

Direct Testimony and Schedules  
Steven V. Huso

Before the North Dakota Public Utilities Commission  
State of North Dakota

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

Case No. PU-10-\_\_\_\_  
Exhibit\_\_\_\_(SVH-1)

## **Rate Design**

December 20, 2010

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1 **I. INTRODUCTION AND QUALIFICATIONS**

2  
3 Q. PLEASE STATE YOUR NAME AND OCCUPATION.

4 A. My name is Steven V. Huso. I am a Pricing Consultant in Regulatory  
5 Administration for Xcel Energy Services Inc. (“XES”).

6  
7 Q. PLEASE SUMMARIZE YOUR QUALIFICATIONS AND EXPERIENCE.

8 A. I have over 31 years of experience with XES and its predecessor Northern States  
9 Power Company, a Minnesota corporation (“Xcel Energy” or the “Company”) in  
10 the areas of rate design, revenue forecasting and cost allocations that support  
11 pricing functions for the utility operating subsidiaries of Xcel Energy Inc. My  
12 qualifications and experience are further described in Exhibit\_\_(SVH-1),  
13 Schedule 1.

14  
15 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY IN THIS PROCEEDING?

16 A. My Direct Testimony presents the Company’s proposed rate-revenue analysis  
17 and class revenue responsibility. Company witness Mr. Michael A. Peppin and  
18 I each present different portions of the Company’s electric rate design  
19 proposals. I am also sponsoring the Company’s rate schedules and tariffs. A  
20 summary of the tariff changes proposed in this case is included as  
21 Exhibit\_\_(SVH-1), Schedule 8. I am also sponsoring the following schedules  
22 included with the NOTICE OF CHANGE IN RATES FOR ELECTRIC SERVICE:

23  
24 Under the Tab “Deficiency & Proposed Revenue”

25 Schedule 2 - Sales and Revenue by Rate Schedule

26 Schedule 3 – Comparison of Present & Proposed Rates

27

**II. RATE REVENUE ANALYSIS**

Q. WHAT ARE THE 2011 TEST-YEAR ELECTRIC REVENUES FROM SALES AT PRESENT AND PROPOSED RATE LEVELS?

A. Table 1 below shows 2011 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 includes proposed operating revenue increases other than the retail service rate increases; for example, higher late payment charge revenues associated with the proposed retail revenue increase and the revenue increases from proposed miscellaneous charge increases. These other increases are used to reduce the retail service rate increase.

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

	<b>Present</b>	<b>Proposed</b>	<b>Proposed Increase</b>	<b>Percent Increase</b>
Retail Service Rate Revenue	164,504	184,155	19,651	11.95%
Other Increases	0	122	122	
Total	164,504	184,277	19,773	12.02%

Company witness Mr. John M. Felling presents the 2011 test-year total revenue deficiency in his Direct Testimony. Test-year revenues are based on an application of test-year budgeted sales and customers, supported by Ms. Jannell E. Marks in her Direct Testimony, to both present and proposed rates.

Q. WHAT ARE THE STEP-IN 2012 ELECTRIC REVENUES FROM SALES AT PRESENT AND PROPOSED RATE LEVELS?

1 A. Present revenues are the same as those described above for 2011 test-year  
2 revenues. Proposed step-in 2012 revenues are shown in Table 2 below and  
3 are also presented in Mr. Felling's Direct Testimony.

4  
5 **Table 2**  
6 **Step 2012 Budget Test-Year Revenue (\$1,000's)**

	<b>Present</b>	<b>Proposed</b>	<b>Proposed Increase</b>	<b>Percent Increase</b>
Retail Service Rate Revenue	164,504	188,372	23,868	14.51%
Other Increases	0	131	131	
Total	164,504	188,503	23,999	14.59%

7  
8 Q. HAVE YOU PROVIDED MORE DETAILED COMPARISONS OF TEST-YEAR  
9 REVENUES?

