Direct Testimony and Schedules
Nicholas N. Paluck

Before the North Dakota Public Service Commission
State of North Dakota

In the Matter of the Application of Northern States Power Company
for Authority to Increase Rates for Electric Service in North Dakota

Case No. PU-24-___
Exhibit___(NNP-1)

Rate Design

December 2, 2024

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Schedules

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME AND OCCUPATION.

A. My name is Nicholas N. Paluck. I am the Manager of Regulatory Analysis for Northern States Power Company Minnesota (NSPM or the Company).

Q. PLEASE SUMMARIZE YOUR QUALIFICATIONS AND EXPERIENCE.

A. I have 17 years of natural gas and electric pricing experience with Northern States Power Company and Xcel Energy Inc., which includes rate design, revenue determinations, and cost allocations for the utility operating subsidiaries of Xcel Energy Inc. My qualifications and experience are further described in Exhibit___(NNP-1), Schedule 1.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

A. I present the Company's proposed rate-revenue analysis and class-revenue responsibility. The Company's proposed rate design also includes specific proposals that are addressed by Company witness Christopher J. Barthol. Finally, I am sponsoring the Company's proposed rate schedules and tariffs. Redlined and non-redlined versions of the tariff sheets are provided in Volume 2 of this application. I am also sponsoring the following schedules included with the NOTICE OF CHANGE IN RATES FOR ELECTRIC SERVICE:

Schedule 2 – Sales and Revenue by Rate Schedule

Schedule 5 – Comparison of Present and Proposed Rates

Schedule 6 – Comparison of Monthly Bills at Present and Proposed Rates

Each of these schedules can be found under the section "Deficiency & Proposed Revenue" in Volume 1 of this application.

Q. WHAT IS THE BASIS FOR YOUR PROPOSED CLASS REVENUE RESPONSIBILITY AND RATE DESIGN?

A. The Company bases its electric pricing proposals on the following objectives:

- Produce total revenue equal to test-year revenue requirements, thereby providing the Company a reasonable opportunity to earn its authorized return on investment;
- Accurately reflect the resource costs of providing service and, where appropriate, the market value of the service;
- Provide sufficient flexibility in pricing levels and provisions for our electric service to remain competitive in the broader energy market; and
- Provide reasonable pricing by considering the importance of rate continuity, customer understanding, revenue stability, and administrative practicality.

Q. HOW IS YOUR TESTIMONY ORGANIZED?

A. I present my testimony in the following sections:

- Rate Revenue Analysis;
- Class Revenue Responsibility;
- Rate Design Proposals; and
- Conclusion.

II. RATE REVENUE ANALYSIS

Q. WHAT ARE THE 2025 TEST YEAR ELECTRIC REVENUES FROM SALES AT PRESENT AND PROPOSED RATE LEVELS?

A. Table 1 below shows 2025 test year revenues at present and proposed rates for the Electric Utility-North Dakota retail jurisdiction. Revenues are separated into

two categories: retail rate revenues and other increases. The "other increases" category is the increases in late payment charges, winter construction, and excess footage revenue from the proposed rate level that is an offset to the proposed retail increase.

Table 1
Test-Year Revenue ($1,000s)

	Present	Proposed	Proposed Increase	Percent Increase
Retail Rate Revenue	$230,375	$274,817	$44,442	19.29%
+ Other Increases	0	114	114	
Total	$230,375	$274,931	$44,556	19.34%

Company witness Benjamin C. Halama presents the 2025 test year total revenue deficiency in his Direct Testimony. Present and proposed 2025 test year revenues are based on the application of present and proposed rates to the test-year budgeted sales and customers that are supported by Company witness Benjamin S. Levine.

Q. HAVE YOU PROVIDED MORE DETAILED COMPARISONS OF TEST-YEAR REVENUES?

A. Yes. I prepared the following summary and detailed comparisons of present and proposed rate revenues:

- **Sales and Revenue by Rate Schedule**
  - Filed as Exhibit___(NNP-1), Schedule 2;
- **Revenue by Major Rate Class and Revenue Type**
  - Filed as Exhibit___(NNP-1), Schedule 3; and
- **Sales and Revenue by Rate Schedule and Component Detail**
  - Filed as Exhibit___(NNP-1), Schedule 4.

Q. PLEASE DESCRIBE THE COMPARISONS FILED AS EXHIBIT___(NNP-1), SCHEDULE 5 AND EXHIBIT___(NNP-1), SCHEDULE 6.

A. Schedule 5 is a comparison by rate schedule of present and proposed base rates, including energy charges both with and without fuel costs. Schedule 6 is a monthly bill comparison by rate schedule of the present and proposed rates at different usage levels.

III. CLASS REVENUE RESPONSIBILITY

Q. HOW DID YOU DETERMINE THE PROPOSED DISTRIBUTION OF CLASS-REVENUE RESPONSIBILITY?

A. The Company proposes to move all classes 50 percent towards cost in this proceeding. The Company's embedded Class Cost of Service Study (CCOSS), sponsored by Company witness Barthol, shows each class's share of the overall cost of service. According to the CCOSS results summarized in Table 2 below, simply applying the average retail increase of 19.29 percent to existing rates would cause the four major customer classes to be either over or under cost by the following amounts:

- Residential: 9.74 percent under cost
- C&I Non-Demand: 4.73 percent over cost
- C&I Demand: 6.86 percent over cost
- Lighting: 1.14 percent under cost

The CCOSS indicates a relatively large deficiency for the Residential class, and therefore the Company supports a more moderate movement to cost in this case rather than setting rates at the cost of service. In addition, a moderate class specific movement to bring all classes close to cost is preferred over the average

retail increase due to the varying direction and magnitude each class sits from cost. Furthermore, a cost-based apportionment will allow the Commercial & Industrial (C&I) non-demand class to be set at a lower cost compared to the cost as indicated by the CCOSS.

Q. HOW DO YOU MEASURE MOVEMENT TO COST?

A. This measurement defines the relative position between a class increase set at the average retail increase (no movement towards cost) and a class increase necessary for the class revenue responsibility to be equal to CCOSS-indicated class cost responsibility (full movement to cost). Using a hypothetical example of a 10 percent average retail increase and a 16 percent class cost increase, the potential cost movement range is 6 percent (16 percent less 10 percent). In this example, a proposed 13 percent class increase represents a 50 percent cost movement, calculated as 3 percent (13 percent less 10 percent) divided by the full 6 percent range.

Table 2
2025 Test Year Rate Revenue and Cost by CCOSS Class ($1,000s)

Class	Present Revenue	Cost of Service	Cost Increase %	Proposed Revenue	Proposed Increase %
Residential	$92,694	$119,604	29.03%	$115,090	24.17%
Non-Demand	12,098	13,859	14.56%	14,145	16.93%
C&I Demand	123,554	138,912	12.43%	143,150	15.86%
Lighting	2,028	2,442	20.43%	2,431	19.86%
Total Retail	**$230,375**	**$274.817**	**19.29%**	**$274,817**	**19.29%**
Other Rev		**114**		**114**	
Total	**$230,375**	**$274,931**	**19.34%**	**$274,931**	**19.34%**

Q. PLEASE COMPARE PRESENT AND PROPOSED REVENUES BY SERVICE CLASS WITH CLASS REVENUE REQUIREMENTS FROM THE CCOSS.

A. Table 2 compares present and proposed rate revenue and cost levels by the major CCOSS class categories. The cost figures above correspond to the adjusted CCOSS revenue requirements which include a credit for increased late payment charge revenue, as well as revenue impacts from proposed changes to excess footage, winter construction, and dedicated switching rates, as discussed by Company witness Barthol.

Q. IS THE RECOMMENDED REVENUE APPORTIONMENT CONSISTENT WITH THE COMPANY'S PRICING OBJECTIVES?

A. Yes, the revenue apportionment balances the pricing objective of moving customer classes to cost with the pricing objective of rate continuity.

IV. RATE DESIGN PROPOSALS

Q. IS THE COMPANY PROPOSING ANY STRUCTURAL CHANGES TO ITS BASIC RATE STRUCTURE?

A. No.

A. Residential and C&I Non-Demand Customer Charges

Q. WHAT IS THE PRIMARY FUNCTION OF A CUSTOMER CHARGE?

A. The primary function of a customer charge is to recover the fixed cost of serving customers. Customer-related costs include metering, service lines, meter reading, and billing. These costs are not variable with usage. Other industries include similar customer charges, including cable television and internet service.

When fixed costs are recovered through a fixed customer charge, costs are more equitably recovered from customers at all usage levels.

Q. WHAT IS THE FIXED COST OF SERVING CUSTOMERS THAT IS NOT RELATED TO ENERGY USAGE IN THIS CASE?

A. According to the CCOSS, the fixed monthly cost of serving residential customers is $21.62.

Q. WHAT LEVEL OF CUSTOMER CHARGES IS THE COMPANY PROPOSING IN THIS CASE FOR RESIDENTIAL SERVICE AND SMALL GENERAL SERVICE CUSTOMERS?

A. We are proposing an increase of $6.50 that will essentially move Residential customer charges to cost. Our proposed customer charges for Residential Service customers are shown in Table 3 below.

Table 3
Residential Service Customer Charges

Service Category	Present	Proposed
Residential Overhead-Standard	$15.00	$21.50
Residential Underground-Standard	$15.00	$21.50
Residential Electric Heating - Overhead	$15.00	$21.50
Residential Electric Heating - Underground	$15.00	$21.50

Q. WHY IS IT IMPORTANT TO MAINTAIN FIXED CUSTOMER CHARGES AT COST?

A. When fixed customer charges are set below cost, the difference is recovered in variable energy charges. This results in customers with above-average usage subsidizing the cost of serving those customers with below-average usage.

Q. ARE THERE OTHER CUSTOMER BENEFITS FROM MOVING CLOSER TO COST-BASED CUSTOMER CHARGES?

A. Yes. Customers will benefit from our proposed customer charges because their monthly bills will be less sensitive to weather variations. Also, customers with electric water heating or clothes dryers, for example, will pay lower subsidies as a result of the above average usage related to those appliances.

B. Residential Service

Q. PLEASE DESCRIBE THE PROPOSED RATE DESIGN FOR RESIDENTIAL SERVICE OTHER THAN CUSTOMER CHARGES.

A. The proposed Residential Service tariff retains the present design structure, including the distinction for electric space heating. After crediting the proposed customer charge revenue against the class revenue allocation, Residential energy charges are calculated by considering a seasonal differential and the Residential cost of service distinction for electric space heating. Based on cost of service distinctions and customer charges that are closer to cost, customers with electric space heating have lower energy charges during the non-summer months of October through May. In order to continue following the overall cost of service differential for electric space heating service, the overall proposed Residential Service increase of 24.2 percent was distributed as a 24.0 percent increase for standard non-heating service and 24.6 percent increase for electric space heating service. The 0.6 percentage point differential was moderated based on the corresponding test year 2025 cost of service differential, which is 0.6 percentage points.

C. C&I Demand Class Rate Design

Q. HOW DID YOU DEVELOP THE PROPOSED RATE DESIGN FOR THE C&I DEMAND CLASS?

A. I started by calculating the proposed base energy charge, which is not time-differentiated and is the same for all non-time-of-day tariffs in the C&I Demand class. The base energy charge is calculated using C&I Demand class energy costs and energy-related capacity costs at the secondary voltage level, which is consistent with the Company's stratification approach supported by Company witness Barthol for allocating production plant to customer classes. Next, the cost of fuel was subtracted from the base energy charge, because fuel and purchased energy costs are recovered separately, and the resulting net cost was increased by an additional amount to recover the average cost of the Energy Charge Credit (ECC). The ECC cost is equal to the proposed ECC per kWh times the 11.7 percent of sales that qualify for the ECC. Finally, the resulting base energy charge was increased by 0.55 cents per kWh to moderate the increases otherwise required in the demand charge.

Q. ARE GENERAL TIME OF DAY (TOD) SERVICE ENERGY CHARGES DERIVED FROM THE GENERAL SERVICE ENERGY CHARGE?

A. Yes. The General TOD Service base energy charges are the result of separating the General Service base energy charge into on-peak and off-peak components by using a TOD ratio. The level of the General TOD Service base energy charges is set equivalent to the non-TOD charge then weighted by the on-peak and off-peak kWh sales percentages for the C&I Demand class.

Q. WHAT TOD RATIO DID YOU USE TO SEPARATE THE GENERAL SERVICE BASE ENERGY CHARGE INTO THE GENERAL TOD SERVICE BASE ENERGY CHARGES?

A. In this case, I used a TOD ratio of on-peak to off-peak base energy charges (Energy Ratio) of 1.88 to 1.

One of the goals in designing rates for General TOD Service is to maintain reasonable continuity in the relationship between on-peak and off-peak charges, as measured by the TOD Combined Ratio. The TOD Combined Ratio results from combining the Energy Ratio and TOD fuel cost charges (Fuel Ratio), as shown on Table 4 below. The Fuel Ratio is prescribed as the marginal energy cost ratio for the full test year, which for the 2025 test year is a ratio of 1.46 on-peak to 1 off-peak. In this case, the Energy Ratio of 1.88 to 1 was used to balance the low Fuel Ratio to produce a Combined Ratio of 1.73 to 1, which is reasonable and maintains consistency with past TOD ratios. This approach also has the advantage of avoiding the excessive influence of what may be a short-term cost pattern in the Fuel Ratio. A comparison of proposed TOD ratios with those from past rate cases is shown in Table 4.

Table 4
Comparison of On-Peak Ratios

Test Year	Energy Ratio	Fuel Ratio	Combined Ratio
2008	1.70	1.70	1.70
2011	1.69	1.63	1.66
2013	1.82	1.61	1.71
2021	1.88	1.45	1.73
2025	1.88	1.46	1.73

Q. WHAT IS THE ECC?

A. The ECC, or Energy Charge Credit, which has also been referred to as a high load factor credit, is a component of demand-metered rates that applies a credit

to kWh energy usage above the 400 hours-use (55 percent load factor) level. The ECC was originally developed in 1993 to mitigate the effect of our stratification-based CCOSS driven demand and energy charges on customers with very high load factors. The ECC is a mathematical device that has the effect of determining the monthly bills of customers at both standard rates and an equivalent rate design with higher demand and lower energy charges, and automatically applies the lower cost option.

Q. DOES THE ECC PROVIDE OTHER BENEFITS?

A. Yes. The ECC adds precision to two-part TOD energy charges by recognizing that as a customer's load factor increases, a larger portion of energy use occurs when system loads and energy costs are at the lowest levels. The ECC essentially provides much of the benefit of a three-part TOD rate without its substantially greater complexity.

Q. ARE YOU PROPOSING TO CHANGE THE AMOUNT OF THE ECC?

A. Yes. The proposed ECC of 1.45¢ per kWh is a 0.2¢ per kWh increase from the current ECC of 1.25¢ per kWh. This increase is designed to maintain the relationship of the ECC to the combination of base energy and fuel rates.

Q. HOW DID YOU DEVELOP THE PROPOSED DEMAND CHARGES FOR THE C&I DEMAND CLASS?

A. Proposed demand charges were designed to recover the proposed C&I Demand class revenue requirement that is not recovered through the energy and customers charges. This approach also recovers the cost of all interruptible demand charge discounts through demand charges.

Q. DO THE COMPANY'S PROPOSED DEMAND CHARGES INCLUDE ADDITIONAL INTERRUPTIBLE DISCOUNTS?

A. Yes. On a nominal basis, the proposed interruptible demand charge discounts were increased by an average of 5.2 percent to maintain greater consistency with the Company's rates in its other jurisdictions. The individual proposed increases for the five currently available interruptible service categories range from 4.9 percent to 5.5 percent. Table 5 outlines current and proposed interruptible discounts.

Table 5
Present and Proposed Interruptible Discounts
State of North Dakota Electric Jurisdiction
(Average Monthly Discount per kW)

Tier-PF	2-C	2-B	2-A	1-C	1-B	1-A
Present	$4.46	$3.99	$3.25	$5.27	$4.68	$3.84
Proposed	$4.69	$4.21	$3.42	$5.54	$4.92	$4.03
Increase	$0.23	$0.22	$0.17	$0.27	$0.24	$0.19
Increase %	5.2%	5.5%	5.2%	5.1%	5.1%	4.9%

Q. WHAT IS THE RESULT OF THE C&I DEMAND RATE DESIGN PROCESS ON THE RELATIVE LEVELS OF PROPOSED DEMAND AND ENERGY CHARGES?

A. The application of our proposed cost-based rate design process is that the proposed demand charges have a lower percent increase than the proposed energy charges. For firm service at the secondary voltage level, the proposed percent increase to the average annual demand charge is approximately 0.9 percentage points below the proposed base energy charge increase – based on a 25.5 percent demand charge increase and a 26.4 percent increase for the base energy and fuel cost charges.

Q. DOES THE PROPOSED C&I DEMAND RATE DESIGN PRODUCE CUSTOMER BILL INCREASES THAT VARY BY LOAD FACTOR?

A. Yes. There is a lower percent increase in customer bills for customers with higher load factors than for customers with lower load factors. These differentials for General Service and General Time of Day Service are shown in Schedule 6, with the different percent increases for customer load factors at 200, 400 and 600 hours of use per month. For a customer with a demand of 100 kW, the percent increase at the 600 hours use level is approximately three percentage points less than at the 200 hours use level.

Q. HOW WERE THE VOLTAGE DISCOUNTS DERIVED?

A. The energy charge voltage discounts were monetized by multiplying the net decrease in losses at primary, transmission transformed, and transmission levels by the General Service energy charge and fuel costs. The demand voltage discounts were calculated by deriving the distribution cost per kW avoided distribution costs. For example, a customer at a primary voltage level causes no secondary distribution cost therefore primary voltage discount removes the impact of secondary distribution cost from the base demand charges calculated at the secondary voltage level. Exhibit___(NNP-1), Schedule 7 contains the voltage discount analysis.

D. Lighting Services

Q. DO THE PROPOSED LIGHTING RATES RECOGNIZE COST DIFFERENTIALS BY SUB-CATEGORY WITHIN THE LIGHTING CLASS?

A. Yes. The proposed revenue levels were determined by moderately applying the CCOSS-indicating adjustments for the three lighting sub-categories. Street lighting for municipal customers includes the System and Energy service cost

categories. System service is full service lighting that includes the lighting system, energy, maintenance, and repairs. The Energy category includes flat-rate Purchased Equipment services and metered energy-only service. Protective service is full service security lighting that is available for residential and commercial customers. The cost-based rate reductions indicated by the CCOSS for the other sub-categories were also moderated to proposed increases of 20.3 percent for the Energy category and a 11.5 percent increase for Protective lighting. As a result of the moderating limitations required to manage these individual sub-category cost differences, the overall 19.9 percent proposed increase for the Lighting class differs from the 20.4 percent increase supported by the CCOSS.

