\$4,332	\$4,337	\$277	\$4,332	\$8,088	\$4,178	\$4,178	\$3,972	\$123	\$8,273	\$4,137	\$50,517
Sodium Vapor 27500 (Flood)	\$4,234	\$4,306	\$4,281	\$4,096	\$4,286	\$4,322	\$4,132	\$4,147	\$3,609	\$127	\$7,982	\$4,037	\$49,559
Sodium Vapor 50,000 (Flood)	\$9,781	\$9,657	\$9,659	\$8,998	\$9,550	\$9,673	\$9,140	\$9,065	\$9,028	\$87	\$18,143	\$9,187	\$111,970
Incandescent 1,000	\$235	\$235	\$235	\$235	\$235	\$226	\$226	\$226	\$226	\$0	\$453	\$226	\$2,758
Mercury Vapor 4,000	\$472	\$590	\$531	\$531	\$524	\$505	\$505	\$499	\$333	\$92	\$839	\$419	\$5,842
Mercury Vapor 8,000	\$1,304	\$1,266	\$1,283	\$1,271	\$1,259	\$1,213	\$1,212	\$1,212	\$909	\$63	\$1,923	\$961	\$13,875
Mercury Vapor 22,000	\$866	\$850	\$850	\$850	\$850	\$819	\$819	\$819	\$737	\$82	\$1,638	\$819	\$9,998
Mercury Vapor 63,000	\$32	\$32	\$32	\$32	\$32	\$31	\$31	\$31	\$31	\$0	\$62	\$31	\$379
Mercury Vapor 22,000 (Flood)	\$413	\$394	\$394	\$394	\$394	\$380	\$372	\$362	\$362	\$0	\$724	\$362	\$4,554
Mercury Vapor 63,000 (Flood)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Wood Poles	\$1,072	\$1,081	\$1,072	\$991	\$1,067	\$1,033	\$990	\$990	\$981	\$20	\$1,979	\$990	\$12,265
Fiberglass Direct Embedded	\$2,286	\$2,286	\$2,286	\$112	\$2,286	\$4,297	\$2,203	\$2,203	\$2,167	\$36	\$4,405	\$2,203	\$26,768
Fiberglass With Foundation < 25 Ft.	\$2,090	\$2,153	\$2,161	\$1,159	\$2,248	\$4,120	\$2,167	\$2,167	\$2,167	\$0	\$4,334	\$2,167	\$26,932
Fiberglass with Foundation >= 25 ft.	\$106	\$106	\$106	\$0	\$106	\$204	\$102	\$102	\$102	\$0	\$204	\$102	\$1,239
Metal Poles Direct Embedded	\$3,055	\$3,055	\$3,055	\$1,547	\$3,055	\$4,400	\$2,945	\$2,945	\$2,945	\$0	\$5,890	\$2,945	\$35,838
Metal Poles with Foundation	\$2,297	\$2,297	\$2,251	\$1,706	\$2,251	\$2,697	\$2,171	\$2,171	\$1,228	\$921	\$4,298	\$2,149	\$26,438
LED 3000 Full-Night Service	\$158	\$158	\$158	\$158	\$158	\$152	\$152	\$163	\$163	\$0	\$326	\$163	\$1,909
LED 5000 Full-Night Service	\$364	\$364	\$364	\$223	\$751	\$1,460	\$838	\$838	\$974	\$0	\$1,811	\$906	\$8,892
LED 16000 Full-Night Service	\$434	\$434	\$434	\$366	\$1,667	\$3,388	\$1,870	\$1,870	\$1,517	\$353	\$3,741	\$1,870	\$17,946
LED 21000 Full-Night Service	\$71	\$71	\$71	\$18	\$71	\$121	\$69	\$69	\$34	\$0	\$103	\$52	\$751
LED 5000 Underground Res Full-Night Service	\$168	\$168	\$168	\$39	\$168	\$286	\$162	\$162	\$162	\$0	\$323	\$162	\$1,966
LED 9400 Flood Full-Night Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$88	\$50	\$212
LED 14600 Flood Full-Night Service	\$0	\$0	\$0	\$0	\$28	\$27	\$80	\$60	\$58	\$0	\$110	\$55	\$418
LED 4800 Barn Part-Night Service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$5	\$11
	\$80,905	\$84,359	\$82,261	\$50,919	\$80,727	\$108,628	\$78,098	\$77,979	\$69,182	\$8,316	\$154,950	\$77,462	\$953,785

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
Calculated Revenue	\$1,975,447	\$1,650,990	\$1,562,802	\$1,537,174	\$1,375,740	\$1,478,281	\$1,691,761	\$1,856,954	\$1,677,254	\$1,357,167	\$1,388,787	\$1,684,259	\$19,236,615
D-05	\$3,376	\$2,931	\$2,950	\$3,046	\$2,840	\$2,684	\$2,365	\$2,640	\$2,085	\$2,236	\$2,383	\$2,977	\$32,515
D-06	\$31,996	\$29,740	\$26,564	\$25,054	\$20,847	\$19,440	\$21,981	\$24,461	\$23,001	\$18,876	\$20,479	\$26,098	\$288,538
G-1	\$725,659	\$720,558	\$706,392	\$709,988	\$733,254	\$779,214	\$826,963	\$869,649	\$821,155	\$745,371	\$696,677	\$743,955	\$9,078,835
G-2	\$413,750	\$414,177	\$422,326	\$409,335	\$427,822	\$422,935	\$442,858	\$452,418	\$419,128	\$413,648	\$389,599	\$396,139	\$5,024,135
G-3	\$465,165	\$438,894	\$420,479	\$409,999	\$382,573	\$391,838	\$417,238	\$451,481	\$416,214	\$366,021	\$357,362	\$424,227	\$4,941,493
M	\$80,890	\$84,344	\$82,246	\$50,909	\$80,714	\$108,628	\$78,098	\$77,979	\$69,182	\$8,316	\$154,950	\$77,462	\$953,718
T	\$105,621	\$86,678	\$79,300	\$69,974	\$53,354	\$46,056	\$48,422	\$52,329	\$46,361	\$44,499	\$57,173	\$79,523	\$769,290
V	\$2,068	\$1,837	\$1,632	\$1,554	\$1,300	\$1,281	\$1,574	\$1,832	\$1,254	\$1,200	\$1,119	\$1,599	\$18,251
Total	\$3,803,973	\$3,430,150	\$3,304,692	\$3,217,032	\$3,078,444	\$3,250,356	\$3,531,262	\$3,789,744	\$3,475,634	\$2,957,334	\$3,068,528	\$3,436,240	\$40,343,388

	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
Billed Revenue - Distribution Only	\$1,976,563	\$1,403,057	\$1,812,849	\$1,286,505	\$1,408,514	\$1,721,893	\$1,692,047	\$1,857,051	\$1,677,400	\$1,357,286	\$1,388,892	\$1,684,395	\$19,266,453
D-05	\$3,380	\$2,183	\$3,705	\$2,240	\$2,955	\$3,434	\$2,368	\$2,642	\$2,085	\$2,239	\$2,386	\$2,981	\$32,598
D-06	\$31,996	\$27,190	\$29,121	\$22,886	\$21,305	\$21,528	\$21,983	\$24,460	\$23,003	\$18,876	\$20,479	\$26,098	\$288,925
G-1	\$725,659	\$565,198	\$861,739	\$666,379	\$773,126	\$787,529	\$827,817	\$870,040	\$821,584	\$745,817	\$696,986	\$744,676	\$9,086,550
G-2	\$413,750	\$393,444	\$443,061	\$383,239	\$426,031	\$453,598	\$442,961	\$452,416	\$419,129	\$413,650	\$389,600	\$396,141	\$5,027,020
G-3	\$465,166	\$413,701	\$445,694	\$384,472	\$383,655	\$424,332	\$417,338	\$451,482	\$416,219	\$366,027	\$357,364	\$424,228	\$4,949,678
M	\$80,891	\$84,345	\$82,247	\$50,910	\$80,715	\$110,326	\$78,099	\$77,979	\$69,182	\$8,316	\$154,950	\$77,462	\$955,422
T	\$105,621	\$66,670	\$99,314	\$51,804	\$59,544	\$58,870	\$48,431	\$52,328	\$46,362	\$44,500	\$57,174	\$79,525	\$770,143
V	\$2,068	\$1,837	\$1,632	\$1,554	\$1,300	\$1,309	\$1,575	\$1,832	\$1,254	\$1,200	\$1,119	\$1,599	\$18,280
Total	\$3,805,095	\$2,957,626	\$3,779,363	\$2,849,989	\$3,157,146	\$3,582,818	\$3,532,619	\$3,790,232	\$3,476,218	\$2,957,909	\$3,068,950	\$3,437,105	\$40,395,069

Liberty Utilities (Granite State Electric) Corp.
Test Year Revenues at Effective Rates

132	Difference	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
133	D-05	\$ (1,116)	\$ 247,932	\$ (250,047)	\$ 250,669	\$ (32,774)	\$ (243,612)	\$ (286)	\$ (97)	\$ (146)	\$ (120)	\$ (105)	\$ (136)	\$ (29,838)
134	D-06	\$ (3)	\$ 748	\$ (755)	\$ 806	\$ (115)	\$ (749)	\$ (3)	\$ (2)	\$ (0)	\$ (2)	\$ (3)	\$ (4)	\$ (83)
135	D-10	\$ 0	\$ 2,551	\$ (2,558)	\$ 2,168	\$ (458)	\$ (2,088)	\$ (2)	\$ 0	\$ (2)	\$ (0)	\$ 0	\$ 0	\$ (387)
136	G-1	\$ 0	\$ 155,360	\$ (155,347)	\$ 43,609	\$ (39,872)	\$ (8,315)	\$ (853)	\$ (391)	\$ (429)	\$ (446)	\$ (310)	\$ (721)	\$ (7,716)
137	G-2	\$ (0)	\$ 20,733	\$ (20,735)	\$ 26,096	\$ 1,791	\$ (30,663)	\$ (103)	\$ 2	\$ (1)	\$ (2)	\$ (2)	\$ (2)	\$ (2,886)
138	G-3	\$ (1)	\$ 25,193	\$ (25,215)	\$ 25,527	\$ (1,083)	\$ (32,494)	\$ (99)	\$ (1)	\$ (6)	\$ (5)	\$ (1)	\$ (1)	\$ (8,185)
139	M	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (1,698)	\$ (1)	\$ (0)	\$ -	\$ -	\$ -	\$ -	\$ (1,704)
140	T	\$ (0)	\$ 20,008	\$ (20,014)	\$ 18,170	\$ (6,190)	\$ (12,814)	\$ (9)	\$ 1	\$ (1)	\$ (1)	\$ (1)	\$ (1)	\$ (853)
141	V	\$ (0)	\$ 0	\$ (0)	\$ (0)	\$ (0)	\$ (28)	\$ (1)	\$ 0	\$ (0)	\$ 0	\$ (0)	\$ 0	\$ (29)
142	Total	\$ (1,122)	\$ 472,524	\$ (474,671)	\$ 367,043	\$ (78,702)	\$ (332,462)	\$ (1,357)	\$ (488)	\$ (584)	\$ (575)	\$ (422)	\$ (865)	\$ (51,681)
143	Difference	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Total
144	D-05	-0.1%	17.7%	-13.8%	19.5%	-2.3%	-14.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.155%
145	D-06	-0.1%	34.3%	-20.4%	36.0%	-3.9%	-21.8%	-0.1%	-0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.255%
146	D-10	0.0%	9.4%	-8.8%	9.5%	-2.1%	-9.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.134%
147	G-1	0.0%	27.5%	-18.0%	6.5%	-5.2%	-1.1%	-0.1%	0.0%	-0.1%	-0.1%	0.0%	-0.1%	-0.085%
148	G-2	0.0%	5.3%	-4.7%	6.8%	0.4%	-6.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.057%
149	G-3	0.0%	6.1%	-5.7%	6.6%	-0.3%	-7.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.165%
150	M	0.0%	0.0%	0.0%	0.0%	0.0%	-1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.178%
151	T	0.0%	30.0%	-20.2%	35.1%	-10.4%	-21.8%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.111%
152	V	0.0%	0.0%	0.0%	0.0%	0.0%	-2.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.159%
153	Total	0.0%	16.0%	-12.6%	12.9%	-2.5%	-9.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-0.128%

Rates Effective May 1, 2017 for Test Year Revenue Calculation

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Attachment DAH-2
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Line	Rate	Blocks			REP / VMP	Net Distribution Charge
1	D	Customer Charge			\$14.54	\$14.54
2	D	1st	250 kWh	\$0.04061	-\$0.00004	\$0.04057
3	D	Over	250 kWh	\$0.05273	-\$0.00004	\$0.05269
4	D-5	Off Peak	16 hr cont kWh	\$0.04189	-\$0.00004	\$0.04185
5	D	Farm	kWh	\$0.04580	-\$0.00004	\$0.04576
6	D-6	D-6	6 hr cont kWh	\$0.04266	-\$0.00004	\$0.04262
7	D-10	Customer Charge			\$14.54	\$14.54
8	D-10	On Peak	kWh	\$0.10426	-\$0.00004	\$0.10422
9	D-10	Off Peak	kWh	\$0.00145	-\$0.00004	\$0.00141
10	G-1	Customer Charge			\$378.73	\$378.73
11	G-1	Demand Charge	kW	\$8.07		\$8.07
12	G-1	On Peak	kWh	\$0.00520	-\$0.00004	\$0.00516
13	G-1	Off Peak	kWh	\$0.00156	-\$0.00004	\$0.00152
14	G-2	Customer Charge			\$63.15	\$63.15
15	G-2	Demand Charge	kW	\$8.12		\$8.12
16	G-2	All	kWh	\$0.00204	-\$0.00004	\$0.00200
17	G-3	Customer Charge			\$14.54	\$14.54
18	G-3	All	kWh	\$0.04607	-\$0.00004	\$0.04603
19	M	All	kWh	\$0.00000	-\$0.00004	-\$0.00004
20	T	Customer Charge			\$14.54	\$14.54
21	T	All	kWh	\$0.04008	-\$0.00004	\$0.04004
22	V	Minimum Charge			\$14.54	\$14.54
23	V	All	kWh	\$0.04736	-\$0.00004	\$0.04732

Effective May 1, 2017

Rates Effective June 1, 2018 for Test Year Revenue Calculation

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Attachment DAH-2
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Line	Rate	Blocks			REP / VMP	Net Distribution Charge
1	D	Customer Charge			\$14.02	\$14.02
2	D	1st	250 kWh	\$0.04299	\$0.00000	\$0.04299
3	D	Over	250 kWh	\$0.04883	\$0.00000	\$0.04883
4	D-5	Off Peak	16 hr cont kWh	\$0.04039	\$0.00000	\$0.04039
5	D	Farm	kWh	\$0.04416	\$0.00000	\$0.04416
6	D-6	D-6	6 hr cont kWh	\$0.04114	\$0.00000	\$0.04114
7	D-10	Customer Charge			\$14.02	\$14.02
8	D-10	On Peak	kWh	\$0.10054	\$0.00000	\$0.10054
9	D-10	Off Peak	kWh	\$0.00139	\$0.00000	\$0.00139
10	G-1	Customer Charge			\$365.24	\$365.24
11	G-1	Demand Charge	kW	\$7.78		\$7.78
12	G-1	On Peak	kWh	\$0.00501	\$0.00000	\$0.00501
13	G-1	Off Peak	kWh	\$0.00150	\$0.00000	\$0.00150
14	G-2	Customer Charge			\$60.90	\$60.90
15	G-2	Demand Charge	kW	\$7.83		\$7.83
16	G-2	All	kWh	\$0.00196	\$0.00000	\$0.00196
17	G-3	Customer Charge			\$14.02	\$14.02
18	G-3	All	kWh	\$0.04442	\$0.00000	\$0.04442
19	M	All	kWh	\$0.00000	\$0.00000	\$0.00000
20	T	Customer Charge			\$14.02	\$14.02
21	T	All	kWh	\$0.03865	\$0.00000	\$0.03865
22	V	Minimum Charge			\$14.02	\$14.02
23	V	All	kWh	\$0.04567	\$0.00000	\$0.04567

Effective: June 1, 2018

Line		DOMESTIC SERVICE RATE D	DOMESTIC SERVICE Opt Peak Load Pricing RATE D-10	GENERAL SERVICE TIME-OF-USE RATE G-1	GENERAL LONG HOUR SERVICE RATE G-2	GENERAL SERVICE RATE G-3	OUTDOOR LIGHTING SERVICE RATE M	LIMITED TOTAL ELECTRICAL LIVING RATE T	LIMITED COMMERCIAL SPACE HEATING RATE V	Company Total
	(X)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
1	A. Proforma Normalized Revenues at Current Rates									
2										
3	Company Total Distribution Base Revenues									
4	Distribution Revenues: Customer Charge Related	\$ 5,952,611	\$ 73,989	\$ 605,714	\$ 662,693	\$ 953,925	\$ -	\$ 162,148	\$ 2,960	\$ 8,414,039
5	Revenues: Demand Charge Related	\$ -	\$ -	\$ 7,194,977	\$ 3,998,851	\$ -	\$ -	\$ -	\$ -	\$ 11,193,828
6	Revenues: Energy Charge Related	\$ 13,035,007	\$ 209,852	\$ 1,153,820	\$ 290,067	\$ 3,913,193	\$ -	\$ 593,358	\$ 14,998	\$ 19,210,294
7	Revenues: Misc Charges and Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Outdoor Light Fixtures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 940,058	\$ -	\$ -	\$ 940,058
9	Company Total Base Revenues	\$ 18,987,618	\$ 283,841	\$ 8,954,512	\$ 4,951,610	\$ 4,867,118	\$ 940,058	\$ 755,506	\$ 17,957	\$ 39,758,220
10	B. Billing Determinants									
11	Customer Bill Count									
12	Customers (Bills)	424,580	5,277	1,658	10,882	68,040	0	11,565	211	522,214
13	Energy Consumption (KWh)									
14	Distribution Quantity	0	0	0	147,993,116	88,095,304	4,156,597	15,352,073	328,389	255,925,479
15	Distribution Quantity Block 1	95,969,225	0	0	0	0	0	0	0	95,969,225
16	Distribution Quantity Block 2	180,071,056	0	0	0	0	0	0	0	180,071,056
17	Distribution Quantity On Peak	0	2,037,588	166,678,890	0	0	0	0	0	168,716,478
18	Distribution Quantity Off Peak	0	3,591,661	212,506,102	0	0	0	0	0	216,097,763
19	Distribution Farm	894,780	0	0	0	0	0	0	0	894,780
20	Distribution Quantity 6 hour control	769,373	0	0	0	0	0	0	0	769,373
21	Distribution Quantity 16 hour control	1,120,448	0	0	0	0	0	0	0	1,120,448
22	TOTAL Distribution Consumption (KWh)	278,824,882	5,629,249	379,184,992	147,993,116	88,095,304	4,156,597	15,352,073	328,389	919,564,602
23	Demand (kW)									
24	Billing Demand	0	0	951,328	510,109	0	0	0	0	1,461,437
25	Distribution Demand Optional Billing (\$)	\$ -	\$ -	\$ 144,424	\$ 30,771	\$ -	\$ -	\$ -	\$ -	\$ 175,195
26	High Voltage Delivery (kW)	0	0	354,348	1,949	0	0	0	0	356,297
27	High Voltage Metering Adjustment (\$)	\$ -	\$ -	\$ 8,641,165	\$ 64,155	\$ -	\$ -	\$ -	\$ -	\$ 8,705,320
28	C. CLASS REVENUE TARGETS									
29	Cost Study Results									
30	Total Delivery Service Marginal Costs									
31	Total Customer-related Marginal Costs	\$ 13,596,389	\$ 208,913	\$ 145,227	\$ 674,432	\$ 3,215,323	\$ -	\$ 397,451	\$ 7,867	\$ 18,245,601
32	Total Capacity-related Marginal Costs	\$ 8,384,975	\$ 114,011	\$ 8,180,353	\$ 4,663,381	\$ 2,954,023	\$ -	\$ 281,490	\$ 9,976	\$ 24,588,209
33	Total Fixture-related Marginal Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 609,009	\$ -	\$ -	\$ 609,009
34	Total Class Marginal Costs	\$ 21,981,365	\$ 322,924	\$ 8,325,580	\$ 5,337,813	\$ 6,169,345	\$ 609,009	\$ 678,940	\$ 17,843	\$ 43,442,819
35	Total Class Marginal Costs (Excluding Rate M)	\$ 21,981,365	\$ 322,924	\$ 8,325,580	\$ 5,337,813	\$ 6,169,345		\$ 678,940	\$ 17,843	\$ 42,833,810
36	Distribution Service Unit Costs - Marginal Unit Costs									
37	Customer Costs	\$ 32.02	\$ 39.59	\$ 87.57	\$ 61.98	\$ 47.26	\$ -	\$ 34.37	\$ 37.27	
38	Capacity-Related Costs (per kWh)	\$ 0.03007	\$ 0.02025	\$ 0.02157	\$ 0.03151	\$ 0.03353	\$ -	\$ 0.01834	\$ 0.03038	
39	Delivery Revenue Requirement									
40	Total Revenue Requirement									45,441,322
41	% Increase (Revenue Requirement - Normalized revenues)									14.29%
42	Rate M Revenue Target (Current Revenues increased by Company overall increase of 14.29%)						\$ 1,074,431			\$ 1,074,431
43	Remaining Revenue Requirement (All Rates except Rate M)									\$ 44,366,891
44	Equiproportional Adjustment Factor									1.03579
45	Marginal Customer Costs (Adj by Equiprop Adj Factor)	\$ 14,083,023	\$ 216,390	\$ 150,425	\$ 698,571	\$ 3,330,403		\$ 411,676	\$ 8,148	\$ 18,898,636
46	Marginal Capacity Costs (Adj by Equiprop Adj Factor)	\$ 8,685,085	\$ 118,092	\$ 8,473,139	\$ 4,830,290	\$ 3,059,751		\$ 291,565	\$ 10,333	\$ 25,468,255
47	Marginal Cost Constrained to Allowed Revenues	\$ 22,768,108	\$ 334,482	\$ 8,623,563	\$ 5,528,861	\$ 6,390,155	\$ -	\$ 703,241	\$ 18,482	\$ 44,366,891
48	Development of MCS-based Class Revenue Target (Excl'd Rate M)									

Line		DOMESTIC SERVICE RATE D	DOMESTIC SERVICE Opt Peak Load Pricing RATE D-10	GENERAL SERVICE TIME-OF-USE RATE G-1	GENERAL LONG HOUR SERVICE RATE G-2	GENERAL SERVICE RATE G-3	OUTDOOR LIGHTING SERVICE RATE M	LIMITED TOTAL ELECTRICAL LIVING RATE T	LIMITED COMMERCIAL SPACE HEATING RATE V	Company Total
	(X)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
49	Proforma Total Revenues (Base Revenues at Current Rates)									
50	Base Proforma Revenues Excl'd Rate M	\$ 18,987,618	\$ 283,841	\$ 8,954,512	\$ 4,951,610	\$ 4,867,118		\$ 755,506	\$ 17,957	\$ 38,818,162
51	MCS Revenue Targets at Proposed Rates									
52	Customer-related Adjusted Marginal Costs	\$ 14,083,023	\$ 216,390	\$ 150,425	\$ 698,571	\$ 3,330,403		\$ 411,676	\$ 8,148	\$ 18,898,636
53	Capacity-related Adjusted Marginal Costs	\$ 8,685,085	\$ 118,092	\$ 8,473,139	\$ 4,830,290	\$ 3,059,751		\$ 291,565	\$ 10,333	\$ 25,468,255
54	Total Adjusted Marginal Costs	\$ 22,768,108	\$ 334,482	\$ 8,623,563	\$ 5,528,861	\$ 6,390,155		\$ 703,241	\$ 18,482	\$ 44,366,891
55	Total Potential increase (decrease) in Base Revenues	\$ 3,780,490	\$ 50,641	\$ (330,948)	\$ 577,251	\$ 1,523,036		\$ (52,265)	\$ 524	\$ 5,548,729
56	Total Potential Increase (Line 55) as a % of (Current Base Revenues)	19.91%	17.84%	-3.70%	11.66%	31.29%		-6.92%	2.92%	14.29%
57	Capped Revenue Targets: Target Revenues at 120.0% of total Company increase: (14.29% x 120% = 17.15%)	\$ 22,244,562	\$ 332,528	\$ 10,490,478	\$ 5,800,960	\$ 5,701,975		\$ 885,098	\$ 21,037	\$ 45,476,637
58	First Step Total Base revenues: No cap	\$ 22,768,108	\$ 334,482	\$ 8,623,563	\$ 5,528,861	\$ 6,390,155		\$ 703,241	\$ 18,482	\$ 44,366,891
59	Total Base revenues: Cap on Total Increase at: 120% of Company average % increase (17.15%)	\$ 22,244,562	\$ 332,528	\$ 8,623,563	\$ 5,528,861	\$ 5,701,975		\$ 703,241	\$ 18,482	\$ 43,153,211
60	Cap 120%	17.15%	17.15%	-3.70%	11.66%	17.15%		-6.92%	2.92%	
61	Assign Revenue increases to Eliminate Decreases	\$ -	\$ -	\$ 330,948	\$ -	\$ -		\$ 52,265	\$ -	\$ 383,213
62	First Step Increase in Base Revenues with Cap	\$ 3,256,944	\$ 48,687	\$ (330,948)	\$ 577,251	\$ 834,856		\$ (52,265)	\$ 524	\$ 4,335,049
63	Combined % Increase from Elimination of decrease and Increase at Cap	17.15%	17.15%	0.00%	11.66%	17.15%		0.00%	2.92%	
64	First Step Shortfall after elimination of decreases and application of Cap									\$ 830,467
65	Test Year Base Revenues, Classes below 120% x increase, with overall Company increase of 14.29%	\$ -	\$ -	\$ 8,954,512	\$ 4,951,610	\$ -	\$ 940,058	\$ 755,506	\$ 17,957	\$ 15,619,643
66	Remaining Shortfall Allocation Factor	0.00%	0.00%	57.33%	31.70%	0.00%		4.84%	0.11%	100.00%
67	Allocation of First Step Shortfall prior to Cap at Second Step	\$ -	\$ -	\$ 476,094	\$ 263,268	\$ -		\$ 40,169	\$ 955	\$ 780,486
68	Demand Revenues at Proposed Rates	17.15%	17.15%	5.32%	16.97%	17.15%		5.32%	8.24%	13.18%
69	Second Round Total Base Revenues, No Cap on Allocation of First Step Shortfall on Total Increase at: 120% of Company average % increase	\$ 22,244,562	\$ 332,528	\$ 9,430,606	\$ 5,792,129	\$ 5,701,975		\$ 795,675	\$ 19,436	\$ 44,316,910
70	Second step in Base Revenues with Cap	\$ 22,244,562	\$ 332,528	\$ 9,430,606	\$ 5,792,129	\$ 5,701,975		\$ 795,675	\$ 19,436	\$ 44,316,910
71	Second Step Shortfall Due to Cap									\$ 49,981
72	Test Year Base Revenues, Classes below 120% x increase overall Company increase of 14.3%	\$ -	\$ -	\$ 8,954,512	\$ 4,951,610	\$ -		\$ 755,506	\$ 17,957	\$ 14,679,585
73	Allocation of Second Step Shortfall	\$ -	\$ -	\$ 30,488	\$ 16,859	\$ -		\$ 2,572	\$ 61	\$ 49,981
74										
75	Total Base revenues: Cap on Total Increase at: 120% of Company average % increase	\$ 22,244,562	\$ 332,528	\$ 9,461,094	\$ 5,808,988	\$ 5,701,975	\$ 1,074,431	\$ 798,247	\$ 19,497	\$ 45,441,322
76		17.15%	17.15%	5.66%	17.32%	17.15%	14.29%	5.66%	8.58%	14.3%
77	FINAL BASE REVENUE TARGET	\$ 22,244,562	\$ 332,528	\$ 9,461,094	\$ 5,808,988	\$ 5,701,975	\$ 1,074,431	\$ 798,247	\$ 19,497	\$ 45,441,322
78	D. RATE DESIGN									
79	Current Customer charge	\$ 14.02	\$ 14.02	\$ 365.24	\$ 60.90	\$ 14.02		\$ 14.02	\$ 14.02	
80	Marginal Customer Cost	\$ 32.02	\$ 39.59	\$ 87.57	\$ 61.98	\$ 47.26	\$ -	\$ 34.37	\$ 37.27	
81	Calculated increase %	17.15%	17.15%	14.29%	17.32%	17.15%	14.29%	14.29%	14.29%	
82	Marginal Cost Considerations: Current customer charge vs MCS customer costs	128.41%	182.36%	-76.02%	1.77%	237.06%	0.00%	145.12%	165.80%	
83	Proposed Customer Charge	\$ 14.76	\$ 14.76	\$ 384.47	\$ 64.11	\$ 14.76		\$ 14.76	\$ 14.76	
84	Proposed Customer charge as a % of MCS unit costs	46.1%	37.3%	439.0%	103.4%	31.2%		43.0%	39.6%	