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

12  
13 • **Sales and Revenue by Rate Schedule**

14 ○ Test-Year 2011: Exhibit\_\_\_(SVH-1), Schedule 2. Page 1 of 2

15 ○ Step-In 2012: Exhibit\_\_\_(SVH-1), Schedule 2. Page 2 of 2

16 • **Revenue by Rate Class**

17 ○ Exhibit\_\_\_(SVH-1), Schedule 3

18 • **Sales and Revenue by Rate Schedule and Component**

19 ○ Exhibit\_\_\_(SVH-1), Schedule 4  
20

21 Q. PLEASE DESCRIBE EXHIBIT\_\_\_(SVH-1), SCHEDULES 5 AND 6.

22 A. Schedule 5 compares present base rates to proposed base rates both with and  
23 without fuel costs. Schedule 6 is a monthly bill comparison of the present and  
24 proposed rates at different usage levels.

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**III. CLASS REVENUE RESPONSIBILITY**

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

A. The primary guideline for the proposed distribution of class revenue responsibility was the embedded class cost-of-service study (“CCOSS”), sponsored by Mr. Peppin in this proceeding. After reviewing the CCOSS results for both test-year 2011 and the 2012 step-in request, I found that both showed very similar class revenue deficiency relationships. I therefore used the average deficiency relationship of both versions as a guide for proposed class revenue responsibilities.

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

A. Revenues and cost levels by the major CCOSS class categories are compared in Table 3. Class cost levels are the test-year 2011 adjusted CCOSS revenue requirements that include a credit for proposed non-retail increases in other operating revenues.

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**Table 3**  
**Rate Revenue by CCOSS Class (\$1,000's)**

<b>Class</b>	<b>Present</b>	<b>TY 11 Cost</b>	<b>Proposed</b>	<b>Cost %</b>	<b>Prop %</b>
Residential	66,011	73,334	73,373	11.09%	11.15%
Non-Demand	10,986	11,960	12,061	8.87%	9.79%
C&I Demand	85,640	97,240	96,852	13.54%	13.09%
Lighting	1,867	1,621	1,869	-13.20%	0.07%
Total Retail	164,504	184,155	184,155	11.95%	11.95%
Total	164,504	184,277	184,277	12.02%	12.02%

- Q. PLEASE EXPLAIN HOW THE CLASS ALLOCATION PROPOSAL WAS DEVELOPED FOR EACH SERVICE CLASS.
- A. The class allocation proposal was developed as follows:
- The starting point was determining the proposed Residential class revenue target. Because a less than average increase would recover the cost of service for the Residential class, our proposal for this class is based on cost. The proposed 11.15 percent class increase is the average of the 11.09 percent cost of service increase for test-year 2011 and the 11.20 percent cost of service increase based on the 2012 cost of service relationships at the test-year 2011 cost level.
  - The proposed revenue level for the Commercial and Industrial (“C&I”) Non-Demand class is a 9.79 percent increase, which will move 75 percent of the distance to cost from the average retail increase. This small degree of moderation recognizes that the C&I Non-Demand class is further from cost than the Residential and C&I – Demand classes.
  - Lighting class revenue responsibility is proposed to remain at the present rate revenue level rather than at the CCOSS indicated decrease.

1 A decrease consistent with the CCOSS would be a significant  
2 differential from the 12 percent overall retail increase.

- 3 • Proposed C&I Demand class revenue was then set to recover the  
4 remaining revenue requirement, which results in a proposed increase  
5 that is only 0.45 percent below the full cost level.

6  
7 This approach promotes accurate and equitable pricing by moderately moving  
8 rates closer to class cost levels.

9  
10 Q. DID THE COMPANY CONSIDER FUEL COSTS IN DETERMING ITS PROPOSED  
11 CLASS REVENUE RESPONSIBILITIES?

12 A. Yes. The CCOSS and proposed class revenue responsibilities include base  
13 rates and the separate cost of fuel.

14  
15 Q. PLEASE FURTHER EXPLAIN THE COMPANY'S PROPOSAL FOR DETERMINING  
16 CLASS REVENUE RESPONSIBILITIES AT THE HIGHER 2012 STEP-IN REVENUE  
17 REQUIREMENT.