E. Fuel Cost Rider

Q. HAS THE PROPOSED FUEL COST RIDER BEEN UPDATED FOR THE TEST YEAR 2025?

A. Yes. The Service Category Ratio section of the Fuel Cost Rider was updated to be consistent with test year 2025 information. This update was determined using the method approved by the Commission in previous rate cases. The development of these updates is shown in Exhibit___(NNP-1), Schedule 8.

F. Tariff Modifications

1. Peak Controlled Tariff Modifications

Q. IS THE COMPANY PROPOSING ANY CHANGES TO THE INTERRUPTIBLE TARIFF?

A. Yes. Two additions are proposed. The first addition is to eliminate the Annual Minimum Demand Charge (AMDC) provision that sets an annual demand charge based on the highest monthly demand (kW).[1] Per the Company's tariff,

[1] See Volume 2, Proposed Tariffs, Sheet Nos. 5-34 and 5-38.

the AMDC shall be no less than six times the average monthly Firm Demand Charge per kW times the maximum Predetermined Demand, plus six times the Controllable Demand Charge per kW times the maximum Controllable Demand.

Q. WHY IS THE COMPANY PROPOSING TO REMOVE THE AMDC COMPONENT OF THE TARIFF?

A. The AMDC is a complicated provision to bill and is rarely employed. The removal of the AMDC is a customer friendly change that simplifies and streamlines the interruptible tariff.

Q. IS THE COMPANY PROPOSING ANY OTHER CHANGES TO THE INTERRUPTIBLE TARIFF?

A. Yes. The second addition is to add language and a formula to help further define the performance factor calculation.[2]

Q. WHY IS THE COMPANY PROPOSING TO ADD THE PERFORMANCE FACTOR CALCULATION TO THE PEAK CONTROLLED SERVICE SCHEDULES?

A. Adding the performance factor formula to the tariff is an effort to be more transparent about bill calculation details. In the past, there has been customer interest in the calculation so including it in the tariff would be a customer friendly addition.

[2] See Volume 2, Proposed Tariffs, Sheet Nos. 5-33 and 5-37.

V. CONCLUSION

Q. PLEASE SUMMARIZE YOUR TESTIMONY.

A. The Company's proposed class revenue allocation and rate design is consistent with our pricing objectives and our cost of providing service. The cost-based focus of our overall recommendations will result in fair and reasonable electric pricing that provides an economically sound distribution of cost responsibility.

Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?

A. Yes, it does.

Statement of Qualifications and Experience

Nicholas N. Paluck

Nicholas Paluck has been employed by Northern States Power Company in pricing positions for 17 years and his current position is Manager of Regulatory Analysis. His job responsibilities include rate design, rate-revenue determinations, and cost allocations for the utility operating subsidiaries of Xcel Energy.

Paluck has supported rate design efforts in proceedings before state regulatory commissions in Minnesota, North Dakota, and South Dakota.

Paluck has presented several topics on rate design at industry conferences.

Paluck received his Bachelor of Arts degree in Economics from the University of Minnesota-Morris and his Master of Business Administration degree from the Carlson School of Management at the University of Minnesota.

Northern States Power Company
State of North Dakota Electric Jurisdiction
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SALES AND REVENUE BY RATE SCHEDULE

Service Schedule	Average Customers	MWH Sales			Test Year Revenue ($1,000s) Summer		Winter		Annual		Increase	
		Summer	Winter	Annual	Present	Proposed	Present	Proposed	Present	Proposed	Amount	Percent
Residential												
Residential	83,111	228,699	540,483	769,182	30,437	37,293	61,655	77,081	92,092	114,375	22,283	24.20%
Residential TOD	40	1,026	2,211	3,237	90	103	181	213	271	316	45	16.67%
Load Management	391	379	3,237	3,616	46	53	286	346	331	399	68	20.45%
Res Total	**83,542**	**230,103**	**545,932**	**776,035**	**30,572**	**37,449**	**62,122**	**77,641**	**92,694**	**115,090**	**22,396**	**24.16%**
C&I - Non-Demand												
Small General	8,198	27,362	64,818	92,180	3,675	4,261	7,589	8,915	11,264	13,176	1,912	16.98%
Small General TOD	721	1,174	2,867	4,041	196	225	402	468	598	693	95	15.94%
Load Management	86	188	1,482	1,671	20	23	134	156	154	179	26	16.84%
C&I N-D Total	**9,005**	**28,724**	**69,167**	**97,891**	**3,891**	**4,509**	**8,124**	**9,540**	**12,015**	**14,049**	**2,034**	**16.92%**
C&I - Demand												
General	3,950	226,468	434,041	660,509	27,482	31,325	46,107	53,278	73,590	84,603	11,013	14.97%
General TOD	202	68,948	121,410	190,358	6,864	7,960	11,011	12,952	17,875	20,912	3,037	16.99%
Peak-Controlled	48	9,974	19,365	29,338	1,092	1,268	1,994	2,319	3,086	3,588	502	16.25%
Peak-Controlled TOD	15	45,620	92,882	138,501	3,570	4,097	6,816	7,862	10,387	11,959	1,572	15.14%
Energy-Controlled	57	80,808	128,403	209,212	6,666	7,930	10,401	12,371	17,067	20,300	3,234	18.95%
C&I Dmd Total	**4,273**	**431,818**	**796,100**	**1,227,918**	**45,674**	**52,580**	**76,330**	**88,782**	**122,004**	**141,362**	**19,357**	**15.87%**
C&I Total	**13,278**	**460,542**	**865,267**	**1,325,809**	**49,566**	**57,089**	**84,454**	**98,322**	**134,019**	**155,410**	**21,391**	**15.96%**
Public Authorities												
Small Mun Pumping	60	215	446	661	29	33	53	62	82	95	14	16.93%
Municipal Pumping	86	4,671	8,614	13,285	593	677	957	1,112	1,550	1,789	239	15.39%
Siren Service	0	0	0	0	0	0	1	1	1	1	0	6.56%
PA Total	**146**	**4,886**	**9,060**	**13,946**	**622**	**711**	**1,011**	**1,175**	**1,633**	**1,885**	**252**	**15.46%**
Lighting												
System Service	0	185	528	714	172	219	347	440	518	659	141	27.17%
Energy	0	2,077	5,926	8,004	245	298	530	634	775	932	157	20.25%
Metered Energy	115	1,099	3,136	4,236	84	99	239	281	323	381	58	17.86%
Protective Lighting	0	715	2,193	2,908	132	148	280	311	412	459	47	11.49%
Lighting Total	**115**	**4,077**	**11,784**	**15,861**	**633**	**764**	**1,395**	**1,667**	**2,028**	**2,431**	**403**	**19.86%**
Total Retail	**97,081**	**699,608**	**1,432,043**	**2,131,650**	**81,393**	**96,013**	**148,982**	**178,804**	**230,375**	**274,817**	**44,442**	**19.29%**
Other Rev Increase					0	38	0	76	0	114	114	
Interdept. Increase												
Total Revenue	**97,081**	**699,608**	**1,432,043**	**2,131,650**	**81,393**	**96,051**	**148,982**	**178,880**	**230,375**	**274,931**	**44,556**	**19.34%**
Interdept Present												
Retail + ID	**97,081**	**699,608**	**1,432,043**	**2,131,650**	**81,393**	**96,051**	**148,982**	**178,880**	**230,375**	**274,931**	**44,556**	**19.34%**

Northern States Power Company
State of North Dakota Electric Jurisdiction
Test Year Ending December 31, 2025

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Exhibit___(NNP-1), Schedule 3

REVENUE BY MAJOR RATE CLASS BY REVENUE TYPE

	Revenue ($1,000s)							
	Total		Base		Fuel		Rider	
	Present	Proposed	Present	Proposed	Present	Proposed	Amount	Proposed
Residential Regular	63,977	79,302	49,165	66,001	12,952	13,300	1,861	0
Res Space Heating	28,777	35,855	21,360	29,192	6,489	6,663	928	0
Total Residential	92,754	115,157	70,525	95,193	19,441	19,964	2,788	0
Small Comm. & Ind.	104,725	121,239	76,565	97,129	24,672	24,110	3,488	0
Large Comm. & Ind.	29,646	34,564	19,578	25,760	8,786	8,804	1,282	0
Total Comm. & Ind.	134,372	155,803	96,144	122,889	33,458	32,914	4,770	0
Street Lighting	1,616	1,972	1,331	1,701	239	271	47	0
Public Authorities	1,633	1,885	1,226	1,540	357	345	50	0
Total Retail	230,375	274,817	169,226	221,323	53,494	53,494	7,655	0
Other Revenues Incr.		114		114				
Interdept Rev Incr		0		0		0		0
Retail + Increases	230,375	274,931	169,226	221,437	53,494	53,494	7,655	0
Interdept Present Rev.	0	0	0	0	0	0	0	0
Retail + Interdept	230,375	274,931	169,226	221,437	53,494	53,494	7,655	0

	Revenue Increase							
	Total		Base		Fuel		Rider	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
Residential Regular	15,324	23.95%	16,836	34.24%	349	2.69%	-1,861	-100.0%
Res Space Heating	7,078	24.60%	7,832	36.67%	174	2.69%	-928	-100.0%
Total Residential	22,403	24.15%	24,668	34.98%	523	2.69%	-2,788	-100.0%
Small Comm. & Ind.	16,514	15.77%	20,564	26.86%	-561	-2.28%	-3,488	-100.0%
Large Comm. & Ind.	4,918	16.59%	6,182	31.57%	17	0.20%	-1,282	-100.0%
Total Comm. & Ind.	21,431	15.95%	26,745	27.82%	-544	-1.63%	-4,770	-100.0%
Street Lighting	355	21.99%	369	27.75%	33	13.65%	-47	-100.0%
Public Authorities	252	15.46%	314	25.61%	-11	-3.21%	-50	-100.0%
Total Retail	44,442	19.29%	52,097	30.79%	0	0.00%	-7,655	-100.0%
Other Revenues Incr.	114		114		0		0	
Interdept Rev Incr	0		0		0		0	
Retail + Increases	44,556	19.34%	52,211	30.85%	0	0.00%	-7,655	-100.0%
Interdept Present Rev.	0		0		0		0	
Retail + Interdept	44,556	19.34%	52,211	30.85%	0	0.00%	-7,655	-100.0%

Northern States Power Company
State of North Dakota Electric Jurisdiction
Test Year Ending December 31, 2025