Line		DOMESTIC SERVICE RATE D	DOMESTIC SERVICE Opt Peak Load Pricing RATE D-10	GENERAL SERVICE TIME-OF-USE RATE G-1	GENERAL LONG HOUR SERVICE RATE G-2	GENERAL SERVICE RATE G-3	OUTDOOR LIGHTING SERVICE RATE M	LIMITED TOTAL ELECTRICAL LIVING RATE T	LIMITED COMMERCIAL SPACE HEATING RATE V	Company Total
	(X)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
85	Customer Charge Revenue, Proposed Customer Charge									
86	Customer Revenues	\$ 6,266,800	\$ 77,894	\$ 637,605	\$ 697,623	\$ 1,004,275		\$ 170,707	\$ 3,116	\$ 8,858,019
87	Demand-Related Charges									
88	Current Demand Charge	\$ -	\$ -	\$ 7.78	\$ 7.83	\$ -		\$ -	\$ -	
89	Current High Voltage Delivery Credit	\$ -	\$ -	\$ (0.42)	\$ (0.42)	\$ -		\$ -	\$ -	
90	Optional Demand Surcharge (\$)			20%	20%					
91	High Voltage Metering Adjustment (% x Applicable Charges)			-1%	-1%					
92	Demand-Related Billing Units									
93	Billing Demand (kW)	-	-	951,328	510,109	-		-	-	1,461,437
94	High Voltage Delivery Units	-	-	354,348	1,949	-		-	-	356,297
95	Optional Demand Surcharge (\$)	\$ -	\$ -	\$ 144,424	\$ 30,771	\$ -		\$ -	\$ -	
96	High Voltage Metering Adjustment (\$)	\$ -	\$ -	\$ 8,641,165	\$ 64,155	\$ -		\$ -	\$ -	
97	Proposed Demand-Related Charges									
98	Rate Class Increase	17.15%	17.15%	5.66%	17.32%	17.15%		5.66%	8.58%	
99	Calculation of Demand-related charges									
100	Proposed Demand Charge	\$ -	\$ -	\$ 8.22	\$ 9.19	\$ -		\$ -	\$ -	
101	Proposed High Voltage Delivery Credit	\$ -	\$ -	\$ (0.44)	\$ (0.49)	\$ -		\$ -	\$ -	
102	Optional Demand Surcharge (\$)			20%	20%					
103	High Voltage Metering Adjustment (% x Applicable Charges)			-1%	-1%					
104										
105	Demand Revenues at Proposed Rates	\$ -	\$ -	\$ 7,606,474	\$ 4,692,464	\$ -	\$ -	\$ -	\$ -	\$ 12,298,938
106	Remaining Revenues	\$ 15,977,762	\$ 254,633	\$ 1,217,015	\$ 418,901	\$ 4,697,700	\$ 1,074,431	\$ 627,540	\$ 16,382	\$ 24,284,365
107	Energy-related Revenue Target	\$ 15,977,762	\$ 254,633	\$ 1,217,015	\$ 418,901	\$ 4,697,700	\$ -	\$ 627,540	\$ 16,382	\$ 23,209,933
108	Current Energy-Related Charges kWh									
109	Current Distribution Quantity \$/kWh				\$ 0.00196	\$ 0.04442		\$ 0.03865	\$ 0.04567	
110	Current Distribution Quantity Block 1 \$/kWh	\$ 0.04299								
111	Current Distribution Quantity Block 2 \$/kWh	\$ 0.04883								
112	Current Distribution Quantity On Peak \$/kWh		\$ 0.10054	\$ 0.00501						
113	Current Distribution Quantity Off Peak \$/kWh		\$ 0.00139	\$ 0.00150						
114	Current Distribution Farm \$/kWh	\$ 0.04416								
115	Current Distribution Quantity 6 hour control \$/kWh	\$ 0.04114								
116	Current Distribution Quantity 16 hour control \$/kWh	\$ 0.04039								
117	Distribution Energy-Related Billing Units									
118	Distribution Quantity	0	0	0	147,993,116	88,095,304	4,156,597	15,352,073	328,389	255,925,479
119	Distribution Quantity Block 1	95,969,225	0	0	0	0	0	0	0	95,969,225
120	Distribution Quantity Block 2	180,071,056	0	0	0	0	0	0	0	180,071,056
121	Distribution Quantity On Peak	0	2,037,588	166,678,890	0	0	0	0	0	168,716,478
122	Distribution Quantity Off Peak	0	3,591,661	212,506,102	0	0	0	0	0	216,097,763
123	Distribution Farm	894,780	0	0	0	0	0	0	0	894,780
124	Distribution Quantity 6 hour control	769,373	0	0	0	0	0	0	0	769,373
125	Distribution Quantity 16 hour control	1,120,448	0	0	0	0	0	0	0	1,120,448
126	Proposed Energy-Related Charges									
127	Revenues at Current rates	\$ 13,035,007	\$ 209,852	\$ 1,153,820	\$ 290,067	\$ 3,913,193	\$ -	\$ 593,358	\$ 14,998	\$ 19,210,294
128	Energy-related revenue target	\$ 15,977,762	\$ 254,633	\$ 1,217,015	\$ 418,901	\$ 4,697,700	\$ -	\$ 627,540	\$ 16,382	\$ 23,209,933
129	% increase in Energy-Related Rates	22.58%	21.34%	5.48%	44.42%	20.05%	0.00%	5.76%	9.23%	
130	Proposed Energy-Related Charges kWh									
131	Proposed Distribution Quantity \$/kWh	\$ 0.05737			\$ 0.00283	\$ 0.05333	\$ -	\$ 0.04088	\$ 0.04988	
132	Proposed Distribution Quantity On Peak \$/kWh		\$ 0.12200	\$ 0.00528						
133	Proposed Distribution Quantity Off Peak \$/kWh		\$ 0.00169	\$ 0.00158						

Line		DOMESTIC SERVICE RATE D	DOMESTIC SERVICE Opt Peak Load Pricing RATE D-10	GENERAL SERVICE TIME-OF-USE RATE G-1	GENERAL LONG HOUR SERVICE RATE G-2	GENERAL SERVICE RATE G-3	OUTDOOR LIGHTING SERVICE RATE M	LIMITED TOTAL ELECTRICAL LIVING RATE T	LIMITED COMMERCIAL SPACE HEATING RATE V	Company Total
	(X)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
134	Proposed Distribution Farm \$/kWh	\$ 0.05413								
135	Proposed Distribution Quantity 6 hour control \$/kWh	\$ 0.05043								
136	Proposed Distribution Quantity 16 hour control \$/kWh	\$ 0.04951								
137	Base Rates Revenue Proof									
138	Proposed Customer Charge Revenues									
139	Total Customer Charge Revenues	\$ 6,266,800	\$ 77,894	\$ 637,605	\$ 697,623	\$ 1,004,275	\$ -	\$ 170,707	\$ 3,116	\$ 8,858,019
140	Proposed Demand-Related Revenues									
141	Demand Charge	\$ -	\$ -	\$ 7,819,914	\$ 4,687,906	\$ -	\$ -	\$ -	\$ -	\$ 12,507,821
142	High Voltage Delivery Credit	\$ -	\$ -	\$ (155,913)	\$ (955)	\$ -	\$ -	\$ -	\$ -	\$ (156,868)
143	Optional Demand Surcharge (\$)	\$ -	\$ -	\$ 28,885	\$ 6,154	\$ -	\$ -	\$ -	\$ -	\$ 35,039
144	High Voltage Metering Adjustment (\$)	\$ -	\$ -	\$ (86,412)	\$ (642)	\$ -	\$ -	\$ -	\$ -	\$ (87,053)
145	Total Demand-Related Revenues	\$ -	\$ -	\$ 7,606,474	\$ 4,692,464	\$ -	\$ -	\$ -	\$ -	\$ 12,298,938
146	Proposed Energy-Related Revenues									
147	Proposed Distribution Quantity \$/kWh	\$ 15,836,431	\$ -	\$ -	\$ 418,821	\$ 4,698,123	\$ -	\$ 627,593	\$ 16,380	\$ 21,597,347
148	Proposed Distribution Quantity On Peak \$/kWh	\$ -	\$ 248,586	\$ 880,065	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,128,650
149	Proposed Distribution Quantity Off Peak \$/kWh	\$ -	\$ 6,070	\$ 335,760	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341,830
150	Proposed Distribution Farm \$/kWh	\$ 48,434	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 48,434
151	Proposed Distribution Quantity 6 hour control \$/kWh	\$ 38,799	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,799
152	Proposed Distribution Quantity 16 hour control \$/kWh	\$ 55,473	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,473
153	Total Energy-Related Revenues	\$ 15,979,138	\$ 254,656	\$ 1,215,824	\$ 418,821	\$ 4,698,123	\$ -	\$ 627,593	\$ 16,380	\$ 23,210,534
154	Proposed Outdoor Lighting Revenues						\$ 1,074,460			\$ 1,074,460
155										
156	Total Proposed Revenues	\$ 22,245,939	\$ 332,550	\$ 9,459,904	\$ 5,808,907	\$ 5,702,397	\$ 1,074,460	\$ 798,299	\$ 19,496	\$ 45,441,952
157	Revenue variance is due to rounding	\$ 1,376	\$ 22	\$ (1,191)	\$ (81)	\$ 423	\$ 29	\$ 52	\$ (2)	\$ 630

Revenues at current rates \$940,058
Proposed Rate M revenue target \$1,074,431

14.29% Proposed % increase in Rate M Fixtures

Line	Rate M Fixtures	Test Year 12 months Fixtures	June 2018 Rates (Annual)	June 2018 Rates (Monthly)	Proforma Test Year Revenues at Current Rates	Proposed Rates Annual	Proposed rates (Monthly)	Revenues at Proposed Rates	Annual Increase per fixture	% Increase
1	Sodium Vapor 4,000	29,246	\$88.32	\$7.36	\$215,248	\$100.94	\$8.41	\$245,956	\$12.62	14.3%
2	Sodium Vapor 4,000 Part Night	12	\$88.32	\$7.36	\$88	\$100.94	\$8.41	\$101	\$12.62	14.3%
3	Sodium Vapor 9,600	21,783	\$107.16	\$8.93	\$194,518	\$122.48	\$10.21	\$222,400	\$15.32	14.3%
4	Sodium Vapor 27,500	6,092	\$188.40	\$15.70	\$95,650	\$215.33	\$17.94	\$109,297	\$26.93	14.3%
5	Sodium Vapor 50,000	1,430	\$245.40	\$20.45	\$29,252	\$280.48	\$23.37	\$33,429	\$35.08	14.3%
6	Sodium Vapor 9,600 (Post Top)	4,848	\$123.48	\$10.29	\$49,891	\$141.13	\$11.76	\$57,018	\$17.65	14.3%
7	Sodium Vapor 27500 (Flood)	3,083	\$189.96	\$15.83	\$48,797	\$217.11	\$18.09	\$55,764	\$27.15	14.3%
8	Sodium Vapor 50,000 (Flood)	5,044	\$262.32	\$21.86	\$110,267	\$299.82	\$24.99	\$126,056	\$37.50	14.3%
9	Incandescent 1,000	276	\$118.08	\$9.84	\$2,716	\$134.96	\$11.25	\$3,105	\$16.88	14.3%
10	Mercury Vapor 4,000	808	\$85.32	\$7.11	\$5,745	\$97.52	\$8.13	\$6,569	\$12.20	14.3%
11	Mercury Vapor 8,000	1,575	\$103.92	\$8.66	\$13,640	\$118.77	\$9.90	\$15,594	\$14.85	14.3%
12	Mercury Vapor 22,000	601	\$196.56	\$16.38	\$9,844	\$224.66	\$18.72	\$11,251	\$28.10	14.3%
13	Mercury Vapor 63,000	12	\$372.96	\$31.08	\$373	\$426.27	\$35.52	\$426	\$53.31	14.3%
14	Mercury Vapor 22,000 (Flood)	248	\$217.32	\$18.11	\$4,483	\$248.38	\$20.70	\$5,124	\$31.06	14.3%
15	Mercury Vapor 63,000 (Flood)	0	\$375.36	\$31.28	\$0	\$429.01	\$35.75	\$0	\$53.65	14.3%
16	Wood Poles	1,391	\$104.16	\$8.68	\$12,071	\$119.05	\$9.92	\$13,796	\$14.89	14.3%
17	Fiberglass Direct Embedded	2,940	\$107.88	\$8.99	\$26,431	\$123.30	\$10.28	\$30,223	\$15.42	14.3%
18	Fiberglass With Foundation < 25 Ft.	1,742	\$183.12	\$15.26	\$26,578	\$209.30	\$17.44	\$30,375	\$26.18	14.3%
19	Fiberglass with Foundation >= 25 ft.	48	\$305.88	\$25.49	\$1,224	\$349.60	\$29.13	\$1,398	\$43.72	14.3%
20	Metal Poles Direct Embedded	1,944	\$218.16	\$18.18	\$35,342	\$249.34	\$20.78	\$40,396	\$31.18	14.3%
21	Metal Poles with Foundation	1,188	\$263.16	\$21.93	\$26,053	\$300.78	\$25.07	\$29,783	\$37.62	14.3%
22	LED 3000 Full-Night Service	173	\$130.44	\$10.87	\$1,881	\$149.09	\$12.42	\$2,149	\$18.65	14.3%
23	LED 5000 Full-Night Service	779	\$135.84	\$11.32	\$8,818	\$155.26	\$12.94	\$10,080	\$19.42	14.3%
24	LED 16000 Full-Night Service	1,363	\$156.96	\$13.08	\$17,826	\$179.40	\$14.95	\$20,374	\$22.44	14.3%
25	LED 21000 Full-Night Service	43	\$206.64	\$17.22	\$740	\$236.18	\$19.68	\$846	\$29.54	14.3%
26	LED 5000 Underground Res Full-Nigh	156	\$149.28	\$12.44	\$1,941	\$170.62	\$14.22	\$2,218	\$21.34	14.3%
27	LED 9400 Flood Full-Night Service	17	\$150.48	\$12.54	\$212	\$171.99	\$14.33	\$242	\$21.51	14.3%
28	LED 14600 Flood Full-Night Service	30	\$164.76	\$13.73	\$417	\$188.31	\$15.69	\$477	\$23.55	14.3%
29	LED 4800 Barn Part-Night Service	2	\$57.48	\$4.79	\$11	\$65.70	\$5.48	\$12	\$8.22	14.3%
30	Total				\$940,058			\$1,074,460		

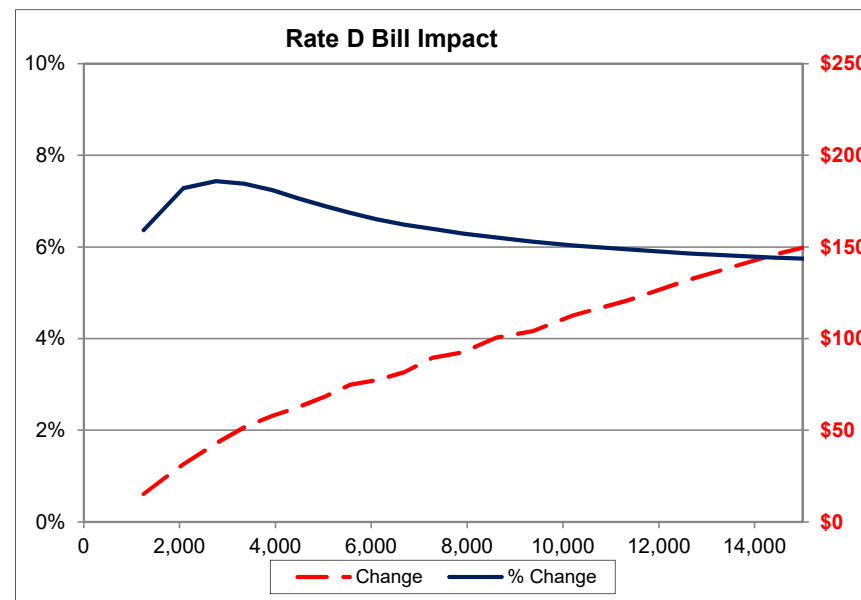
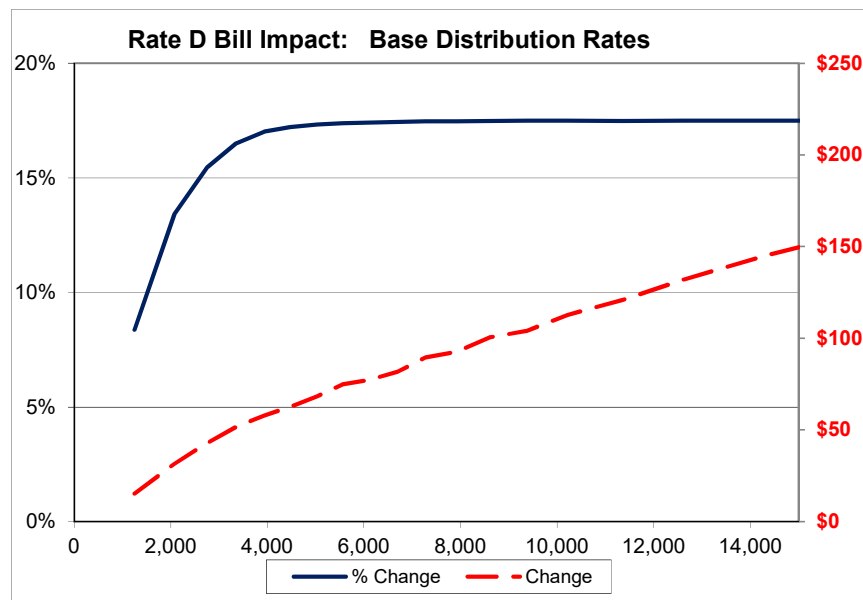
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE

D Present Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Present Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE

Line

1	D Present Rates	D Proposed Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.02	Customer charge \$14.76
6		
7		
8	First 250 kWh \$0.04299	First 250 kWh \$0.05737
9	Excess 250 kWh \$0.04883	Excess 250 kWh \$0.05737

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
			Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
Low	High												
10	0	1,248	\$182.99	\$198.32	\$15.33	8.4%	\$240.86	\$256.19	\$15.33	6.4%	1,733	1,733	5.0%
11	1,260	2,076	\$235.65	\$267.26	\$31.60	13.4%	\$434.17	\$465.77	\$31.60	7.3%	1,748	3,481	10.0%
12	2,088	2,760	\$277.90	\$320.87	\$42.97	15.5%	\$577.64	\$620.61	\$42.97	7.4%	1,728	5,209	15.0%
13	2,772	3,348	\$312.80	\$364.41	\$51.60	16.5%	\$699.16	\$750.76	\$51.60	7.4%	1,741	6,950	20.0%
14	3,360	3,936	\$340.46	\$398.41	\$57.95	17.0%	\$800.13	\$858.08	\$57.95	7.2%	1,710	8,660	25.0%
15	3,948	4,476	\$363.73	\$426.35	\$62.62	17.2%	\$887.35	\$949.97	\$62.62	7.1%	1,740	10,400	30.0%
16	4,488	5,028	\$394.86	\$463.26	\$68.39	17.3%	\$992.89	\$1,061.28	\$68.39	6.9%	1,726	12,126	35.0%
17	5,040	5,556	\$430.39	\$505.20	\$74.81	17.4%	\$1,109.64	\$1,184.44	\$74.81	6.7%	1,732	13,858	39.9%
18	5,568	6,108	\$444.17	\$521.53	\$77.36	17.4%	\$1,170.70	\$1,248.05	\$77.36	6.6%	1,749	15,607	45.0%
19	6,120	6,684	\$468.23	\$549.87	\$81.64	17.4%	\$1,258.16	\$1,339.80	\$81.64	6.5%	1,754	17,361	50.0%
20	6,696	7,272	\$512.64	\$602.18	\$89.54	17.5%	\$1,400.86	\$1,490.40	\$89.54	6.4%	1,719	19,080	55.0%
21	7,284	7,920	\$530.46	\$623.14	\$92.68	17.5%	\$1,472.95	\$1,565.63	\$92.68	6.3%	1,736	20,816	60.0%
22	7,932	8,604	\$575.18	\$675.72	\$100.54	17.5%	\$1,620.79	\$1,721.33	\$100.54	6.2%	1,731	22,547	65.0%
23	8,616	9,360	\$594.95	\$699.00	\$104.05	17.5%	\$1,701.84	\$1,805.89	\$104.05	6.1%	1,746	24,293	70.0%
24	9,372	10,212	\$644.89	\$757.69	\$112.80	17.5%	\$1,868.95	\$1,981.74	\$112.80	6.0%	1,729	26,022	75.0%
25	10,224	11,340	\$691.11	\$811.95	\$120.84	17.5%	\$2,032.54	\$2,153.38	\$120.84	5.9%	1,740	27,762	80.0%
26	11,352	12,624	\$755.06	\$887.14	\$132.09	17.5%	\$2,255.17	\$2,387.25	\$132.09	5.9%	1,734	29,496	85.0%
27	12,636	14,400	\$833.25	\$979.01	\$145.76	17.5%	\$2,528.49	\$2,674.25	\$145.76	5.8%	1,726	31,222	90.0%
28	14,412	17,580	\$949.82	\$1,116.00	\$166.18	17.5%	\$2,937.91	\$3,104.09	\$166.18	5.7%	1,738	32,960	95.0%
29	17,592	131,676	\$1,313.94	\$1,543.81	\$229.87	17.5%	\$4,213.35	\$4,443.22	\$229.87	5.5%	1,734	34,694	100.0%

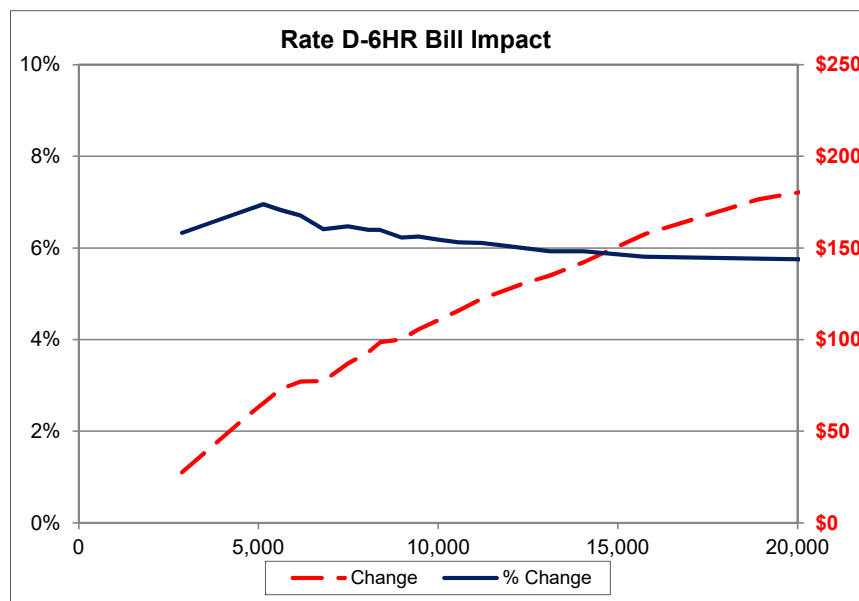
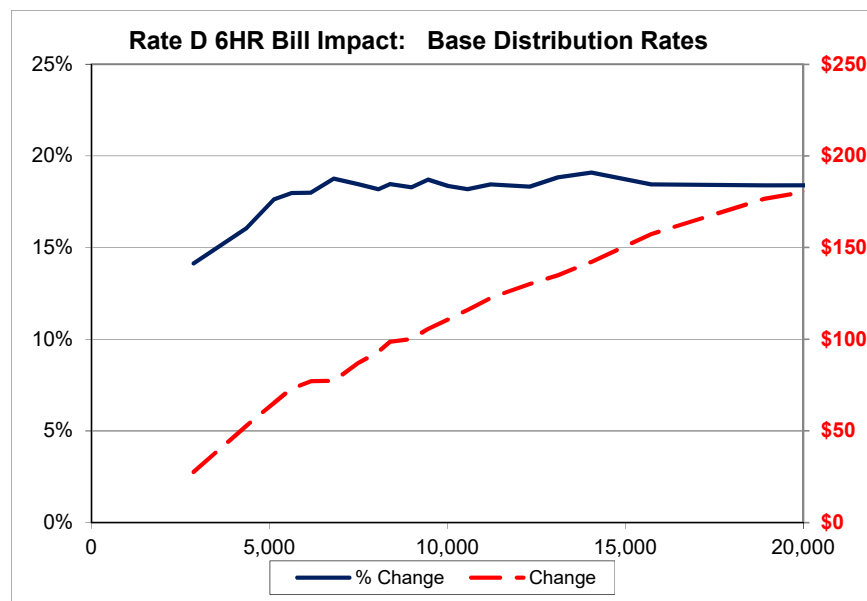
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 6 Hour Control

D Present Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
Off Peak Use	\$0.04114
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.05043
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Present Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
Off Peak Use	\$0.04114
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.05043
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 6 Hour Control

Line

1	D Present Rates	D Proposed Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.02	Customer charge \$14.76
6		
7	Off Peak Use \$0.04114	Off Peak Use \$0.05043
8	First 250 kWh \$0.04299	First 250 kWh \$0.05737
9	Excess 250 kWh \$0.04883	Excess 250 kWh \$0.05737

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
			Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
	Low	High											
10	0	2,869	\$195.46	\$223.08	\$27.62	14.1%	\$436.08	\$463.70	\$27.62	6.3%	12	12	4.6%
11	2,869	4,355	\$329.05	\$381.89	\$52.84	16.1%	\$783.17	\$836.01	\$52.84	6.7%	13	25	9.5%
12	4,355	5,131	\$370.86	\$436.30	\$65.44	17.6%	\$941.02	\$1,006.46	\$65.44	7.0%	13	38	14.5%
13	5,131	5,614	\$406.07	\$479.05	\$72.98	18.0%	\$1,069.19	\$1,142.17	\$72.98	6.8%	13	51	19.5%
14	5,614	6,162	\$429.25	\$506.44	\$77.19	18.0%	\$1,150.85	\$1,228.04	\$77.19	6.7%	13	64	24.4%
15	6,162	6,802	\$412.37	\$489.74	\$77.36	18.8%	\$1,207.52	\$1,284.88	\$77.36	6.4%	13	77	29.4%
16	6,802	7,480	\$470.49	\$557.39	\$86.90	18.5%	\$1,343.18	\$1,430.08	\$86.90	6.5%	14	91	34.7%
17	7,480	8,054	\$512.48	\$605.68	\$93.20	18.2%	\$1,457.17	\$1,550.37	\$93.20	6.4%	13	104	39.7%
18	8,054	8,377	\$533.65	\$632.16	\$98.52	18.5%	\$1,540.43	\$1,638.95	\$98.52	6.4%	13	117	44.7%
19	8,377	8,985	\$547.65	\$647.79	\$100.15	18.3%	\$1,607.69	\$1,707.84	\$100.15	6.2%	13	130	49.6%
20	8,985	9,454	\$564.50	\$670.06	\$105.56	18.7%	\$1,689.67	\$1,795.23	\$105.56	6.2%	13	143	54.6%
21	9,454	10,019	\$603.64	\$714.51	\$110.87	18.4%	\$1,794.90	\$1,905.77	\$110.87	6.2%	13	156	59.5%
22	10,019	10,566	\$637.79	\$753.76	\$115.97	18.2%	\$1,894.88	\$2,010.85	\$115.97	6.1%	13	169	64.5%
23	10,566	11,214	\$663.74	\$786.15	\$122.41	18.4%	\$2,002.86	\$2,125.27	\$122.41	6.1%	14	183	69.8%
24	11,214	12,308	\$710.39	\$840.52	\$130.13	18.3%	\$2,167.06	\$2,297.19	\$130.13	6.0%	13	196	74.8%
25	12,308	13,102	\$716.35	\$851.28	\$134.92	18.8%	\$2,276.04	\$2,410.97	\$134.92	5.9%	13	209	79.8%
26	13,102	14,045	\$744.80	\$887.00	\$142.20	19.1%	\$2,399.60	\$2,541.80	\$142.20	5.9%	13	222	84.7%
27	14,045	15,727	\$853.33	\$1,010.80	\$157.47	18.5%	\$2,712.48	\$2,869.95	\$157.47	5.8%	13	235	89.7%
28	15,727	18,902	\$959.58	\$1,136.12	\$176.54	18.4%	\$3,062.10	\$3,238.65	\$176.54	5.8%	13	248	94.7%
29	18,902	34,757	\$1,252.71	\$1,483.47	\$230.77	18.4%	\$4,139.40	\$4,370.17	\$230.77	5.6%	14	262	100.0%