18 A. The Company proposes applying the 2011 test-year revenue distribution  
19 relationship by class to the higher 2012 step-in revenue requirement. The  
20 Company also proposes to extend this methodology to rate design, by using its  
21 proposed 2011 rate design for a final compliance rate design that incorporates  
22 the incremental step-in 2012 revenue requirement for implementation in 2012.  
23 A summary of the proposed class revenue distribution method by major  
24 CCOSS class is shown in Table 4.

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**Table 4**  
**Proposed Class Revenue (\$Millions) Distribution Method**

Class	Present		Proposed 2011		Proposed Step-In 2012	
	Revenue	Percent	Revenue	Percent	Revenue	Percent
Residential	66.01	40.13%	73.37	39.84%	75.05	39.84%
Non-Demand	10.98	6.68%	12.06	6.55%	12.34	6.55%
C&I Demand	85.64	52.06%	96.85	52.59%	99.07	52.59%
Lighting	1.87	1.14%	1.87	1.01%	1.91	1.01%
Retail	164.50	100.00%	184.15	100.00%	188.37	100.00%

**IV. RATE DESIGN OBJECTIVES**

Q. WHAT ARE THE COMPANY’S OBJECTIVES WHEN DEVELOPING ITS ELECTRIC RATE STRUCTURE?

- A. Our electric rate design objectives are to:
1. Produce revenue equal to the test-year revenue requirement when applied to test-year billing quantities, in order to provide a reasonable opportunity for the Company to earn its authorized return on investment.
  2. Accurately represent the resource costs of providing service and where appropriate the market value of service.
  3. Provide sufficient flexibility in pricing levels and provisions for the Company’s electric service to remain competitive in the broader energy market.
  4. Provide reasonable pricing by considering the importance of rate continuity, customer understanding, revenue stability, and administrative practicality.

Q. WHY IS IT VALUABLE TO LIST THESE RATE DESIGN OBJECTIVES?

1 A. The point of clearly presenting these objectives is to provide the foundation  
2 that supports and motivates the Company's recommendations for its cost of  
3 service analysis and design.

4  
5 **V. TIME OF DAY PRICING**

6  
7 Q. DOES THE COMPANY OFFER TIME-OF-DAY ("TOD") PRICING AS AN  
8 OPTIONAL SERVICE?

9 A. Yes. The Company has optional TOD rates that have been available to its  
10 North Dakota customers for approximately 30 years. TOD rates represent  
11 energy costs patterns more accurately than flat rates and provide customers  
12 with incentives to shift their usage to lower cost off-peak periods, but TOD  
13 service is more expensive to provide and TOD rates do not recognize energy  
14 cost differences between days, which are often greater than cost differences  
15 within days.

16  
17 Q. HAS THE NORTH DAKOTA COMMISSION STAFF EXPRESSED AN INTEREST IN  
18 EXPANDING THE USE OF TOD PRICING?

19 A. Yes. The North Dakota Commission Staff have, over the last couple years,  
20 discussed with Company representatives their interest in more accurate  
21 pricing. More recently, they asked about the feasibility of mandatory TOD  
22 pricing.

23  
24 Q. IS THE COMPANY PROPOSING MANDATORY TOD PRICING?

25 A. No. The Company's proposed rate design maintains TOD as an optional  
26 service for all customers, but does not make it mandatory.. In large part, we  
27 are concerned that the benefits of TOD pricing would not justify the

1 additional cost of service. This is a significant issue, particularly with the  
2 advent of smart metering technology and its implications for the economic  
3 feasibility of older TOD metering technology. While cost issues suggest that  
4 TOD pricing should remain optional at this time, the Company recognizes  
5 that metering and other TOD service costs become less significant at higher  
6 customer load levels. The Company would be glad to continue discussions  
7 with Staff about these and other TOD considerations.

## 9 VI. RATE DESIGN PROPOSALS

10  
11 Q. PLEASE SUMMARIZE THE COMPANY'S PROPOSED RATE DESIGN.

12 A. My rate design testimony discusses proposals other than revised rate levels  
13 that recover the proposed revenue responsibilities with no material rate design  
14 change. The Company's proposed rate design is generally unchanged from its  
15 present rate design. No customer charge increases are proposed in  
16 consideration of their present relationship to cost and for moderation to  
17 recognize the customer charge increases in the Company's last general electric  
18 rate case filing (Case No. PU-07-776).