Case No. PU-24-___
Exhibit___(NNP-1), Schedule 4

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D01 Res OH ResReg Secondary																
Cust Chg	Bills	200,177	399,865	600,042	$15.00	$15.00	$21.50	$21.50	3,003	5,998	9,001	4,304	8,597	12,901	3,900	43.3%
Energy	MWH	135,723	253,963	389,686	$85.48	$69.49	$108.94	$92.95	11,602	17,648	29,250	14,786	23,606	38,392	9,142	31.3%
SvrSwtchAC	MWH	32,866	0	32,866	-$10.00	$0.00	-$10.00	$0.00	-329	0	-329	-329	0	-329	0	0.0%
SvrSwtchWH	MWH	4,944	9,888	14,832	-$2.00	-$2.00	-$2.00	-$2.00	-10	-20	-30	-10	-20	-30	0	0.0%
Fuel Cost	MWH	135,723	253,963	389,686	$24.49	$25.27	$25.15	$25.95	3,324	6,419	9,742	3,413	6,591	10,004	262	2.7%
Riders	MWH	135,723	253,963	389,686	$3.59	$3.59	$0.00	$0.00	487	912	1,399	0	0	0	-1,399	
Total:									18,077	30,957	49,034	22,164	38,774	60,938	11,904	24.3%
D01 Res OH ResSH Secondary																
Cust Chg	Bills	80,208	160,181	240,389	$15.00	$15.00	$21.50	$21.50	1,203	2,403	3,606	1,724	3,444	5,168	1,563	43.3%
Energy	MWH	43,709	168,416	212,126	$85.48	$62.48	$108.94	$85.94	3,736	10,523	14,259	4,762	14,474	19,235	4,976	34.9%
SvrSwtchAC	MWH	4,607	0	4,607	-$10.00	$0.00	-$10.00	$0.00	-46	0	-46	-46	0	-46	0	0.0%
SvrSwtchWH	MWH	1,777	3,534	5,311	-$2.00	-$2.00	-$2.00	-$2.00	-4	-7	-11	-4	-7	-11	0	0.0%
Fuel Cost	MWH	43,709	168,416	212,126	$24.49	$25.27	$25.15	$25.95	1,070	4,257	5,327	1,099	4,371	5,470	143	2.7%
Riders	MWH	43,709	168,416	212,126	$3.59	$3.59	$0.00	$0.00	157	605	762	0	0	0	-762	
Total:									6,117	17,780	23,897	7,536	22,281	29,817	5,920	24.8%
D03 Res UG ResReg Secondary																
Cust Chg	Bills	41,577	83,406	124,983	$15.00	$15.00	$21.50	$21.50	624	1,251	1,875	894	1,793	2,687	812	43.3%
Energy	MWH	40,584	81,138	121,722	$85.48	$69.49	$108.94	$92.95	3,469	5,638	9,107	4,421	7,542	11,963	2,856	31.4%
SvrSwtchAC	MWH	11,148	0	11,148	-$10.00	$0.00	-$10.00	$0.00	-111	0	-111	-111	0	-111	0	0.0%
SvrSwtchWH	MWH	1,572	3,138	4,710	-$2.00	-$2.00	-$2.00	-$2.00	-3	-6	-9	-3	-6	-9	0	0.0%
Fuel Cost	MWH	40,584	81,138	121,722	$24.49	$25.27	$25.15	$25.95	994	2,051	3,045	1,021	2,106	3,126	82	2.7%
Riders	MWH	40,584	81,138	121,722	$3.59	$3.59	$0.00	$0.00	146	291	437	0	0	0	-437	
Total:									5,118	9,225	14,343	6,221	11,434	17,656	3,313	23.1%
D03 Res UG ResSH Secondary																
Cust Chg	Bills	10,650	21,272	31,921	$15.00	$15.00	$21.50	$21.50	160	319	479	229	457	686	207	43.3%
Energy	MWH	8,683	36,965	45,648	$85.48	$62.48	$108.94	$85.94	742	2,310	3,052	946	3,177	4,123	1,071	35.1%
SvrSwtchAC	MWH	1,956	0	1,956	-$10.00	$0.00	-$10.00	$0.00	-20	0	-20	-20	0	-20	0	0.0%
SvrSwtchWH	MWH	516	1,035	1,551	-$2.00	-$2.00	-$2.00	-$2.00	-1	-2	-3	-1	-2	-3	0	0.0%
Fuel Cost	MWH	8,683	36,965	45,648	$24.49	$25.27	$25.15	$25.95	213	934	1,147	218	959	1,178	31	2.7%
Riders	MWH	8,683	36,965	45,648	$3.59	$3.59	$0.00	$0.00	31	133	164	0	0	0	-164	
Total:									1,125	3,694	4,819	1,373	4,591	5,964	1,145	23.8%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D02 Res TOD OH ResReg Secondary																	
Cust Chg		Bills	59	116	175	$17.00	$17.00	$21.50	$21.50	1	2	3	1	2	4	1	26.5%
Energy	On	MWH	110	236	346	$170.70	$127.98	$217.50	$174.78	19	30	49	24	41	65	16	33.1%
Energy	Off	MWH	760	1,425	2,184	$34.50	$34.50	$44.00	$44.00	26	49	75	33	63	96	21	27.5%
Fuel Cost		MWH	870	1,661	2,530	$24.49	$25.27	$25.15	$25.95	21	42	63	22	43	65	2	2.7%
Riders		MWH	870	1,661	2,530	$3.59	$3.59	$0.00	$0.00	3	6	9	0	0	0	-9	
Total:										70	129	200	80	150	230	30	15.2%
D02 Res TOD OH ResSH Secondary																	
Cust Chg		Bills	65	131	196	$17.00	$17.00	$21.50	$21.50	1	2	3	1	3	4	1	26.5%
Energy	On	MWH	46	143	189	$170.70	$112.98	$217.50	$161.64	8	16	24	10	23	33	9	38.0%
Energy	Off	MWH	77	299	376	$34.50	$34.50	$44.00	$44.00	3	10	13	3	13	17	4	27.5%
Fuel Cost		MWH	123	442	565	$24.49	$25.27	$25.15	$25.95	3	11	14	3	11	15	0	2.7%
Riders		MWH	123	442	565	$3.59	$3.59	$0.00	$0.00	0	2	2	0	0	0	-2	
Total:										15	41	56	18	51	68	12	21.1%
D04 Res TOD UG ResReg Secondary																	
Cust Chg		Bills	20	45	65	$17.00	$17.00	$21.50	$21.50	0.34	0.76	1.10	0.43	0.96	1.39	0.29	26.5%
Energy	On	MWH	8	19	27	$170.70	$127.98	$217.50	$174.78	1.38	2.42	3.81	1.76	3.31	5.07	1.27	33.2%
Energy	Off	MWH	17	54	71	$34.50	$34.50	$44.00	$44.00	0.57	1.87	2.44	0.73	2.38	3.11	0.67	27.5%
Fuel Cost		MWH	25	73	98	$24.49	$25.27	$25.15	$25.95	0.60	1.85	2.45	0.62	1.90	2.51	0.07	2.7%
Riders		MWH	25	73	98	$3.59	$3.59	$0.00	$0.00	0.09	0.26	0.35	0.00	0.00	0.00	-0.35	
Total:										2.98	7.16	10.14	3.54	8.54	12.08	1.94	19.2%
D04 Res TOD UG ResSH Secondary																	
Cust Chg		Bills	14	26	39	$17.00	$17.00	$21.50	$21.50	0.23	0.43	0.67	0.29	0.55	0.84	0.18	26.5%
Energy	On	MWH	3	10	13	$170.70	$112.98	$217.50	$161.64	0.53	1.11	1.65	0.68	1.59	2.27	0.63	38.0%
Energy	Off	MWH	6	26	31	$34.50	$34.50	$44.00	$44.00	0.19	0.88	1.08	0.25	1.13	1.37	0.30	27.5%
Fuel Cost		MWH	9	35	44	$24.49	$25.27	$25.15	$25.95	0.21	0.90	1.11	0.22	0.92	1.14	0.03	2.7%
Riders		MWH	9	35	44	$3.59	$3.59	$0.00	$0.00	0.03	0.13	0.16	0.00	0.00	0.00	-0.16	
Total:										1.21	3.45	4.66	1.44	4.19	5.63	0.97	20.8%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D05 EnergyCtrl N/D ResReg Secondary																
Cust Chg	Bills	1,175	2,344	3,518	$5.25	$5.25	$5.25	$5.25	6	12	18	6	12	18	0	0.0%
Energy	MWH	262	2,266	2,528	$49.48	$49.48	$73.54	$73.54	13	112	125	19	167	186	61	48.6%
Opt Energy	MWH	63	500	563	$85.48	$49.48	$108.94	$73.54	5	25	30	7	37	44	13	44.9%
Fuel Cost	MWH	325	2,766	3,090	$24.49	$25.27	$25.15	$25.95	8	70	78	8	72	80	2	2.7%
Riders	MWH	325	2,766	3,090	$3.59	$3.59	$0.00	$0.00	1	10	11	0	0	0	-11	
Total:									34	229	263	40	287	328	65	24.9%
D05 EnergyCtrl N/D ResSH Secondary																
Cust Chg	Bills	0	0	0	$5.25	$5.25	$5.25	$5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Energy	MWH	0	0	0	$49.48	$49.48	$73.54	$73.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Opt Energy	MWH	0	0	0	$85.48	$49.48	$108.94	$73.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Fuel Cost	MWH	0	0	0	$24.49	$25.27	$25.15	$25.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Riders	MWH	0	0	0	$3.59	$3.59	$0.00	$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total:									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
D05 EnergyCtrl N/D Sm C&I Secondary																
Cust Chg	Bills	210	411	621	$5.25	$5.25	$5.25	$5.25	1	2	3	1	2	3	0	0.0%
Energy	MWH	107	762	869	$49.48	$49.48	$73.54	$73.54	5	38	43	8	56	64	21	48.6%
Opt Energy	MWH	50	293	342	$86.39	$49.48	$105.50	$73.54	4	14	19	5	22	27	8	42.6%
Fuel Cost	MWH	157	1,054	1,211	$25.35	$26.16	$24.94	$25.74	4	28	32	4	27	31	-1	-1.6%
Riders	MWH	157	1,054	1,211	$3.59	$3.59	$0.00	$0.00	1	4	4	0	0	0	-4	
Total:									15	86	101	18	107	125	24	23.8%
D10 Limited Off-Peak ResReg Secondary																
Cust Chg	Bills	395	784	1,179	$5.25	$5.25	$5.25	$5.25	2	4	6	2	4	6	0	0.0%
Energy On	MWH	24	82	106	$310.00	$310.00	$310.00	$310.00	8	25	33	8	25	33	0	0.0%
Energy Off	MWH	30	390	419	$34.50	$34.50	$44.00	$44.00	1	13	14	1	17	18	4	27.5%
Fuel Cost	MWH	54	472	526	$24.49	$25.27	$25.15	$25.95	1	12	13	1	12	14	0	2.7%
Riders	MWH	54	472	526	$3.59	$3.59	$0.00	$0.00	0	2	2	0	0	0	-2	
Total:									12	57	69	12	59	71	2	3.6%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D10 Limited Off-Peak ResSH Secondary																	
Cust Chg		Bills	0	0	0	$5.25	$5.25	$5.25	$5.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Energy	On	MWH	0	0	0	$310.00	$310.00	$310.00	$310.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Energy	Off	MWH	0	0	0	$34.50	$34.50	$44.00	$44.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Fuel Cost		MWH	0	0	0	$24.49	$25.27	$25.15	$25.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Riders		MWH	0	0	0	$3.59	$3.59	$0.00	$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total:										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
D10 Limited Off-Peak Sm C&I Secondary																	
Cust Chg		Bills	97	198	295	$5.25	$5.25	$5.25	$5.25	1	1	2	1	1	2	0	0.0%
Cust Chg		Bills	40	81	121	$7.50	$7.50	$7.50	$7.50	0	1	1	0	1	1	0	0.0%
Cust Chg		Bills	0	0	0	$33.00	$33.00	$33.00	$33.00	0	0	0	0	0	0	0	0.0%
Energy	On	MWH	7	68	75	$310.00	$310.00	$310.00	$310.00	2	21	23	2	21	23	0	0.0%
Energy	Off1S	MWH	22	297	318	$34.50	$34.50	$44.00	$44.00	1	10	11	1	13	14	3	27.5%
Energy	Off3S	MWH	3	63	66	$34.50	$34.50	$44.00	$44.00	0	2	2	0	3	3	1	27.5%
Energy	OffP	MWH	0	0	0	$33.60	$33.60	$43.10	$43.10	0	0	0	0	0	0	0	0.0%
Fuel Cost		MWH	32	428	459	$25.35	$26.16	$24.94	$25.74	1	11	12	1	11	12	0	-1.6%
Riders		MWH	32	428	459	$3.59	$3.59	$0.00	$0.00	0	2	2	0	0	0	-2	
Total:										5	48	53	5	50	54	2	3.4%
D12 SmallGen Sm C&I Secondary																	
Cust Chg		Bills	32,799	65,576	98,375	$16.75	$16.75	$22.00	$22.00	549	1,098	1,648	722	1,443	2,164	516	31.3%
Energy		MWH	27,362	64,818	92,180	$86.39	$70.38	$105.50	$89.55	2,364	4,562	6,926	2,887	5,804	8,691	1,765	25.5%
SvrSwtchAC		Tons	5,973	0	5,973	-$5.00	$0.00	-$5.00	$0.00	-30	0	-30	-30	0	-30	0	0.0%
Fuel Cost		MWH	27,362	64,818	92,180	$25.35	$26.16	$24.94	$25.74	694	1,696	2,389	682	1,668	2,351	-38	-1.6%
Riders		MWH	27,362	64,818	92,180	$3.59	$3.59	$0.00	$0.00	98	233	331	0	0	0	-331	
Total:										3,675	7,589	11,264	4,261	8,915	13,176	1,912	17.0%
D40 Small Mun Pumping Public Auth Secondary																	
Cust Chg		Bills	241	482	723	$16.75	$16.75	$22.00	$22.00	4	8	12	5	11	16	4	31.3%
Energy		MWH	215	446	661	$86.39	$70.38	$105.50	$89.55	19	31	50	23	40	63	13	25.3%
Fuel Cost		MWH	215	446	661	$25.35	$26.16	$24.94	$25.74	5	12	17	5	11	17	0	-1.6%
Riders		MWH	215	446	661	$3.59	$3.59	$0.00	$0.00	1	2	2	0	0	0	-2	
Total:										29	53	82	33	62	95	14	16.9%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D14 SmallGen TOD Sm C&I Secondary																
Cust Chg	Bills	1,630	3,238	4,869	$18.75	$18.75	$22.00	$22.00	31	61	91	36	71	107	16	17.3%
Energy On	MWH	540	1,316	1,857	$149.56	$114.06	$180.36	$145.00	81	150	231	97	191	288	57	24.8%
Energy Off	MWH	436	1,149	1,584	$34.50	$34.50	$44.00	$44.00	15	40	55	19	51	70	15	27.5%
SvrSwtchAC	Tons	0	0	0	-$5.00	$0.00	-$5.00	$0.00	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	976	2,465	3,441	$25.35	$26.16	$24.94	$25.74	25	64	89	24	63	88	-1	-1.6%
Riders	MWH	976	2,465	3,441	$3.59	$3.59	$0.00	$0.00	4	9	12	0	0	0	-12	
Total:									155	324	478	177	376	553	74	15.6%
D18 SGS TOD kWh Mtr Sm C&I Secondary																
Cust Chg	Bills	445	855	1,299	$13.75	$13.75	$13.75	$13.75	6	12	18	6	12	18	0	0.0%
Cust Chg	Bills	827	1,655	2,482	$16.75	$16.75	$22.00	$22.00	14	28	42	18	36	55	13	31.3%
LwWattSm	Bills	2,688	5,376	8,064	$0.32	$0.32	$0.33	$0.33	1	2	3	1	2	3	0	3.1%
Energy	MWH	198	402	600	$74.77	$62.35	$91.73	$79.35	15	25	40	18	32	50	10	25.6%
Fuel Cost	MWH	198	402	600	$25.35	$26.16	$24.94	$25.74	5	11	16	5	10	15	0	-1.6%
Riders	MWH	198	402	600	$3.59	$3.59	$0.00	$0.00	1	1	2	0	0	0	-2	
Total:									41	78	120	48	92	140	21	17.5%
D16 General Sm C&I Secondary																
Cust Chg	Bills	15,696	31,437	47,132	$26.10	$26.10	$28.50	$28.50	410	820	1,230	447	896	1,343	113	9.2%
Energy	MWH	210,901	406,294	617,195	$41.93	$41.93	$53.01	$53.01	8,844	17,037	25,880	11,181	21,539	32,720	6,840	26.4%
Energy Cr	MWH	9,832	25,027	34,859	-$12.50	-$12.50	-$14.50	-$14.50	-123	-313	-436	-143	-363	-505	-70	16.0%
SvrSwtchAC	Tons	21,272	0	21,272	-$5.00	$0.00	-$5.00	$0.00	-106	0	-106	-106	0	-106	0	0.0%
Demand	KW	689,329	1,270,537	1,959,866	$15.38	$11.03	$18.56	$14.21	10,602	14,014	24,616	12,794	18,054	30,848	6,232	25.3%
Fuel Cost	MWH	210,901	406,294	617,195	$25.56	$25.56	$24.71	$24.71	5,390	10,383	15,773	5,212	10,042	15,254	-519	-3.3%
Riders	KW	689,329	1,270,537	1,959,866	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders	MWH	210,901	406,294	617,195	$3.59	$3.59	$0.00	$0.00	757	1,459	2,216	0	0	0	-2,216	
Total:									25,773	43,401	69,174	29,385	50,168	79,554	10,380	15.0%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D16 General Lg C&I Secondary																
Cust Chg	Bills	21	41	62	$26.10	$26.10	$28.50	$28.50	1	1	2	1	1	2	0	9.2%
Energy	MWH	13,166	23,573	36,739	$41.93	$41.93	$53.01	$53.01	552	988	1,541	698	1,250	1,948	407	26.4%
Energy Cr	MWH	877	1,757	2,634	-$12.50	-$12.50	-$14.50	-$14.50	-11	-22	-33	-13	-25	-38	-5	16.0%
SvrSwtchAC	Tons	0	0	0	-$5.00	$0.00	-$5.00	$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	33,873	58,801	92,673	$15.38	$11.03	$18.56	$14.21	521	649	1,170	629	836	1,464	295	25.2%
Fuel Cost	MWH	13,166	23,573	36,739	$25.56	$25.56	$24.71	$24.71	336	602	939	325	583	908	-31	-3.3%
Riders	KW	33,873	58,801	92,673	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders	MWH	13,166	23,573	36,739	$3.59	$3.59	$0.00	$0.00	47	85	132	0	0	0	-132	
Total:									1,446	2,303	3,750	1,640	2,644	4,284	534	14.2%
D41 Municipal Pumping Public Auth Secondary																
Cust Chg	Bills	342	687	1,028	$26.10	$26.10	$28.50	$28.50	9	18	27	10	20	29	2	9.2%
Energy	MWH	4,671	8,614	13,285	$41.93	$41.93	$53.01	$53.01	196	361	557	248	457	704	147	26.4%
Energy Cr	MWH	413	706	1,119	-$12.50	-$12.50	-$14.50	-$14.50	-5	-9	-14	-6	-10	-16	-2	16.0%
Demand	KW	16,715	30,467	47,182	$15.38	$11.03	$18.56	$14.21	257	336	593	310	433	743	150	25.3%
Fuel Cost	MWH	4,671	8,614	13,285	$25.56	$25.56	$24.71	$24.71	119	220	340	115	213	328	-11	-3.3%
Riders	KW	16,715	30,467	47,182	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders	MWH	4,671	8,614	13,285	$3.59	$3.59	$0.00	$0.00	17	31	48	0	0	0	-48	
Total:									593	957	1,550	677	1,112	1,789	239	15.4%
D16 General Sm C&I Primary																
Cust Chg	Bills	64	130	194	$26.10	$26.10	$28.50	$28.50	2	3	5	2	4	6	0	9.2%
Energy	MWH	1,797	3,831	5,628	$41.03	$41.03	$52.11	$52.11	74	157	231	94	200	293	62	27.0%
Energy Cr	MWH	274	673	947	-$12.50	-$12.50	-$14.50	-$14.50	-3	-8	-12	-4	-10	-14	-2	16.0%
SvrSwtchAC	Tons	0	0	0	-$5.00	$0.00	-$5.00	$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	4,389	8,938	13,328	$14.88	$10.53	$18.16	$13.81	65	94	159	80	123	203	44	27.4%
Fuel Cost	MWH	1,797	3,831	5,628	$25.56	$25.56	$24.71	$24.71	46	98	144	44	95	139	-5	-3.3%
Riders	KW	4,389	8,938	13,328	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders	MWH	1,797	3,831	5,628	$3.59	$3.59	$0.00	$0.00	6	14	20	0	0	0	-20	
Total:									190	358	548	216	412	627	80	14.6%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D16 General Lg C&I Primary																
Cust Chg	Bills	4	8	12	$26.10	$26.10	$28.50	$28.50	0	0	0	0	0	0	0	9.2%
Energy	MWH	604	343	947	$41.03	$41.03	$52.11	$52.11	25	14	39	31	18	49	10	27.0%
Energy Cr	MWH	0	0	0	-$12.50	-$12.50	-$14.50	-$14.50	0	0	0	0	0	0	0	0.0%
SvrSwtchAC	Tons	0	0	0	-$5.00	$0.00	-$5.00	$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	2,078	1,998	4,075	$14.88	$10.53	$18.16	$13.81	31	21	52	38	28	65	13	25.7%
Fuel Cost	MWH	604	343	947	$25.56	$25.56	$24.71	$24.71	15	9	24	15	8	23	-1	-3.3%
Riders	KW	2,078	1,998	4,075	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders	MWH	604	343	947	$3.59	$3.59	$0.00	$0.00	2	1	3	0	0	0	-3	
Total:									73	45	119	84	54	138	20	16.6%
D41 Municipal Pumping Public Auth Primary																