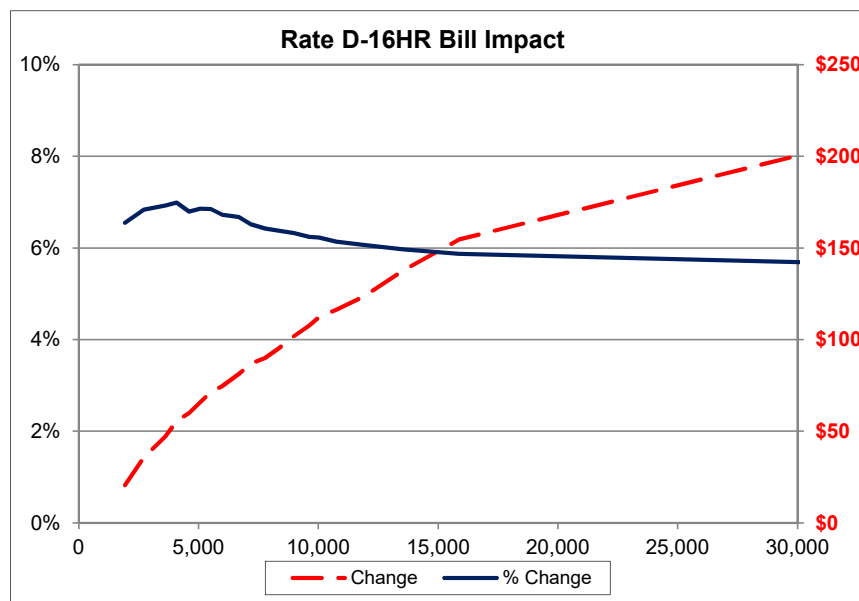
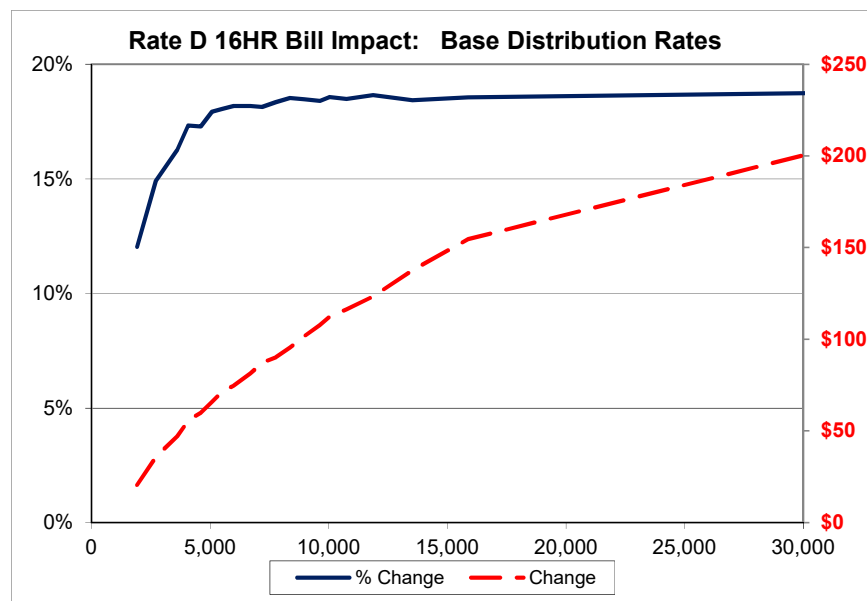
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 16 Hour Control

D Present Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
Off Peak Use	\$0.04039
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.04951
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Present Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
Off Peak Use	\$0.04039
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.04951
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 16 Hour Control

Line

1	D Present Rates	D Proposed Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.02	Customer charge \$14.76
6		
7	Off Peak Use \$0.04039	Off Peak Use \$0.04951
8	First 250 kWh \$0.04299	First 250 kWh \$0.05737
9	Excess 250 kWh \$0.04883	Excess 250 kWh \$0.05737

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers	
10	0	1,921	\$170.81	\$191.36	\$20.56	12.0%	\$313.81	\$334.36	\$20.56	6.6%	22	22	4.7%
11	1,921	2,715	\$239.93	\$275.71	\$35.78	14.9%	\$523.43	\$559.22	\$35.78	6.8%	23	45	9.6%
12	2,715	3,614	\$289.77	\$336.90	\$47.12	16.3%	\$680.58	\$727.70	\$47.12	6.9%	24	69	14.7%
13	3,614	4,072	\$321.49	\$377.19	\$55.69	17.3%	\$796.83	\$852.52	\$55.69	7.0%	23	92	19.7%
14	4,072	4,600	\$346.15	\$405.98	\$59.83	17.3%	\$880.55	\$940.39	\$59.83	6.8%	24	116	24.8%
15	4,600	5,067	\$366.72	\$432.48	\$65.75	17.9%	\$958.61	\$1,024.37	\$65.75	6.9%	23	139	29.7%
16	5,067	5,512	\$396.46	\$468.05	\$71.59	18.1%	\$1,044.77	\$1,116.35	\$71.59	6.9%	24	163	34.8%
17	5,512	5,988	\$410.66	\$485.32	\$74.66	18.2%	\$1,111.00	\$1,185.66	\$74.66	6.7%	23	186	39.7%
18	5,988	6,685	\$446.99	\$528.23	\$81.24	18.2%	\$1,217.73	\$1,298.97	\$81.24	6.7%	24	210	44.9%
19	6,685	7,185	\$480.56	\$567.73	\$87.16	18.1%	\$1,338.01	\$1,425.18	\$87.16	6.5%	23	233	49.8%
20	7,185	7,770	\$491.40	\$581.52	\$90.13	18.3%	\$1,403.94	\$1,494.07	\$90.13	6.4%	23	256	54.7%
21	7,770	8,358	\$515.33	\$610.79	\$95.46	18.5%	\$1,497.42	\$1,592.88	\$95.46	6.4%	24	280	59.8%
22	8,358	8,965	\$551.06	\$652.81	\$101.75	18.5%	\$1,608.89	\$1,710.64	\$101.75	6.3%	23	303	64.7%
23	8,965	9,621	\$585.33	\$693.04	\$107.72	18.4%	\$1,725.71	\$1,833.43	\$107.72	6.2%	24	327	69.9%
24	9,621	10,026	\$604.14	\$716.34	\$112.20	18.6%	\$1,800.91	\$1,913.11	\$112.20	6.2%	23	350	74.8%
25	10,026	10,750	\$629.16	\$745.49	\$116.33	18.5%	\$1,895.80	\$2,012.13	\$116.33	6.1%	24	374	79.9%
26	10,750	11,866	\$661.49	\$784.84	\$123.35	18.6%	\$2,033.38	\$2,156.73	\$123.35	6.1%	23	397	84.8%
27	11,866	13,530	\$747.65	\$885.41	\$137.75	18.4%	\$2,306.82	\$2,444.57	\$137.75	6.0%	24	421	90.0%
28	13,530	15,874	\$833.31	\$987.90	\$154.59	18.6%	\$2,632.05	\$2,786.64	\$154.59	5.9%	23	444	94.9%
29	15,874	30,062	\$1,070.66	\$1,271.21	\$200.55	18.7%	\$3,522.11	\$3,722.66	\$200.55	5.7%	24	468	100.0%

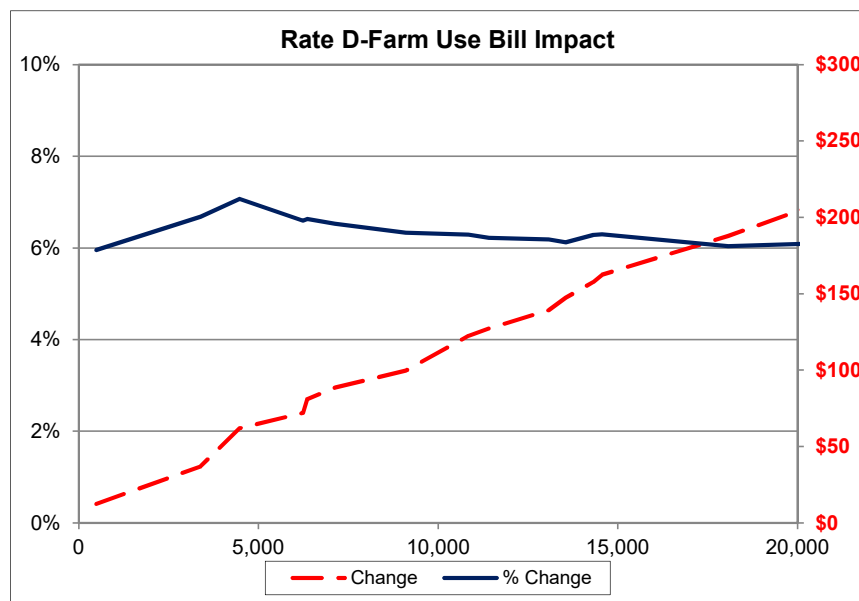
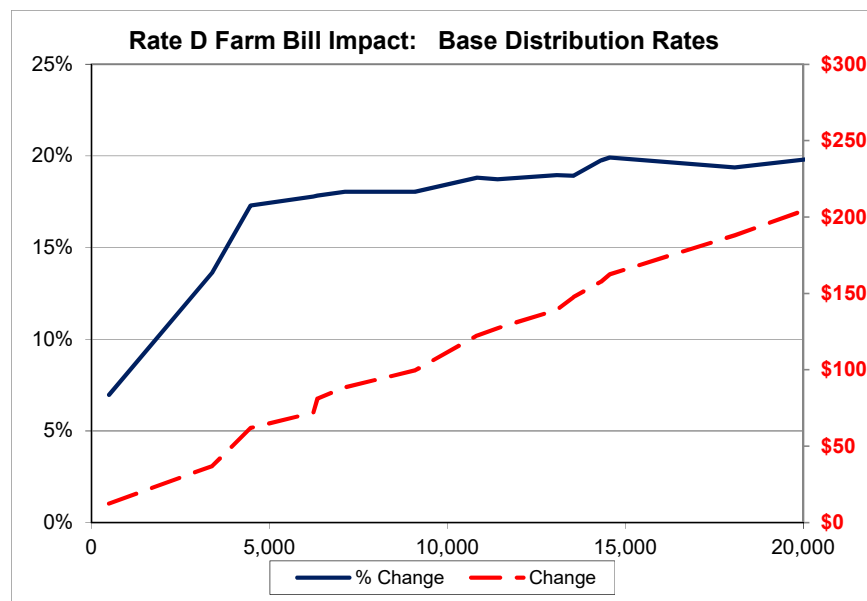
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE - Farm Use

D Present Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
Farm Use	\$0.04416
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Farm Use	\$0.05413
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Present Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.02
Farm Use	\$0.04416
First 250 kWh	\$0.04299
Excess 250 kWh	\$0.04883

D Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Farm Use	\$0.05413
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D : DOMESTIC SERVICE - Farm Use

Line

1	D Present Rates	D Proposed Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.02	Customer charge \$14.76
6		
7	Farm Use \$0.04416	Farm Use \$0.05413
8	First 250 kWh \$0.04299	First 250 kWh \$0.05737
9	Excess 250 kWh \$0.04883	Excess 250 kWh \$0.05737

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
			Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
	Low	High											
10	0	487	\$179	\$191	\$12	7.0%	\$209.40	\$221.87	\$12.47	6.0%	2	2	3.6%
11	487	3,385	\$272	\$309	\$37	13.6%	\$554.90	\$591.99	\$37.09	6.7%	3	5	9.1%
12	3,385	4,472	\$358	\$420	\$62	17.3%	\$875.49	\$937.38	\$61.89	7.1%	3	8	14.5%
13	4,472	6,235	\$405	\$477	\$72	17.8%	\$1,091.79	\$1,163.81	\$72.03	6.6%	3	11	20.0%
14	6,235	6,348	\$455	\$536	\$81	17.8%	\$1,223.26	\$1,304.39	\$81.13	6.6%	2	13	23.6%
15	6,348	7,125	\$491	\$579	\$89	18.0%	\$1,356.10	\$1,444.64	\$88.54	6.5%	3	16	29.1%
16	7,125	9,093	\$553	\$652	\$100	18.0%	\$1,575.16	\$1,674.87	\$99.71	6.3%	3	19	34.5%
17	9,093	10,838	\$651	\$774	\$122	18.8%	\$1,945.85	\$2,068.31	\$122.46	6.3%	3	22	40.0%
18	10,838	11,409	\$680	\$808	\$127	18.7%	\$2,047.08	\$2,174.46	\$127.38	6.2%	2	24	43.6%
19	11,409	13,076	\$735	\$874	\$139	18.9%	\$2,250.14	\$2,389.39	\$139.25	6.2%	3	27	49.1%
20	13,076	13,545	\$780	\$927	\$148	18.9%	\$2,408.75	\$2,556.28	\$147.54	6.1%	3	30	54.5%
21	13,545	14,316	\$798	\$956	\$158	19.8%	\$2,508.51	\$2,666.19	\$157.67	6.3%	3	33	60.0%
22	14,316	14,558	\$816	\$978	\$163	19.9%	\$2,580.42	\$2,742.92	\$162.50	6.3%	2	35	63.6%
23	14,558	18,073	\$971	\$1,159	\$188	19.4%	\$3,113.49	\$3,301.45	\$187.96	6.0%	3	38	69.1%
24	18,073	21,246	\$1,070	\$1,285	\$215	20.1%	\$3,509.80	\$3,724.51	\$214.71	6.1%	3	41	74.5%
25	21,246	26,756	\$1,358	\$1,633	\$275	20.2%	\$4,568.29	\$4,843.25	\$274.96	6.0%	3	44	80.0%
26	26,756	35,641	\$1,636	\$1,983	\$347	21.2%	\$5,660.53	\$6,007.70	\$347.17	6.1%	2	46	83.6%
27	35,641	50,091	\$2,177	\$2,636	\$459	21.1%	\$7,646.15	\$8,105.22	\$459.07	6.0%	3	49	89.1%
28	50,091	132,674	\$4,044	\$4,921	\$878	21.7%	\$14,674.47	\$15,552.03	\$877.56	6.0%	3	52	94.5%
29	132,674	722,508	\$16,805	\$19,963	\$3,158	18.8%	\$59,548.15	\$62,706.35	\$3,158.20	5.3%	3	55	100.0%

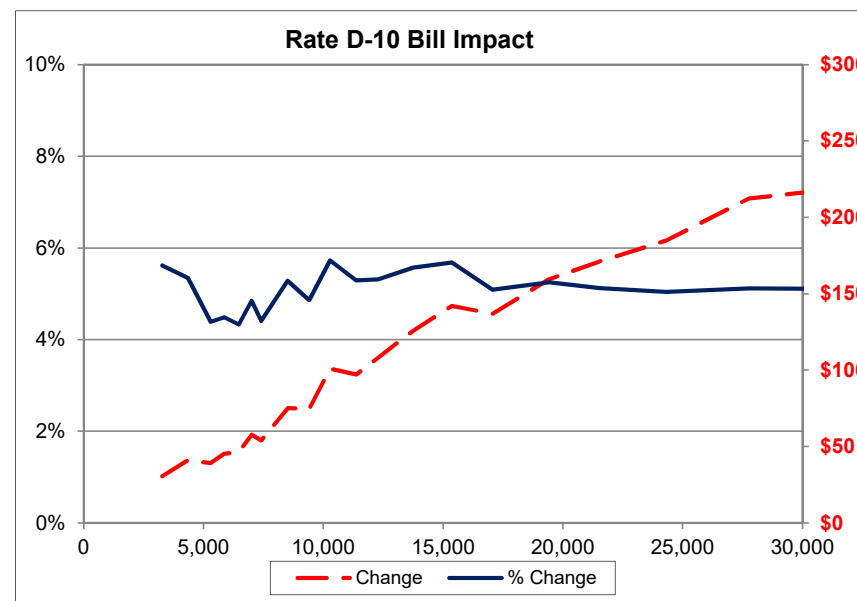
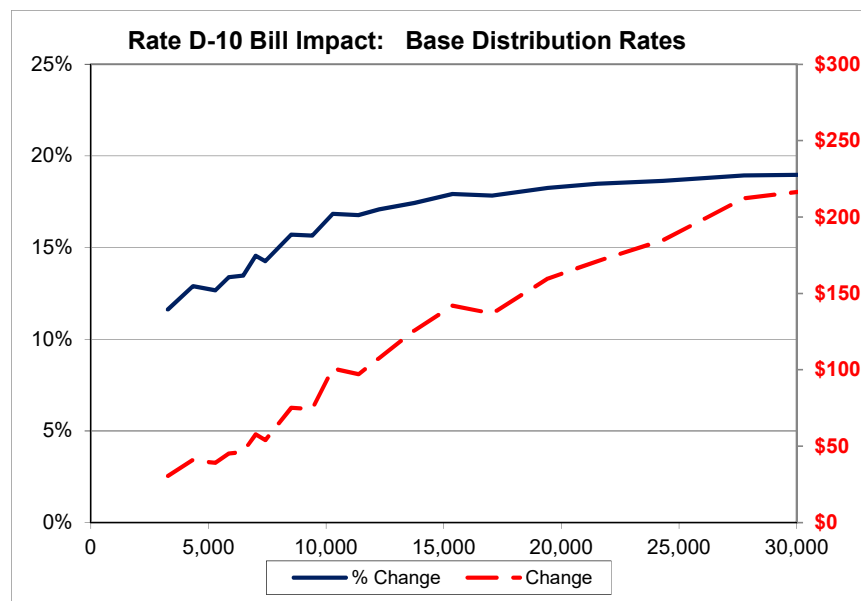
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D-10 : DOMESTIC SERVICE Optional Peak Load Pricing

D-10 Present Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03505
Customer charge	\$14.02
Peak kWh	\$0.10054
Off Peak kWh	\$0.00139

D-10 Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03505
Customer charge	\$14.76
Peak kWh	\$0.12200
Off Peak kWh	\$0.00169

D-10 Present Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03505
Customer charge	\$14.02
Peak kWh	\$0.10054
Off Peak kWh	\$0.00139

D-10 Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03505
Customer charge	\$14.76
Peak kWh	\$0.12200
Off Peak kWh	\$0.00169



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE D-10 : DOMESTIC SERVICE Optional Peak Load Pricing

Line

1	D-10 Present Rates	D-10 Proposed Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03505	Other Tracking Mechanisms \$0.03505
4		
5	Customer charge \$14.02	Customer charge \$14.76
6		
7		
8	Peak kWh \$0.10054	Peak kWh \$0.12200
9	Off Peak kWh \$0.00139	Off Peak kWh \$0.00169

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
			Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
	Low	High											
10	0	3,272	\$262.59	\$293.12	\$30.54	11.6%	\$543.35	\$573.89	\$30.54	5.6%	20	20	4.6%
11	3,272	4,337	\$318.52	\$359.63	\$41.10	12.9%	\$768.73	\$809.84	\$41.10	5.3%	22	42	9.6%
12	4,337	5,290	\$308.18	\$347.23	\$39.05	12.7%	\$889.00	\$928.05	\$39.05	4.4%	22	64	14.7%
13	5,290	5,859	\$338.15	\$383.41	\$45.26	13.4%	\$1,008.39	\$1,053.65	\$45.26	4.5%	22	86	19.7%
14	5,859	6,467	\$344.77	\$391.25	\$46.47	13.5%	\$1,073.70	\$1,120.18	\$46.47	4.3%	22	108	24.8%
15	6,467	7,006	\$397.34	\$455.15	\$57.81	14.5%	\$1,193.54	\$1,251.35	\$57.81	4.8%	22	130	29.8%
16	7,006	7,408	\$379.38	\$433.47	\$54.10	14.3%	\$1,228.95	\$1,283.05	\$54.10	4.4%	21	151	34.6%
17	7,408	8,506	\$478.60	\$553.77	\$75.16	15.7%	\$1,423.00	\$1,498.17	\$75.16	5.3%	22	173	39.7%
18	8,506	9,408	\$475.60	\$550.06	\$74.46	15.7%	\$1,531.08	\$1,605.54	\$74.46	4.9%	22	195	44.7%
19	9,408	10,276	\$599.25	\$700.15	\$100.90	16.8%	\$1,761.12	\$1,862.03	\$100.90	5.7%	22	217	49.8%
20	10,276	11,375	\$579.27	\$676.42	\$97.15	16.8%	\$1,835.64	\$1,932.79	\$97.15	5.3%	22	239	54.8%
21	11,375	12,247	\$631.52	\$739.42	\$107.90	17.1%	\$2,029.68	\$2,137.57	\$107.90	5.3%	22	261	59.9%
22	12,247	13,747	\$721.92	\$847.77	\$125.85	17.4%	\$2,258.11	\$2,383.96	\$125.85	5.6%	22	283	64.9%
23	13,747	15,366	\$791.83	\$933.73	\$141.91	17.9%	\$2,497.82	\$2,639.73	\$141.91	5.7%	21	304	69.7%
24	15,366	17,055	\$768.63	\$905.65	\$137.02	17.8%	\$2,691.46	\$2,828.48	\$137.02	5.1%	22	326	74.8%
25	17,055	19,418	\$874.84	\$1,034.52	\$159.68	18.3%	\$3,042.66	\$3,202.34	\$159.68	5.2%	22	348	79.8%
26	19,418	21,508	\$925.13	\$1,096.15	\$171.02	18.5%	\$3,335.65	\$3,506.67	\$171.02	5.1%	22	370	84.9%
27	21,508	24,317	\$993.02	\$1,178.03	\$185.01	18.6%	\$3,671.36	\$3,856.37	\$185.01	5.0%	22	392	89.9%
28	24,317	27,759	\$1,121.09	\$1,333.41	\$212.31	18.9%	\$4,147.56	\$4,359.88	\$212.31	5.1%	22	414	95.0%
29	27,759	64,654	\$1,425.32	\$1,702.65	\$277.33	19.5%	\$5,542.64	\$5,819.97	\$277.33	5.0%	22	436	100.0%

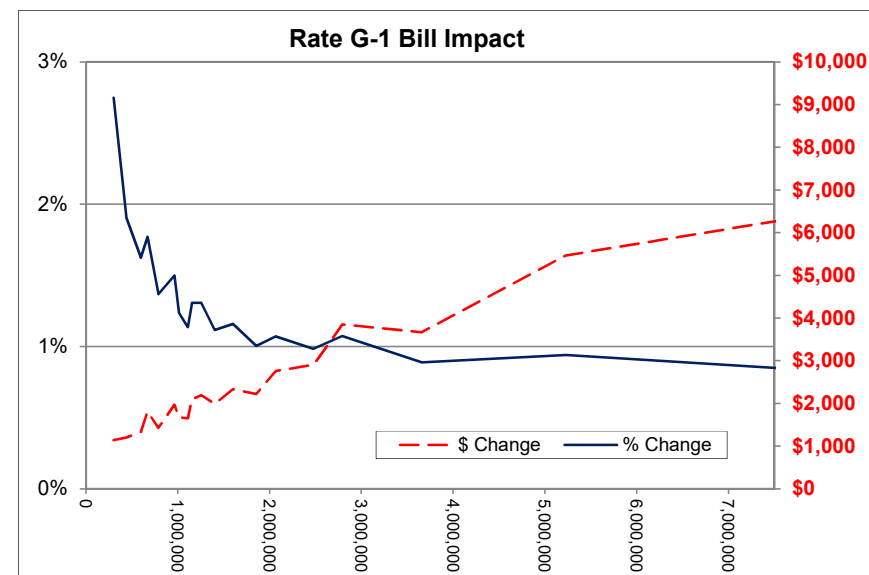
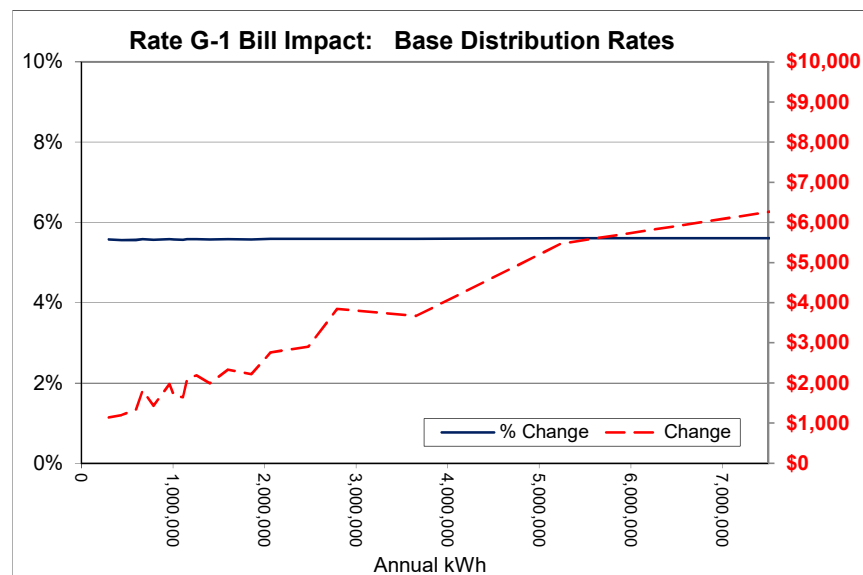
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE G-1: GENERAL SERVICE TIME-OF-USE

G-1 Present Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03201
Customer charge	\$365.24
Demand Charge	\$7.78
Peak kWh	\$0.00501
Off Peak kWh	\$0.00150

G-1 Proposed Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03201
Customer charge	\$384.47
Demand Charge	\$8.22
Peak kWh	\$0.00528
Off Peak kWh	\$0.00158

G-1 Present Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03201
Customer charge	\$365.24
Peak kWh	\$0.00501
Off Peak kWh	\$0.00150

G-1 Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03201
Customer charge	\$384.47
Peak kWh	\$0.00528
Off Peak kWh	\$0.00158



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE G-1: GENERAL SERVICE TIME-OF-USE

Line

1	G-1 Current Rates		G-1 Proposed Rates	
2	Energy Services	\$0.07542	Energy Services	\$0.07542
3	Other Tracking Mechanisms	\$0.03201	Other Tracking Mechanisms	\$0.03201
4				
5	Customer charge	\$365.24	Customer charge	\$384.47
6				
7	Demand chrg	\$7.78	Demand charge	\$8.22
8	Peak kWh	\$0.00501	Peak kWh	\$0.00528
9	Off Peak kWh	\$0.00150	Off Peak kWh	\$0.00158