19  
20 Q. DOES THE COMPANY HAVE RATE DESIGN PROPOSALS OTHER THAN THOSE IN  
21 YOUR TESTIMONY?

22 A. Yes, as I indicated above, Mr. Peppin will also present rate design proposals  
23 on behalf of the Company. My testimony will focus on the following services:

- 24 • Residential Service;
- 25 • Peak-Controlled Services;
- 26 • Street Lighting Services;
- 27 • Municipal Pumping Services;

- 1 • Fuel Cost Rider; and
- 2 • Standby Service.

3

4 **A. Residential Service**

5 Q. PLEASE DESCRIBE THE PROPOSED RATE DESIGN FOR RESIDENTIAL SERVICE.

6 A. The proposed Residential Service tariff retains the present structure, including  
7 the distinction for electric space heating. Based on cost of service distinctions,  
8 customers with electric space heating have higher customer charges and lower  
9 energy charges during the non-summer months of October through May. In  
10 order to continue following the overall cost difference between these two sub-  
11 classes, the overall proposed Residential increase of 11.15 percent was  
12 distributed as an 11.79 percent increase for standard non-heating service and  
13 9.72 percent increase for electric space heating service. The corresponding  
14 test-year 2011 cost of service increases for standard non-heating service are  
15 12.43 percent and 7.76 percent for electric space heating service.

16

17 **B. Peak-Controlled Services**

18 Q. DOES THE COMPANY PROPOSE ANY CHANGE TO PEAK-CONTROLLED SERVICE  
19 AND PEAK-CONTROLLED TIME OF DAY SERVICE?

20 A. Yes. The Company proposes a change to the Electric Service Agreements  
21 (“ESAs”) for these Peak-Controlled Services. ESAs are used to document  
22 interruptible service terms and performance requirements. They are used to  
23 recognize the longer-term commitments that are required to provide  
24 interruptible service as an effective alternative to generation capacity.

25

26 Q. WHAT CHANGE DOES THE COMPANY PROPOSE TO MAKE TO THE ESAS USED  
27 FOR PEAK-CONTROLLED SERVICES?

1 A. Rule No. 7 of the Rules for Application of Peak-Controlled Service specifies  
2 items that must be included in the ESA with customers. The Company  
3 proposes to remove the “Minimum demand charge differential” item. This  
4 item is the difference between the firm and controllable service demand  
5 charges per kW. It was established as an assurance to customers that the  
6 demand charge discount for interruptible service would not be reduced.

7

8 Q. WHAT IS THE PURPOSE OF REMOVING THIS MINIMUM DEMAND CHARGE  
9 DIFFERENTIAL FROM CUSTOMER CONTRACTS?

10 A. The Company anticipates that its Peak-Controlled Service rate design will  
11 eventually move away from a discount structure limited to only demand  
12 charges to a structure that also includes energy charge discounts or credits.

13

14 Q. WHY IS IT IMPORTANT TO MAKE THIS CHANGE NOW BEFORE YOU PROPOSE  
15 CHANGES TO THE INTERRUPTIBLE SERVICE RATE DESIGN?

16 A. ESAs have a have a minimum 5-year term. Retaining the minimum demand  
17 charge differential in new or renewed ESAs may limit our ability to transition  
18 to an alternative interruptible rate design in the future.

19

### 20 **C. Street Lighting Services**

21 Q. DOES THE PROPOSAL TO LEAVE THE LIGHTING CLASS AS A WHOLE AT THE  
22 PRESENT REVENUE LEVEL EXTEND TO THE DIFFERENT LIGHTING SUB-  
23 CLASSES?

24 A. No. The Company is proposing increases or decreases for Lighting sub-  
25 classes to recognize cost of service differences within the Lighting class as a  
26 whole. Proposed increases by sub-class are 6.24 percent for Leased

1 Equipment, -1.34 percent for Purchased Equipment (including Metered  
2 Service), and -3.99 percent for Protective Lighting.