Cust Chg	Bills	0	0	0	$26.10	$26.10	$28.50	$28.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Energy	MWH	0	0	0	$41.03	$41.03	$52.11	$52.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Energy Cr	MWH	0	0	0	-$12.50	-$12.50	-$14.50	-$14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Demand	KW	0	0	0	$14.88	$10.53	$18.16	$13.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Fuel Cost	MWH	0	0	0	$25.56	$25.56	$24.71	$24.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Riders	KW	0	0	0	$0.00	$0.00	$0.00	$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Riders	MWH	0	0	0	$3.59	$3.59	$0.00	$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Total:									0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
D17 General TOD Sm C&I Secondary																
Cust Chg	Bills	776	1,544	2,320	$29.10	$29.10	$31.50	$31.50	23	45	68	24	49	73	6	8.2%
Energy On	MWH	12,163	24,009	36,172	$56.74	$56.74	$74.71	$74.71	690	1,362	2,052	909	1,794	2,702	650	31.7%
Energy Off	MWH	19,705	37,528	57,233	$30.18	$30.18	$39.74	$39.74	595	1,133	1,727	783	1,491	2,274	547	31.7%
Energy Cr	MWH	4,846	9,784	14,630	-$12.50	-$12.50	-$14.50	-$14.50	-61	-122	-183	-70	-142	-212	-29	16.0%
SvrSwtchAC	Tons	925	0	925	-$5.00	$0.00	-$5.00	$0.00	-5	0	-5	-5	0	-5	0	0.0%
Demand	KW	72,433	141,615	214,048	$15.38	$11.03	$18.56	$14.21	1,114	1,562	2,676	1,344	2,012	3,357	681	25.4%
Off Dmd	KW	1,741	3,660	5,401	$2.10	$2.10	$2.60	$2.60	4	8	11	5	10	14	3	23.8%
Fuel Cost On	MWH	12,163	24,009	36,172	$32.12	$32.12	$30.71	$30.71	391	771	1,162	373	737	1,111	-51	-4.4%
Fuel Cost Off	MWH	19,705	37,528	57,233	$19.96	$19.96	$21.05	$21.05	393	749	1,142	415	790	1,205	62	5.4%
Riders	KW	74,174	145,274	219,449	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders	MWH	31,868	61,537	93,405	$3.59	$3.59	$0.00	$0.00	114	221	335	0	0	0	-335	
Total:									3,258	5,728	8,987	3,778	6,741	10,519	1,533	17.1%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D17 General TOD Lg C&I Secondary																	
Cust Chg		Bills	12	24	36	$29.10	$29.10	$31.50	$31.50	0	1	1	0	1	1	0	8.2%
Energy	On	MWH	10,015	16,418	26,433	$56.74	$56.74	$74.71	$74.71	568	932	1,500	748	1,227	1,975	475	31.7%
Energy	Off	MWH	14,773	21,965	36,738	$30.18	$30.18	$39.74	$39.74	446	663	1,109	587	873	1,460	351	31.7%
Energy Cr		MWH	4,087	8,090	12,178	-$12.50	-$12.50	-$14.50	-$14.50	-51	-101	-152	-59	-117	-177	-24	16.0%
SvrSwtchAC		Tons	0	0	0	-$5.00	$0.00	-$5.00	$0.00	0	0	0	0	0	0	0	0.0%
Demand		KW	52,534	81,867	134,401	$15.38	$11.03	$18.56	$14.21	808	903	1,711	975	1,163	2,138	427	25.0%
Off Dmd		KW	38	197	235	$2.10	$2.10	$2.60	$2.60	0	0	0	0	1	1	0	23.8%
Fuel Cost	On	MWH	10,015	16,418	26,433	$32.12	$32.12	$30.71	$30.71	322	527	849	308	504	812	-37	-4.4%
Fuel Cost	Off	MWH	14,773	21,965	36,738	$19.96	$19.96	$21.05	$21.05	295	438	733	311	462	773	40	5.4%
Riders		KW	52,572	82,064	134,636	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	24,788	38,383	63,171	$3.59	$3.59	$0.00	$0.00	89	138	227	0	0	0	-227	
Total:										2,477	3,501	5,978	2,870	4,113	6,983	1,005	16.8%
D17 General TOD Sm C&I Primary																	
Cust Chg		Bills	15	26	40	$29.10	$29.10	$31.50	$31.50	0	1	1	0	1	1	0	8.2%
Energy	On	MWH	707	1,198	1,905	$55.84	$55.84	$73.81	$73.81	39	67	106	52	88	141	34	32.2%
Energy	Off	MWH	1,177	2,064	3,241	$29.28	$29.28	$38.84	$38.84	34	60	95	46	80	126	31	32.7%
Energy Cr		MWH	380	652	1,032	-$12.50	-$12.50	-$14.50	-$14.50	-5	-8	-13	-6	-9	-15	-2	16.0%
SvrSwtchAC		Tons	0	0	0	-$5.00	$0.00	-$5.00	$0.00	0	0	0	0	0	0	0	0.0%
Demand		KW	3,793	6,263	10,056	$14.88	$10.53	$18.16	$13.81	56	66	122	69	86	155	33	26.9%
Off Dmd		KW	0	6	6	$1.60	$1.60	$2.20	$2.20	0	0	0	0	0	0	0	37.5%
Fuel Cost	On	MWH	707	1,198	1,905	$32.12	$32.12	$30.71	$30.71	23	38	61	22	37	59	-3	-4.4%
Fuel Cost	Off	MWH	1,177	2,064	3,241	$19.96	$19.96	$21.05	$21.05	23	41	65	25	43	68	4	5.4%
Riders		KW	3,793	6,269	10,062	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	1,884	3,262	5,146	$3.59	$3.59	$0.00	$0.00	7	12	18	0	0	0	-18	
Total:										179	277	456	208	327	535	79	17.2%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D17 General TOD Lg C&I Primary																	
Cust Chg		Bills	11	22	33	$29.10	$29.10	$31.50	$31.50	0	1	1	0	1	1	0	8.2%
Energy		MWH	3,734	6,542	10,275	$55.84	$55.84	$73.81	$73.81	208	365	574	276	483	758	185	32.2%
Energy	On	MWH	6,675	11,686	18,361	$29.28	$29.28	$38.84	$38.84	195	342	538	259	454	713	176	32.7%
Energy Cr	Off	MWH	2,649	4,839	7,488	-$12.50	-$12.50	-$14.50	-$14.50	-33	-60	-94	-38	-70	-109	-15	16.0%
SvrSwtchAC		Tons	0	0	0	-$5.00	$0.00	-$5.00	$0.00	0	0	0	0	0	0	0	0.0%
Demand		KW	19,333	33,057	52,390	$14.88	$10.53	$18.16	$13.81	288	348	636	351	457	808	172	27.0%
Off Dmd		KW	89	241	330	$1.60	$1.60	$2.20	$2.20	0	0	1	0	1	1	0	37.5%
Fuel Cost	On	MWH	3,734	6,542	10,275	$32.12	$32.12	$30.71	$30.71	120	210	330	115	201	316	-14	-4.4%
Fuel Cost	Off	MWH	6,675	11,686	18,361	$19.96	$19.96	$21.05	$21.05	133	233	366	140	246	386	20	5.4%
Riders		KW	19,421	33,299	52,720	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	10,408	18,227	28,636	$3.59	$3.59	$0.00	$0.00	37	65	103	0	0	0	-103	
Total:										949	1,505	2,454	1,103	1,771	2,874	420	17.1%
D20 Peak-Ctrl Tier Sm C&I Secondary																	
Cust Chg		Bills	191	378	569	$58.00	$58.00	$58.00	$58.00	11	22	33	11	22	33	0	0.0%
Energy		MWH	9,063	17,829	26,892	$41.93	$41.93	$53.01	$53.01	380	748	1,128	480	945	1,426	298	26.4%
Energy Cr		MWH	305	760	1,065	-$12.50	-$12.50	-$14.50	-$14.50	-4	-9	-13	-4	-11	-15	-2	16.0%
Demand		KW	7,797	13,692	21,489	$15.38	$11.03	$18.56	$14.21	120	151	271	145	195	339	68	25.2%
Control Dmd	2A	KW	9,651	19,618	29,269	$9.23	$9.23	$12.24	$12.24	89	181	270	118	240	358	88	32.6%
Control Dmd	2B	KW	11,847	20,795	32,642	$8.49	$8.49	$11.45	$11.45	101	177	277	136	238	374	97	34.9%
Control Dmd	2C	KW	3,558	5,884	9,442	$8.02	$8.02	$10.97	$10.97	29	47	76	39	65	104	28	36.8%
Control Dmd	1A	KW	0	0	0	$8.64	$8.64	$11.63	$11.63	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	0	0	0	$7.80	$7.80	$10.74	$10.74	0	0	0	0	0	0	0	0.0%
Control Dmd	1C	KW	421	801	1,221	$7.21	$7.21	$10.12	$10.12	3	6	9	4	8	12	4	40.4%
Fuel Cost		MWH	9,063	17,829	26,892	$25.56	$25.56	$24.71	$24.71	232	456	687	224	441	665	-23	-3.3%
Riders		KW	33,273	60,790	94,063	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	9,063	17,829	26,892	$3.59	$3.59	$0.00	$0.00	33	64	97	0	0	0	-97	
Total:										993	1,841	2,834	1,153	2,142	3,295	461	16.3%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D20 Peak-Ctrl Tier Sm C&I Primary																	
Cust Chg		Bills	4	8	12	$58.00	$58.00	$58.00	$58.00	0	0	1	0	0	1	0	0.0%
Energy		MWH	911	1,535	2,446	$41.03	$41.03	$52.11	$52.11	37	63	100	47	80	127	27	27.0%
Energy Cr		MWH	0	0	0	-$12.50	-$12.50	-$14.50	-$14.50	0	0	0	0	0	0	0	0.0%
Demand		KW	1,490	2,794	4,285	$14.88	$10.53	$18.16	$13.81	22	29	52	27	39	66	14	27.2%
Control Dmd	2A	KW	1,542	1,684	3,226	$8.73	$8.73	$11.84	$11.84	13	15	28	18	20	38	10	35.6%
Control Dmd	2B	KW	0	0	0	$7.99	$7.99	$11.05	$11.05	0	0	0	0	0	0	0	0.0%
Control Dmd	2C	KW	0	0	0	$7.52	$7.52	$10.57	$10.57	0	0	0	0	0	0	0	0.0%
Control Dmd	1A	KW	0	0	0	$8.14	$8.14	$11.23	$11.23	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	0	0	0	$7.30	$7.30	$10.34	$10.34	0	0	0	0	0	0	0	0.0%
Control Dmd	1C	KW	0	0	0	$6.71	$6.71	$9.72	$9.72	0	0	0	0	0	0	0	0.0%
Fuel Cost		MWH	911	1,535	2,446	$25.56	$25.56	$24.71	$24.71	23	39	63	23	38	60	-2	-3.3%
Riders		KW	3,033	4,478	7,511	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	911	1,535	2,446	$3.59	$3.59	$0.00	$0.00	3	6	9	0	0	0	-9	
Total:										100	152	252	116	177	293	40	16.0%
D21 Peak-Ctrl Tier TOD Sm C&I Secondary																	
Cust Chg		Bills	36	72	109	$58.00	$58.00	$58.00	$58.00	2	4	6	2	4	6	0	0.0%
Energy	On	MWH	1,068	1,923	2,991	$56.74	$56.74	$74.71	$74.71	61	109	170	80	144	223	54	31.7%
Energy	Off	MWH	1,371	2,821	4,192	$30.18	$30.18	$39.74	$39.74	41	85	127	54	112	167	40	31.7%
Energy Cr		MWH	111	258	368	-$12.50	-$12.50	-$14.50	-$14.50	-1	-3	-5	-2	-4	-5	-1	16.0%
Demand		KW	3,444	6,343	9,787	$15.38	$11.03	$18.56	$14.21	53	70	123	64	90	154	31	25.3%
Off Dmd		KW	62	256	318	$2.10	$2.10	$2.60	$2.60	0	1	1	0	1	1	0	23.8%
Control Dmd	2A	KW	0	0	0	$9.23	$9.23	$12.24	$12.24	0	0	0	0	0	0	0	0.0%
Control Dmd	2B	KW	0	0	0	$8.49	$8.49	$11.45	$11.45	0	0	0	0	0	0	0	0.0%
Control Dmd	2C	KW	0	0	0	$8.02	$8.02	$10.97	$10.97	0	0	0	0	0	0	0	0.0%
Control Dmd	1A	KW	0	0	0	$8.64	$8.64	$11.63	$11.63	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	0	0	0	$7.80	$7.80	$10.74	$10.74	0	0	0	0	0	0	0	0.0%
Control Dmd	1C	KW	0	0	0	$7.21	$7.21	$10.12	$10.12	0	0	0	0	0	0	0	0.0%
Fuel Cost	On	MWH	1,068	1,923	2,991	$32.12	$32.12	$30.71	$30.71	34	62	96	33	59	92	-4	-4.4%
Fuel Cost	Off	MWH	1,371	2,821	4,192	$19.96	$19.96	$21.05	$21.05	27	56	84	29	59	88	5	5.4%
Riders		KW	3,506	6,599	10,105	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	2,439	4,744	7,183	$3.59	$3.59	$0.00	$0.00	9	17	26	0	0	0	-26	
Total:										226	401	627	260	465	726	99	15.8%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D21 Peak-Ctrl Tier TOD Lg C&I Secondary																	
Cust Chg		Bills	16	32	48	$58.00	$58.00	$58.00	$58.00	1	2	3	1	2	3	0	0.0%
Energy	On	MWH	12,736	26,195	38,931	$56.74	$56.74	$74.71	$74.71	723	1,486	2,209	952	1,957	2,909	700	31.7%
Energy	Off	MWH	23,841	48,161	72,002	$30.18	$30.18	$39.74	$39.74	720	1,453	2,173	947	1,914	2,861	688	31.7%
Energy Cr		MWH	8,980	20,469	29,449	-$12.50	-$12.50	-$14.50	-$14.50	-112	-256	-368	-130	-297	-427	-59	16.0%
Demand		KW	35,935	67,941	103,876	$15.38	$11.03	$18.56	$14.21	553	749	1,302	667	965	1,632	330	25.4%
Off Dmd		KW	135	406	541	$2.10	$2.10	$2.60	$2.60	0	1	1	0	1	1	0	23.8%
Control Dmd	2A	KW	0	0	0	$9.23	$9.23	$12.24	$12.24	0	0	0	0	0	0	0	0.0%
Control Dmd	2B	KW	0	0	0	$8.49	$8.49	$11.45	$11.45	0	0	0	0	0	0	0	0.0%
Control Dmd	2C	KW	0	0	0	$8.02	$8.02	$10.97	$10.97	0	0	0	0	0	0	0	0.0%
Control Dmd	1A	KW	0	0	0	$8.64	$8.64	$11.63	$11.63	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	0	0	0	$7.80	$7.80	$10.74	$10.74	0	0	0	0	0	0	0	0.0%
Control Dmd	1C	KW	0	0	0	$7.21	$7.21	$10.12	$10.12	0	0	0	0	0	0	0	0.0%
AnnMinDmd		MWH	595	1,784	2,379	$1.00	$1.00	$1.35	$1.35	1	2	2	1	2	3	1	35.0%
Fuel Cost	On	MWH	12,736	26,195	38,931	$32.12	$32.12	$30.71	$30.71	409	841	1,250	391	804	1,195	-55	-4.4%
Fuel Cost	Off	MWH	23,841	48,161	72,002	$19.96	$19.96	$21.05	$21.05	476	961	1,437	502	1,014	1,515	78	5.4%
Riders		KW	36,070	68,348	104,418	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	36,577	74,356	110,933	$3.59	$3.59	$0.00	$0.00	131	267	398	0	0	0	-398	
Total:										2,901	5,507	8,408	3,331	6,363	9,694	1,286	15.3%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D21 Peak-Ctrl Tier TOD Sm C&I Primary																	
Cust Chg		Bills	8	16	24	$58.00	$58.00	$58.00	$58.00	0	1	1	0	1	1	0	0.0%
Energy	On	MWH	622	1,408	2,029	$55.84	$55.84	$73.81	$73.81	35	79	113	46	104	150	36	32.2%
Energy	Off	MWH	1,114	2,577	3,692	$29.28	$29.28	$38.84	$38.84	33	75	108	43	100	143	35	32.7%
Energy Cr		MWH	356	927	1,283	-$12.50	-$12.50	-$14.50	-$14.50	-4	-12	-16	-5	-13	-19	-3	16.0%
Demand		KW	802	883	1,685	$14.88	$10.53	$18.16	$13.81	12	9	21	15	12	27	6	26.0%
Off Dmd		KW	125	154	280	$1.60	$1.60	$2.20	$2.20	0	0	0	0	0	1	0	37.5%
Control Dmd	2A	KW	0	0	0	$8.73	$8.73	$11.84	$11.84	0	0	0	0	0	0	0	0.0%
Control Dmd	2B	KW	0	0	0	$7.99	$7.99	$11.05	$11.05	0	0	0	0	0	0	0	0.0%
Control Dmd	2C	KW	0	0	0	$7.52	$7.52	$10.57	$10.57	0	0	0	0	0	0	0	0.0%
Control Dmd	1A	KW	0	0	0	$8.14	$8.14	$11.23	$11.23	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	0	0	0	$7.30	$7.30	$10.34	$10.34	0	0	0	0	0	0	0	0.0%
Control Dmd	1C	KW	0	0	0	$6.71	$6.71	$9.72	$9.72	0	0	0	0	0	0	0	0.0%
Fuel Cost	On	MWH	622	1,408	2,029	$32.12	$32.12	$30.71	$30.71	20	45	65	19	43	62	-3	-4.4%
Fuel Cost	Off	MWH	1,114	2,577	3,692	$19.96	$19.96	$21.05	$21.05	22	51	74	23	54	78	4	5.4%
Riders		KW	927	1,038	1,965	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	1,736	3,985	5,721	$3.59	$3.59	$0.00	$0.00	6	14	21	0	0	0	-21	
Total:										124	264	388	142	301	443	55	14.3%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D21 Peak-Ctrl Tier TOD Lg C&I Primary																	
Cust Chg		Bills	0	0	0	$58.00	$58.00	$58.00	$58.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Energy	On	MWH	1,615	3,264	4,880	$55.84	$55.84	$73.81	$73.81	90.19	182.29	272.47	119.21	240.95	360.16	87.69	32.2%
Energy	Off	MWH	3,253	6,533	9,785	$29.28	$29.28	$38.84	$38.84	95.24	191.27	286.51	126.33	253.73	380.06	93.55	32.7%
Energy Cr		MWH	0	0	0	-$12.50	-$12.50	-$14.50	-$14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Demand		KW	0	0	0	$14.88	$10.53	$18.16	$13.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Off Dmd		KW	0	0	0	$1.60	$1.60	$2.20	$2.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Control Dmd	2A	KW	0	0	0	$8.73	$8.73	$11.84	$11.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Control Dmd	2B	KW	0	0	0	$7.99	$7.99	$11.05	$11.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Control Dmd	2C	KW	0	0	0	$7.52	$7.52	$10.57	$10.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Control Dmd	1A	KW	0	0	0	$8.14	$8.14	$11.23	$11.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Control Dmd	1B	KW	0	0	0	$7.30	$7.30	$10.34	$10.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Control Dmd	1C	KW	0	0	0	$6.71	$6.71	$9.72	$9.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0%
Fuel Cost	On	MWH	1,615	3,264	4,880	$32.12	$32.12	$30.71	$30.71	51.87	104.84	156.71	49.60	100.24	149.84	-6.87	-4.4%
Fuel Cost	Off	MWH	3,253	6,533	9,785	$19.96	$19.96	$21.05	$21.05	64.92	130.39	195.31	68.46	137.49	205.95	10.64	5.4%
Riders		KW	0	0	0	$0.00	$0.00	$0.00	$0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Riders		MWH	4,868	9,797	14,665	$3.59	$3.59	$0.00	$0.00	17.48	35.18	52.66	0.00	0.00	0.00	-52.66	
Total:										319.70	643.97	963.67	363.60	732.41	1,096.01	132.34	13.7%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D22 Energy-Control Rider Sm C&I Secondary																	
Cust Chg		Bills	205	407	612	$58.00	$58.00	$58.00	$58.00	12	24	36	12	24	36	0	0.0%
Energy	On	MWH	1,534	2,486	4,020	$56.74	$56.74	$74.71	$74.71	87	141	228	115	186	300	72	31.7%
Energy	OnC	MWH	14,183	23,871	38,054	$54.54	$54.54	$72.45	$72.45	774	1,302	2,075	1,028	1,729	2,757	682	32.8%
Energy	Off	MWH	2,560	4,260	6,820	$30.18	$30.18	$39.74	$39.74	77	129	206	102	169	271	65	31.7%
Energy	OffC	MWH	20,076	34,791	54,867	$29.18	$29.18	$38.74	$38.74	586	1,015	1,601	778	1,348	2,126	525	32.8%
Energy Cr		MWH	5,196	10,441	15,636	-$12.50	-$12.50	-$14.50	-$14.50	-65	-131	-195	-75	-151	-227	-31	16.0%
Demand		KW	6,456	8,583	15,038	$15.38	$11.03	$18.56	$14.21	99	95	194	120	122	242	48	24.7%
Off Dmd		KW	1,641	3,189	4,831	$2.10	$2.10	$2.60	$2.60	3	7	10	4	8	13	2	23.8%
Control Dmd	1A	KW	863	12,187	13,050	$8.64	$8.64	$11.63	$11.63	7	105	113	10	142	152	39	34.6%
Control Dmd	1B	KW	27,804	53,723	81,527	$7.80	$7.80	$10.74	$10.74	217	419	636	299	577	876	240	37.7%
Control Dmd	1C	KW	53,446	75,792	129,238	$7.21	$7.21	$10.12	$10.12	385	546	932	541	767	1,308	376	40.4%
AnnMinDmd		KW	1,196	2,391	3,587	$1.00	$1.00	$1.35	$1.35	1	2	4	2	3	5	1	35.0%
Fuel Cost	On	MWH	15,717	26,357	42,074	$32.12	$32.12	$30.71	$30.71	505	846	1,351	483	809	1,292	-59	-4.4%
Fuel Cost	Off	MWH	22,636	39,051	61,687	$19.96	$19.96	$21.05	$21.05	452	779	1,231	476	822	1,298	67	5.4%
Riders		KW	90,210	153,473	243,684	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	38,353	65,408	103,761	$3.59	$3.59	$0.00	$0.00	138	235	373	0	0	0	-373	
Total:										3,279	5,515	8,794	3,893	6,555	10,448	1,654	18.8%