	Annual Use Range (kWh)		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	299,386	\$20,425	\$21,564	\$1,140	5.6%	\$41,487	\$42,627	\$1,140	2.7%	6	6	4.4%	175,391	\$0.1165	\$0.1230
11	299,386	437,986	\$21,619	\$22,822	\$1,203	5.6%	\$63,170	\$64,373	\$1,203	1.9%	7	13	9.6%	366,979	\$0.0589	\$0.0622
12	437,986	595,428	\$23,949	\$25,281	\$1,332	5.6%	\$81,948	\$83,280	\$1,332	1.6%	7	20	14.8%	517,382	\$0.0463	\$0.0489
13	595,428	669,238	\$32,448	\$34,261	\$1,813	5.6%	\$102,412	\$104,225	\$1,813	1.8%	7	27	20.0%	640,708	\$0.0506	\$0.0535
14	669,238	787,986	\$25,672	\$27,103	\$1,431	5.6%	\$104,537	\$105,968	\$1,431	1.4%	6	33	24.4%	714,318	\$0.0359	\$0.0379
15	787,986	961,987	\$35,262	\$37,233	\$1,971	5.6%	\$131,528	\$133,499	\$1,971	1.5%	7	40	29.6%	871,224	\$0.0405	\$0.0427
16	961,987	1,011,107	\$30,100	\$31,778	\$1,679	5.6%	\$135,357	\$137,035	\$1,679	1.2%	7	47	34.8%	972,757	\$0.0309	\$0.0327
17	1,011,107	1,109,539	\$29,618	\$31,269	\$1,651	5.6%	\$145,151	\$146,802	\$1,651	1.1%	7	54	40.0%	1,061,363	\$0.0279	\$0.0295
18	1,109,539	1,153,487	\$37,538	\$39,635	\$2,097	5.6%	\$160,256	\$162,353	\$2,097	1.3%	6	60	44.4%	1,134,986	\$0.0331	\$0.0349
19	1,153,487	1,255,188	\$39,243	\$41,436	\$2,193	5.6%	\$167,740	\$169,933	\$2,193	1.3%	7	67	49.6%	1,181,570	\$0.0332	\$0.0351
20	1,255,188	1,400,986	\$35,679	\$37,669	\$1,990	5.6%	\$178,165	\$180,155	\$1,990	1.1%	7	74	54.8%	1,305,488	\$0.0273	\$0.0289
21	1,400,986	1,601,988	\$41,814	\$44,151	\$2,336	5.6%	\$201,316	\$203,652	\$2,336	1.2%	7	81	60.0%	1,455,987	\$0.0287	\$0.0303
22	1,601,988	1,855,786	\$39,798	\$42,018	\$2,221	5.6%	\$221,019	\$223,240	\$2,221	1.0%	6	87	64.4%	1,644,581	\$0.0242	\$0.0255
23	1,855,786	2,067,586	\$49,414	\$52,178	\$2,764	5.6%	\$257,706	\$260,471	\$2,764	1.1%	7	94	69.6%	1,908,611	\$0.0259	\$0.0273
24	2,067,586	2,480,391	\$52,007	\$54,917	\$2,909	5.6%	\$295,538	\$298,447	\$2,909	1.0%	7	101	74.8%	2,207,903	\$0.0236	\$0.0249
25	2,480,391	2,792,386	\$68,758	\$72,606	\$3,848	5.6%	\$358,163	\$362,011	\$3,848	1.1%	7	108	80.0%	2,649,323	\$0.0260	\$0.0274
26	2,792,386	3,656,788	\$65,609	\$69,281	\$3,672	5.6%	\$412,482	\$416,154	\$3,672	0.9%	6	114	84.4%	3,084,763	\$0.0213	\$0.0225
27	3,656,788	5,231,786	\$97,413	\$102,879	\$5,466	5.6%	\$580,397	\$585,863	\$5,466	0.9%	7	121	89.6%	4,270,802	\$0.0228	\$0.0241
28	5,231,786	8,164,189	\$115,756	\$122,252	\$6,496	5.6%	\$788,902	\$795,398	\$6,496	0.8%	7	128	94.8%	5,846,987	\$0.0198	\$0.0209
29	8,164,189	58,034,730	\$427,115	\$451,106	\$23,991	5.6%	\$2,750,426	\$2,774,417	\$23,991	0.9%	7	135	100.0%	14,501,914	\$0.0295	\$0.0311

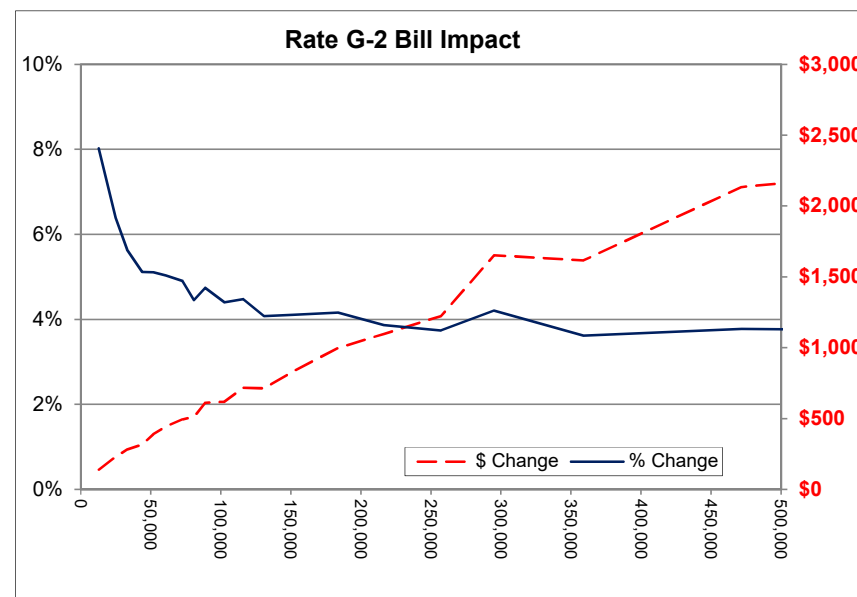
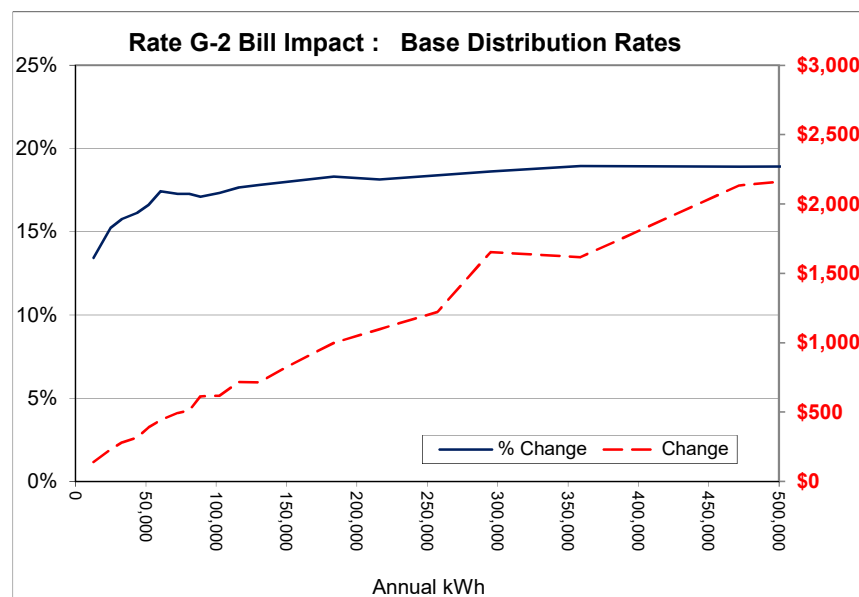
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE G-2: GENERAL LONG HOUR SERVICE

G-2 Current Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03523
Customer charge	\$60.90
Demand Charge	\$7.83
kWh Charge	\$0.00196

G-2 Proposed Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03523
Customer charge	\$64.11
Demand Charge	\$9.19
kWh Charge	\$0.00283

G-2 Current Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03523
Customer charge	\$60.90
Demand Charge	\$7.83
kWh Charge	\$0.00196

G-2 Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03523
Customer charge	\$64.11
Demand Charge	\$9.19
kWh Charge	\$0.00283



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE G-2: GENERAL LONG HOUR SERVICE

Line

G-2 Current Rates		G-2 Proposed Rates	
Energy Services	\$0.07542	Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03523	Other Tracking Mechanisms	\$0.03523
Customer charge	\$60.90	Customer charge	\$64.11
Demand charge	\$7.83	Demand charge	\$9.19
kWh Charge	\$0.00196	kWh Charge	\$0.00283

	Annual Use Range		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	12,846	\$1,044	\$1,184	\$140	13.4%	\$1,747	\$1,887	\$140	8.0%	39	39	4.5%	5,599	\$0.1864	\$0.2114
11	12,846	24,865	\$1,516	\$1,746	\$231	15.2%	\$3,611	\$3,841	\$231	6.4%	43	82	9.5%	18,654	\$0.0813	\$0.0936
12	24,865	32,964	\$1,793	\$2,075	\$282	15.8%	\$5,012	\$5,295	\$282	5.6%	44	126	14.6%	28,908	\$0.0620	\$0.0718
13	32,964	43,786	\$1,967	\$2,284	\$317	16.1%	\$6,196	\$6,513	\$317	5.1%	43	169	19.6%	37,969	\$0.0518	\$0.0602
14	43,786	51,821	\$2,346	\$2,736	\$390	16.6%	\$7,631	\$8,020	\$390	5.1%	43	212	24.6%	47,573	\$0.0493	\$0.0575
15	51,821	60,673	\$2,547	\$2,991	\$444	17.4%	\$8,815	\$9,259	\$444	5.0%	44	256	29.7%	56,448	\$0.0451	\$0.0530
16	60,673	72,534	\$2,861	\$3,355	\$495	17.3%	\$10,079	\$10,573	\$495	4.9%	43	299	34.6%	64,956	\$0.0440	\$0.0517
17	72,534	80,887	\$2,961	\$3,473	\$512	17.3%	\$11,491	\$12,003	\$512	4.5%	43	342	39.6%	76,892	\$0.0385	\$0.0452
18	80,887	88,708	\$3,583	\$4,196	\$613	17.1%	\$12,916	\$13,529	\$613	4.7%	44	386	44.7%	84,167	\$0.0426	\$0.0499
19	88,708	102,493	\$3,564	\$4,182	\$618	17.3%	\$14,036	\$14,654	\$618	4.4%	43	429	49.7%	94,319	\$0.0378	\$0.0443
20	102,493	116,102	\$4,063	\$4,781	\$718	17.7%	\$16,021	\$16,739	\$718	4.5%	43	472	54.7%	107,752	\$0.0377	\$0.0444
21	116,102	130,794	\$4,009	\$4,724	\$715	17.8%	\$17,509	\$18,223	\$715	4.1%	44	516	59.8%	121,668	\$0.0330	\$0.0388
22	130,794	151,193	\$4,617	\$5,448	\$831	18.0%	\$20,247	\$21,078	\$831	4.1%	43	559	64.8%	140,781	\$0.0328	\$0.0387
23	151,193	183,655	\$5,449	\$6,447	\$998	18.3%	\$23,955	\$24,953	\$998	4.2%	43	602	69.8%	166,489	\$0.0327	\$0.0387
24	183,655	216,195	\$6,049	\$7,146	\$1,097	18.1%	\$28,369	\$29,466	\$1,097	3.9%	44	646	74.9%	200,973	\$0.0301	\$0.0356
25	216,195	257,193	\$6,652	\$7,876	\$1,224	18.4%	\$32,692	\$33,916	\$1,224	3.7%	43	689	79.8%	234,386	\$0.0284	\$0.0336
26	257,193	295,033	\$8,874	\$10,528	\$1,654	18.6%	\$39,298	\$40,952	\$1,654	4.2%	43	732	84.8%	274,075	\$0.0324	\$0.0384
27	295,033	358,876	\$8,530	\$10,146	\$1,616	18.9%	\$44,620	\$46,236	\$1,616	3.6%	44	776	89.9%	324,711	\$0.0263	\$0.0312
28	358,876	471,796	\$11,273	\$13,406	\$2,133	18.9%	\$56,416	\$58,549	\$2,133	3.8%	43	819	94.9%	405,352	\$0.0278	\$0.0331
29	471,796	2,019,793	\$18,375	\$21,933	\$3,558	19.4%	\$106,448	\$110,006	\$3,558	3.3%	44	863	100.0%	760,776	\$0.0242	\$0.0288

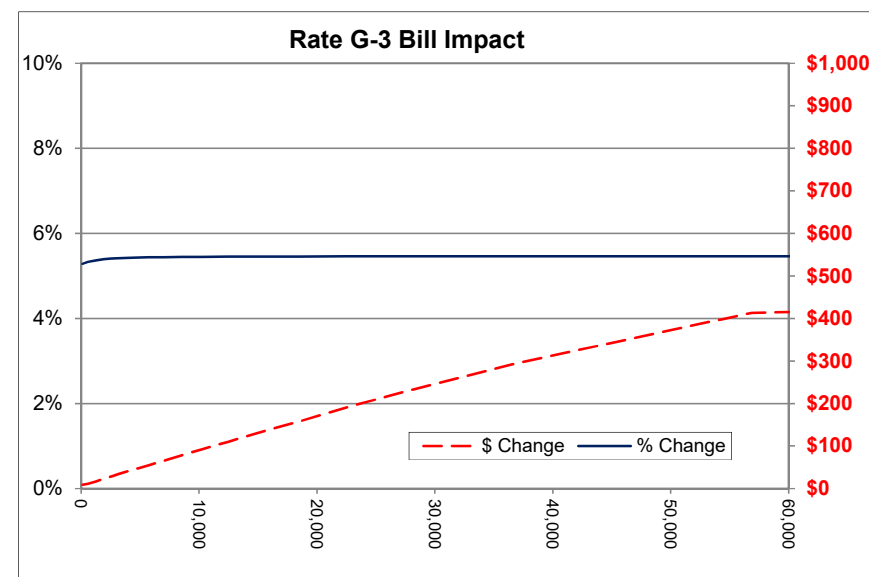
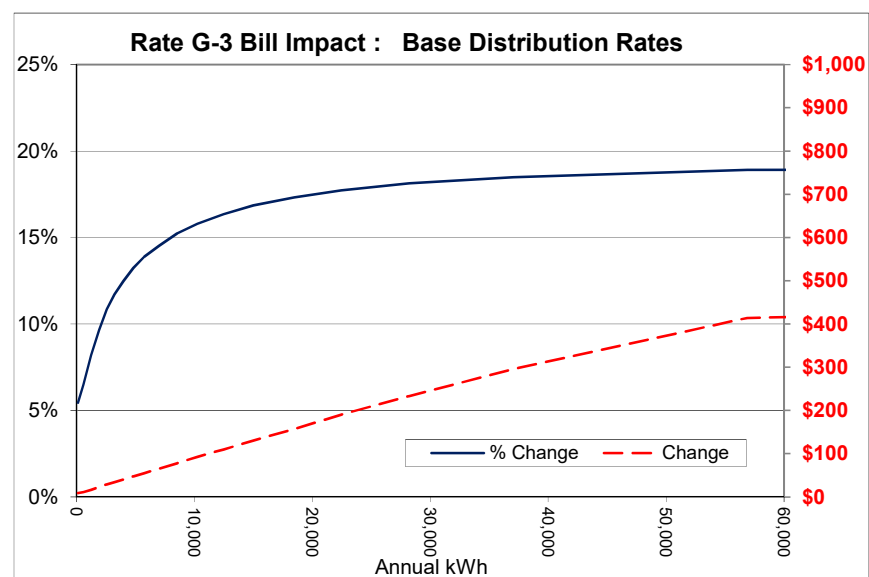
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE G-3: GENERAL SERVICE

G-3 Current Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03541
Customer charge	\$14.02
kWh Charge	\$0.04442

G-3 Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03541
Customer charge	\$14.76
kWh Charge	\$0.05333

G-3 Current Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03541
Customer charge	\$14.02
kWh Charge	\$0.04442

G-3 Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03541
Customer charge	\$14.76
kWh Charge	\$0.05333



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE G-3: GENERAL SERVICE

Line

G-3 Current Rates		G-3 Proposed Rates	
Energy Services	\$0.08299	Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03541	Other Tracking Mechanisms	\$0.03541
Customer charge	\$14.02	Customer charge	\$14.76
kWh Charge	\$0.04442	kWh Charge	\$0.05333

	Annual Use		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	120	\$167	\$176	\$9	5.5%	\$172	\$182	\$9	5.3%	182	182	3.3%	29	\$5.8636	\$6.1832
11	120	581	\$181	\$193	\$12	6.5%	\$221	\$232	\$12	5.3%	277	459	8.4%	333	\$0.5435	\$0.5788
12	581	1,235	\$207	\$224	\$17	8.2%	\$316	\$333	\$17	5.4%	278	737	13.5%	920	\$0.2248	\$0.2433
13	1,235	1,922	\$238	\$261	\$23	9.6%	\$425	\$448	\$23	5.4%	277	1014	18.6%	1,580	\$0.1506	\$0.1651
14	1,922	2,570	\$267	\$296	\$29	10.8%	\$535	\$564	\$29	5.4%	277	1291	23.7%	2,263	\$0.1180	\$0.1308
15	2,570	3,218	\$295	\$329	\$35	11.7%	\$637	\$672	\$35	5.4%	278	1569	28.8%	2,888	\$0.1021	\$0.1140
16	3,218	3,960	\$326	\$366	\$41	12.5%	\$748	\$788	\$41	5.4%	277	1846	33.9%	3,564	\$0.0913	\$0.1027
17	3,960	4,813	\$361	\$409	\$48	13.2%	\$878	\$926	\$48	5.4%	277	2123	38.9%	4,367	\$0.0826	\$0.0936
18	4,813	5,738	\$399	\$455	\$55	13.9%	\$1,019	\$1,075	\$55	5.4%	278	2401	44.0%	5,230	\$0.0764	\$0.0870
19	5,738	6,985	\$448	\$514	\$65	14.5%	\$1,196	\$1,261	\$65	5.4%	277	2678	49.1%	6,306	\$0.0711	\$0.0814
20	6,985	8,531	\$513	\$592	\$78	15.2%	\$1,436	\$1,514	\$78	5.4%	277	2955	54.2%	7,782	\$0.0660	\$0.0760
21	8,531	10,250	\$586	\$678	\$93	15.8%	\$1,696	\$1,789	\$93	5.5%	278	3233	59.3%	9,374	\$0.0625	\$0.0724
22	10,250	12,465	\$672	\$781	\$110	16.3%	\$2,012	\$2,121	\$110	5.5%	277	3510	64.4%	11,311	\$0.0594	\$0.0691
23	12,465	14,987	\$777	\$907	\$131	16.9%	\$2,399	\$2,530	\$131	5.5%	277	3787	69.5%	13,695	\$0.0567	\$0.0663
24	14,987	18,468	\$908	\$1,065	\$157	17.3%	\$2,881	\$3,039	\$157	5.5%	278	4065	74.6%	16,655	\$0.0545	\$0.0640
25	18,468	22,444	\$1,074	\$1,265	\$191	17.7%	\$3,488	\$3,679	\$191	5.5%	277	4342	79.6%	20,374	\$0.0527	\$0.0621
26	22,444	28,211	\$1,288	\$1,521	\$234	18.1%	\$4,273	\$4,507	\$234	5.5%	277	4619	84.7%	25,194	\$0.0511	\$0.0604
27	28,211	37,030	\$1,597	\$1,893	\$296	18.5%	\$5,406	\$5,701	\$296	5.5%	278	4897	89.8%	32,135	\$0.0497	\$0.0589
28	37,030	56,880	\$2,186	\$2,600	\$414	18.9%	\$7,566	\$7,980	\$414	5.5%	277	5174	94.9%	45,366	\$0.0482	\$0.0573
29	56,880	1,043,800	\$4,738	\$5,663	\$925	19.5%	\$16,918	\$17,843	\$925	5.5%	278	5452	100.0%	99,321	\$0.0477	\$0.0570

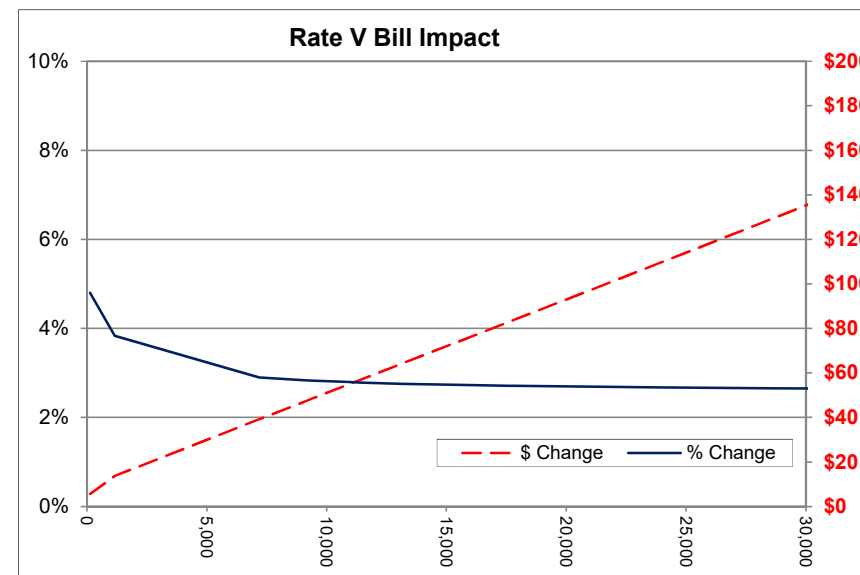
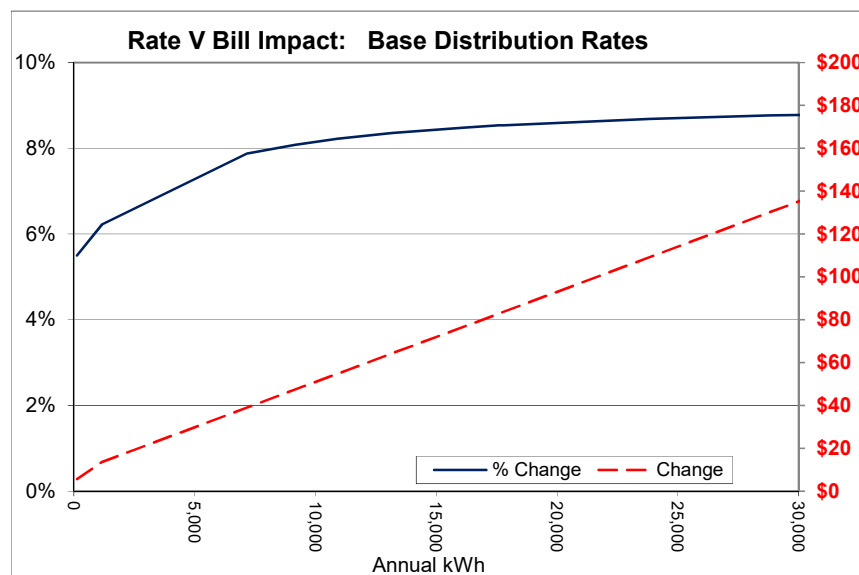
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE V: LIMITED COMMERCIAL SPACE HEATING

V Current Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.02
kWh Charge	\$0.04567

V Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.76
kWh Charge	\$0.04988

V Current Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.02
kWh Charge	\$0.04567

V Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.76
kWh Charge	\$0.04988



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE V: LIMITED COMMERCIAL SPACE HEATING

Line
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V Current Rates		V Proposed Rates	
Energy Services	\$0.08299	Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03549	Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.02	Customer charge	\$14.76
kWh Charge	\$0.04567	kWh Charge	\$0.04988

	Annual Use Range		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	128	\$104	\$109	\$6	5.5%	\$119	\$124	\$6	4.8%	1	1	6.3%	128	\$0.8087	\$0.8532
11	128	1,165	\$221	\$235	\$14	6.2%	\$359	\$373	\$14	3.8%	1	2	12.5%	1,165	\$0.1901	\$0.2019
12	1,165	7,187	\$496	\$536	\$39	7.9%	\$1,348	\$1,387	\$39	2.9%	1	3	18.8%	7,187	\$0.0691	\$0.0745
13	7,187	9,151	\$586	\$634	\$47	8.1%	\$1,670	\$1,718	\$47	2.8%	1	4	25.0%	9,151	\$0.0641	\$0.0692
14	9,151	9,440	\$601	\$650	\$49	8.1%	\$1,720	\$1,768	\$49	2.8%	1	5	31.3%	9,440	\$0.0637	\$0.0689
15	9,440	10,911	\$667	\$721	\$55	8.2%	\$1,959	\$2,014	\$55	2.8%	1	6	37.5%	10,911	\$0.0611	\$0.0661
16	10,911	11,408	\$689	\$746	\$57	8.3%	\$2,041	\$2,098	\$57	2.8%	1	7	43.8%	11,408	\$0.0604	\$0.0654
17	11,408	13,167	\$770	\$834	\$64	8.4%	\$2,330	\$2,394	\$64	2.8%	1	8	50.0%	13,167	\$0.0584	\$0.0633
18	13,167	16,199	\$908	\$985	\$77	8.5%	\$2,827	\$2,904	\$77	2.7%	1	9	56.3%	16,199	\$0.0561	\$0.0608
19	16,199	17,584	\$971	\$1,054	\$83	8.5%	\$3,055	\$3,138	\$83	2.7%	1	10	62.5%	17,584	\$0.0552	\$0.0600
20	17,584	17,799	\$981	\$1,065	\$84	8.5%	\$3,090	\$3,174	\$84	2.7%	1	11	68.8%	17,799	\$0.0551	\$0.0598
21	17,799	23,843	\$1,257	\$1,366	\$109	8.7%	\$4,082	\$4,191	\$109	2.7%	1	12	75.0%	23,843	\$0.0527	\$0.0573
22	23,843	28,803	\$1,484	\$1,614	\$130	8.8%	\$4,896	\$5,026	\$130	2.7%	1	13	81.3%	28,803	\$0.0515	\$0.0560
23	28,803	49,606	\$2,434	\$2,651	\$218	8.9%	\$8,311	\$8,529	\$218	2.6%	1	14	87.5%	49,606	\$0.0491	\$0.0535
24	49,606	50,878	\$2,492	\$2,715	\$223	9.0%	\$8,520	\$8,743	\$223	2.6%	1	15	93.8%	50,878	\$0.0490	\$0.0534
25	50,878	61,120	\$2,960	\$3,226	\$266	9.0%	\$10,201	\$10,467	\$266	2.6%	1	16	100.0%	61,120	\$0.0484	\$0.0528

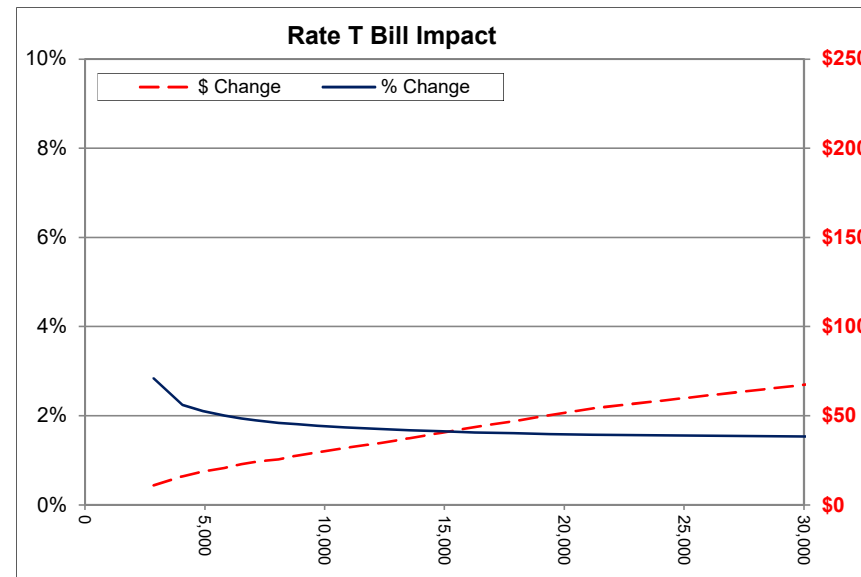
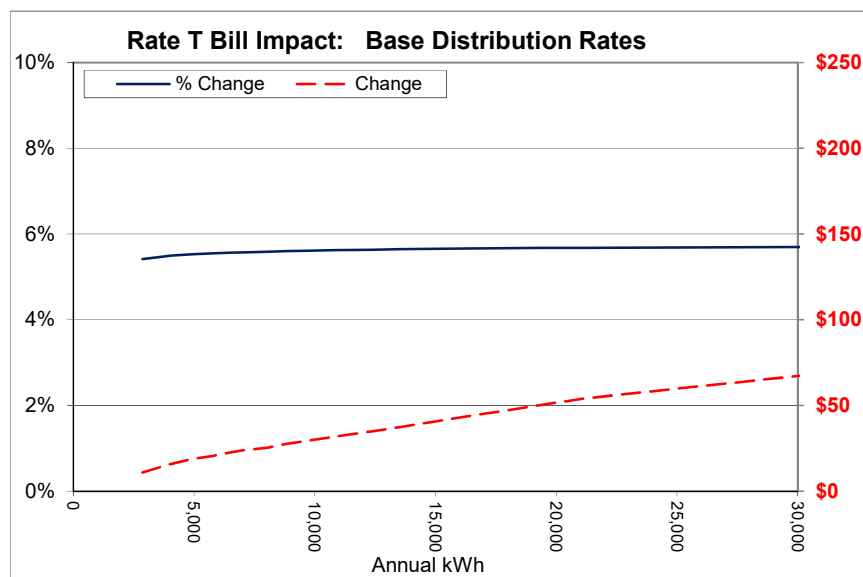
COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE T: LIMITED TOTAL ELECTRICAL LIVING

T Current Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03934
Customer charge	\$14.02
kWh Charge	\$0.03865

T Proposed Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03934
Customer charge	\$14.76
kWh Charge	\$0.04088

T Current Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03934
Customer charge	\$14.02
kWh Charge	\$0.03865

T Proposed Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03934
Customer charge	\$14.76
kWh Charge	\$0.04088



COMPARATIVE ANNUAL BILLS UNDER CURRENT AND PROPOSED RATES
RATE T: LIMITED TOTAL ELECTRICAL LIVING

Line

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T Current Rates		T Proposed Rates	
Energy Services	\$0.08299	Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03934	Other Tracking Mechanisms	\$0.03934
Customer charge	\$14.02	Customer charge	\$14.76
kWh Charge	\$0.03865	kWh Charge	\$0.04088

	Annual Use Range		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	2,864	\$203	\$214	\$11	5.4%	\$387	\$398	\$11	2.8%	40	40	4.9%	1,368	\$0.1480	\$0.1561
11	2,864	4,075	\$291	\$307	\$16	5.5%	\$715	\$731	\$16	2.2%	41	81	9.9%	3,436	\$0.0847	\$0.0893
12	4,075	4,915	\$340	\$359	\$19	5.5%	\$891	\$910	\$19	2.1%	41	122	15.0%	4,487	\$0.0757	\$0.0799
13	4,915	5,809	\$373	\$393	\$21	5.6%	\$1,029	\$1,050	\$21	2.0%	41	163	20.0%	5,347	\$0.0697	\$0.0736
14	5,809	6,514	\$409	\$432	\$23	5.6%	\$1,173	\$1,195	\$23	1.9%	41	204	25.0%	6,222	\$0.0658	\$0.0695
15	6,514	7,131	\$432	\$456	\$24	5.6%	\$1,267	\$1,291	\$24	1.9%	40	244	29.9%	6,800	\$0.0635	\$0.0671
16	7,131	8,084	\$457	\$482	\$26	5.6%	\$1,385	\$1,411	\$26	1.8%	41	285	34.9%	7,557	\$0.0604	\$0.0638
17	8,084	8,863	\$496	\$524	\$28	5.6%	\$1,534	\$1,562	\$28	1.8%	41	326	40.0%	8,467	\$0.0586	\$0.0618
18	8,863	9,703	\$526	\$555	\$30	5.6%	\$1,662	\$1,692	\$30	1.8%	41	367	45.0%	9,269	\$0.0567	\$0.0599
19	9,703	10,845	\$566	\$598	\$32	5.6%	\$1,832	\$1,864	\$32	1.7%	41	408	50.0%	10,325	\$0.0548	\$0.0579
20	10,845	12,325	\$617	\$652	\$35	5.6%	\$2,044	\$2,079	\$35	1.7%	40	448	54.9%	11,611	\$0.0532	\$0.0562
21	12,325	13,542	\$663	\$701	\$37	5.6%	\$2,238	\$2,275	\$37	1.7%	41	489	59.9%	12,829	\$0.0517	\$0.0546
22	13,542	14,873	\$716	\$756	\$40	5.7%	\$2,450	\$2,490	\$40	1.7%	41	530	65.0%	14,139	\$0.0506	\$0.0535
23	14,873	16,262	\$771	\$814	\$44	5.7%	\$2,678	\$2,722	\$44	1.6%	41	571	70.0%	15,559	\$0.0495	\$0.0523
24	16,262	17,876	\$828	\$875	\$47	5.7%	\$2,918	\$2,965	\$47	1.6%	41	612	75.0%	17,044	\$0.0486	\$0.0514
25	17,876	19,379	\$888	\$938	\$50	5.7%	\$3,172	\$3,222	\$50	1.6%	40	652	79.9%	18,634	\$0.0476	\$0.0503
26	19,379	21,158	\$953	\$1,007	\$54	5.7%	\$3,438	\$3,492	\$54	1.6%	41	693	84.9%	20,267	\$0.0470	\$0.0497
27	21,158	24,370	\$1,037	\$1,096	\$59	5.7%	\$3,785	\$3,844	\$59	1.6%	41	734	90.0%	22,390	\$0.0463	\$0.0489
28	24,370	30,990	\$1,206	\$1,275	\$69	5.7%	\$4,490	\$4,559	\$69	1.5%	41	775	95.0%	26,685	\$0.0452	\$0.0478
29	30,990	669,280	\$3,441	\$3,639	\$198	5.7%	\$13,802	\$14,000	\$198	1.4%	41	816	100.0%	69,131	\$0.0498	\$0.0526

Current Base Distribution Rates - Effective April 1, 2019

Line	Rate		Cur	Prop
1	D	Customer Charge	\$ 14.02	\$ 14.76
2		Energy Charge Charge for 1st kWh	\$ 0.04299	\$ 0.05737
3		Energy Charge Charge for kWh over 1st	\$ 0.04883	\$ 0.05737
4		Off-Peak 16 Hour Control	\$ 0.04039	\$ 0.04951
5		Farm	\$ 0.04416	\$ 0.05413
6		D-6 6 Hour control	\$ 0.04114	\$ 0.05043
7		REP / VMP	\$ -	\$ -
8		Transmission Charge	\$ 0.03460	\$ 0.03460
9		Stranded Cost Charge	\$ (0.00095)	\$ (0.00095)
10		Storm Recovery	\$ -	\$ -
11		System Benefits Charge	\$ 0.00535	\$ 0.00535
12		Electricity Consumption tax	\$ -	\$ -
13		Energy Service	\$ 0.08299	\$ 0.08299
14	D10	Customer Charge	\$ 14.02	\$ 14.76
15		On Peak Energy Charge per kWh	\$ 0.10054	\$ 0.12200
16		Off Peak Energy Charge per kWh	\$ 0.00139	\$ 0.00169
17		REP / VMP	\$ -	\$ -
18		Transmission Charge	\$ 0.03071	\$ 0.03071
19		Stranded Cost Charge	\$ (0.00101)	\$ (0.00101)
20		Storm Recovery	\$ -	\$ -
21		System Benefits Charge	\$ 0.00535	\$ 0.00535
22		Electricity Consumption tax	\$ -	\$ -
23		Energy Service	\$ 0.08299	\$ 0.08299
24	G1	Customer Charge	\$ 365.24	\$ 384.47
25		Demand Charge Change per kW	\$ 7.78	\$ 8.22
26		High Voltage Delivery Credit	\$ (0.42000)	\$ (0.44000)
27		On Peak Energy Charge per kWh	\$ 0.00501	\$ 0.00528
28		Off Peak Energy Charge per kWh	\$ 0.00150	\$ 0.00158
29		REP / VMP	\$ -	\$ -
30		Transmission Charge	\$ 0.02756	\$ 0.02756
31		Stranded Cost Charge	\$ (0.00090)	\$ (0.00090)
32		Storm Recovery	\$ -	\$ -
33		System Benefits Charge	\$ 0.00535	\$ 0.00535
34		Electricity Consumption tax	\$ -	\$ -
35		Energy Service	\$ 0.07542	\$ 0.07542
36	G2	Customer Charge	\$ 60.90	\$ 64.11
37		Demand Charge Change per kW	\$ 7.83	\$ 9.19
38		High Voltage Delivery Credit	\$ (0.42000)	\$ (0.49000)
39		Energy Charge Change per kWh	\$ 0.00196	\$ 0.00283
40		REP / VMP	\$ -	\$ -
41		Transmission Charge	\$ 0.03079	\$ 0.03079
42		Stranded Cost Charge	\$ (0.00091)	\$ (0.00091)
43		Storm Recovery	\$ -	\$ -
44		System Benefits Charge	\$ 0.00535	\$ 0.00535
45		Electricity Consumption tax	\$ -	\$ -
46		Energy Service	\$ 0.07542	\$ 0.07542
47	G3	Customer Charge	\$ 14.020	\$ 14.760
48		Energy Charge Change per kWh	\$ 0.04442	\$ 0.05333
49		REP / VMP	\$ -	\$ -
50		Transmission Charge	\$ 0.03098	\$ 0.03098
51		Stranded Cost Charge	\$ (0.00092)	\$ (0.00092)
52		Storm Recovery	\$ -	\$ -
53		System Benefits Charge	\$ 0.00535	\$ 0.00535
54		Electricity Consumption tax	\$ -	\$ -
55		Energy Service	\$ 0.08299	\$ 0.08299

Current Base Distribution Rates - Effective April 1, 2019

Line	Rate	Cur	Prop
56	M LUM HPS RWY 50W	\$ 7.36	\$ 8.41
57	LUM HPS RWY 100W	\$ 8.93	\$ 10.21
58	LUM HPS RWY 250W	\$ 15.70	\$ 17.94
59	LUM HPS RWY 400W	\$ 20.45	\$ 23.37
60	LUM HPS POST 100W	\$ 10.29	\$ 11.76
61	LUM HPS FLD 250W	\$ 15.83	\$ 18.09
62	LUM HPS FLD 400W	\$ 21.86	\$ 24.99
63	LUM INC RWY 103W	\$ 9.84	\$ 11.25
64	LUM MV RWY 100W	\$ 7.11	\$ 8.13
65	LUM MV RWY 175W	\$ 8.66	\$ 9.90
66	LUM MV RWY 400W	\$ 16.38	\$ 18.72
67	LUM MV RWY 1000W	\$ 31.08	\$ 35.52
68	LUM MV FLD 400W	\$ 18.11	\$ 20.70
69	LUM MV FLD 1000W	\$ 31.28	\$ 35.75
70	POLE – WOOD	\$ 8.68	\$ 9.92
71	POLE FIBER PT <25FT	\$ 8.99	\$ 10.28
72	POLE FIBER RWY <25FT	\$ 15.26	\$ 17.44
73	POLE FIBER RWY=>25	\$ 25.49	\$ 29.13
74	POLE METAL EMBEDDED	\$ 18.18	\$ 20.78
75	Pole Metal	\$ 21.93	\$ 25.07
76	LED 30	\$ 10.87	\$ 12.42
77	LED 50	\$ 11.32	\$ 12.94
78	LED 130	\$ 13.08	\$ 14.95
79	LED 190	\$ 17.22	\$ 19.68
80	LED 50 URD	\$ 12.44	\$ 14.22
81	LED 90 Flood	\$ 12.54	\$ 14.33
82	LED 130 Flood	\$ 13.73	\$ 15.69
83	LED 50 Barn	\$ 4.79	\$ 5.48
84	REP / VMP	\$ -	\$ -
85	T Customer Charge	\$ 14.02	\$ 14.76
86	Energy Charge Change per kWh	\$ 0.03865	\$ 0.04088
88	REP / VMP	\$ -	\$ -
89	Transmission Charge	\$ 0.03507	\$ 0.03507
90	Stranded Cost Charge	\$ (0.00108)	\$ (0.00108)
91	Storm Recovery	\$ -	\$ -
92	System Benefits Charge	\$ 0.00535	\$ 0.00535
93	Electricity Consumption tax	\$ -	\$ -
94	Energy Service	\$ 0.08299	\$ 0.08299
95	V Minimum Charge	\$ 14.02	\$ 14.76
96	Energy Charge Change per kWh	\$ 0.04567	\$ 0.04988
97	REP / VMP	\$ -	\$ -
98	Transmission Charge	\$ 0.03111	\$ 0.03111
99	Stranded Cost Charge	\$ (0.00097)	\$ (0.00097)
100	Storm Recovery	\$ -	\$ -
101	System Benefits Charge	\$ 0.00535	\$ 0.00535
102	Electricity Consumption tax	\$ -	\$ -
103	Energy Service	\$ 0.08299	\$ 0.08299

Note:

Rates in addition to Current Base Distribution Rates included in this Attachment are used in Bill Impact Analyses

Line		DOMESTIC SERVICE RATE D	DOMESTIC SERVICE Opt Peak Load Pricing RATE D-10	GENERAL SERVICE TIME-OF-USE RATE G-1	GENERAL LONG HOUR SERVICE RATE G-2	GENERAL SERVICE RATE G-3	OUTDOOR LIGHTING SERVICE RATE M	LIMITED TOTAL ELECTRICAL LIVING RATE T	LIMITED COMMERCIAL SPACE HEATING RATE V	Company Total
	(X)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
1	A. Proforma Normalized Revenues at Proposed Permanent Rates									
2										
3	Company Total Distribution Base Revenues									
4	Distribution Revenues: Customer Charge Related	\$ 6,266,800	\$ 77,894	\$ 637,605	\$ 697,623	\$ 1,004,275	\$ -	\$ 170,707	\$ 3,116	\$ 8,858,019
5	Revenues: Demand Charge Related	\$ -	\$ -	\$ 7,606,474	\$ 4,692,464	\$ -	\$ -	\$ -	\$ -	\$ 12,298,938
6	Revenues: Energy Charge Related	\$ 15,979,138	\$ 254,656	\$ 1,215,824	\$ 418,821	\$ 4,698,123	\$ -	\$ 627,593	\$ 16,380	\$ 23,210,534
7	Revenues: Misc Charges and Credits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Outdoor Light Fixtures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,074,460	\$ -	\$ -	\$ 1,074,460
9	Company Total Base Revenues	\$ 22,245,939	\$ 332,550	\$ 9,459,904	\$ 5,808,907	\$ 5,702,397	\$ 1,074,460	\$ 798,299	\$ 19,496	\$ 45,441,952
10	B. Billing Determinants									
11	Customer Bill Count									
12	Customers (Bills)	424,580	5,277	1,658	10,882	68,040	0	11,565	211	522,214
13	Energy Consumption (KWh)									
14	Distribution Quantity	0	0	0	147,993,116	88,095,304	4,156,597	15,352,073	328,389	255,925,479
15	Distribution Quantity Block 1	95,969,225	0	0	0	0	0	0	0	95,969,225
16	Distribution Quantity Block 2	180,071,056	0	0	0	0	0	0	0	180,071,056
17	Distribution Quantity On Peak	0	2,037,588	166,678,890	0	0	0	0	0	168,716,478
18	Distribution Quantity Off Peak	0	3,591,661	212,506,102	0	0	0	0	0	216,097,763
19	Distribution Farm	894,780	0	0	0	0	0	0	0	894,780
20	Distribution Quantity 6 hour control	769,373	0	0	0	0	0	0	0	769,373
21	Distribution Quantity 16 hour control	1,120,448	0	0	0	0	0	0	0	1,120,448
22	TOTAL Distribution Consumption (KWh)	278,824,882	5,629,249	379,184,992	147,993,116	88,095,304	4,156,597	15,352,073	328,389	919,564,602
23	Demand (kW)									
24	Billing Demand	0	0	951,328	510,109	0	0	0	0	1,461,437
25	Distribution Demand Optional Billing (\$)	\$ -	\$ -	\$ 144,424	\$ 30,771	\$ -	\$ -	\$ -	\$ -	\$ 175,195
26	High Voltage Delivery (kW)	0	0	354,348	1,949	0	0	0	0	356,297
27	High Voltage Metering Adjustment (\$)	\$ -	\$ -	\$ 8,641,165	\$ 64,155	\$ -	\$ -	\$ -	\$ -	\$ 8,705,320
28	C. CLASS REVENUE TARGETS									
29	Delivery Revenue Requirement									
30	Revenue Deficiency - Step Adjustment									2,293,431
31	Total Revenue Requirement									47,735,383
32	% Increase (Revenue Requirement - Normalized revenues)									5.05%
33		5.05%	5.05%	5.05%	5.05%	5.05%	5.05%	5.05%	5.05%	5.05%
34	FINAL BASE REVENUE TARGET	\$23,368,679	\$349,334	\$9,937,340	\$6,102,079	\$5,990,194	\$1,128,688	\$838,589	\$20,480	\$47,735,383
35	D. RATE DESIGN									
36	Current Customer charge	\$14.76	\$14.76	\$384.47	\$64.11	\$14.76		\$14.76	\$14.76	
37	Proposed Customer Charge	\$15.50	\$15.50	\$403.87	\$67.35	\$15.50		\$15.50	\$15.50	
38	Customer Charge Revenue, Proposed Customer Charge									
39	Customer Revenues	\$6,580,990	\$81,800	\$669,778	\$732,879	\$1,054,625		\$179,265	\$3,272	\$9,302,608
40	Demand-Related Charges									
41	Current Demand Charge	\$0.00	\$0.00	\$8.22	\$9.19	\$0.00		\$0.00	\$0.00	
42	Current High Voltage Delivery Credit	\$0.00	\$0.00	-\$0.44	-\$0.49	\$0.00		\$0.00	\$0.00	
43	Optional Demand Surcharge (\$)			0.20	0.20					
44	High Voltage Metering Adjustment (% x Applicable Charges)			-1.00%	-1.00%					
45	Demand-Related Billing Units									
46	Billing Demand (kW)	0	0	951,328	510,109	0		0	0	1,461,437
47	High Voltage Delivery Units	0	0	354,348	1,949	0		0	0	356,297
48	Optional Demand Surcharge (\$)	\$0	\$0	\$144,424	\$30,771	\$0		\$0	\$0	
49	High Voltage Metering Adjustment (\$)	\$0	\$0	\$8,641,165	\$64,155	\$0		\$0	\$0	

Line		DOMESTIC SERVICE RATE D	DOMESTIC SERVICE Opt Peak Load Pricing RATE D-10	GENERAL SERVICE TIME-OF-USE RATE G-1	GENERAL LONG HOUR SERVICE RATE G-2	GENERAL SERVICE RATE G-3	OUTDOOR LIGHTING SERVICE RATE M	LIMITED TOTAL ELECTRICAL LIVING RATE T	LIMITED COMMERCIAL SPACE HEATING RATE V	Company Total
	(X)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
50	Proposed Demand-Related Charges									
51	Rate Class Increase	5.05%	5.05%	5.05%	5.05%	5.05%	5.05%	5.05%	5.05%	
52	Calculation of Demand-related charges									
53	Proposed Demand Charge	\$0.00	\$0.00	\$8.63	\$9.65	\$0.00		\$0.00	\$0.00	
54	Proposed High Voltage Delivery Credit	\$0.00	\$0.00	-\$0.46	-\$0.51	\$0.00		\$0.00	\$0.00	
55	Optional Demand Surcharge (\$)			0.20	0.20					
56	High Voltage Metering Adjustment (% x Applicable Charges)			-1.00%	-1.00%					
57										
58	Demand Revenues at Proposed Rates	\$0	\$0	\$7,989,432	\$4,927,075	\$0	\$0	\$0	\$0	\$12,916,507
59	Remaining Revenues	\$16,787,690	\$267,534	\$1,278,130	\$442,125	\$4,935,570	\$1,128,688	\$659,324	\$17,208	\$25,516,268
60	Energy-related Revenue Target	\$16,787,690	\$267,534	\$1,278,130	\$442,125	\$4,935,570		\$659,324	\$17,208	\$24,387,581
		5.06%	5.06%	5.12%	5.56%	5.05%		5.06%	5.05%	5.07%
61	Current Energy-Related Charges kWh									
62	Current Distribution Quantity \$/kWh				\$0.00283	\$0.05333		\$0.04088	\$0.04988	
63	Current Distribution Quantity Block 1 \$/kWh	\$0.05737								
64	Current Distribution Quantity Block 2 \$/kWh	\$0.05737								
65	Current Distribution Quantity On Peak \$/kWh		\$0.12200	\$0.00528						
66	Current Distribution Quantity Off Peak \$/kWh		\$0.00169	\$0.00158						
67	Current Distribution Farm \$/kWh	\$0.05413								
68	Current Distribution Quantity 6 hour control \$/kWh	\$0.05043								
69	Current Distribution Quantity 16 hour control \$/kWh	\$0.04951								
70	Distribution Energy-Related Billing Units									
71	Distribution Quantity	0	0	0	147,993,116	88,095,304	4,156,597	15,352,073	328,389	255,925,479
72	Distribution Quantity Block 1	95,969,225	0	0	0	0	0	0	0	95,969,225
73	Distribution Quantity Block 2	180,071,056	0	0	0	0	0	0	0	180,071,056
74	Distribution Quantity On Peak	0	2,037,588	166,678,890	0	0	0	0	0	168,716,478
75	Distribution Quantity Off Peak	0	3,591,661	212,506,102	0	0	0	0	0	216,097,763
76	Distribution Farm	894,780	0	0	0	0	0	0	0	894,780
77	Distribution Quantity 6 hour control	769,373	0	0	0	0	0	0	0	769,373
78	Distribution Quantity 16 hour control	1,120,448	0	0	0	0	0	0	0	1,120,448
79	Proposed Energy-Related Charges									
80	Revenues at Current rates	\$15,979,138	\$254,656	\$1,215,824	\$418,821	\$4,698,123	\$0	\$627,593	\$16,380	\$23,210,534
81	Remaining Energy-related revenue target	\$16,787,690	\$267,534	\$1,278,130	\$442,125	\$4,935,570	\$0	\$659,324	\$17,208	\$24,387,581
82	% increase in Energy-Related Rates	5.06%	5.06%	5.12%	5.56%	5.05%	0.00%	5.06%	5.05%	
		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
83	Proposed Energy-Related Charges kWh									
84	Proposed Distribution Quantity \$/kWh				\$0.00299	\$0.05603		\$0.04295	\$0.05240	
85	Proposed Distribution Quantity Block 1 \$/kWh	\$0.06027								
86	Proposed Distribution Quantity Block 2 \$/kWh	\$0.06027								
87	Proposed Distribution Quantity On Peak \$/kWh		\$0.12817	\$0.00555						
88	Proposed Distribution Quantity Off Peak \$/kWh		\$0.00178	\$0.00166						
89	Proposed Distribution Farm \$/kWh	\$0.05687								
90	Proposed Distribution Quantity 6 hour control \$/kWh	\$0.05298								
91	Proposed Distribution Quantity 16 hour control \$/kWh	\$0.05202								
92	Base Rates Revenue Proof									
93	Proposed Customer Charge Revenues									
94	Total Customer Charge Revenues	\$6,580,990	\$81,800	\$669,778	\$732,879	\$1,054,625	\$0	\$179,265	\$3,272	\$9,302,608
95	Proposed Demand-Related Revenues									
96	Demand Charge	\$0	\$0	\$8,209,959	\$4,922,557	\$0	\$0	\$0	\$0	\$13,132,515

Line		DOMESTIC SERVICE RATE D	DOMESTIC SERVICE Opt Peak Load Pricing RATE D-10	GENERAL SERVICE TIME-OF-USE RATE G-1	GENERAL LONG HOUR SERVICE RATE G-2	GENERAL SERVICE RATE G-3	OUTDOOR LIGHTING SERVICE RATE M	LIMITED TOTAL ELECTRICAL LIVING RATE T	LIMITED COMMERCIAL SPACE HEATING RATE V	Company Total
	(X)	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
97	High Voltage Delivery Credit	\$0	\$0	-\$163,000	-\$994	\$0	\$0	\$0	\$0	-\$163,994
98	Optional Demand Surcharge (\$)	\$0	\$0	\$28,885	\$6,154	\$0	\$0	\$0	\$0	\$35,039
99	High Voltage Metering Adjustment (\$)	\$0	\$0	-\$86,412	-\$642	\$0	\$0	\$0	\$0	-\$87,053
100	Total Demand-Related Revenues	\$0	\$0	\$7,989,432	\$4,927,075	\$0	\$0	\$0	\$0	\$12,916,507
101	Proposed Energy-Related Revenues									
102	Proposed Distribution Quantity \$/kWh	\$0	\$0	\$0	\$442,499	\$4,935,980	\$0	\$659,372	\$17,208	\$6,055,058
103	Proposed Distribution Quantity Block 1 \$/kWh	\$5,784,065	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,784,065
104	Proposed Distribution Quantity Block 2 \$/kWh	\$10,852,883	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,852,883
103	Proposed Distribution Quantity On Peak \$/kWh	\$0	\$261,158	\$925,068	\$0	\$0	\$0	\$0	\$0	\$1,186,225
105	Proposed Distribution Quantity Off Peak \$/kWh	\$0	\$6,393	\$352,760	\$0	\$0	\$0	\$0	\$0	\$359,153
106	Proposed Distribution Farm \$/kWh	\$50,886	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,886
107	Proposed Distribution Quantity 6 hour control \$/kWh	\$40,761	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,761
108	Proposed Distribution Quantity 16 hour control \$/kWh	\$58,286	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$58,286
109	Total Energy-Related Revenues	\$16,786,881	\$267,551	\$1,277,828	\$442,499	\$4,935,980	\$0	\$659,372	\$17,208	\$24,387,318
110	Proposed Outdoor Lighting Revenues						\$1,128,664			\$1,128,664
111										
112	Total Proposed Revenues	\$23,367,871	\$349,350	\$9,937,038	\$6,102,454	\$5,990,604	\$1,128,664	\$838,637	\$20,480	\$47,735,097
113		-\$809	\$17	-\$302	\$374	\$410	-\$24	\$48	\$0	-\$286

Revenues at Proposed Permanent Rates \$1,074,460
Proposed Rate M revenue target with Step Adj \$1,128,688