Northern States Power Company
State of North Dakota Electric Jurisdiction
Test Year Ending December 31, 2025

Case No. PU-24-___
Exhibit___(NNP-1), Schedule 4

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D22 Energy-Control Rider Lg C&I Secondary																	
Cust Chg		Bills	0	0	0	$58.00	$58.00	$58.00	$58.00	0	0	0	0	0	0	0	0.0%
Energy	On	MWH	0	0	0	$56.74	$56.74	$74.71	$74.71	0	0	0	0	0	0	0	0.0%
Energy	OnC	MWH	2,073	3,418	5,491	$54.54	$54.54	$72.45	$72.45	113	186	299	150	248	398	98	32.8%
Energy	Off	MWH	0	0	0	$30.18	$30.18	$39.74	$39.74	0	0	0	0	0	0	0	0.0%
Energy	OffC	MWH	2,676	4,852	7,528	$29.18	$29.18	$38.74	$38.74	78	142	220	104	188	292	72	32.8%
Energy Cr		MWH	483	1,147	1,630	-$12.50	-$12.50	-$14.50	-$14.50	-6	-14	-20	-7	-17	-24	-3	16.0%
Demand		KW	0	0	0	$15.38	$11.03	$18.56	$14.21	0	0	0	0	0	0	0	0.0%
Off Dmd		KW	258	1,122	1,379	$2.10	$2.10	$2.60	$2.60	1	2	3	1	3	4	1	23.8%
Control Dmd	1A	KW	0	0	0	$8.64	$8.64	$11.63	$11.63	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	1,356	3,108	4,464	$7.80	$7.80	$10.74	$10.74	11	24	35	15	33	48	13	37.7%
Control Dmd	1C	KW	10,798	16,021	26,819	$7.21	$7.21	$10.12	$10.12	78	116	193	109	162	271	78	40.4%
AnnMinDmd		KW	0	0	0	$1.00	$1.00	$1.35	$1.35	0	0	0	0	0	0	0	0.0%
Fuel Cost	On	MWH	2,073	3,418	5,491	$32.12	$32.12	$30.71	$30.71	67	110	176	64	105	169	-8	-4.4%
Fuel Cost	Off	MWH	2,676	4,852	7,528	$19.96	$19.96	$21.05	$21.05	53	97	150	56	102	158	8	5.4%
Riders		KW	12,412	20,250	32,662	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	4,749	8,270	13,019	$3.59	$3.59	$0.00	$0.00	17	30	47	0	0	0	-47	
Total:										411	692	1,103	491	824	1,316	213	19.3%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge		Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
			Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D22 Energy-Control Rider Sm C&I Primary																	
Cust Chg		Bills	8	16	24	$58.00	$58.00	$58.00	$58.00	0	1	1	0	1	1	0	0.0%
Energy	On	MWH	0	0	0	$55.84	$55.84	$73.81	$73.81	0	0	0	0	0	0	0	0.0%
Energy	OnC	MWH	615	892	1,507	$53.64	$53.64	$71.55	$71.55	33	48	81	44	64	108	27	33.4%
Energy	Off	MWH	0	0	0	$29.28	$29.28	$38.84	$38.84	0	0	0	0	0	0	0	0.0%
Energy	OffC	MWH	831	1,306	2,137	$28.28	$28.28	$37.84	$37.84	24	37	60	31	49	81	20	33.8%
Energy Cr		MWH	61	281	342	-$12.50	-$12.50	-$14.50	-$14.50	-1	-4	-4	-1	-4	-5	-1	16.0%
Demand		KW	0	0	0	$14.88	$10.53	$18.16	$13.81	0	0	0	0	0	0	0	0.0%
Off Dmd		KW	0	7	7	$1.60	$1.60	$2.20	$2.20	0	0	0	0	0	0	0	37.5%
Control Dmd	1A	KW	0	0	0	$8.14	$8.14	$11.23	$11.23	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	106	0	106	$7.30	$7.30	$10.34	$10.34	1	0	1	1	0	1	0	41.6%
Control Dmd	1C	KW	3,465	4,830	8,294	$6.71	$6.71	$9.72	$9.72	23	32	56	34	47	81	25	44.9%
Fuel Cost	On	MWH	615	892	1,507	$32.12	$32.12	$30.71	$30.71	20	29	48	19	27	46	-2	-4.4%
Fuel Cost	Off	MWH	831	1,306	2,137	$19.96	$19.96	$21.05	$21.05	17	26	43	17	27	45	2	5.4%
Riders		KW	3,570	4,836	8,407	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	1,447	2,198	3,645	$3.59	$3.59	$0.00	$0.00	5	8	13	0	0	0	-13	
Total:										122	177	299	146	212	358	59	19.8%
D22 Energy-Control Rider Lg C&I Primary																	
Cust Chg		Bills	16	32	48	$58.00	$58.00	$58.00	$58.00	1	2	3	1	2	3	0	0.0%
Energy	On	MWH	601	1,171	1,773	$55.84	$55.84	$73.81	$73.81	34	65	99	44	86	131	32	32.2%
Energy	OnC	MWH	13,178	18,469	31,647	$53.64	$53.64	$71.55	$71.55	707	991	1,698	943	1,321	2,264	567	33.4%
Energy	Off	MWH	1,121	2,210	3,331	$29.28	$29.28	$38.84	$38.84	33	65	98	44	86	129	32	32.7%
Energy	OffC	MWH	21,360	30,676	52,036	$28.28	$28.28	$37.84	$37.84	604	868	1,472	808	1,161	1,969	497	33.8%
Energy Cr		MWH	7,455	13,556	21,012	-$12.50	-$12.50	-$14.50	-$14.50	-93	-169	-263	-108	-197	-305	-42	16.0%
Demand		KW	3,395	5,349	8,744	$14.88	$10.53	$18.16	$13.81	51	56	107	62	74	136	29	26.8%
Off Dmd		KW	275	475	751	$1.60	$1.60	$2.20	$2.20	0	1	1	1	1	2	0	37.5%
Control Dmd	1A	KW	0	0	0	$8.14	$8.14	$11.23	$11.23	0	0	0	0	0	0	0	0.0%
Control Dmd	1B	KW	42,258	49,264	91,522	$7.30	$7.30	$10.34	$10.34	308	360	668	437	509	946	278	41.6%
Control Dmd	1C	KW	28,037	45,232	73,269	$6.71	$6.71	$9.72	$9.72	188	304	492	273	440	712	221	44.9%
Fuel Cost	On	MWH	13,779	19,640	33,420	$32.12	$32.12	$30.71	$30.71	443	631	1,073	423	603	1,026	-47	-4.4%
Fuel Cost	Off	MWH	22,481	32,887	55,367	$19.96	$19.96	$21.05	$21.05	449	656	1,105	473	692	1,165	60	5.4%
Riders		KW	73,966	100,320	174,285	$0.00	$0.00	$0.00	$0.00	0	0	0	0	0	0	0	
Riders		MWH	36,260	52,527	88,787	$3.59	$3.59	$0.00	$0.00	130	189	319	0	0	0	-319	
Total:										2,854	4,017	6,871	3,400	4,779	8,179	1,308	19.0%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D42 Siren Service Public Auth Secondary																
HP	HP	582	1,164	1,745	$0.61	$0.61	$0.65	$0.65	0	1	1	0	1	1	0	6.6%
Total:									0	1	1	0	1	1	0	6.6%
D11 Protective Ltg ResReg Secondary																
A100S	Lts	1,185	2,370	3,556	$7.88	$7.88	$9.01	$9.01	9	19	28	11	21	32	4	14.3%
A175M	Lts	210	419	629	$7.88	$7.88	$9.01	$9.01	2	3	5	2	4	6	1	14.3%
A250S	Lts	74	149	223	$13.13	$13.13	$15.00	$15.00	1	2	3	1	2	3	0	14.2%
A400M	Lts	10	20	30	$13.13	$13.13	$15.00	$15.00	0	0	0	0	0	0	0	14.2%
A33LED	Lts	630	1,260	1,890	$6.76	$6.76	$7.89	$7.89	4	9	13	5	10	15	2	16.7%
A129LED	Lts	7	14	20	$11.42	$11.42	$13.29	$13.29	0	0	0	0	0	0	0	16.4%
D250S	Lts	15	30	46	$14.48	$14.48	$16.54	$16.54	0	0	1	0	1	1	0	14.2%
D400S	Lts	4	8	12	$17.59	$17.59	$20.11	$20.11	0	0	0	0	0	0	0	14.3%
D400M	Lts	0	0	0	$16.51	$16.51	$18.87	$18.87	0	0	0	0	0	0	0	0.0%
D129LED	Lts	0	0	0	$14.21	$14.21	$16.27	$16.27	0	0	0	0	0	0	0	0.0%
D192LED	Lts	0	0	0	$16.49	$16.49	$19.01	$19.01	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	68	363	431	$18.42	$18.42	$20.94	$20.94	1	7	8	1	8	9	1	13.7%
Riders	MWH	68	363	431	$3.59	$3.59	$0.00	$0.00	0	1	2	0	0	0	-2	
Total:									18	41	60	21	46	67	7	11.8%
D11 Protective Ltg Sm C&I Secondary																
A100S	Lts	1,256	2,512	3,768	$7.88	$7.88	$9.01	$9.01	10	20	30	11	23	34	4	14.3%
A175M	Lts	524	1,048	1,572	$7.88	$7.88	$9.01	$9.01	4	8	12	5	9	14	2	14.3%
A250S	Lts	942	1,884	2,826	$13.13	$13.13	$15.00	$15.00	12	25	37	14	28	42	5	14.2%
A400M	Lts	297	595	892	$13.13	$13.13	$15.00	$15.00	4	8	12	4	9	13	2	14.2%
A33LED	Lts	328	656	984	$6.76	$6.76	$7.89	$7.89	2	4	7	3	5	8	1	16.7%
A129LED	Lts	84	167	251	$11.42	$11.42	$13.29	$13.29	1	2	3	1	2	3	0	16.4%
D250S	Lts	726	1,452	2,178	$14.48	$14.48	$16.54	$16.54	11	21	32	12	24	36	4	14.2%
D400S	Lts	2,681	5,361	8,042	$17.59	$17.59	$20.11	$20.11	47	94	141	54	108	162	20	14.3%
D400M	Lts	51	102	153	$16.51	$16.51	$18.87	$18.87	1	2	3	1	2	3	0	14.3%
D129LED	Lts	175	350	525	$14.21	$14.21	$16.27	$16.27	2	5	7	3	6	9	1	14.5%
D192LED	Lts	287	575	862	$16.49	$16.49	$19.01	$19.01	5	9	14	5	11	16	2	15.3%
Fuel Cost	MWH	647	1,830	2,477	$18.42	$18.42	$20.94	$20.94	12	34	46	14	38	52	6	13.7%
Riders	MWH	647	1,830	2,477	$3.59	$3.59	$0.00	$0.00	2	7	9	0	0	0	-9	
Total:									113	239	352	127	265	392	40	11.4%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D30 St Ltg System Lighting Secondary																
OH100S	Lts	0	0	0	$12.03	$12.03	$16.00	$16.00	0	0	0	0	0	0	0	0.0%
OH150S	Lts	0	0	0	$13.12	$13.12	$17.06	$17.06	0	0	0	0	0	0	0	0.0%
OH250S	Lts	0	0	0	$16.22	$16.22	$20.08	$20.08	0	0	0	0	0	0	0	0.0%
OH400S	Lts	0	0	0	$19.18	$19.18	$22.96	$22.96	0	0	0	0	0	0	0	0.0%
OH39LED	Lts	6,357	12,713	19,070	$12.22	$12.22	$16.19	$16.19	78	155	233	103	206	309	76	32.5%
OH65LED	Lts	3,579	7,157	10,736	$13.21	$13.21	$17.15	$17.15	47	95	142	61	123	184	42	29.8%
OH155LED	Lts	374	748	1,122	$16.86	$16.86	$20.72	$20.72	6	13	19	8	15	23	4	22.9%
OH245LED	Lts	12	24	36	$20.39	$20.39	$24.17	$24.17	0	0	1	0	1	1	0	18.5%
UG100S	Lts	881	1,762	2,642	$22.06	$22.06	$26.03	$26.03	19	39	58	23	46	69	10	18.0%
UG150S	Lts	33	66	99	$23.21	$23.21	$27.15	$27.15	1	2	2	1	2	3	0	17.0%
UG39LED	Lts	313	626	939	$22.25	$22.25	$26.22	$26.22	7	14	21	8	16	25	4	17.8%
UG65LED	Lts	379	758	1,137	$23.30	$23.30	$27.24	$27.24	9	18	27	10	21	31	4	16.9%
Dec100S	Lts	0	0	0	$34.47	$34.47	$38.37	$38.37	0	0	0	0	0	0	0	0.0%
Dec150S	Lts	0	0	0	$35.59	$35.59	$39.44	$39.44	0	0	0	0	0	0	0	0.0%
Dec250S	Lts	0	0	0	$38.09	$38.09	$41.82	$41.82	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	185	528	714	$18.42	$18.42	$20.94	$20.94	3	10	13	4	11	15	2	13.7%
Riders	MWH	185	528	714	$3.59	$3.59	$0.00	$0.00	1	2	3	0	0	0	-3	
Total:									172	347	518	219	440	659	141	27.2%

Sales and Revenue by Rate Schedule and Component - Billing Units, Rates (Energy in Mills/kWh), and Revenues ($1,000s)

Charge	Units	Billing Units			Present Rate		Final Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
D31 St Ltg Purchased Lighting Secondary																
70S	Lts	262	523	785	$3.40	$3.40	$4.35	$4.35	1	2	3	1	2	3	1	27.9%
100S	Lts	11,697	23,394	35,091	$4.05	$4.05	$5.18	$5.18	47	95	142	61	121	182	40	27.9%
150S	Lts	5,988	11,976	17,964	$5.03	$5.03	$6.43	$6.43	30	60	90	39	77	116	25	27.8%
200S	Lts	301	602	903	$6.23	$6.23	$7.97	$7.97	2	4	6	2	5	7	2	27.9%
250S	Lts	7,225	14,450	21,675	$7.51	$7.51	$9.58	$9.58	54	109	163	69	138	208	45	27.6%
310S	Lts	408	816	1,224	$9.15	$9.15	$11.68	$11.68	4	7	11	5	10	14	3	27.7%
400S	Lts	2,442	4,884	7,325	$10.69	$10.69	$13.64	$13.64	26	52	78	33	67	100	22	27.6%
1000S	Lts	1,160	2,320	3,480	$22.49	$22.49	$28.67	$28.67	26	52	78	33	67	100	22	27.5%
175M	Lts	1,155	2,311	3,466	$5.61	$5.61	$7.18	$7.18	6	13	19	8	17	25	5	28.0%
250M	Lts	266	531	797	$7.12	$7.12	$9.08	$9.08	2	4	6	2	5	7	2	27.5%
400M	Lts	44	88	132	$10.29	$10.29	$13.14	$13.14	0	1	1	1	1	2	0	27.7%
G4 70S	Lts	0	0	0	$2.00	$2.00	$2.50	$2.50	0	0	0	0	0	0	0	0.0%
G4 400S	Lts	0	0	0	$6.91	$6.91	$6.10	$6.10	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	2,074	5,917	7,991	$18.42	$18.42	$20.94	$20.94	38	109	147	43	124	167	20	13.7%
Riders	MWH	2,074	5,917	7,991	$3.59	$3.59	$0.00	$0.00	7	21	29	0	0	0	-29	
Total:									245	529	774	298	633	931	157	20.3%
D33 St Ltg Energy Mtrd Lighting Secondary																
Cust Chg	Bills	460	920	1,380	$5.25	$5.25	$6.25	$6.25	2	5	7	3	6	9	1	19.0%
Energy	MWH	1,099	3,136	4,236	$52.50	$52.50	$66.86	$66.86	58	165	222	74	210	283	61	27.4%
Fuel Cost	MWH	1,099	3,136	4,236	$18.42	$18.42	$20.94	$20.94	20	58	78	23	66	89	11	13.7%
Riders	MWH	1,099	3,136	4,236	$3.59	$3.59	$0.00	$0.00	4	11	15	0	0	0	-15	
Total:									84	239	323	99	281	381	58	17.9%
D32 St Ltg Purchased-CL Lighting Secondary																
1000L	Lts	36	72	109	$2.82	$2.82	$2.86	$2.86	0	0	0	0	0	0	0	1.4%
4000L	Lts	60	120	180	$5.25	$5.25	$5.24	$5.24	0	1	1	0	1	1	0	-0.2%
Fuel Cost	MWH	3	10	13	$18.42	$18.42	$20.94	$20.94	0	0	0	0	0	0	0	13.7%
Riders	MWH	3	10	13	$3.59	$3.59	$0.00	$0.00	0	0	0	0	0	0	0	
Total:									0	1	2	0	1	2	0	-0.7%
Total Retail:									81,393	148,982	230,375	96,013	178,804	274,817	44,442	19.3%

Fuel Cost - Retail	Present			Proposed		
	Summer	Winter	Annual	Summer	Winter	Annual
Retail	2.457 ¢	2.535 ¢	2.510 ¢	2.457 ¢	2.535 ¢	2.510 ¢
Residential	2.449 ¢	2.527 ¢	2.502 ¢	2.516 ¢	2.596 ¢	2.570 ¢
C&I - Non-Demand	2.535 ¢	2.616 ¢	2.590 ¢	2.495 ¢	2.574 ¢	2.549 ¢
C&I-Dmd - Non-TOD			2.556 ¢			2.473 ¢
C&I-Dmd -TOD On-Peak			3.212 ¢			3.072 ¢
C&I-Dmd -TOD Off-Peak			1.996 ¢			2.106 ¢
Lighting			1.843 ¢			2.095 ¢

		Present	Proposed	Present	Proposed
Residential (D01, D03)		Base Rates		Rates + Fuel	
Customer / Mo.	Overhead	$15.00	$21.50	$15.00	$21.50
	Overhead - Electric Sp Ht	$15.00	$21.50	$15.00	$21.50
	Underground	$15.00	$21.50	$15.00	$21.50
	Underground - Electric Sp H	$15.00	$21.50	$15.00	$21.50
Energy /kWh	Summer	8.548 ¢	10.894 ¢	10.997 ¢	13.410 ¢
	Winter	6.949 ¢	9.295 ¢	9.476 ¢	11.891 ¢
	Winter - Electric Space Heat	6.248 ¢	8.594 ¢	8.775 ¢	11.190 ¢

Residential Time of Day (D02, D04)		Base Rates		Rates + Fuel	
Customer / Mo.	Overhead	$17.00	$21.50	$17.00	$21.50
	Overhead - Electric Sp Ht	$17.00	$21.50	$17.00	$21.50
	Underground	$17.00	$21.50	$17.00	$21.50
	Underground - Electric Sp H	$17.00	$21.50	$17.00	$21.50
Energy / kWh	On-Peak Summer	17.070 ¢	21.750 ¢	19.519 ¢	24.266 ¢
	On-Peak Winter	12.798 ¢	17.478 ¢	15.325 ¢	20.074 ¢
	On-Peak Winter -Elec. Sp H	11.298 ¢	16.164 ¢	13.825 ¢	18.760 ¢
	Off-Peak Summer	3.450 ¢	4.400 ¢	5.899 ¢	6.916 ¢
	Off-Peak Winter	3.450 ¢	4.400 ¢	5.977 ¢	6.996 ¢