5.05% Proposed % increase in Rate M Fixtures

Line	Rate M Fixtures	Test Year 12 months Fixtures	Proposed Permanent Rates (Annual)	Proposed Permanent Rates (Monthly)	Proforma Test Year Revenues at Current Rates	Proposed Step Adj Rates (Annual)	Proposed Step Adj Rates (Monthly)	Revenues at Proposed Rates	Annual Increase per fixture	% Increase
1	Sodium Vapor 4,000	29,246	\$100.92	\$8.41	\$245,956	\$106.01	\$8.83	\$258,240	\$5.09	5.0%
2	Sodium Vapor 4,000 Part Night	12	\$100.92	\$8.41	\$101	\$106.01	\$8.83	\$106	\$5.09	5.0%
3	Sodium Vapor 9,600	21,783	\$122.52	\$10.21	\$222,400	\$128.70	\$10.73	\$233,727	\$6.18	5.0%
4	Sodium Vapor 27,500	6,092	\$215.28	\$17.94	\$109,297	\$226.15	\$18.85	\$114,841	\$10.87	5.0%
5	Sodium Vapor 50,000	1,430	\$280.44	\$23.37	\$33,429	\$294.59	\$24.55	\$35,117	\$14.15	5.0%
6	Sodium Vapor 9,600 (Post Top)	4,848	\$141.12	\$11.76	\$57,018	\$148.24	\$12.35	\$59,879	\$7.12	5.0%
7	Sodium Vapor 27500 (Flood)	3,083	\$217.08	\$18.09	\$55,764	\$228.04	\$19.00	\$58,569	\$10.96	5.0%
8	Sodium Vapor 50,000 (Flood)	5,044	\$299.88	\$24.99	\$126,056	\$315.01	\$26.25	\$132,412	\$15.13	5.0%
9	Incandescent 1,000	276	\$135.00	\$11.25	\$3,105	\$141.81	\$11.82	\$3,262	\$6.81	5.0%
10	Mercury Vapor 4,000	808	\$97.56	\$8.13	\$6,569	\$102.48	\$8.54	\$6,900	\$4.92	5.0%
11	Mercury Vapor 8,000	1,575	\$118.80	\$9.90	\$15,594	\$124.80	\$10.40	\$16,381	\$6.00	5.1%
12	Mercury Vapor 22,000	601	\$224.64	\$18.72	\$11,251	\$235.98	\$19.67	\$11,822	\$11.34	5.0%
13	Mercury Vapor 63,000	12	\$426.24	\$35.52	\$426	\$447.75	\$37.31	\$448	\$21.51	5.0%
14	Mercury Vapor 22,000 (Flood)	248	\$248.40	\$20.70	\$5,124	\$260.94	\$21.75	\$5,384	\$12.54	5.0%
15	Mercury Vapor 63,000 (Flood)	0	\$429.00	\$35.75	\$0	\$450.65	\$37.55	\$0	\$21.65	5.0%
16	Wood Poles	1,391	\$119.04	\$9.92	\$13,796	\$125.05	\$10.42	\$14,491	\$6.01	5.0%
17	Fiberglass Direct Embedded	2,940	\$123.36	\$10.28	\$30,223	\$129.59	\$10.80	\$31,752	\$6.23	5.1%
18	Fiberglass With Foundation < 25 Ft.	1,742	\$209.28	\$17.44	\$30,375	\$219.84	\$18.32	\$31,908	\$10.56	5.0%
19	Fiberglass with Foundation >= 25 ft.	48	\$349.56	\$29.13	\$1,398	\$367.20	\$30.60	\$1,469	\$17.64	5.0%
20	Metal Poles Direct Embedded	1,944	\$249.36	\$20.78	\$40,396	\$261.95	\$21.83	\$42,438	\$12.59	5.0%
21	Metal Poles with Foundation	1,188	\$300.84	\$25.07	\$29,783	\$316.02	\$26.34	\$31,292	\$15.18	5.0%
22	LED 3000 Full-Night Service	173	\$149.04	\$12.42	\$2,149	\$156.56	\$13.05	\$2,258	\$7.52	5.0%
23	LED 5000 Full-Night Service	779	\$155.28	\$12.94	\$10,080	\$163.12	\$13.59	\$10,586	\$7.84	5.0%
24	LED 16000 Full-Night Service	1,363	\$179.40	\$14.95	\$20,374	\$188.45	\$15.70	\$21,396	\$9.05	5.0%
25	LED 21000 Full-Night Service	43	\$236.16	\$19.68	\$846	\$248.08	\$20.67	\$889	\$11.92	5.0%
26	LED 5000 Underground Res Full-Nigh	156	\$170.64	\$14.22	\$2,218	\$179.25	\$14.94	\$2,331	\$8.61	5.0%
27	LED 9400 Flood Full-Night Service	17	\$171.96	\$14.33	\$242	\$180.64	\$15.05	\$254	\$8.68	5.0%
28	LED 14600 Flood Full-Night Service	30	\$188.28	\$15.69	\$477	\$197.78	\$16.48	\$501	\$9.50	5.0%
29	LED 4800 Barn Part-Night Service	2	\$65.76	\$5.48	\$12	\$69.08	\$5.76	\$13	\$3.32	5.0%
30	Total				\$1,074,460			\$1,128,664		

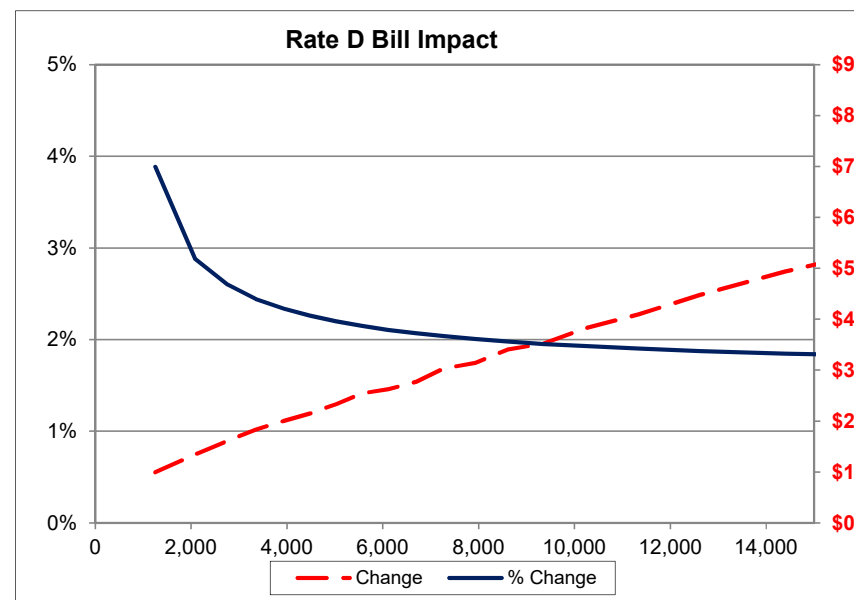
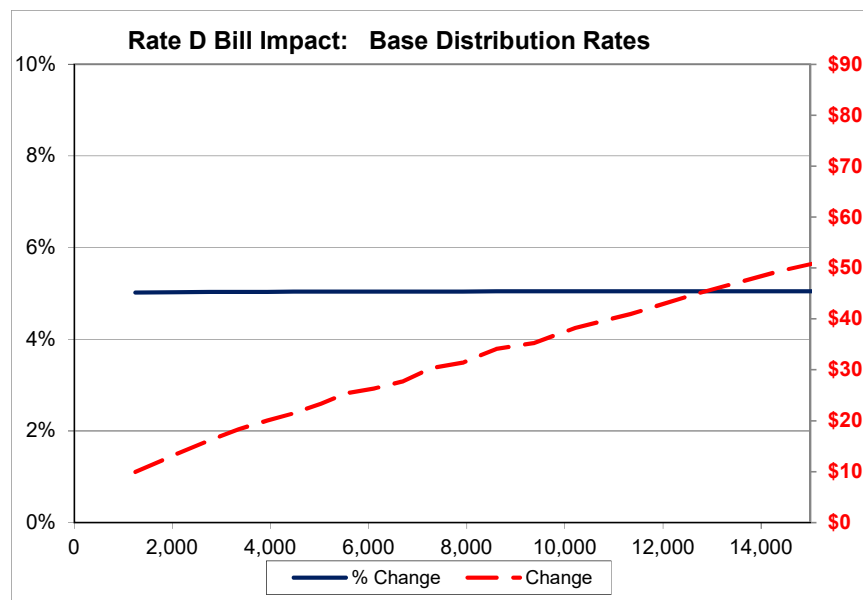
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE

D Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027

D Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE

Line

1	D Proposed Permanent Rates	D Proposed Step Adj. Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.76	Customer charge \$15.50
6		
7		
8	First 250 kWh \$0.05737	First 250 kWh \$0.06027
9	Excess 250 kWh \$0.05737	Excess 250 kWh \$0.06027

	Annual Use Range (kWh)		Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
10	0	1,248	\$198.32	\$208.27	\$9.95	5.0%	\$256.19	\$266.14	\$9.95	3.9%	1,733	1,733	5.0%
11	1,260	2,076	\$267.26	\$280.69	\$13.44	5.0%	\$465.77	\$479.21	\$13.44	2.9%	1,748	3,481	10.0%
12	2,088	2,760	\$320.87	\$337.02	\$16.15	5.0%	\$620.61	\$636.75	\$16.15	2.6%	1,728	5,209	15.0%
13	2,772	3,348	\$364.41	\$382.75	\$18.34	5.0%	\$750.76	\$769.11	\$18.34	2.4%	1,741	6,950	20.0%
14	3,360	3,936	\$398.41	\$418.47	\$20.06	5.0%	\$858.08	\$878.14	\$20.06	2.3%	1,710	8,660	25.0%
15	3,948	4,476	\$426.35	\$447.82	\$21.48	5.0%	\$949.97	\$971.44	\$21.48	2.3%	1,740	10,400	30.0%
16	4,488	5,028	\$463.26	\$486.60	\$23.34	5.0%	\$1,061.28	\$1,084.62	\$23.34	2.2%	1,726	12,126	35.0%
17	5,040	5,556	\$505.20	\$530.66	\$25.46	5.0%	\$1,184.44	\$1,209.90	\$25.46	2.1%	1,732	13,858	39.9%
18	5,568	6,108	\$521.53	\$547.82	\$26.29	5.0%	\$1,248.05	\$1,274.34	\$26.29	2.1%	1,749	15,607	45.0%
19	6,120	6,684	\$549.87	\$577.59	\$27.72	5.0%	\$1,339.80	\$1,367.52	\$27.72	2.1%	1,754	17,361	50.0%
20	6,696	7,272	\$602.18	\$632.54	\$30.36	5.0%	\$1,490.40	\$1,520.76	\$30.36	2.0%	1,719	19,080	55.0%
21	7,284	7,920	\$623.14	\$654.57	\$31.42	5.0%	\$1,565.63	\$1,597.06	\$31.42	2.0%	1,736	20,816	60.0%
22	7,932	8,604	\$675.72	\$709.80	\$34.08	5.0%	\$1,721.33	\$1,755.41	\$34.08	2.0%	1,731	22,547	65.0%
23	8,616	9,360	\$699.00	\$734.26	\$35.26	5.0%	\$1,805.89	\$1,841.15	\$35.26	2.0%	1,746	24,293	70.0%
24	9,372	10,212	\$757.69	\$795.92	\$38.23	5.0%	\$1,981.74	\$2,019.97	\$38.23	1.9%	1,729	26,022	75.0%
25	10,224	11,340	\$811.95	\$852.92	\$40.97	5.0%	\$2,153.38	\$2,194.35	\$40.97	1.9%	1,740	27,762	80.0%
26	11,352	12,624	\$887.14	\$931.91	\$44.77	5.0%	\$2,387.25	\$2,432.02	\$44.77	1.9%	1,734	29,496	85.0%
27	12,636	14,400	\$979.01	\$1,028.42	\$49.41	5.0%	\$2,674.25	\$2,723.66	\$49.41	1.8%	1,726	31,222	90.0%
28	14,412	17,580	\$1,116.00	\$1,172.34	\$56.34	5.0%	\$3,104.09	\$3,160.43	\$56.34	1.8%	1,738	32,960	95.0%
29	17,592	131,676	\$1,543.81	\$1,621.77	\$77.96	5.1%	\$4,443.22	\$4,521.19	\$77.96	1.8%	1,734	34,694	100.0%

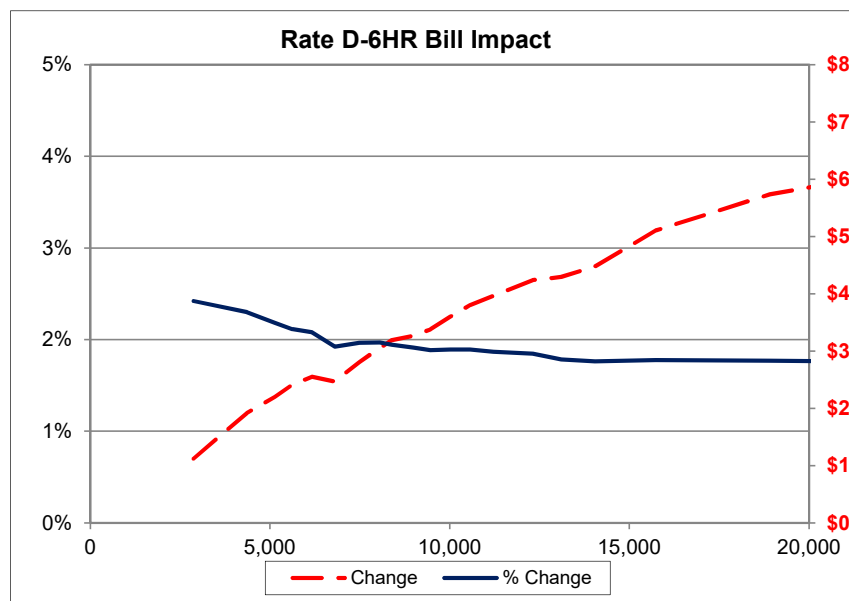
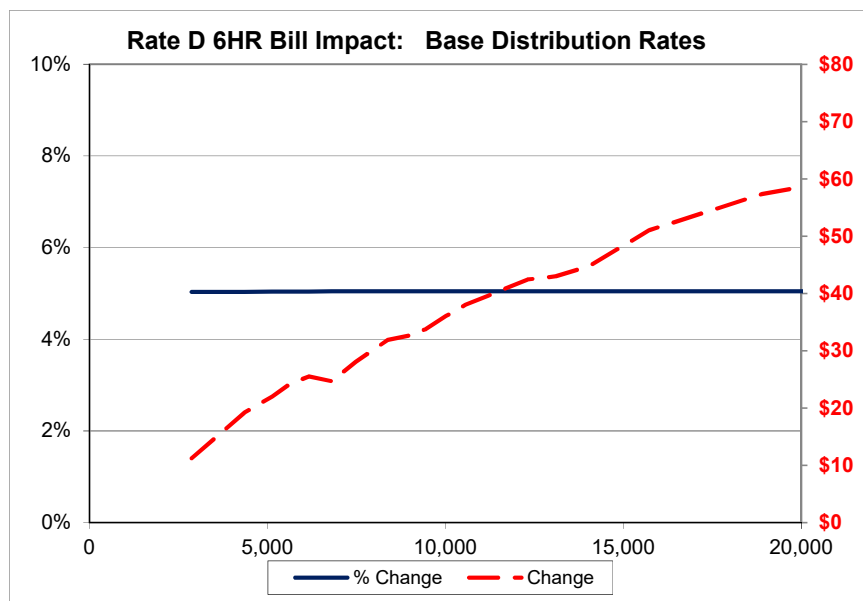
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 6 Hour Control

D Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.05043
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
Off Peak Use	\$0.05298
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027

D Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.05043
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
Off Peak Use	\$0.05298
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 6 Hour Control

Line

1	D Proposed Permanent Rates	D Proposed Step Adj. Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.76	Customer charge \$15.50
6		
7	Off Peak Use \$0.05043	Off Peak Use \$0.05298
8	First 250 kWh \$0.05737	First 250 kWh \$0.06027
9	Excess 250 kWh \$0.05737	Excess 250 kWh \$0.06027

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
			Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
	Low	High											
10	0	2,869	\$223.08	\$234.31	\$11.23	5.0%	\$463.70	\$474.93	\$11.23	2.4%	12	12	4.6%
11	2,869	4,355	\$381.89	\$401.12	\$19.23	5.0%	\$836.01	\$855.25	\$19.23	2.3%	13	25	9.5%
12	4,355	5,131	\$436.30	\$458.28	\$21.98	5.0%	\$1,006.46	\$1,028.44	\$21.98	2.2%	13	38	14.5%
13	5,131	5,614	\$479.05	\$503.20	\$24.14	5.0%	\$1,142.17	\$1,166.32	\$24.14	2.1%	13	51	19.5%
14	5,614	6,162	\$506.44	\$531.97	\$25.53	5.0%	\$1,228.04	\$1,253.57	\$25.53	2.1%	13	64	24.4%
15	6,162	6,802	\$489.74	\$514.44	\$24.70	5.0%	\$1,284.88	\$1,309.59	\$24.70	1.9%	13	77	29.4%
16	6,802	7,480	\$557.39	\$585.50	\$28.11	5.0%	\$1,430.08	\$1,458.19	\$28.11	2.0%	14	91	34.7%
17	7,480	8,054	\$605.68	\$636.22	\$30.55	5.0%	\$1,550.37	\$1,580.91	\$30.55	2.0%	13	104	39.7%
18	8,054	8,377	\$632.16	\$664.05	\$31.88	5.0%	\$1,638.95	\$1,670.83	\$31.88	1.9%	13	117	44.7%
19	8,377	8,985	\$647.79	\$680.47	\$32.68	5.0%	\$1,707.84	\$1,740.52	\$32.68	1.9%	13	130	49.6%
20	8,985	9,454	\$670.06	\$703.87	\$33.81	5.0%	\$1,795.23	\$1,829.04	\$33.81	1.9%	13	143	54.6%
21	9,454	10,019	\$714.51	\$750.56	\$36.05	5.0%	\$1,905.77	\$1,941.82	\$36.05	1.9%	13	156	59.5%
22	10,019	10,566	\$753.76	\$791.79	\$38.03	5.0%	\$2,010.85	\$2,048.88	\$38.03	1.9%	13	169	64.5%
23	10,566	11,214	\$786.15	\$825.82	\$39.67	5.0%	\$2,125.27	\$2,164.94	\$39.67	1.9%	14	183	69.8%
24	11,214	12,308	\$840.52	\$882.94	\$42.42	5.0%	\$2,297.19	\$2,339.60	\$42.42	1.8%	13	196	74.8%
25	12,308	13,102	\$851.28	\$894.25	\$42.97	5.0%	\$2,410.97	\$2,453.94	\$42.97	1.8%	13	209	79.8%
26	13,102	14,045	\$887.00	\$931.78	\$44.78	5.0%	\$2,541.80	\$2,586.58	\$44.78	1.8%	13	222	84.7%
27	14,045	15,727	\$1,010.80	\$1,061.83	\$51.03	5.0%	\$2,869.95	\$2,920.99	\$51.03	1.8%	13	235	89.7%
28	15,727	18,902	\$1,136.12	\$1,193.48	\$57.36	5.0%	\$3,238.65	\$3,296.01	\$57.36	1.8%	13	248	94.7%
29	18,902	34,757	\$1,483.47	\$1,558.40	\$74.92	5.1%	\$4,370.17	\$4,445.09	\$74.92	1.7%	14	262	100.0%

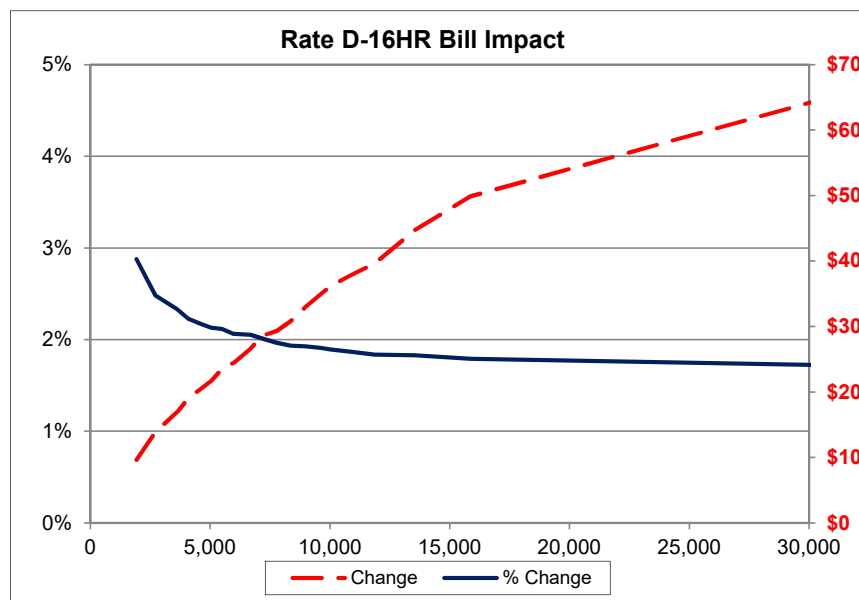
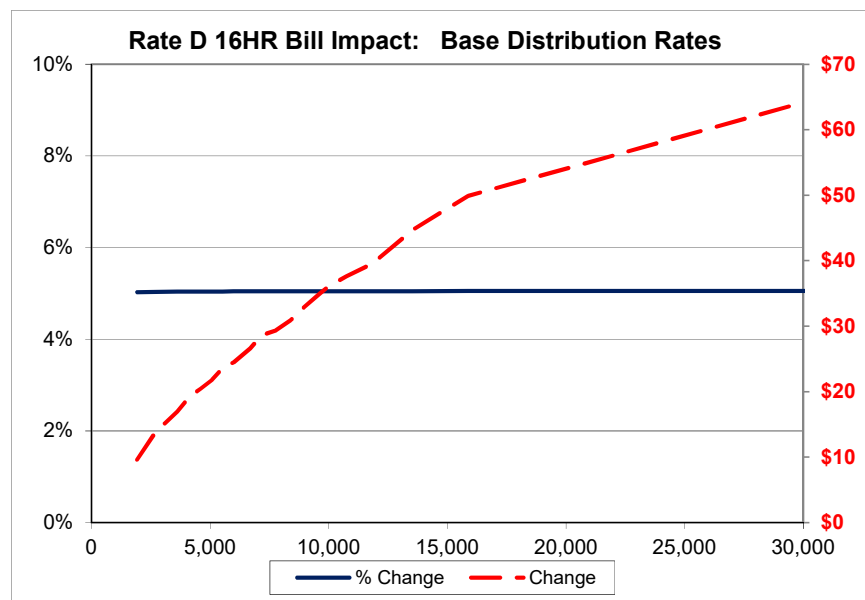
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 16 Hour Control

D Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.04951
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
Off Peak Use	\$0.05202
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027

D Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Off Peak Use	\$0.04951
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
Off Peak Use	\$0.05202
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE - Off Peak Use, 16 Hour Control

Line

1	D Proposed Permanent Rates	D Proposed Step Adj. Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.76	Customer charge \$15.50
6		
7	Off Peak Use \$0.04951	Off Peak Use \$0.05202
8	First 250 kWh \$0.05737	First 250 kWh \$0.06027
9	Excess 250 kWh \$0.05737	Excess 250 kWh \$0.06027

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
10	0	1,921	\$191.36	\$200.99	\$9.62	5.0%	\$334.36	\$343.99	\$9.62	2.9%	22	22	4.7%
11	1,921	2,715	\$275.71	\$289.59	\$13.88	5.0%	\$559.22	\$573.10	\$13.88	2.5%	23	45	9.6%
12	2,715	3,614	\$336.90	\$353.87	\$16.97	5.0%	\$727.70	\$744.67	\$16.97	2.3%	24	69	14.7%
13	3,614	4,072	\$377.19	\$396.19	\$19.01	5.0%	\$852.52	\$871.53	\$19.01	2.2%	23	92	19.7%
14	4,072	4,600	\$405.98	\$426.45	\$20.47	5.0%	\$940.39	\$960.85	\$20.47	2.2%	24	116	24.8%
15	4,600	5,067	\$432.48	\$454.28	\$21.80	5.0%	\$1,024.37	\$1,046.17	\$21.80	2.1%	23	139	29.7%
16	5,067	5,512	\$468.05	\$491.65	\$23.60	5.0%	\$1,116.35	\$1,139.95	\$23.60	2.1%	24	163	34.8%
17	5,512	5,988	\$485.32	\$509.79	\$24.48	5.0%	\$1,185.66	\$1,210.13	\$24.48	2.1%	23	186	39.7%
18	5,988	6,685	\$528.23	\$554.87	\$26.64	5.0%	\$1,298.97	\$1,325.61	\$26.64	2.1%	24	210	44.9%
19	6,685	7,185	\$567.73	\$596.36	\$28.64	5.0%	\$1,425.18	\$1,453.81	\$28.64	2.0%	23	233	49.8%
20	7,185	7,770	\$581.52	\$610.86	\$29.34	5.0%	\$1,494.07	\$1,523.41	\$29.34	2.0%	23	256	54.7%
21	7,770	8,358	\$610.79	\$641.62	\$30.82	5.0%	\$1,592.88	\$1,623.70	\$30.82	1.9%	24	280	59.8%
22	8,358	8,965	\$652.81	\$685.75	\$32.94	5.0%	\$1,710.64	\$1,743.58	\$32.94	1.9%	23	303	64.7%
23	8,965	9,621	\$693.04	\$728.02	\$34.98	5.0%	\$1,833.43	\$1,868.41	\$34.98	1.9%	24	327	69.9%
24	9,621	10,026	\$716.34	\$752.50	\$36.16	5.0%	\$1,913.11	\$1,949.27	\$36.16	1.9%	23	350	74.8%
25	10,026	10,750	\$745.49	\$783.13	\$37.63	5.0%	\$2,012.13	\$2,049.77	\$37.63	1.9%	24	374	79.9%
26	10,750	11,866	\$784.84	\$824.47	\$39.63	5.0%	\$2,156.73	\$2,196.36	\$39.63	1.8%	23	397	84.8%
27	11,866	13,530	\$885.41	\$930.11	\$44.71	5.0%	\$2,444.57	\$2,489.28	\$44.71	1.8%	24	421	90.0%
28	13,530	15,874	\$987.90	\$1,037.80	\$49.90	5.1%	\$2,786.64	\$2,836.54	\$49.90	1.8%	23	444	94.9%
29	15,874	30,062	\$1,271.21	\$1,335.45	\$64.24	5.1%	\$3,722.66	\$3,786.90	\$64.24	1.7%	24	468	100.0%

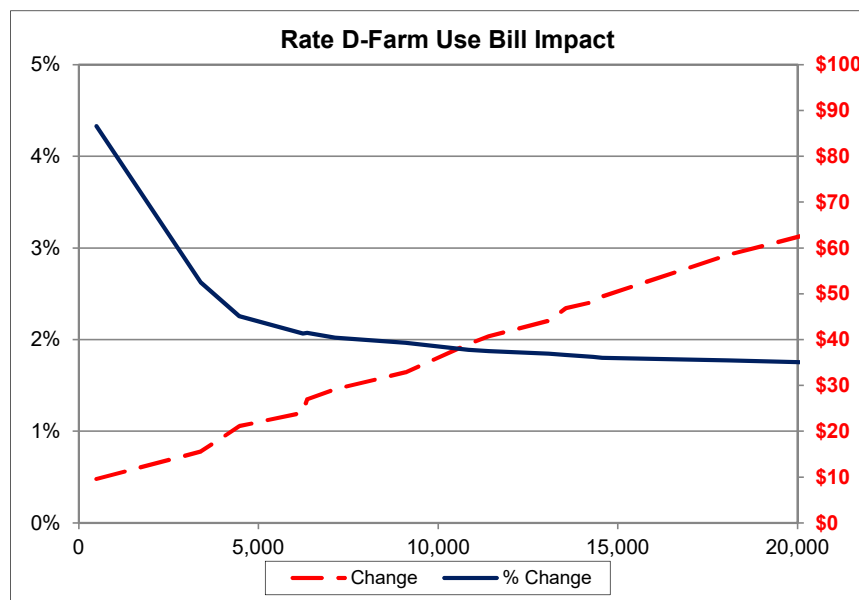
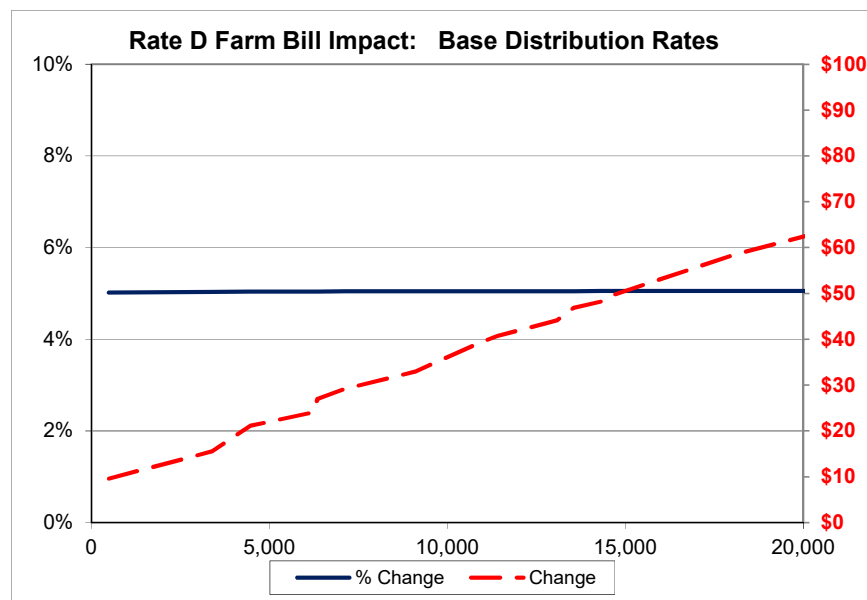
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE - Farm Use

D Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Farm Use	\$0.05413
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
Farm Use	\$0.05687
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027

D Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$14.76
Farm Use	\$0.05413
First 250 kWh	\$0.05737
Excess 250 kWh	\$0.05737

D Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03900
Customer charge	\$15.50
Farm Use	\$0.05687
First 250 kWh	\$0.06027
Excess 250 kWh	\$0.06027



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D : DOMESTIC SERVICE - Farm Use

Line

1	D Proposed Permanent Rates	D Proposed Step Adj. Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03900	Other Tracking Mechanisms \$0.03900
4		
5	Customer charge \$14.76	Customer charge \$15.50
6		
7	Farm Use \$0.05413	Farm Use \$0.05687
8	First 250 kWh \$0.05737	First 250 kWh \$0.06027
9	Excess 250 kWh \$0.05737	Excess 250 kWh \$0.06027

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
			Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
	Low	High											
10	0	487	\$191.43	\$201.03	\$9.60	5.0%	\$221.87	\$231.47	\$9.60	4.3%	2	2	3.6%
11	487	3,385	\$309.30	\$324.86	\$15.56	5.0%	\$591.99	\$607.55	\$15.56	2.6%	3	5	9.1%
12	3,385	4,472	\$419.62	\$440.76	\$21.14	5.0%	\$937.38	\$958.52	\$21.14	2.3%	3	8	14.5%
13	4,472	6,235	\$477.21	\$501.27	\$24.06	5.0%	\$1,163.81	\$1,187.87	\$24.06	2.1%	3	11	20.0%
14	6,235	6,348	\$536.22	\$563.26	\$27.03	5.0%	\$1,304.39	\$1,331.43	\$27.03	2.1%	2	13	23.6%
15	6,348	7,125	\$579.08	\$608.29	\$29.20	5.0%	\$1,444.64	\$1,473.85	\$29.20	2.0%	3	16	29.1%
16	7,125	9,093	\$652.35	\$685.26	\$32.91	5.0%	\$1,674.87	\$1,707.78	\$32.91	2.0%	3	19	34.5%
17	9,093	10,838	\$773.67	\$812.72	\$39.05	5.0%	\$2,068.31	\$2,107.36	\$39.05	1.9%	3	22	40.0%
18	10,838	11,409	\$807.81	\$848.59	\$40.77	5.0%	\$2,174.46	\$2,215.24	\$40.77	1.9%	2	24	43.6%
19	11,409	13,076	\$874.28	\$918.42	\$44.14	5.0%	\$2,389.39	\$2,433.53	\$44.14	1.8%	3	27	49.1%
20	13,076	13,545	\$927.19	\$974.00	\$46.81	5.0%	\$2,556.28	\$2,603.10	\$46.81	1.8%	3	30	54.5%
21	13,545	14,316	\$955.52	\$1,003.78	\$48.26	5.1%	\$2,666.19	\$2,714.44	\$48.26	1.8%	3	33	60.0%
22	14,316	14,558	\$978.40	\$1,027.82	\$49.42	5.1%	\$2,742.92	\$2,792.34	\$49.42	1.8%	2	35	63.6%
23	14,558	18,073	\$1,158.65	\$1,217.18	\$58.53	5.1%	\$3,301.45	\$3,359.98	\$58.53	1.8%	3	38	69.1%
24	18,073	21,246	\$1,284.79	\$1,349.70	\$64.92	5.1%	\$3,724.51	\$3,789.42	\$64.92	1.7%	3	41	74.5%
25	21,246	26,756	\$1,632.92	\$1,715.45	\$82.53	5.1%	\$4,843.25	\$4,925.78	\$82.53	1.7%	3	44	80.0%
26	26,756	35,641	\$1,983.25	\$2,083.53	\$100.28	5.1%	\$6,007.70	\$6,107.98	\$100.28	1.7%	2	46	83.6%
27	35,641	50,091	\$2,636.25	\$2,769.57	\$133.32	5.1%	\$8,105.22	\$8,238.54	\$133.32	1.6%	3	49	89.1%
28	50,091	132,674	\$4,921.17	\$5,170.15	\$248.98	5.1%	\$15,552.03	\$15,801.01	\$248.98	1.6%	3	52	94.5%
29	132,674	722,508	\$19,962.72	\$20,972.11	\$1,009.39	5.1%	\$62,706.35	\$63,715.74	\$1,009.39	1.6%	3	55	100.0%

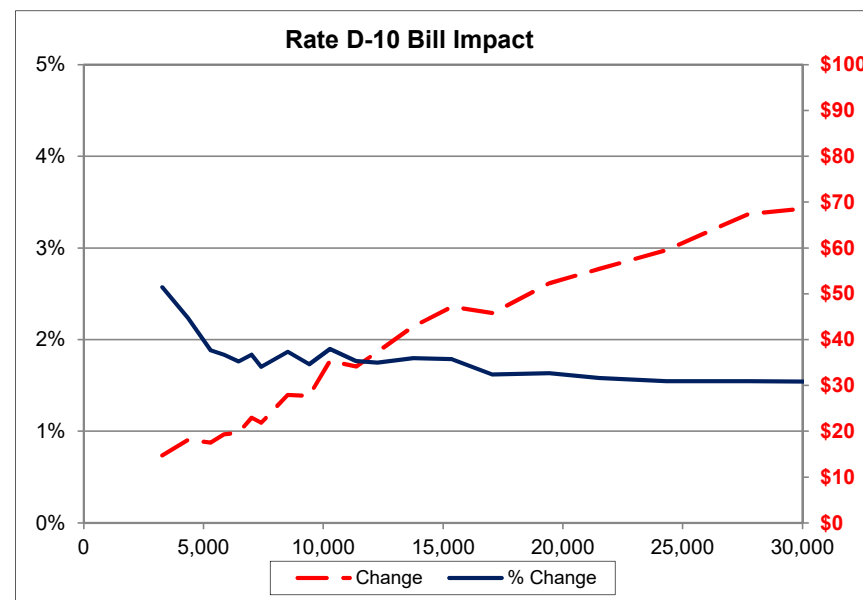
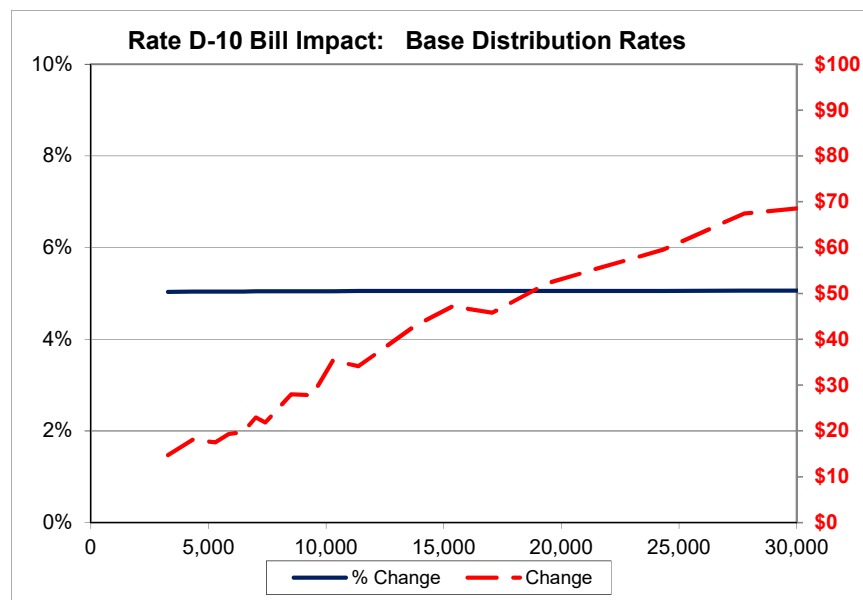
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D-10 : DOMESTIC SERVICE Optional Peak Load Pricing

D10 Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03505
Customer charge	\$14.76
Peak kWh	\$0.12200
Off Peak kWh	\$0.00169

D10 Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03505
Customer charge	\$15.50
Peak kWh	\$0.12817
Off Peak kWh	\$0.00178

D10 Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03505
Customer charge	\$14.76
Peak kWh	\$0.12200
Off Peak kWh	\$0.00169

D10 Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03505
Customer charge	\$15.50
Peak kWh	\$0.12817
Off Peak kWh	\$0.00178



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE D-10 : DOMESTIC SERVICE Optional Peak Load Pricing

Line

1	D10 Proposed Permanent Rates	D10 Proposed Step Adj. Rates
2	Energy Services \$0.08299	Energy Services \$0.08299
3	Other Tracking Mechanisms \$0.03505	Other Tracking Mechanisms \$0.03505
4		
5	Customer charge \$14.76	Customer charge \$15.50
6		
7		
8	Peak kWh \$0.12200	Peak kWh \$0.12817
9	Off Peak kWh \$0.00169	Off Peak kWh \$0.00178

Annual Use Range (kWh)			Average Annual Bills (Excluding Tracking Mechanisms)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges		
			Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	Change	% Change	Number of customers	Cumulative customers	% Cumulative customers
	Low	High											
10	0	3,272	\$293.12	\$307.88	\$14.76	5.0%	\$573.89	\$588.65	\$14.76	2.6%	20	20	4.6%
11	3,272	4,337	\$359.63	\$377.75	\$18.12	5.0%	\$809.84	\$827.96	\$18.12	2.2%	22	42	9.6%
12	4,337	5,290	\$347.23	\$364.73	\$17.50	5.0%	\$928.05	\$945.55	\$17.50	1.9%	22	64	14.7%
13	5,290	5,859	\$383.41	\$402.74	\$19.33	5.0%	\$1,053.65	\$1,072.98	\$19.33	1.8%	22	86	19.7%
14	5,859	6,467	\$391.25	\$410.98	\$19.73	5.0%	\$1,120.18	\$1,139.91	\$19.73	1.8%	22	108	24.8%
15	6,467	7,006	\$455.15	\$478.11	\$22.96	5.0%	\$1,251.35	\$1,274.31	\$22.96	1.8%	22	130	29.8%
16	7,006	7,408	\$433.47	\$455.34	\$21.87	5.0%	\$1,283.05	\$1,304.92	\$21.87	1.7%	21	151	34.6%
17	7,408	8,506	\$553.77	\$581.72	\$27.95	5.0%	\$1,498.17	\$1,526.12	\$27.95	1.9%	22	173	39.7%
18	8,506	9,408	\$550.06	\$577.83	\$27.77	5.0%	\$1,605.54	\$1,633.31	\$27.77	1.7%	22	195	44.7%
19	9,408	10,276	\$700.15	\$735.51	\$35.36	5.0%	\$1,862.03	\$1,897.38	\$35.36	1.9%	22	217	49.8%
20	10,276	11,375	\$676.42	\$710.58	\$34.16	5.1%	\$1,932.79	\$1,966.95	\$34.16	1.8%	22	239	54.8%
21	11,375	12,247	\$739.42	\$776.77	\$37.35	5.1%	\$2,137.57	\$2,174.93	\$37.35	1.7%	22	261	59.9%
22	12,247	13,747	\$847.77	\$890.60	\$42.83	5.1%	\$2,383.96	\$2,426.79	\$42.83	1.8%	22	283	64.9%
23	13,747	15,366	\$933.73	\$980.91	\$47.18	5.1%	\$2,639.73	\$2,686.91	\$47.18	1.8%	21	304	69.7%
24	15,366	17,055	\$905.65	\$951.43	\$45.77	5.1%	\$2,828.48	\$2,874.25	\$45.77	1.6%	22	326	74.8%
25	17,055	19,418	\$1,034.52	\$1,086.81	\$52.29	5.1%	\$3,202.34	\$3,254.64	\$52.29	1.6%	22	348	79.8%
26	19,418	21,508	\$1,096.15	\$1,151.57	\$55.42	5.1%	\$3,506.67	\$3,562.09	\$55.42	1.6%	22	370	84.9%
27	21,508	24,317	\$1,178.03	\$1,237.60	\$59.57	5.1%	\$3,856.37	\$3,915.94	\$59.57	1.5%	22	392	89.9%
28	24,317	27,759	\$1,333.41	\$1,400.84	\$67.43	5.1%	\$4,359.88	\$4,427.31	\$67.43	1.5%	22	414	95.0%
29	27,759	64,654	\$1,702.65	\$1,788.78	\$86.13	5.1%	\$5,819.97	\$5,906.10	\$86.13	1.5%	22	436	100.0%

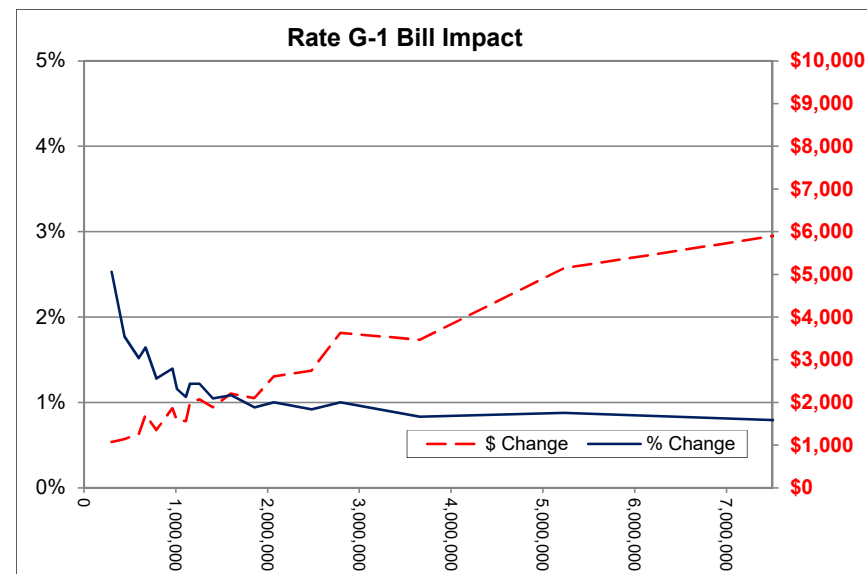
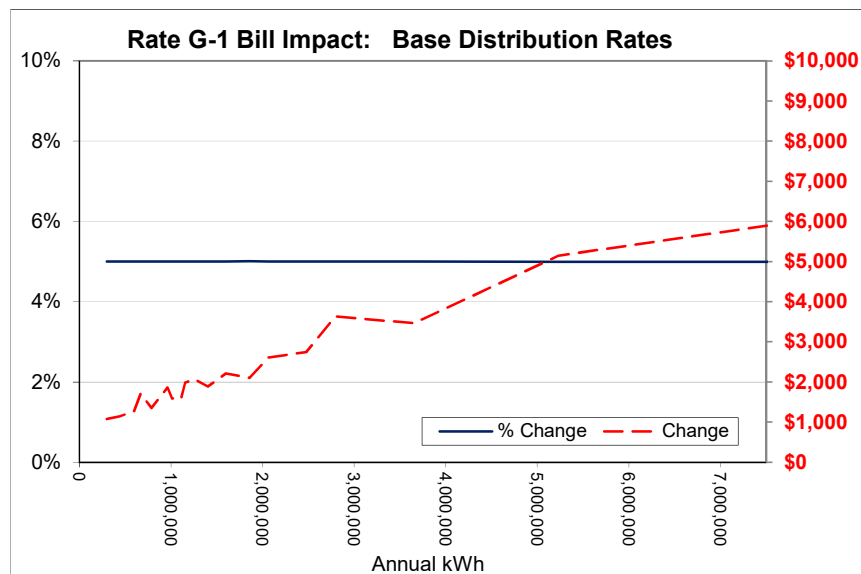
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE G-1: GENERAL SERVICE TIME-OF-USE

G-1 Proposed Permanent Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03201
Customer charge	\$384.47
Demand Charge	\$8.22
Peak kWh	\$0.00528
Off Peak kWh	\$0.00158

G-1 Proposed Step Adj. Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03201
Customer charge	\$403.87
Demand Charge	\$8.63
Peak kWh	\$0.00555
Off Peak kWh	\$0.00166

G-1 Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03201
Customer charge	\$384.47
Peak kWh	\$0.00528
Off Peak kWh	\$0.00158

G-1 Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03201
Customer charge	\$403.87
Peak kWh	\$0.00555
Off Peak kWh	\$0.00166



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE G-1: GENERAL SERVICE TIME-OF-USE

Line

G-1 Proposed Permanent Rates		
Energy Services		\$0.07542
Other Tracking Mechanisms		\$0.03201
Customer charge		\$384.47
Demand chrg		\$8.22
Peak kWh		\$0.00528
Off Peak kWh		\$0.00158

G-1 Proposed Step Adj. Rates		
Energy Services		\$0.07542
Other Tracking Mechanisms		\$0.03201
Customer charge		\$403.87
Demand charge		\$8.63
Peak kWh		\$0.00555
Off Peak kWh		\$0.00166

	Annual Use Range (kWh)		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	299,386	\$21,564	\$22,643	\$1,078	5.0%	\$42,627	\$43,705	\$1,078	2.5%	6	6	4.4%	175,391	\$0.1230	\$0.1291
11	299,386	437,986	\$22,822	\$23,964	\$1,142	5.0%	\$64,373	\$65,515	\$1,142	1.8%	7	13	9.6%	366,979	\$0.0622	\$0.0653
12	437,986	595,428	\$25,281	\$26,547	\$1,266	5.0%	\$83,280	\$84,546	\$1,266	1.5%	7	20	14.8%	517,382	\$0.0489	\$0.0513
13	595,428	669,238	\$34,261	\$35,975	\$1,714	5.0%	\$104,225	\$105,939	\$1,714	1.6%	7	27	20.0%	640,708	\$0.0535	\$0.0561
14	669,238	787,986	\$27,103	\$28,459	\$1,356	5.0%	\$105,968	\$107,324	\$1,356	1.3%	6	33	24.4%	714,318	\$0.0379	\$0.0398
15	787,986	961,987	\$37,233	\$39,095	\$1,862	5.0%	\$133,499	\$135,361	\$1,862	1.4%	7	40	29.6%	871,224	\$0.0427	\$0.0449
16	961,987	1,011,107	\$31,778	\$33,369	\$1,590	5.0%	\$137,035	\$138,626	\$1,590	1.2%	7	47	34.8%	972,757	\$0.0327	\$0.0343
17	1,011,107	1,109,539	\$31,269	\$32,834	\$1,565	5.0%	\$146,802	\$148,367	\$1,565	1.1%	7	54	40.0%	1,061,363	\$0.0295	\$0.0309
18	1,109,539	1,153,487	\$39,635	\$41,618	\$1,983	5.0%	\$162,353	\$164,337	\$1,983	1.2%	6	60	44.4%	1,134,986	\$0.0349	\$0.0367
19	1,153,487	1,255,188	\$41,436	\$43,509	\$2,074	5.0%	\$169,933	\$172,006	\$2,074	1.2%	7	67	49.6%	1,181,570	\$0.0351	\$0.0368
20	1,255,188	1,400,986	\$37,669	\$39,555	\$1,886	5.0%	\$180,155	\$182,041	\$1,886	1.0%	7	74	54.8%	1,305,488	\$0.0289	\$0.0303
21	1,400,986	1,601,988	\$44,151	\$46,360	\$2,210	5.0%	\$203,652	\$205,862	\$2,210	1.1%	7	81	60.0%	1,455,987	\$0.0303	\$0.0318
22	1,601,988	1,855,786	\$42,018	\$44,122	\$2,104	5.0%	\$223,240	\$225,344	\$2,104	0.9%	6	87	64.4%	1,644,581	\$0.0255	\$0.0268
23	1,855,786	2,067,586	\$52,178	\$54,789	\$2,610	5.0%	\$260,471	\$263,081	\$2,610	1.0%	7	94	69.6%	1,908,611	\$0.0273	\$0.0287
24	2,067,586	2,480,391	\$54,917	\$57,664	\$2,748	5.0%	\$298,447	\$301,195	\$2,748	0.9%	7	101	74.8%	2,207,903	\$0.0249	\$0.0261
25	2,480,391	2,792,386	\$72,606	\$76,240	\$3,634	5.0%	\$362,011	\$365,645	\$3,634	1.0%	7	108	80.0%	2,649,323	\$0.0274	\$0.0288
26	2,792,386	3,656,788	\$69,281	\$72,747	\$3,467	5.0%	\$416,154	\$419,621	\$3,467	0.8%	6	114	84.4%	3,084,763	\$0.0225	\$0.0236
27	3,656,788	5,231,786	\$102,879	\$108,023	\$5,144	5.0%	\$585,863	\$591,007	\$5,144	0.9%	7	121	89.6%	4,270,802	\$0.0241	\$0.0253
28	5,231,786	8,164,189	\$122,252	\$128,365	\$6,113	5.0%	\$795,398	\$801,510	\$6,113	0.8%	7	128	94.8%	5,846,987	\$0.0209	\$0.0220
29	8,164,189	58,034,730	\$451,106	\$473,667	\$22,561	5.0%	\$2,774,417	\$2,796,978	\$22,561	0.8%	7	135	100.0%	14,501,914	\$0.0311	\$0.0327

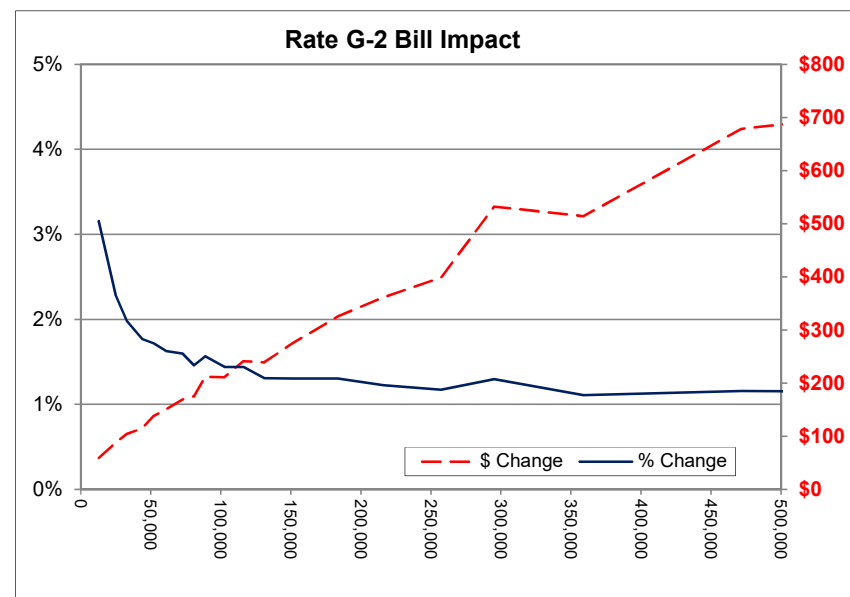
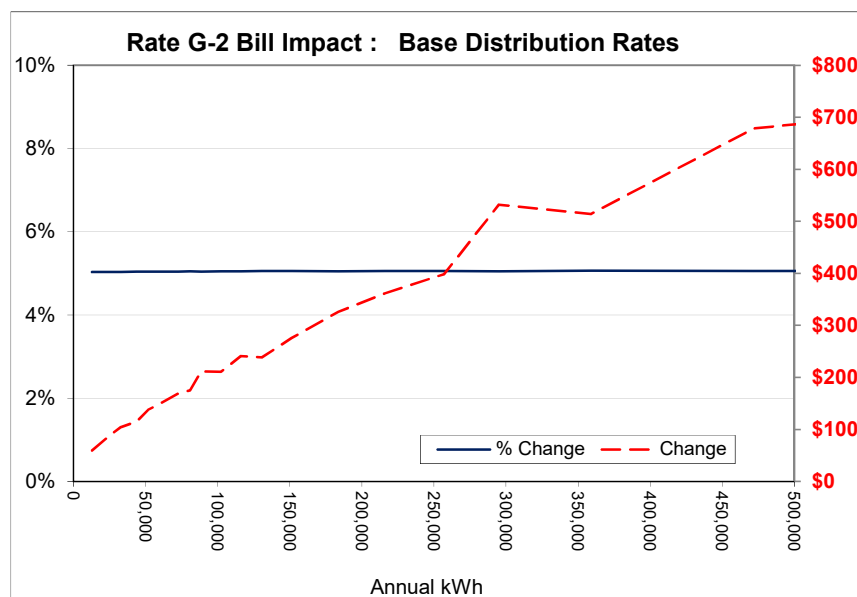
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE G-2: GENERAL LONG HOUR SERVICE

G-2 Proposed Permanent Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03523
Customer charge	\$64.11
Demand Charge	\$9.19
kWh Charge	\$0.00283

G-2 Proposed Step Adj. Rates	
Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03523
Customer charge	\$67.35
Demand Charge	\$9.65
kWh Charge	\$0.00299

G-2 Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03523
Customer charge	\$64.11
Demand Charge	\$9.19
kWh Charge	\$0.00283

G-2 Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03523
Customer charge	\$67.35
Demand Charge	\$9.65
kWh Charge	\$0.00299



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE G-2: GENERAL LONG HOUR SERVICE

Line

G-2 Proposed Permanent Rates		G-2 Proposed Step Adj. Rates	
Energy Services	\$0.07542	Energy Services	\$0.07542
Other Tracking Mechanisms	\$0.03523	Other Tracking Mechanisms	\$0.03523
Customer charge	\$64.11	Customer charge	\$67.35
Demand charge	\$9.19	Demand charge	\$9.65
kWh Charge	\$0.00283	kWh Charge	\$0.00299

	Annual Use Range		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	12,846	\$1,184	\$1,243	\$60	5.0%	\$1,887	\$1,947	\$60	3.2%	39	39	4.5%	5,599	\$0.2114	\$0.2221
11	12,846	24,865	\$1,746	\$1,834	\$88	5.0%	\$3,841	\$3,929	\$88	2.3%	43	82	9.5%	18,654	\$0.0936	\$0.0983
12	24,865	32,964	\$2,075	\$2,180	\$105	5.0%	\$5,295	\$5,399	\$105	2.0%	44	126	14.6%	28,908	\$0.0718	\$0.0754
13	32,964	43,786	\$2,284	\$2,400	\$115	5.0%	\$6,513	\$6,629	\$115	1.8%	43	169	19.6%	37,969	\$0.0602	\$0.0632
14	43,786	51,821	\$2,736	\$2,874	\$138	5.0%	\$8,020	\$8,158	\$138	1.7%	43	212	24.6%	47,573	\$0.0575	\$0.0604
15	51,821	60,673	\$2,991	\$3,142	\$151	5.0%	\$9,259	\$9,410	\$151	1.6%	44	256	29.7%	56,448	\$0.0530	\$0.0557
16	60,673	72,534	\$3,355	\$3,525	\$169	5.0%	\$10,573	\$10,743	\$169	1.6%	43	299	34.6%	64,956	\$0.0517	\$0.0543
17	72,534	80,887	\$3,473	\$3,649	\$175	5.1%	\$12,003	\$12,178	\$175	1.5%	43	342	39.6%	76,892	\$0.0452	\$0.0475
18	80,887	88,708	\$4,196	\$4,408	\$212	5.0%	\$13,529	\$13,741	\$212	1.6%	44	386	44.7%	84,167	\$0.0499	\$0.0524
19	88,708	102,493	\$4,182	\$4,393	\$211	5.1%	\$14,654	\$14,865	\$211	1.4%	43	429	49.7%	94,319	\$0.0443	\$0.0466
20	102,493	116,102	\$4,781	\$5,022	\$241	5.1%	\$16,739	\$16,980	\$241	1.4%	43	472	54.7%	107,752	\$0.0444	\$0.0466
21	116,102	130,794	\$4,724	\$4,963	\$239	5.1%	\$18,223	\$18,462	\$239	1.3%	44	516	59.8%	121,668	\$0.0388	\$0.0408
22	130,794	151,193	\$5,448	\$5,724	\$275	5.1%	\$21,078	\$21,354	\$275	1.3%	43	559	64.8%	140,781	\$0.0387	\$0.0407
23	151,193	183,655	\$6,447	\$6,773	\$326	5.1%	\$24,953	\$25,279	\$326	1.3%	43	602	69.8%	166,489	\$0.0387	\$0.0407
24	183,655	216,195	\$7,146	\$7,508	\$362	5.1%	\$29,466	\$29,828	\$362	1.2%	44	646	74.9%	200,973	\$0.0356	\$0.0374
25	216,195	257,193	\$7,876	\$8,274	\$399	5.1%	\$33,916	\$34,315	\$399	1.2%	43	689	79.8%	234,386	\$0.0336	\$0.0353
26	257,193	295,033	\$10,528	\$11,061	\$532	5.1%	\$40,952	\$41,484	\$532	1.3%	43	732	84.8%	274,075	\$0.0384	\$0.0404
27	295,033	358,876	\$10,146	\$10,660	\$514	5.1%	\$46,236	\$46,750	\$514	1.1%	44	776	89.9%	324,711	\$0.0312	\$0.0328
28	358,876	471,796	\$13,406	\$14,085	\$679	5.1%	\$58,549	\$59,227	\$679	1.2%	43	819	94.9%	405,352	\$0.0331	\$0.0347
29	471,796	2,019,793	\$21,933	\$23,046	\$1,112	5.1%	\$110,006	\$111,118	\$1,112	1.0%	44	863	100.0%	760,776	\$0.0288	\$0.0303