Energy-Controlled Non-Demand (D05)		Base Rates		Rates + Fuel	
Customer / Mo.		$5.25	$5.25	$5.25	$5.25
Energy / kWh	Standard Resid.	4.9480 ¢	7.3540 ¢	7.450 ¢	9.924 ¢
	Standard Comm.	4.9480 ¢	7.3540 ¢	7.538 ¢	9.903 ¢
	Optional Resid. - Summer	8.548 ¢	10.894 ¢	10.997 ¢	13.410 ¢
	Optional Comm.- Summer	8.639 ¢	10.550 ¢	11.174 ¢	13.045 ¢

			Present	Proposed	Present	Proposed
Limited Off-Peak (D10)			Base Rates		Rates + Fuel	
Customer / Mo.	Residential		$5.25	$5.25	$5.25	$5.25
	Commercial	Sec. 1 Phase	$5.25	$5.25	$5.25	$5.25
	Commercial	Sec. 3 Phase	$7.50	$7.50	$7.50	$7.50
	Commercial	Primary	$33.00	$33.00	$33.00	$33.00
Energy / kWh	Residential	On-Peak	31.000 ¢	31.000 ¢	33.502 ¢	33.570 ¢
	Commercial	On-Peak	31.000 ¢	31.000 ¢	33.590 ¢	33.549 ¢
	Residential	Secondary	3.450 ¢	4.400 ¢	5.952 ¢	6.970 ¢
	Commercial	Secondary	3.450 ¢	4.400 ¢	6.040 ¢	6.949 ¢
	Commercial	Primary	3.360 ¢	4.310 ¢	5.950 ¢	6.859 ¢
Small General (D12, D15)			Base Rates		Rates + Fuel	
Customer / Mo.	Metered (D12)		$16.75	$22.00	$16.75	$22.00
Energy /kWh	Summer		8.639 ¢	10.550 ¢	11.174 ¢	13.045 ¢
	Winter		7.038 ¢	8.955 ¢	9.654 ¢	11.529 ¢
Small Municipal Pumping (D40)			Base Rates		Rates + Fuel	
Customer / Mo.	Overhead		$16.75	$22.00	$16.75	$22.00
Energy /kWh	Summer		8.639 ¢	10.550 ¢	11.174 ¢	13.045 ¢
	Winter		7.038 ¢	8.955 ¢	9.654 ¢	11.529 ¢
Small General TOD (D14, D18, D19, D34)			Base Rates		Rates + Fuel	
Customer / Mo.	TOD Metered (D14)		$18.75	$22.00	$18.75	$22.00
	KWH Metered (D19)		$16.75	$22.00	$16.75	$22.00
	Unmetered (D18)		$13.75	$13.75	$13.75	$13.75
	Low Wattage <100W (D34)		$0.32	$0.33	$0.32	$0.33
	Low Wattage <400W (D34)		$1.35	$1.40	$1.35	$1.40
Energy / kWh	On-Peak Summer		14.956 ¢	18.036 ¢	17.491 ¢	20.531 ¢
	On-Peak Winter		11.406 ¢	14.500 ¢	14.022 ¢	17.074 ¢
	Off-Peak Summer		3.450 ¢	4.400 ¢	5.985 ¢	6.895 ¢
	Off-Peak Winter		3.450 ¢	4.400 ¢	6.066 ¢	6.974 ¢
	Constant Use - Summer		7.477 ¢	9.173 ¢	10.012 ¢	11.668 ¢
	Constant Use - Winter		6.235 ¢	7.935 ¢	8.851 ¢	10.509 ¢

		Present	Proposed	Present	Proposed
Demand-Metered Voltage Discounts		Base Rates		Rates + Fuel	
Voltage Discount / kWh	Primary	0.090 ¢	0.090 ¢	0.090 ¢	0.090 ¢
	Transmission Transformed	0.180 ¢	0.120 ¢	0.180 ¢	0.120 ¢
	Transmision	0.240 ¢	0.180 ¢	0.240 ¢	0.180 ¢
Voltage Discount / kW	Primary	$0.50	$0.40	$0.50	$0.40
	Transmission Transformed	$1.40	$1.70	$1.40	$1.70
	Transmision	$2.10	$2.60	$2.10	$2.60

General (D16)		Base Rates		Rates + Fuel	
Customer / Mo.		$26.10	$28.50	$26.10	$28.50
Demand / kW	Summer	$15.38	$18.56	$15.38	$18.56
	Winter	$11.03	$14.21	$11.03	$14.21
Energy / kWh		4.193 ¢	5.301 ¢	6.749 ¢	7.774 ¢
Energy Credit / kWh		-1.250 ¢	-1.450 ¢	-1.250 ¢	-1.450 ¢

Municpal Pumping (D41)		Base Rates		Rates + Fuel	
Customer / Mo.		$26.10	$28.50	$26.10	$28.50
Demand / kW	Summer	$15.38	$18.56	$15.38	$18.56
	Winter	$11.03	$14.21	$11.03	$14.21
Energy / kWh		4.193 ¢	5.301 ¢	6.749 ¢	7.774 ¢
Energy Credit / kWh		-1.250 ¢	-1.450 ¢	-1.250 ¢	-1.450 ¢

General Time of Day (D17)		Base Rates		Rates + Fuel	
Customer / Mo.		$29.10	$31.50	$29.10	$31.50
On-Peak Demand / kW	Summer	$15.38	$18.56	$15.38	$18.56
	Winter	$11.03	$14.21	$11.03	$14.21
Off-Peak Demand / kW		$2.10	$2.60	$2.10	$2.60
Energy / kWh	On-Peak	5.674 ¢	7.471 ¢	8.886 ¢	10.543 ¢
	Off-Peak	3.018 ¢	3.974 ¢	5.014 ¢	6.080 ¢
Energy Credit / kWh		-1.250 ¢	-1.450 ¢	-1.250 ¢	-1.450 ¢

Peak-Controlled (D20)		Base Rates		Rates + Fuel	
Customer / Mo.		$58.00	$58.00	$58.00	$58.00
Firm Demand / kW	Summer	$15.38	$18.56	$15.38	$18.56
	Winter	$11.03	$14.21	$11.03	$14.21
Control Demand / kW	Tier 2 - Level A	$9.23	$12.24	$9.23	$12.24
	Tier 2 - Level B	$8.49	$11.45	$8.49	$11.45
	Tier 2 - Level C	$8.02	$10.97	$8.02	$10.97
	Tier 1 - Level A	$8.64	$11.63	$8.64	$11.63
	Tier 1 - Level B	$7.80	$10.74	$7.80	$10.74
	Tier 1 - Level C	$7.21	$10.12	$7.21	$10.12
Energy / kWh		4.193 ¢	5.301 ¢	6.749 ¢	7.774 ¢
Energy Credit / kWh		-1.250 ¢	-1.450 ¢	-1.250 ¢	-1.450 ¢

		Present	Proposed	Present	Proposed
Peak-Controlled TOD (D21)		Base Rates		Rates + Fuel	
Customer / Mo.		$58.00	$58.00	$58.00	$58.00
On-Peak Demand / kW	Summer	$15.38	$18.56	$15.38	$18.56
	Winter	$11.03	$14.21	$11.03	$14.21
Control Demand / kW	Tier 2 - Level A	$9.23	$12.24	$9.23	$12.24
	Tier 2 - Level B	$8.49	$11.45	$8.49	$11.45
	Tier 2 - Level C	$8.02	$10.97	$8.02	$10.97
	Tier 1 - Level A	$8.64	$11.63	$8.64	$11.63
	Tier 1 - Level B	$7.80	$10.74	$7.80	$10.74
	Tier 1 - Level C	$7.21	$10.12	$7.21	$10.12
Off-Peak Demand / kW		$2.10	$2.60	$2.10	$2.60
Energy / kWh	On-Peak	5.674 ¢	7.471 ¢	8.886 ¢	10.543 ¢
	Off-Peak	3.018 ¢	3.974 ¢	5.014 ¢	6.080 ¢
Energy Credit / kWh		-1.2500 ¢	-1.4500 ¢	-1.2500 ¢	-1.4500 ¢

Tier 1 Energy-Controlled Rider (D22)		Base Rates		Rates + Fuel	
Customer / Mo.		$58.00	$58.00	$58.00	$58.00
On-Peak Demand / kW	Summer	$15.38	$18.56	$15.38	$18.56
	Winter	$11.03	$14.21	$11.03	$14.21
Control Demand / kW	Tier 1 - Level A	$8.64	$11.63	$8.64	$11.63
	Tier 1 - Level B	$7.80	$10.74	$7.80	$10.74
	Tier 1 - Level C	$7.21	$10.12	$7.21	$10.12
Off-Peak Demand / kW		$2.10	$2.60	$2.10	$2.60
Energy / kWh	Firm On-Peak	5.674 ¢	7.471 ¢	8.886 ¢	10.543 ¢
	Firm Off-Peak	3.018 ¢	3.974 ¢	5.014 ¢	6.080 ¢
	Controllable On-Peak	5.454 ¢	7.245 ¢	8.666 ¢	10.317 ¢
	Controllable Off-Peak	2.918 ¢	3.874 ¢	4.914 ¢	5.980 ¢
	Control Period Energy	10.000 ¢	10.000 ¢	13.212 ¢	13.072 ¢
Energy Credit / kWh		-1.250 ¢	-1.450 ¢	-1.250 ¢	-1.450 ¢

Fire & Civil Defense Siren (D42)	Base Rates		Rates + Fuel	
HP Capacity / Mo.	$0.61	$0.65	$0.61	$0.65
Min Charge / Mo.	$2.90	$3.12	$2.90	$3.12

		Present	Proposed	Present	Proposed
Automatic Protective Lighting (D11)		Base Rates		Rates + Fuel	
Area	100 W HPSodium	$7.88	$9.01	$8.63	$9.86
	175 W Mercury	$7.88	$9.01	$9.18	$10.48
	250 W HPSodium	$13.13	$15.00	$15.09	$17.23
	400 W Mercury	$13.13	$15.00	$16.07	$18.34
	30-45 W LED	$6.76	$7.89	$6.97	$8.13
	110-165 W LED	$11.42	$13.29	$12.24	$14.23
Directional	250 W HPSodium	$14.48	$16.54	$16.44	$18.77
	400 W HPSodium	$17.59	$20.11	$20.67	$23.61
	400 W Mercury	$16.51	$18.87	$19.45	$22.21
	110-165 W LED	$14.21	$16.27	$15.03	$17.21
	170-250 W LED	$16.49	$19.01	$17.72	$20.40

Street Lighting System (D30)		Base Rates		Rates + Fuel	
Overhead	100 W HPSodium	$12.03	$16.00	$12.78	$16.85
	150 W HPSodium	$13.12	$17.06	$14.21	$18.30
	250 W HPSodium	$16.22	$20.08	$18.18	$22.31
	400 W HPSodium	$19.18	$22.96	$22.26	$26.46
	30-40 W LED	$12.22	$16.19	$12.47	$16.47
	50-75 W LED	$13.21	$17.15	$13.62	$17.62
	110-165 W LED	$16.86	$20.72	$17.85	$21.85
	200-250 W LED	$20.39	$24.17	$21.95	$25.95
Underground	100 W HPSodium	$22.06	$26.03	$22.81	$26.88
	150 W HPSodium	$23.21	$27.15	$24.30	$28.39
	30-40 W LED	$22.25	$26.22	$22.50	$26.50
	50-75 W LED	$23.30	$27.24	$23.71	$27.71
Decorative UG	100 W HPSodium	$34.47	$38.37	$35.22	$39.22
	150 W HPSodium	$35.59	$39.44	$36.68	$40.68
	250 W HPSodium	$38.09	$41.82	$40.05	$44.05

		Present	Proposed	Present	Proposed
Street Lighting Purchased (Closed) (D31)		Base Rates		Rates + Fuel	
Group 1	<30 W LED	$1.17	$1.50	$1.33	$1.68
	30-45 W LED	$1.42	$1.82	$1.67	$2.10
	50-75 W LED	$1.88	$2.40	$2.29	$2.87
	110-165 W LED	$3.45	$4.42	$4.44	$5.55
	200-250 W LED	$5.05	$6.44	$6.61	$8.22
	175 W Mercury	$5.61	$7.18	$6.91	$8.65
	250 W Mercury	$7.12	$9.08	$8.94	$11.15
	400 W Mercury	$10.29	$13.14	$13.23	$16.48
	70 W HPSodium	$3.40	$4.35	$3.92	$4.94
	100 W HPSodium	$4.05	$5.18	$4.80	$6.03
	150 W HPSodium	$5.03	$6.43	$6.12	$7.67
	200 W HPSodium	$6.23	$7.97	$7.74	$9.69
	250 W HPSodium	$7.51	$9.58	$9.47	$11.81
	310 W HPSodium	$9.15	$11.68	$11.69	$14.56
	400 W HPSodium	$10.69	$13.64	$13.77	$17.14
	1000 W HPSodium	$22.49	$28.67	$29.71	$36.87

Street Lighting Energy - Metered (D33)	Base Rates		Rates + Fuel	
Customer / Mo.	$5.25	$6.25	$5.25	$6.25
Energy Charge per kWh	5.250 ¢	6.686 ¢	7.093 ¢	8.781 ¢

Street Lighting Purchased (Closed) (D32)		Base Rates		Rates + Fuel	
	1000 L Incandescen	$2.82	$2.86	$3.41	$3.53
	4000 L Incandescen	$5.25	$5.24	$7.13	$7.38

		Present	Proposed
Standby Service Rider			
Customer / Mo.		$29.10	$31.50
Demand / Contract kW	**Unscheduled Maintenance**		
	Secondary	$3.14	$4.17
	Primary	$2.64	$3.77
	Transmission Transfromed	$1.74	$2.47
	Transmission	$1.04	$1.57
	Scheduled Maintenance		
	Secondary	$3.04	$4.07
	Primary	$2.54	$3.67
	Transmission Transfromed	$1.64	$2.37
	Transmission	$0.94	$1.47
	Non-Firm		
	Secondary	$1.60	$2.60
	Primary	$1.10	$2.20
	Transmission Transfromed	$0.20	$0.90
	Transmission	$0.00	$0.00

RESIDENTIAL SERVICE (Overhead) - D01

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	$39.59	$51.23	$11.64	29.40%
	300	$44.51	$57.17	$12.67	28.46%
	400	$54.34	$69.06	$14.72	27.09%
	500	$64.18	$80.95	$16.78	26.14%
	600	$74.01	$92.85	$18.83	25.45%
	700	$83.85	$104.74	$20.89	24.91%
	750	$88.76	$110.68	$21.92	24.69%
	850	$98.60	$122.57	$23.97	24.31%
	1000	$113.35	$140.41	$27.06	23.87%
	1500	$162.53	$199.86	$37.33	22.97%
	2000	$211.71	$259.32	$47.61	22.49%
	3000	$310.06	$378.23	$68.17	21.99%
	4000	$408.41	$497.13	$88.72	21.72%
	5000	$506.76	$616.04	$109.28	21.56%
SUMMER	250	$43.39	$55.02	$11.63	26.81%
	300	$49.07	$61.73	$12.66	25.80%
	400	$60.43	$75.14	$14.71	24.35%
	500	$71.78	$88.55	$16.77	23.36%
	600	$83.14	$101.96	$18.82	22.64%
	700	$94.50	$115.37	$20.87	22.09%
	750	$100.17	$122.07	$21.90	21.86%
	850	$111.53	$135.48	$23.95	21.48%
	1000	$128.57	$155.60	$27.03	21.03%
	1500	$185.35	$222.65	$37.30	20.13%
	2000	$242.13	$289.70	$47.57	19.65%
	3000	$355.70	$423.80	$68.10	19.15%
	4000	$469.26	$557.90	$88.64	18.89%
	5000	$582.83	$692.00	$109.17	18.73%
AVERAGE MONTHLY	250	$40.86	$52.49	$11.64	28.48%
	300	$46.03	$58.69	$12.66	27.52%
	400	$56.37	$71.09	$14.72	26.11%
	500	$66.71	$83.49	$16.77	25.14%
	600	$77.05	$95.88	$18.83	24.44%
	700	$87.40	$108.28	$20.88	23.90%
	750	$92.57	$114.48	$21.91	23.67%
	850	$102.91	$126.88	$23.97	23.29%
	1000	$118.42	$145.47	$27.05	22.84%
	1500	$170.14	$207.46	$37.32	21.94%
	2000	$221.85	$269.44	$47.60	21.46%
	3000	$325.27	$393.42	$68.15	20.95%
	4000	$428.69	$517.39	$88.70	20.69%
	5000	$532.12	$641.36	$109.24	20.53%

RESIDENTIAL SERVICE - SPACE HEATING (Overhead) - D01

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
	250	$37.84	$49.47	$11.64	30.76%
	300	$42.40	$55.07	$12.67	29.87%
	400	$51.54	$66.26	$14.72	28.57%
	500	$60.67	$77.45	$16.78	27.65%
	600	$69.81	$88.64	$18.83	26.98%
WINTER	750	$83.51	$105.42	$21.92	26.25%
	850	$92.64	$116.61	$23.97	25.88%
	1000	$106.34	$133.40	$27.06	25.44%
	1500	$152.01	$189.35	$37.33	24.56%
	2000	$197.69	$245.30	$47.61	24.08%
	3000	$289.03	$357.20	$68.17	23.59%
	4000	$380.37	$469.09	$88.72	23.33%
	5000	$471.71	$580.99	$109.28	23.17%
	250	$43.39	$55.02	$11.63	26.81%
	300	$49.07	$61.73	$12.66	25.80%
	400	$60.43	$75.14	$14.71	24.35%
	500	$71.78	$88.55	$16.77	23.36%
	600	$83.14	$101.96	$18.82	22.64%
SUMMER	750	$100.17	$122.07	$21.90	21.86%
	850	$111.53	$135.48	$23.95	21.48%
	1000	$128.57	$155.60	$27.03	21.03%
	1500	$185.35	$222.65	$37.30	20.13%
	2000	$242.13	$289.70	$47.57	19.65%
	3000	$355.70	$423.80	$68.10	19.15%
	4000	$469.26	$557.90	$88.64	18.89%
	5000	$582.83	$692.00	$109.17	18.73%
	250	$39.69	$51.32	$11.64	29.32%
	300	$44.63	$57.29	$12.66	28.38%
	400	$54.50	$69.22	$14.72	27.01%
	500	$64.38	$81.15	$16.77	26.06%
	600	$74.25	$93.08	$18.83	25.36%
AVERAGE	750	$89.06	$110.97	$21.91	24.60%
MONTHLY	850	$98.94	$122.90	$23.97	24.22%
	1000	$113.75	$140.80	$27.05	23.78%
	1500	$163.13	$200.45	$37.32	22.88%
	2000	$212.50	$260.10	$47.60	22.40%
	3000	$311.25	$379.40	$68.15	21.89%
	4000	$410.00	$498.70	$88.70	21.63%
	5000	$508.75	$617.99	$109.24	21.47%

RESIDENTIAL SERVICE (Underground) - D03

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	$39.59	$51.23	$11.64	29.40%
	300	$44.51	$57.17	$12.67	28.46%
	400	$54.34	$69.06	$14.72	27.09%
	500	$64.18	$80.95	$16.78	26.14%
	600	$74.01	$92.85	$18.83	25.45%
	750	$88.76	$110.68	$21.92	24.69%
	850	$98.60	$122.57	$23.97	24.31%
	1000	$113.35	$140.41	$27.06	23.87%
	1500	$162.53	$199.86	$37.33	22.97%
	2000	$211.71	$259.32	$47.61	22.49%
	3000	$310.06	$378.23	$68.17	21.99%
	4000	$408.41	$497.13	$88.72	21.72%
	5000	$506.76	$616.04	$109.28	21.56%
SUMMER	250	$43.39	$55.02	$11.63	26.81%
	300	$49.07	$61.73	$12.66	25.80%
	400	$60.43	$75.14	$14.71	24.35%
	500	$71.78	$88.55	$16.77	23.36%
	600	$83.14	$101.96	$18.82	22.64%
	750	$100.17	$122.07	$21.90	21.86%
	850	$111.53	$135.48	$23.95	21.48%
	1000	$128.57	$155.60	$27.03	21.03%
	1500	$185.35	$222.65	$37.30	20.13%
	2000	$242.13	$289.70	$47.57	19.65%
	3000	$355.70	$423.80	$68.10	19.15%
	4000	$469.26	$557.90	$88.64	18.89%
	5000	$582.83	$692.00	$109.17	18.73%
AVERAGE MONTHLY	250	$40.86	$52.49	$11.64	28.48%
	300	$46.03	$58.69	$12.66	27.52%
	400	$56.37	$71.09	$14.72	26.11%
	500	$66.71	$83.49	$16.77	25.14%
	600	$77.05	$95.88	$18.83	24.44%
	750	$92.57	$114.48	$21.91	23.67%
	850	$102.91	$126.88	$23.97	23.29%
	1000	$118.42	$145.47	$27.05	22.84%
	1500	$170.14	$207.46	$37.32	21.94%
	2000	$221.85	$269.44	$47.60	21.46%
	3000	$325.27	$393.42	$68.15	20.95%
	4000	$428.69	$517.39	$88.70	20.69%
	5000	$532.12	$641.36	$109.24	20.53%

RESIDENTIAL SERVICE - SPACE HEATING (Underground) - D03

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	$37.84	$49.47	$11.64	30.76%
	300	$42.40	$55.07	$12.67	29.87%
	400	$51.54	$66.26	$14.72	28.57%
	500	$60.67	$77.45	$16.78	27.65%
	600	$69.81	$88.64	$18.83	26.98%
	750	$83.51	$105.42	$21.92	26.25%
	850	$92.64	$116.61	$23.97	25.88%
	1000	$106.34	$133.40	$27.06	25.44%
	1500	$152.01	$189.35	$37.33	24.56%
	2000	$197.69	$245.30	$47.61	24.08%
	3000	$289.03	$357.20	$68.17	23.59%
	4000	$380.37	$469.09	$88.72	23.33%
	5000	$471.71	$580.99	$109.28	23.17%
SUMMER	250	$43.39	$55.02	$11.63	26.81%
	300	$49.07	$61.73	$12.66	25.80%
	400	$60.43	$75.14	$14.71	24.35%
	500	$71.78	$88.55	$16.77	23.36%
	600	$83.14	$101.96	$18.82	22.64%
	750	$100.17	$122.07	$21.90	21.86%
	850	$111.53	$135.48	$23.95	21.48%
	1000	$128.57	$155.60	$27.03	21.03%
	1500	$185.35	$222.65	$37.30	20.13%
	2000	$242.13	$289.70	$47.57	19.65%
	3000	$355.70	$423.80	$68.10	19.15%
	4000	$469.26	$557.90	$88.64	18.89%
	5000	$582.83	$692.00	$109.17	18.73%
AVERAGE MONTHLY	250	$39.69	$51.32	$11.64	29.32%
	300	$44.63	$57.29	$12.66	28.38%
	400	$54.50	$69.22	$14.72	27.01%
	500	$64.38	$81.15	$16.77	26.06%
	600	$74.25	$93.08	$18.83	25.36%
	750	$89.06	$110.97	$21.91	24.60%
	850	$98.94	$122.90	$23.97	24.22%
	1000	$113.75	$140.80	$27.05	23.78%
	1500	$163.13	$200.45	$37.32	22.88%
	2000	$212.50	$260.10	$47.60	22.40%
	3000	$311.25	$379.40	$68.15	21.89%
	4000	$410.00	$498.70	$88.70	21.63%
	5000	$508.75	$617.99	$109.24	21.47%

RESIDENTIAL TIME OF DAY SERVICE (Overhead) - D02

On-Peak = 35%

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	$41.02	$50.43	$9.41	22.95%
	300	$45.82	$56.22	$10.40	22.69%
	400	$55.43	$67.79	$12.36	22.30%
	500	$65.04	$79.37	$14.33	22.03%
	600	$74.65	$90.94	$16.29	21.82%
	750	$89.06	$108.30	$19.24	21.60%
	850	$98.67	$119.87	$21.20	21.49%
	1000	$113.08	$137.23	$24.15	21.36%
	1500	$161.12	$195.10	$33.98	21.09%
	2000	$209.16	$252.96	$43.80	20.94%
	3000	$305.24	$368.69	$63.45	20.79%
	4000	$401.32	$484.43	$83.10	20.71%
	5000	$497.40	$600.16	$102.75	20.66%
SUMMER	250	$44.56	$53.97	$9.41	21.11%
	300	$50.08	$60.47	$10.39	20.75%
	400	$61.10	$73.45	$12.35	20.22%
	500	$72.13	$86.44	$14.31	19.85%
	600	$83.15	$99.43	$16.28	19.58%
	750	$99.69	$118.91	$19.22	19.28%
	850	$110.72	$131.90	$21.19	19.13%
	1000	$127.26	$151.38	$24.13	18.96%
	1500	$182.38	$216.33	$33.94	18.61%
	2000	$237.51	$281.27	$43.76	18.42%
	3000	$347.77	$411.15	$63.39	18.23%
	4000	$458.02	$541.04	$83.02	18.13%
	5000	$568.28	$670.92	$102.65	18.06%
AVERAGE MONTHLY	250	$42.20	$51.61	$9.41	22.30%
	300	$47.24	$57.63	$10.39	22.00%
	400	$57.32	$69.68	$12.36	21.56%
	500	$67.40	$81.72	$14.32	21.25%
	600	$77.48	$93.77	$16.29	21.02%
	750	$92.60	$111.84	$19.23	20.77%
	850	$102.68	$123.88	$21.20	20.64%
	1000	$117.81	$141.95	$24.14	20.49%
	1500	$168.21	$202.17	$33.97	20.19%
	2000	$218.61	$262.40	$43.79	20.03%
	3000	$319.42	$382.85	$63.43	19.86%
	4000	$420.22	$503.30	$83.08	19.77%
	5000	$521.03	$623.75	$102.72	19.71%

RESIDENTIAL TIME OF DAY SERVICE - SPACE HEATING (Overhead) - D02 On-Peak = 35%

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	$39.71	$49.28	$9.58	24.11%
	300	$44.25	$54.84	$10.59	23.93%
	400	$53.33	$65.95	$12.62	23.66%
	500	$62.42	$77.07	$14.65	23.47%
	600	$71.50	$88.18	$16.68	23.33%
	750	$85.12	$104.85	$19.73	23.17%
	850	$94.21	$115.96	$21.76	23.09%
	1000	$107.83	$132.63	$24.80	23.00%
	1500	$153.25	$188.20	$34.95	22.81%
	2000	$198.66	$243.76	$45.10	22.70%
	3000	$289.49	$354.90	$65.41	22.59%
	4000	$380.32	$466.03	$85.71	22.54%
	5000	$471.15	$577.16	$106.01	22.50%
SUMMER	250	$44.56	$53.97	$9.41	21.11%
	300	$50.08	$60.47	$10.39	20.75%
	400	$61.10	$73.45	$12.35	20.22%
	500	$72.13	$86.44	$14.31	19.85%
	600	$83.15	$99.43	$16.28	19.58%
	750	$99.69	$118.91	$19.22	19.28%
	850	$110.72	$131.90	$21.19	19.13%
	1000	$127.26	$151.38	$24.13	18.96%
	1500	$182.38	$216.33	$33.94	18.61%
	2000	$237.51	$281.27	$43.76	18.42%
	3000	$347.77	$411.15	$63.39	18.23%
	4000	$458.02	$541.04	$83.02	18.13%
	5000	$568.28	$670.92	$102.65	18.06%
AVERAGE MONTHLY	250	$41.33	$50.85	$9.52	23.03%
	300	$46.19	$56.71	$10.52	22.78%
	400	$55.92	$68.45	$12.53	22.41%
	500	$65.65	$80.19	$14.54	22.15%
	600	$75.38	$91.93	$16.55	21.95%
	750	$89.98	$109.54	$19.56	21.74%
	850	$99.71	$121.28	$21.57	21.63%
	1000	$114.31	$138.88	$24.58	21.50%
	1500	$162.96	$197.57	$34.62	21.24%
	2000	$211.61	$256.27	$44.66	21.10%
	3000	$308.92	$373.65	$64.73	20.95%
	4000	$406.22	$491.03	$84.81	20.88%
	5000	$503.53	$608.42	$104.89	20.83%

SMALL GENERAL SERVICE

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
	250	$41.78	$50.82	$9.04	21.64%
	300	$46.79	$56.59	$9.80	20.94%
	400	$56.80	$68.12	$11.32	19.92%
	500	$66.81	$79.65	$12.83	19.21%
WINTER	600	$76.83	$91.18	$14.35	18.68%
	750	$91.85	$108.47	$16.62	18.10%
	1000	$116.88	$137.29	$20.42	17.47%
	1500	$166.94	$194.94	$28.00	16.77%
	2000	$217.00	$252.59	$35.58	16.40%
	3000	$317.13	$367.88	$50.75	16.00%
	4000	$417.26	$483.17	$65.91	15.80%
	5000	$517.39	$598.46	$81.08	15.67%
	250	$45.58	$54.61	$9.03	19.81%
	300	$51.35	$61.14	$9.79	19.06%
	400	$62.88	$74.18	$11.30	17.97%
	500	$74.42	$87.23	$12.81	17.21%
SUMMER	600	$85.95	$100.27	$14.32	16.66%
	750	$103.25	$119.84	$16.59	16.07%
	1000	$132.08	$152.45	$20.37	15.42%
	1500	$189.75	$217.68	$27.93	14.72%
	2000	$247.42	$282.90	$35.49	14.34%
	3000	$362.75	$413.35	$50.61	13.95%
	4000	$478.08	$543.80	$65.72	13.75%
	5000	$593.41	$674.25	$80.84	13.62%
	250	$43.05	$52.09	$9.04	20.99%
	300	$48.31	$58.10	$9.79	20.28%
	400	$58.83	$70.14	$11.31	19.23%
	500	$69.35	$82.17	$12.82	18.49%
AVERAGE	600	$79.87	$94.21	$14.34	17.95%
MONTHLY	750	$95.65	$112.26	$16.61	17.37%
	1000	$121.95	$142.35	$20.40	16.73%
	1500	$174.54	$202.52	$27.97	16.03%
	2000	$227.14	$262.69	$35.55	15.65%
	3000	$332.34	$383.04	$50.70	15.26%
	4000	$437.53	$503.38	$65.85	15.05%
	5000	$542.73	$623.73	$81.00	14.92%

Comparison Of Monthly Bills At Present & Proposed Rates

GENERAL SERVICE (Secondary Voltage**)**

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
15	3,000	200	$426.56	$496.63	$70.07	16.43%
15	6,000	400	$639.81	$729.86	$90.05	14.07%
15	9,000	600	$815.57	$919.58	$104.02	12.75%
25	5,000	200	$693.53	$808.71	$115.19	16.61%
25	10,000	400	$1,048.95	$1,197.43	$148.48	14.15%
25	15,000	600	$1,341.88	$1,513.64	$171.76	12.80%
50	10,000	200	$1,360.95	$1,588.93	$227.98	16.75%
50	20,000	400	$2,071.80	$2,366.35	$294.55	14.22%
50	30,000	600	$2,657.65	$2,998.78	$341.13	12.84%
75	15,000	200	$2,028.38	$2,369.14	$340.76	16.80%
75	30,000	400	$3,094.65	$3,535.28	$440.63	14.24%
75	45,000	600	$3,973.43	$4,483.92	$510.49	12.85%
100	20,000	200	$2,695.80	$3,149.35	$453.55	16.82%
100	40,000	400	$4,117.51	$4,704.21	$586.70	14.25%
100	60,000	600	$5,289.21	$5,969.06	$679.85	12.85%
200	40,000	200	$5,365.51	$6,270.21	$904.70	16.86%
200	80,000	400	$8,208.91	$9,379.92	$1,171.00	14.27%
200	120,000	600	$10,552.32	$11,909.62	$1,357.31	12.86%
300	60,000	200	$8,035.21	$9,391.06	$1,355.85	16.87%
300	120,000	400	$12,300.32	$14,055.62	$1,755.31	14.27%
300	180,000	600	$15,815.43	$17,850.18	$2,034.76	12.87%
500	100,000	200	$13,374.61	$15,632.77	$2,258.15	16.88%
500	200,000	400	$20,483.13	$23,407.04	$2,923.91	14.27%
500	300,000	600	$26,341.64	$29,731.31	$3,389.66	12.87%
1,000	200,000	200	$26,723.13	$31,237.04	$4,513.91	16.89%
1,000	400,000	400	$40,940.16	$46,785.58	$5,845.42	14.28%
1,000	600,000	600	$52,657.19	$59,434.11	$6,776.93	12.87%
3,000	600,000	200	$80,117.19	$93,654.11	$13,536.93	16.90%
3,000	1,200,000	400	$122,768.27	$140,299.73	$17,531.46	14.28%
3,000	1,800,000	600	$157,919.36	$178,245.34	$20,325.99	12.87%
5,000	1,000,000	200	$133,511.24	$156,071.19	$22,559.95	16.90%
5,000	2,000,000	400	$204,596.39	$233,813.88	$29,217.49	14.28%
5,000	3,000,000	600	$263,181.53	$297,056.57	$33,875.04	12.87%

GENERAL SERVICE (Primary Voltage**)**

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
15	3,000	200	$416.36	$487.93	$71.57	17.19%
15	6,000	400	$626.91	$718.46	$91.55	14.60%
15	9,000	600	$799.97	$905.48	$105.52	13.19%
25	5,000	200	$676.53	$794.21	$117.69	17.40%
25	10,000	400	$1,027.45	$1,178.43	$150.98	14.69%
25	15,000	600	$1,315.88	$1,490.14	$174.26	13.24%
50	10,000	200	$1,326.95	$1,559.93	$232.98	17.56%
50	20,000	400	$2,028.80	$2,328.35	$299.55	14.76%
50	30,000	600	$2,605.65	$2,951.78	$346.13	13.28%
75	15,000	200	$1,977.38	$2,325.64	$348.26	17.61%
75	30,000	400	$3,030.15	$3,478.28	$448.13	14.79%
75	45,000	600	$3,895.43	$4,413.42	$517.99	13.30%
100	20,000	200	$2,627.80	$3,091.35	$463.55	17.64%
100	40,000	400	$4,031.51	$4,628.21	$596.70	14.80%
100	60,000	600	$5,185.21	$5,875.06	$689.85	13.30%
200	40,000	200	$5,229.51	$6,154.21	$924.70	17.68%
200	80,000	400	$8,036.91	$9,227.92	$1,191.00	14.82%
200	120,000	600	$10,344.32	$11,721.62	$1,377.31	13.31%
300	60,000	200	$7,831.21	$9,217.06	$1,385.85	17.70%
300	120,000	400	$12,042.32	$13,827.62	$1,785.31	14.83%
300	180,000	600	$15,503.43	$17,568.18	$2,064.76	13.32%
500	100,000	200	$13,034.61	$15,342.77	$2,308.15	17.71%
500	200,000	400	$20,053.13	$23,027.04	$2,973.91	14.83%
500	300,000	600	$25,821.64	$29,261.31	$3,439.66	13.32%
1,000	200,000	200	$26,043.13	$30,657.04	$4,613.91	17.72%
1,000	400,000	400	$40,080.16	$46,025.58	$5,945.42	14.83%
1,000	600,000	600	$51,617.19	$58,494.11	$6,876.93	13.32%
3,000	600,000	200	$78,077.19	$91,914.11	$13,836.93	17.72%
3,000	1,200,000	400	$120,188.27	$138,019.73	$17,831.46	14.84%
3,000	1,800,000	600	$154,799.36	$175,425.34	$20,625.99	13.32%
5,000	1,000,000	200	$130,111.24	$153,171.19	$23,059.95	17.72%
5,000	2,000,000	400	$200,296.39	$230,013.88	$29,717.49	14.84%
5,000	3,000,000	600	$257,981.53	$292,356.57	$34,375.04	13.32%