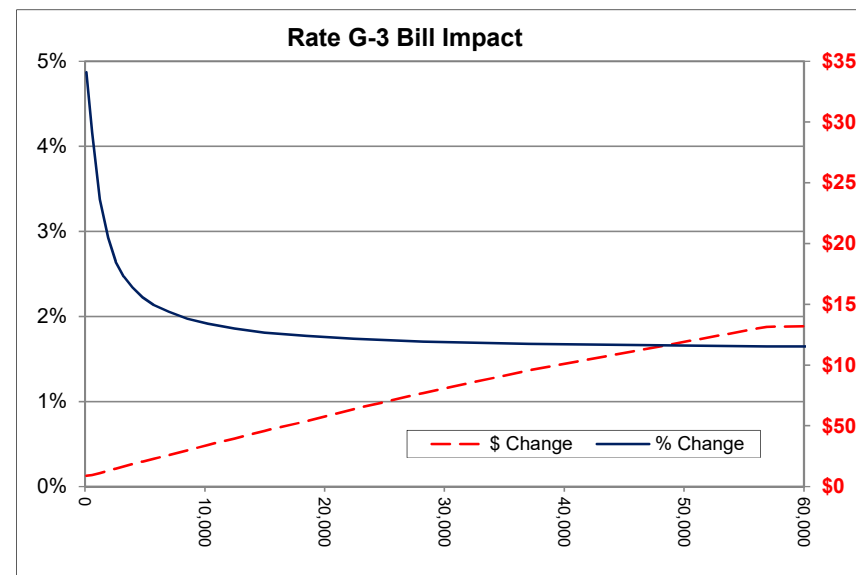
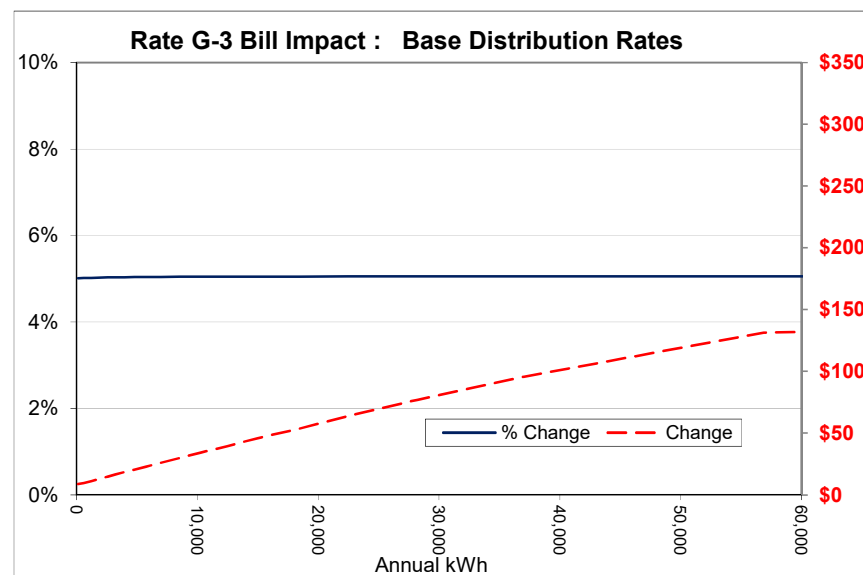
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE G-3: GENERAL SERVICE

G-3 Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03541
Customer charge	\$14.76
kWh Charge	\$0.05333

G-3 Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03541
Customer charge	\$15.50
kWh Charge	\$0.05603

G-3 Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03541
Customer charge	\$14.76
kWh Charge	\$0.05333

G-3 Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03541
Customer charge	\$15.50
kWh Charge	\$0.05603



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE G-3: GENERAL SERVICE

Line

G-3 Proposed Permanent Rates			G-3 Proposed Step Adj. Rates		
1	Energy Services	\$0.08299	1	Energy Services	\$0.08299
2	Other Tracking Mechanisms	\$0.03541	2	Other Tracking Mechanisms	\$0.03541
3			3		
4	Customer charge	\$14.76	4	Customer charge	\$15.50
5			5		
6			6		
7			7		
8	kWh Charge	\$0.05333	8	kWh Charge	\$0.05603
9			9		

	Annual Use Range		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	120	\$176	\$185	\$9	5.0%	\$182	\$190	\$9	4.9%	182	182	3.3%	29	\$6.1832	\$6.4932
11	120	581	\$193	\$202	\$10	5.0%	\$232	\$242	\$10	4.2%	277	459	8.4%	333	\$0.5788	\$0.6079
12	581	1,235	\$224	\$235	\$11	5.0%	\$333	\$344	\$11	3.4%	278	737	13.5%	920	\$0.2433	\$0.2555
13	1,235	1,922	\$261	\$274	\$13	5.0%	\$448	\$461	\$13	2.9%	277	1014	18.6%	1,580	\$0.1651	\$0.1734
14	1,922	2,570	\$296	\$311	\$15	5.0%	\$564	\$579	\$15	2.6%	277	1291	23.7%	2,263	\$0.1308	\$0.1374
15	2,570	3,218	\$329	\$346	\$17	5.0%	\$672	\$688	\$17	2.5%	278	1569	28.8%	2,888	\$0.1140	\$0.1198
16	3,218	3,960	\$366	\$385	\$18	5.0%	\$788	\$807	\$18	2.3%	277	1846	33.9%	3,564	\$0.1027	\$0.1079
17	3,960	4,813	\$409	\$429	\$21	5.0%	\$926	\$947	\$21	2.2%	277	2123	38.9%	4,367	\$0.0936	\$0.0983
18	4,813	5,738	\$455	\$478	\$23	5.0%	\$1,075	\$1,098	\$23	2.1%	278	2401	44.0%	5,230	\$0.0870	\$0.0914
19	5,738	6,985	\$514	\$539	\$26	5.0%	\$1,261	\$1,287	\$26	2.1%	277	2678	49.1%	6,306	\$0.0814	\$0.0855
20	6,985	8,531	\$592	\$622	\$30	5.0%	\$1,514	\$1,544	\$30	2.0%	277	2955	54.2%	7,782	\$0.0760	\$0.0799
21	8,531	10,250	\$678	\$713	\$34	5.0%	\$1,789	\$1,823	\$34	1.9%	278	3233	59.3%	9,374	\$0.0724	\$0.0760
22	10,250	12,465	\$781	\$821	\$39	5.1%	\$2,121	\$2,161	\$39	1.9%	277	3510	64.4%	11,311	\$0.0691	\$0.0726
23	12,465	14,987	\$907	\$953	\$46	5.1%	\$2,530	\$2,576	\$46	1.8%	277	3787	69.5%	13,695	\$0.0663	\$0.0696
24	14,987	18,468	\$1,065	\$1,119	\$54	5.1%	\$3,039	\$3,092	\$54	1.8%	278	4065	74.6%	16,655	\$0.0640	\$0.0672
25	18,468	22,444	\$1,265	\$1,329	\$64	5.1%	\$3,679	\$3,743	\$64	1.7%	277	4342	79.6%	20,374	\$0.0621	\$0.0652
26	22,444	28,211	\$1,521	\$1,598	\$77	5.1%	\$4,507	\$4,584	\$77	1.7%	277	4619	84.7%	25,194	\$0.0604	\$0.0634
27	28,211	37,030	\$1,893	\$1,989	\$96	5.1%	\$5,701	\$5,797	\$96	1.7%	278	4897	89.8%	32,135	\$0.0589	\$0.0619
28	37,030	56,880	\$2,600	\$2,732	\$132	5.1%	\$7,980	\$8,112	\$132	1.6%	277	5174	94.9%	45,366	\$0.0573	\$0.0602
29	56,880	1,043,800	\$5,663	\$5,950	\$287	5.1%	\$17,843	\$18,130	\$287	1.6%	278	5452	100.0%	99,321	\$0.0570	\$0.0599

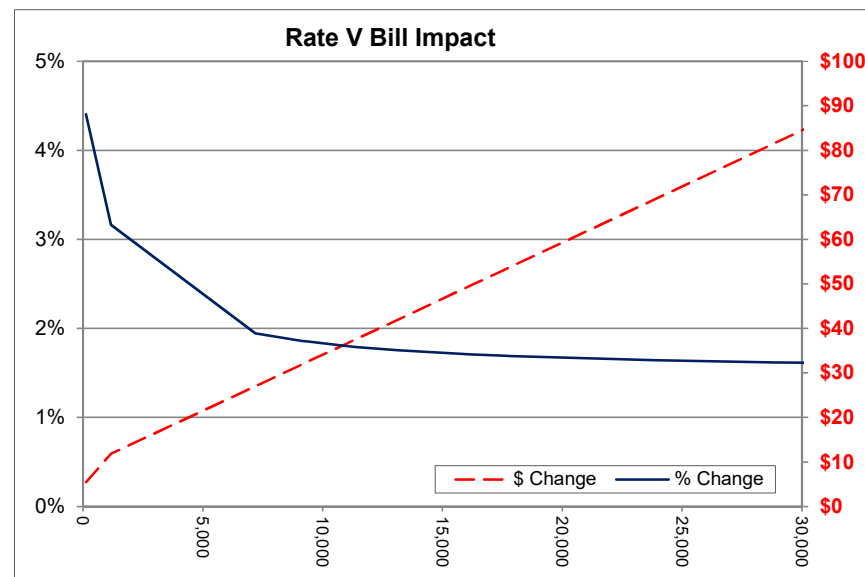
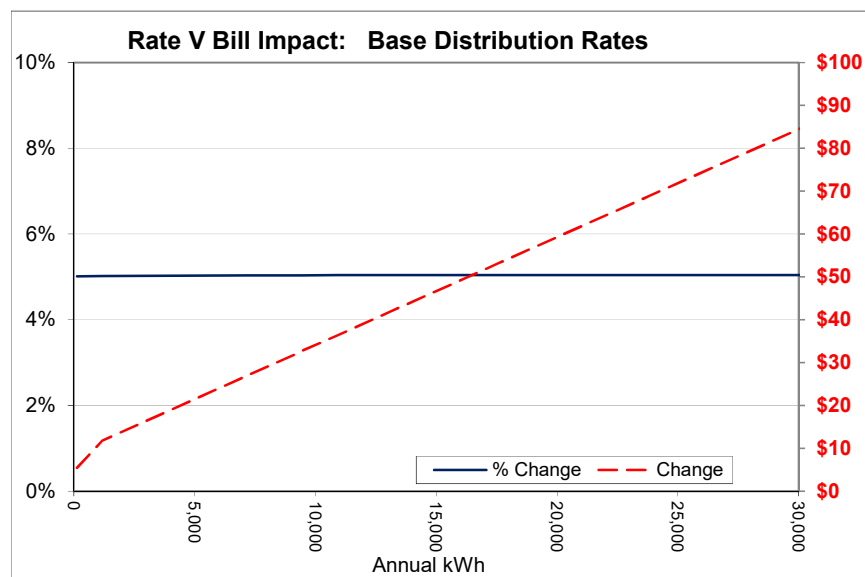
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE V: LIMITED COMMERCIAL SPACE HEATING

V Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.76
kWh Charge	\$0.04988

V Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03549
Customer charge	\$15.50
kWh Charge	\$0.05240

V Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.76
kWh Charge	\$0.04988

V Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03549
Customer charge	\$15.50
kWh Charge	\$0.05240



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE V: LIMITED COMMERCIAL SPACE HEATING

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V Proposed Permanent Rates		V Proposed Step Adj. Rates	
Energy Services	\$0.08299	Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03549	Other Tracking Mechanisms	\$0.03549
Customer charge	\$14.76	Customer charge	\$15.50
kWh Charge	\$0.04988	kWh Charge	\$0.05240

	Annual Use Range		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	128	\$109	\$115	\$5	5.0%	\$124	\$130	\$5	4.4%	1	1	6.3%	128	\$0.8532	\$0.8960
11	128	1,165	\$235	\$247	\$12	5.0%	\$373	\$385	\$12	3.2%	1	2	12.5%	1,165	\$0.2019	\$0.2121
12	1,165	7,187	\$536	\$563	\$27	5.0%	\$1,387	\$1,414	\$27	1.9%	1	3	18.8%	7,187	\$0.0745	\$0.0783
13	7,187	9,151	\$634	\$666	\$32	5.0%	\$1,718	\$1,750	\$32	1.9%	1	4	25.0%	9,151	\$0.0692	\$0.0727
14	9,151	9,440	\$650	\$683	\$33	5.0%	\$1,768	\$1,801	\$33	1.9%	1	5	31.3%	9,440	\$0.0689	\$0.0723
15	9,440	10,911	\$721	\$758	\$36	5.0%	\$2,014	\$2,050	\$36	1.8%	1	6	37.5%	10,911	\$0.0661	\$0.0694
16	10,911	11,408	\$746	\$784	\$38	5.0%	\$2,098	\$2,135	\$38	1.8%	1	7	43.8%	11,408	\$0.0654	\$0.0687
17	11,408	13,167	\$834	\$876	\$42	5.0%	\$2,394	\$2,436	\$42	1.8%	1	8	50.0%	13,167	\$0.0633	\$0.0665
18	13,167	16,199	\$985	\$1,035	\$50	5.0%	\$2,904	\$2,954	\$50	1.7%	1	9	56.3%	16,199	\$0.0608	\$0.0639
19	16,199	17,584	\$1,054	\$1,107	\$53	5.0%	\$3,138	\$3,191	\$53	1.7%	1	10	62.5%	17,584	\$0.0600	\$0.0630
20	17,584	17,799	\$1,065	\$1,119	\$54	5.0%	\$3,174	\$3,227	\$54	1.7%	1	11	68.8%	17,799	\$0.0598	\$0.0629
21	17,799	23,843	\$1,366	\$1,435	\$69	5.0%	\$4,191	\$4,260	\$69	1.6%	1	12	75.0%	23,843	\$0.0573	\$0.0602
22	23,843	28,803	\$1,614	\$1,695	\$81	5.0%	\$5,026	\$5,108	\$81	1.6%	1	13	81.3%	28,803	\$0.0560	\$0.0589
23	28,803	49,606	\$2,651	\$2,785	\$134	5.0%	\$8,529	\$8,663	\$134	1.6%	1	14	87.5%	49,606	\$0.0535	\$0.0561
24	49,606	50,878	\$2,715	\$2,852	\$137	5.0%	\$8,743	\$8,880	\$137	1.6%	1	15	93.8%	50,878	\$0.0534	\$0.0561
25	50,878	61,120	\$3,226	\$3,389	\$163	5.1%	\$10,467	\$10,630	\$163	1.6%	1	16	100.0%	61,120	\$0.0528	\$0.0554

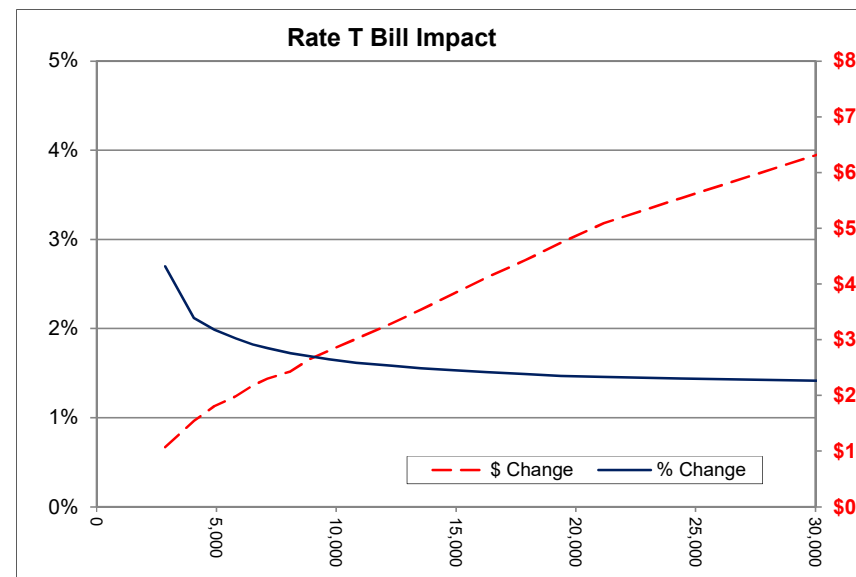
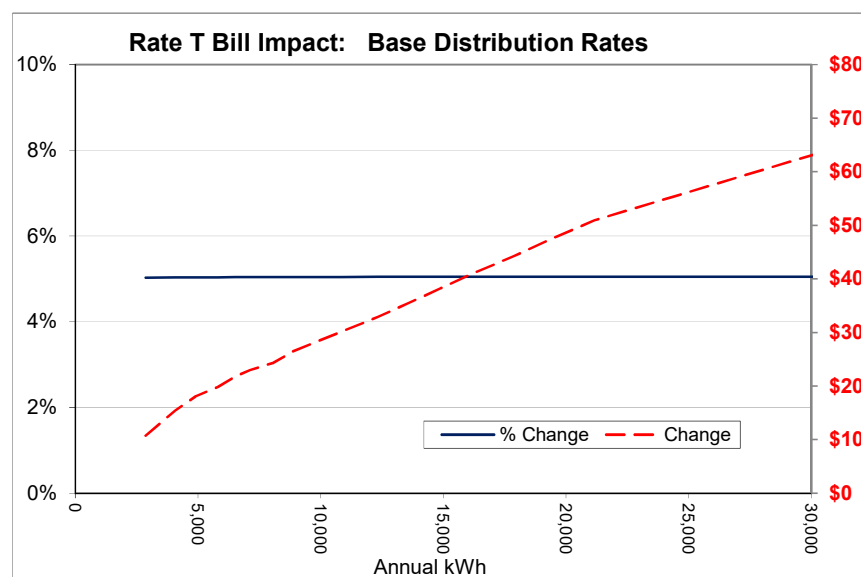
COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE T: LIMITED TOTAL ELECTRICAL LIVING

T Proposed Permanent Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03934
Customer charge	\$14.76
kWh Charge	\$0.04088

T Proposed Step Adj. Rates	
Energy Services	\$0.08299
Other Tracking Mechanisms	\$0.03934
Customer charge	\$15.50
kWh Charge	\$0.04295

T Proposed Permanent Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03934
Customer charge	\$14.76
kWh Charge	\$0.04088

T Proposed Step Adj. Rates	
Energy Services	\$0.00000
Other Tracking Mechanisms	\$0.03934
Customer charge	\$15.50
kWh Charge	\$0.04295



COMPARATIVE ANNUAL BILLS UNDER PROPOSED PERMANENT AND PROPOSED STEP ADJUSTMENT RATES
RATE T: LIMITED TOTAL ELECTRICAL LIVING

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T Proposed Permanent Rates			
Energy Services		\$0.08299	
Other Tracking Mechanisms		\$0.03934	
Customer charge		\$14.76	
kWh Charge		\$0.04088	

T Proposed Step Adj. Rates			
Energy Services		\$0.08299	
Other Tracking Mechanisms		\$0.03934	
Customer charge		\$15.50	
kWh Charge		\$0.04295	

	Annual Use Range		Average Annual Bills (Excluding Tracking)				Annual Bills (Including Tracking Mechanisms)				Customers in Ranges			Average Annual kWh	Average \$ per kWh	
	Low	High	Current Rates	Proposed Rates	Change	% Change	Current Rates	Proposed Rates	\$ Change	% Change	Number of customers	Cumulative customers	% Cumulative customers		Current Rates	Proposed Rates
10	0	2,864	\$214	\$224	\$11	5.0%	\$398	\$409	\$11	2.7%	40	40	4.9%	1,368	\$0.1561	\$0.1639
11	2,864	4,075	\$307	\$322	\$15	5.0%	\$731	\$746	\$15	2.1%	41	81	9.9%	3,436	\$0.0893	\$0.0938
12	4,075	4,915	\$359	\$377	\$18	5.0%	\$910	\$928	\$18	2.0%	41	122	15.0%	4,487	\$0.0799	\$0.0839
13	4,915	5,809	\$393	\$413	\$20	5.0%	\$1,050	\$1,070	\$20	1.9%	41	163	20.0%	5,347	\$0.0736	\$0.0773
14	5,809	6,514	\$432	\$454	\$22	5.0%	\$1,195	\$1,217	\$22	1.8%	41	204	25.0%	6,222	\$0.0695	\$0.0730
15	6,514	7,131	\$456	\$479	\$23	5.0%	\$1,291	\$1,314	\$23	1.8%	40	244	29.9%	6,800	\$0.0671	\$0.0705
16	7,131	8,084	\$482	\$507	\$24	5.0%	\$1,411	\$1,435	\$24	1.7%	41	285	34.9%	7,557	\$0.0638	\$0.0670
17	8,084	8,863	\$524	\$550	\$26	5.0%	\$1,562	\$1,588	\$26	1.7%	41	326	40.0%	8,467	\$0.0618	\$0.0650
18	8,863	9,703	\$555	\$583	\$28	5.0%	\$1,692	\$1,720	\$28	1.7%	41	367	45.0%	9,269	\$0.0599	\$0.0629
19	9,703	10,845	\$598	\$628	\$30	5.0%	\$1,864	\$1,894	\$30	1.6%	41	408	50.0%	10,325	\$0.0579	\$0.0608
20	10,845	12,325	\$652	\$685	\$33	5.1%	\$2,079	\$2,112	\$33	1.6%	40	448	54.9%	11,611	\$0.0562	\$0.0590
21	12,325	13,542	\$701	\$736	\$35	5.1%	\$2,275	\$2,311	\$35	1.6%	41	489	59.9%	12,829	\$0.0546	\$0.0574
22	13,542	14,873	\$756	\$795	\$38	5.1%	\$2,490	\$2,528	\$38	1.5%	41	530	65.0%	14,139	\$0.0535	\$0.0562
23	14,873	16,262	\$814	\$855	\$41	5.1%	\$2,722	\$2,763	\$41	1.5%	41	571	70.0%	15,559	\$0.0523	\$0.0550
24	16,262	17,876	\$875	\$919	\$44	5.1%	\$2,965	\$3,009	\$44	1.5%	41	612	75.0%	17,044	\$0.0514	\$0.0539
25	17,876	19,379	\$938	\$985	\$47	5.1%	\$3,222	\$3,270	\$47	1.5%	40	652	79.9%	18,634	\$0.0503	\$0.0529
26	19,379	21,158	\$1,007	\$1,058	\$51	5.1%	\$3,492	\$3,543	\$51	1.5%	41	693	84.9%	20,267	\$0.0497	\$0.0522
27	21,158	24,370	\$1,096	\$1,151	\$55	5.1%	\$3,844	\$3,899	\$55	1.4%	41	734	90.0%	22,390	\$0.0489	\$0.0514
28	24,370	30,990	\$1,275	\$1,339	\$64	5.1%	\$4,559	\$4,623	\$64	1.4%	41	775	95.0%	26,685	\$0.0478	\$0.0502
29	30,990	669,280	\$3,639	\$3,823	\$184	5.1%	\$14,000	\$14,184	\$184	1.3%	41	816	100.0%	69,131	\$0.0526	\$0.0553

TABLE 1 - Comparison of Permanent Rates vs. Current Rates

**Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Residential Bill Impact
Proposed Permanent Rates**

Usage: 650 kWh

	Current Rates	Proposed Permanent Rates	Current Bill	Proposed Bill (Perm Rates)
Customer Charge	\$ 14.02	\$ 14.76	\$ 14.02	\$ 14.76
Distribution Charge				
1st 250 kWh	\$ 0.04299	\$ 0.05737	\$ 10.75	\$ 14.34
excess of 250 kWh	\$ 0.04883	\$ 0.05737	\$ 19.53	\$ 22.95
Storm Recovery Adjustment	\$ -	\$ -	\$ -	\$ -
Transmission Charge	\$ 0.03460	\$ 0.03460	\$ 22.49	\$ 22.49
Stranded Cost Charge	\$ (0.00095)	\$ (0.00095)	\$ (0.62)	\$ (0.62)
System Benefit Charge	\$ 0.00535	\$ 0.00535	\$ 3.48	\$ 3.48
Electricity Consumption Tax	\$ -	\$ -	\$ -	\$ -
Subtotal Retail Delivery Services			\$ 69.65	\$ 77.40
Energy Service Charge	\$ 0.08299	\$ 0.08299	\$ 53.94	\$ 53.94
Total Bill			\$ 123.59	\$ 131.34
\$ increase in 650 kWh Total Residential Bill			\$ 7.75	
% increase in 650 kWh Total Residential Bill			6.27%	

TABLE 2 - Comparison of Step Adjustment Rates vs. Permanent Rates

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Residential Bill Impact
Proposed Step Adjustment Rates

Usage: 650 kWh

	Proposed Permanent Rates	Proposed Step Adjustment Rates	Proposed Bill (Perm Rates)	Proposed Bill (Perm + Step)
Customer Charge	\$ 14.76	\$ 15.50	\$ 14.76	\$ 15.50
Distribution Charge				
1st 250 kWh	\$ 0.05737	\$ 0.06027	\$ 14.34	\$ 15.07
excess of 250 kWh	\$ 0.05737	\$ 0.06027	\$ 22.95	\$ 24.11
Storm Recovery Adjustment	\$ -	\$ -	\$ -	\$ -
Transmission Charge	\$ 0.03460	\$ 0.03460	\$ 22.49	\$ 22.49
Stranded Cost Charge	\$ (0.00095)	\$ (0.00095)	\$ (0.62)	\$ (0.62)
System Benefit Charge	\$ 0.00535	\$ 0.00535	\$ 3.48	\$ 3.48
Electricity Consumption Tax	\$ -	\$ -	\$ -	\$ -
Subtotal Retail Delivery Services			\$ 77.40	\$ 80.03
Energy Service Charge	\$ 0.08299	\$ 0.08299	\$ 53.94	\$ 53.94
Total Bill			\$ 131.34	\$ 133.97
			\$ 2.63	
\$ increase in 650 kWh Total Residential Bill				2.00%
% increase in 650 kWh Total Residential Bill				

TABLE 3 - Cumulative Effect of Permanent + Step Adjustment Rates vs. Current Rates

Liberty Utilities (Granite State Electric) Corp. d/b/a Liberty Utilities
Residential Bill Impact
Proposed Step Adjustment Rates

Usage: 650 kWh

	Current Rates	Proposed Step Adjustment Rates	Current Bill	Proposed Bill (Perm + Step)
Customer Charge	\$ 14.02	\$ 15.50	\$ 14.02	\$ 15.50
Distribution Charge				
1st 250 kWh	\$ 0.04299	\$ 0.06027	\$ 10.75	\$ 15.07
excess of 250 kWh	\$ 0.04883	\$ 0.06027	\$ 19.53	\$ 24.11
Storm Recovery Adjustment	\$ -	\$ -	\$ -	\$ -
Transmission Charge	\$ 0.03460	\$ 0.03460	\$ 22.49	\$ 22.49
Stranded Cost Charge	\$ (0.00095)	\$ (0.00095)	\$ (0.62)	\$ (0.62)
System Benefit Charge	\$ 0.00535	\$ 0.00535	\$ 3.48	\$ 3.48
Electricity Consumption Tax	\$ -	\$ -	\$ -	\$ -
Subtotal Retail Delivery Services			\$ 69.65	\$ 80.03
Energy Service Charge	\$ 0.08299	\$ 0.08299	\$ 53.94	\$ 53.94
Total Bill			\$ 123.59	\$ 133.97
			\$ 10.38	
\$ increase in 650 kWh Total Residential Bill				
% increase in 650 kWh Total Residential Bill			8.40%	

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