GENERAL TOD SERVICE (Secondary Voltage**)**

40% On-Peak
60% Off-Peak

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
15	3,000	200	$423.97	$502.36	$78.39	18.49%
15	6,000	400	$631.64	$738.32	$106.68	16.89%
15	9,000	600	$801.81	$930.78	$128.97	16.09%
25	5,000	200	$687.22	$816.27	$129.05	18.78%
25	10,000	400	$1,033.33	$1,209.53	$176.20	17.05%
25	15,000	600	$1,316.95	$1,530.30	$213.35	16.20%
50	10,000	200	$1,345.33	$1,601.03	$255.70	19.01%
50	20,000	400	$2,037.56	$2,387.57	$350.00	17.18%
50	30,000	600	$2,604.79	$3,029.10	$424.31	16.29%
75	15,000	200	$2,003.45	$2,385.80	$382.35	19.08%
75	30,000	400	$3,041.79	$3,565.60	$523.81	17.22%
75	45,000	600	$3,892.64	$4,527.90	$635.26	16.32%
100	20,000	200	$2,661.56	$3,170.57	$509.00	19.12%
100	40,000	400	$4,046.02	$4,743.63	$697.61	17.24%
100	60,000	600	$5,180.49	$6,026.70	$846.21	16.33%
200	40,000	200	$5,294.02	$6,309.63	$1,015.61	19.18%
200	80,000	400	$8,062.95	$9,455.76	$1,392.82	17.27%
200	120,000	600	$10,331.87	$12,021.90	$1,690.03	16.36%
300	60,000	200	$7,926.49	$9,448.70	$1,522.21	19.20%
300	120,000	400	$12,079.87	$14,167.90	$2,088.03	17.29%
300	180,000	600	$15,483.26	$18,017.09	$2,533.84	16.37%
500	100,000	200	$13,191.41	$15,726.83	$2,535.42	19.22%
500	200,000	400	$20,113.72	$23,592.16	$3,478.44	17.29%
500	300,000	600	$25,786.03	$30,007.49	$4,221.46	16.37%
1,000	200,000	200	$26,353.72	$31,422.16	$5,068.44	19.23%
1,000	400,000	400	$40,198.34	$47,152.82	$6,954.49	17.30%
1,000	600,000	600	$51,542.95	$59,983.48	$8,440.53	16.38%
3,000	600,000	200	$79,002.95	$94,203.48	$15,200.53	19.24%
3,000	1,200,000	400	$120,536.81	$141,395.46	$20,858.66	17.30%
3,000	1,800,000	600	$154,570.66	$179,887.45	$25,316.78	16.38%
5,000	1,000,000	200	$131,652.19	$156,984.80	$25,332.61	19.24%
5,000	2,000,000	400	$200,875.28	$235,638.11	$34,762.83	17.31%
5,000	3,000,000	600	$257,598.37	$299,791.41	$42,193.04	16.38%

GENERAL TOD SERVICE (Primary Voltage)

40% On-Peak
60% Off-Peak

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
15	3,000	200	$413.77	$493.66	$79.89	19.31%
15	6,000	400	$618.74	$726.92	$108.18	17.48%
15	9,000	600	$786.21	$916.68	$130.47	16.60%
25	5,000	200	$670.22	$801.77	$131.55	19.63%
25	10,000	400	$1,011.83	$1,190.53	$178.70	17.66%
25	15,000	600	$1,290.95	$1,506.80	$215.85	16.72%
50	10,000	200	$1,311.33	$1,572.03	$260.70	19.88%
50	20,000	400	$1,994.56	$2,349.57	$355.00	17.80%
50	30,000	600	$2,552.79	$2,982.10	$429.31	16.82%
75	15,000	200	$1,952.45	$2,342.30	$389.85	19.97%
75	30,000	400	$2,977.29	$3,508.60	$531.31	17.85%
75	45,000	600	$3,814.64	$4,457.40	$642.76	16.85%
100	20,000	200	$2,593.56	$3,112.57	$519.00	20.01%
100	40,000	400	$3,960.02	$4,667.63	$707.61	17.87%
100	60,000	600	$5,076.49	$5,932.70	$856.21	16.87%
200	40,000	200	$5,158.02	$6,193.63	$1,035.61	20.08%
200	80,000	400	$7,890.95	$9,303.76	$1,412.82	17.90%
200	120,000	600	$10,123.87	$11,833.90	$1,710.03	16.89%
300	60,000	200	$7,722.49	$9,274.70	$1,552.21	20.10%
300	120,000	400	$11,821.87	$13,939.90	$2,118.03	17.92%
300	180,000	600	$15,171.26	$17,735.09	$2,563.84	16.90%
500	100,000	200	$12,851.41	$15,436.83	$2,585.42	20.12%
500	200,000	400	$19,683.72	$23,212.16	$3,528.44	17.93%
500	300,000	600	$25,266.03	$29,537.49	$4,271.46	16.91%
1,000	200,000	200	$25,673.72	$30,842.16	$5,168.44	20.13%
1,000	400,000	400	$39,338.34	$46,392.82	$7,054.49	17.93%
1,000	600,000	600	$50,502.95	$59,043.48	$8,540.53	16.91%
3,000	600,000	200	$76,962.95	$92,463.48	$15,500.53	20.14%
3,000	1,200,000	400	$117,956.81	$139,115.46	$21,158.66	17.94%
3,000	1,800,000	600	$151,450.66	$177,067.45	$25,616.78	16.91%
5,000	1,000,000	200	$128,252.19	$154,084.80	$25,832.61	20.14%
5,000	2,000,000	400	$196,575.28	$231,838.11	$35,262.83	17.94%
5,000	3,000,000	600	$252,398.37	$295,091.41	$42,693.04	16.91%

Comparison Of Monthly Bills At Present & Proposed Rates

PEAK-CONTROLLED SERVICE (Secondary Voltage)

Tier 2 Perf Factor B - No Firm Demand

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
50	10,000	200	$1,193.35	$1,407.93	$214.58	17.98%
50	20,000	400	$1,904.20	$2,185.35	$281.15	14.76%
50	30,000	600	$2,490.05	$2,817.78	$327.73	13.16%
75	15,000	200	$1,761.03	$2,082.89	$321.86	18.28%
75	30,000	400	$2,827.30	$3,249.03	$421.73	14.92%
75	45,000	600	$3,706.08	$4,197.67	$491.59	13.26%
100	20,000	200	$2,328.70	$2,757.85	$429.15	18.43%
100	40,000	400	$3,750.41	$4,312.71	$562.30	14.99%
100	60,000	600	$4,922.11	$5,577.56	$655.45	13.32%
150	30,000	200	$3,464.05	$4,107.78	$643.73	18.58%
150	60,000	400	$5,596.61	$6,440.06	$843.45	15.07%
150	90,000	600	$7,354.16	$8,337.34	$983.18	13.37%
200	40,000	200	$4,599.41	$5,457.71	$858.30	18.66%
200	80,000	400	$7,442.81	$8,567.42	$1,124.60	15.11%
200	120,000	600	$9,786.22	$11,097.12	$1,310.91	13.40%
300	60,000	200	$6,870.11	$8,157.56	$1,287.45	18.74%
300	120,000	400	$11,135.22	$12,822.12	$1,686.91	15.15%
300	180,000	600	$14,650.33	$16,616.68	$1,966.36	13.42%
400	80,000	200	$9,140.81	$10,857.42	$1,716.60	18.78%
400	160,000	400	$14,827.62	$17,076.83	$2,249.21	15.17%
400	240,000	600	$19,514.43	$22,136.25	$2,621.81	13.44%
500	100,000	200	$11,411.51	$13,557.27	$2,145.75	18.80%
500	200,000	400	$18,520.03	$21,331.54	$2,811.51	15.18%
500	300,000	600	$24,378.54	$27,655.81	$3,277.26	13.44%
1,000	200,000	200	$22,765.03	$27,056.54	$4,291.51	18.85%
1,000	400,000	400	$36,982.06	$42,605.08	$5,623.02	15.20%
1,000	600,000	600	$48,699.09	$55,253.61	$6,554.53	13.46%
3,000	600,000	200	$68,179.09	$81,053.61	$12,874.53	18.88%
3,000	1,200,000	400	$110,830.17	$127,699.23	$16,869.06	15.22%
3,000	1,800,000	600	$145,981.26	$165,644.84	$19,663.59	13.47%
5,000	1,000,000	200	$113,593.14	$135,050.69	$21,457.55	18.89%
5,000	2,000,000	400	$184,678.29	$212,793.38	$28,115.09	15.22%
5,000	3,000,000	600	$243,263.43	$276,036.07	$32,772.64	13.47%

Comparison Of Monthly Bills At Present & Proposed Rates

PEAK-CONTROLLED TOD SERVICE (Secondary Voltage)

40% On-Peak
60% Off-Peak

Tier 2 Perf Factor B - No Firm Demand

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
50	10,000	200	$1,174.73	$1,417.03	$242.30	20.63%
50	20,000	400	$1,866.96	$2,203.57	$336.60	18.03%
50	30,000	600	$2,434.19	$2,845.10	$410.91	16.88%
75	15,000	200	$1,733.10	$2,096.55	$363.45	20.97%
75	30,000	400	$2,771.44	$3,276.35	$504.91	18.22%
75	45,000	600	$3,622.29	$4,238.65	$616.36	17.02%
100	20,000	200	$2,291.46	$2,776.07	$484.60	21.15%
100	40,000	400	$3,675.92	$4,349.13	$673.21	18.31%
100	60,000	600	$4,810.39	$5,632.20	$821.81	17.08%
150	30,000	200	$3,408.19	$4,135.10	$726.91	21.33%
150	60,000	400	$5,484.89	$6,494.70	$1,009.81	18.41%
150	90,000	600	$7,186.58	$8,419.30	$1,232.72	17.15%
200	40,000	200	$4,524.92	$5,494.13	$969.21	21.42%
200	80,000	400	$7,293.85	$8,640.26	$1,346.42	18.46%
200	120,000	600	$9,562.77	$11,206.40	$1,643.63	17.19%
300	60,000	200	$6,758.39	$8,212.20	$1,453.81	21.51%
300	120,000	400	$10,911.77	$12,931.40	$2,019.63	18.51%
300	180,000	600	$14,315.16	$16,780.59	$2,465.44	17.22%
400	80,000	200	$8,991.85	$10,930.26	$1,938.42	21.56%
400	160,000	400	$14,529.69	$17,222.53	$2,692.83	18.53%
400	240,000	600	$19,067.54	$22,354.79	$3,287.25	17.24%
500	100,000	200	$11,225.31	$13,648.33	$2,423.02	21.59%
500	200,000	400	$18,147.62	$21,513.66	$3,366.04	18.55%
500	300,000	600	$23,819.93	$27,928.99	$4,109.06	17.25%
1,000	200,000	200	$22,392.62	$27,238.66	$4,846.04	21.64%
1,000	400,000	400	$36,237.24	$42,969.32	$6,732.09	18.58%
1,000	600,000	600	$47,581.85	$55,799.98	$8,218.13	17.27%
3,000	600,000	200	$67,061.85	$81,599.98	$14,538.13	21.68%
3,000	1,200,000	400	$108,595.71	$128,791.96	$20,196.26	18.60%
3,000	1,800,000	600	$142,629.56	$167,283.95	$24,654.38	17.29%
5,000	1,000,000	200	$111,731.09	$135,961.30	$24,230.21	21.69%
5,000	2,000,000	400	$180,954.18	$214,614.61	$33,660.43	18.60%
5,000	3,000,000	600	$237,677.27	$278,767.91	$41,090.64	17.29%

TIER 1 ENERGY-CONTROLLED RIDER (Secondary Voltage)

40% On-Peak
60% Off-Peak

Perf Factor C - No Firm Demand

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
50	10,000	200	$1,095.93	$1,335.49	$239.56	21.86%
50	20,000	400	$1,773.36	$2,106.99	$333.62	18.81%
50	30,000	600	$2,325.79	$2,733.48	$407.69	17.53%
75	15,000	200	$1,614.90	$1,974.24	$359.34	22.25%
75	30,000	400	$2,631.04	$3,131.48	$500.44	19.02%
75	45,000	600	$3,459.69	$4,071.22	$611.53	17.68%
100	20,000	200	$2,133.86	$2,612.99	$479.12	22.45%
100	40,000	400	$3,488.72	$4,155.97	$667.25	19.13%
100	60,000	600	$4,593.59	$5,408.96	$815.37	17.75%
150	30,000	200	$3,171.79	$3,890.48	$718.69	22.66%
150	60,000	400	$5,204.09	$6,204.96	$1,000.87	19.23%
150	90,000	600	$6,861.38	$8,084.44	$1,223.06	17.83%
200	40,000	200	$4,209.72	$5,167.97	$958.25	22.76%
200	80,000	400	$6,919.45	$8,253.94	$1,334.50	19.29%
200	120,000	600	$9,129.17	$10,759.92	$1,630.75	17.86%
300	60,000	200	$6,285.59	$7,722.96	$1,437.37	22.87%
300	120,000	400	$10,350.17	$12,351.92	$2,001.75	19.34%
300	180,000	600	$13,664.76	$16,110.87	$2,446.12	17.90%
400	80,000	200	$8,361.45	$10,277.94	$1,916.50	22.92%
400	160,000	400	$13,780.89	$16,449.89	$2,668.99	19.37%
400	240,000	600	$18,200.34	$21,461.83	$3,261.49	17.92%
500	100,000	200	$10,437.31	$12,832.93	$2,395.62	22.95%
500	200,000	400	$17,211.62	$20,547.86	$3,336.24	19.38%
500	300,000	600	$22,735.93	$26,812.79	$4,076.86	17.93%
1,000	200,000	200	$20,816.62	$25,607.86	$4,791.24	23.02%
1,000	400,000	400	$34,365.24	$41,037.72	$6,672.49	19.42%
1,000	600,000	600	$45,413.85	$53,567.58	$8,153.73	17.95%
3,000	600,000	200	$62,333.85	$76,707.58	$14,373.73	23.06%
3,000	1,200,000	400	$102,979.71	$122,997.16	$20,017.46	19.44%
3,000	1,800,000	600	$136,125.56	$160,586.75	$24,461.18	17.97%
5,000	1,000,000	200	$103,851.09	$127,807.30	$23,956.21	23.07%
5,000	2,000,000	400	$171,594.18	$204,956.61	$33,362.43	19.44%
5,000	3,000,000	600	$226,837.27	$267,605.91	$40,768.64	17.97%

Northern States Power Company
State of North Dakota Electric Jurisdiction
VOLTAGE DISCOUNT ANALYSIS
Demand Charge

Case No. PU-24-___
Exhibit___(NNP-1), Schedule 7

CCOSS - Page 2

	Distribution Cost - 2025	Secondary	Primary	Transmission Transformed	Total	
1	Sec - Line 33	$1,176			$1,176	
2	Pri - Line 32	$4,579	$1,032		$5,611	
3	Sub - Line 31	$2,495	$553		$3,049	
4	Total	$8,250	$1,585	$0	$9,835	
	Billing KW					
9	Sec	2,926			2,926	
10	Pri	2,926	271		3,197	
11	Sub	2,926	271		3,197	
	Incremental Losses					
12	Sec	1.0000				
13	Pri	1.0202	1.0000			
14	Sub	1.0351	1.0146	1.0000		
	Billing KW with Losses					
15	Sec	2,926			2,926	
16	Pri	2,985	271		3,256	
17	Sub	3,029	275		3,304	
	Cost per kW - 2025					
18	Sec (1) / (15)	$0.40			$0.40	(a)
19	Pri (2) / (16)	$1.56	$3.81		$1.72	(b)
20	Sub (3) / (17)	$0.85	$2.04		$0.92	(c)

Demand Voltage Discount	2025 Cost	Present	Proposed
Primary (a)	$0.40	$0.50	$0.40
Tr Transformed (a) + (b)	$2.12	$1.40	$1.70
Transmission (a) + (b) + (c)	$3.05	$2.10	$2.60

Northern States Power Company
State of North Dakota Electric Jurisdiction
VOLTAGE DISCOUNT ANALYSIS
Energy Charge

Case No. PU-24-___
Exhibit___(NNP-1), Schedule 7

		Secondary	Primary	Transmission Transformed	Transmission
1	E8760 Losses	4.17%	2.65%	2.68%	2.53%
2	Percent Difference	0.00%	1.52%	1.49%	1.64%
3	Prior Percent Difference		1.08%	2.05%	3.39%
4	Percent Difference - Max or Ave		1.30%	1.77%	2.52%
	Proposed General Service - per kWh				
3	Base Energy and Fuel - 2025	7.051 ¢	6.959 ¢	6.926 ¢	6.874 ¢
	Energy Voltage Discount - per kWh				
4	Discount from Secondary - 2025		0.090 ¢	0.120 ¢	0.180 ¢

Northern States Power Company
State of North Dakota Electric Jurisdiction
Test Year Ending December 31, 2025
Fuel Cost Rider - Service Category Ratio Calculation

Case No. PU-24-___
Exhibit___(NNP-1), Schedule 8

		SERVICE CATEGORY						
		Residential	C&I Non-Dmd	C&I Demand			Outdoor Lighting	RETAIL
	STEP 1: CLASS RATIOS							
1.	Hourly Marginal Energy Costs x Hourly Loads*	$27,158,183	$3,420,042	$41,701,877			$444,860	$72,724,962
2.	MWh Energy at Generator	809,205	102,758	1,290,627			16,263	2,218,853
3.	Load-Weighted Marginal Energy Cost /MWh =(1)/(2)	$33.562	$33.283	$32.311			$27.354	$32.776
4.	**Class Ratio (Class Unit Cost / Retail Unit Cost)**	**1.0240**	**1.0155**	**0.9858**			**0.8346**	**1.0000**
	STEP 2: C&I DEMAND TOD RATIOS							
				Non-TOD	**On-Peak**	**Off-Peak**		
5.	Ratio of On-Peak to Off-Peak System Weighted Marginal Energy Costs				1.4589			
6.	C&I Demand Class Time-of-Day Percentages from 8760 loads				0.3811	0.6189		
7.	C&I Demand TOD On-Peak Ratio = 1 / (0.3811 + (0.6189 / 1.459)) **				**1.2417**			
8.	C&I Demand TOD Off-Peak Ratio = 1 / ((1.459 x 0.3811) + 0.6189)) **					**0.8511**		
9.	C&I Demand Non-TOD On-Peak Weighting			0.3796				
10.	C&I Demand Non-TOD Off-Peak Weighting			0.6204				
11.	C&I Demand Non-TOD Ratio = (0.3796 x 1.2417) + (0.6204 x 0.8511)			**0.9994**				
	STEP 3: SERVICE CATEGORY RATIOS							
12.	= Step 1, or for C&I Demand, Step 1 x Step 2	**1.0240**	**1.0155**	**0.9852**	**1.2241**	**0.8390**	**0.8346**	
		(4)	*(4)*	*(4) x (11)*	*(4) x (7)*	*(4) x (8)*	*(4)*	

* E8760 Allocator = Sum of Hourly System Marginal Costs times Hourly Class Loads

** Based on C&I Demand Weighted Average = (38.11% class on-peak x on-peak charge) + (61.89% class off-peak x off-peak charge)

STATE OF NORTH DAKOTA
BEFORE THE
PUBLIC SERVICE COMMISSION

NORTHERN STATES POWER COMPANY 2025 ELECTRIC RATE INCREASE APPLICATION	)))	Case No. PU-24-___

AFFIDAVIT OF
Nicholas N. Paluck

I, the undersigned, being first duly sworn, depose and say that the foregoing is the Direct Testimony of the undersigned, and that such Direct Testimony and the exhibits or schedules sponsored by me to the best of my knowledge, information and belief, are true, correct, accurate and complete, and I hereby adopt said testimony as if given by me in formal hearing, under oath.

Nicholas N. Paluck

Nicholas N. Paluck

Subscribed and sworn to before me, this 21 day of November, 2024.

Notary Public
My Commission Expires: 1/31/2027

JODI LYNN YANZ
NOTARY PUBLIC
MINNESOTA
My Commission Expires 01/31/2027