3  
4 Q. WHY IS THE COMPANY PROPOSING TO REDUCE THE CUSTOMER CHARGE FOR  
5 STREET LIGHTING SERVICE – METERED (PURCHASED EQUIPMENT)?

6 A. The proposed reduction in the customer charge from \$12 to \$5 is designed to  
7 make metered service a more attractive lighting rate option and to improve  
8 consistency with flat rates (non-metered service). Metered service precisely  
9 measures lighting system energy use. It recognizes energy use changes from  
10 differences in lamp wattages or the number of lighting units, service outages,  
11 holiday lighting using the lighting service, and daylight use due to testing or  
12 photocell malfunctions. Metered rates also provide the customers the  
13 flexibility to introduce into their lighting systems new lamp wattages and  
14 technologies.

15  
16 Q. PLEASE EXPLAIN THE PROPOSED REVISIONS TO THE TITLES FOR TWO STREET  
17 LIGHTING RATE SCHEDULES.

18 A. We propose changing the title of the Street Lighting Service (Leased  
19 Equipment) rate schedule to Street Lighting System Service. The other  
20 proposed revision would change the title of the Street Lighting Service –  
21 Metered (Purchased Equipment) rate schedule to Street Lighting Energy  
22 Service – Metered. Both proposed revisions will establish more accurate and  
23 concise descriptions and will also improve consistency between state  
24 jurisdictions.

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**D. Municipal Pumping Services**

Q. HOW DOES THE PRESENT RATE DESIGNS FOR MUNICIPAL PUMPING SERVICES DIFFER FROM CORRESPONDING C&I SERVICES?

A. Present rate designs are the same as the corresponding C&I rate design with the following exceptions:

- Small Municipal Pumping energy rates are 0.52¢ per kWh less than those for Small General Service.
- Municipal Pumping Service demand rates are \$1.62 per kW less than those for General Service. Municipal Pumping Service also does not include the Energy Charge Credit component of C&I demand rates, which is a credit of 0.9¢ per kWh for energy use above 400 hours times billed demand.
- The Municipal Pumping Determination of Demand provision includes a 40 percent demand ratchet rather than the 50 percent level used for General Service and it excludes the General Service billed demand limit that exempts customers from billed demand that exceeds kWh energy use divided by 100 hours.

Q. DO PROPOSED MUNICIPAL PUMPING SERVICES INCLUDE THESE EXCEPTIONS?

A. No. Proposed Municipal Pumping Rates exclude these exceptions and are identical to the corresponding proposed C&I tariffs. This continues the transition process included in the Company’s last general rate case.

Q. WHAT ARE THE RESULTING PROPOSED INCREASES FOR THE MUNICIPAL PUMPING TARIFFS?

A. The proposed increase for Small Municipal Pumping is 15.5 percent, which is 3.5 percent above the average retail increase. The proposed increase for Municipal Pumping Service is 11.2 percent, which is less than the 12.9 percent increase proposed for General Service. This lower proposed increase for the Municipal Pumping Service is the result of the combined benefits of

1 establishing both the Energy Charge Credit and the billed demand limiter  
2 provision. These benefits offset the impact of the proposed removal of the  
3 Municipal Pumping demand charge discount and the small increase in the  
4 demand ratchet. These Municipal Pumping proposals will simplify the  
5 Company's rate design and remove inappropriate end-use pricing distinctions.

6  
7 **E. Fuel Cost Rider**

8 Q. WHAT CHANGE IS BEING PROPOSED BY THE COMPANY IN THE FUEL COST  
9 RIDER TARIFF?

10 A. No change is proposed to the structure and application of the Fuel Cost Rider  
11 ("FCR") tariff approved by the Commission in the Company's last rate case;  
12 however, the Company is proposing an update of the Service Category Ratios  
13 shown on Sheet 76.1 of the FCR tariff in order to reflect test-year 2011 data.

14  
15 Q. PLEASE EXPLAIN HOW THE REVISED SERVICE CATEGORY RATIOS WERE  
16 DETERMINED.

17 A. The calculation method of the proposed Service Category Ratios is the same  
18 as that used to determine the values in the present FCR tariff, but was updated  
19 with data for the 2011 test-year. The ratio for each service category measures  
20 the differences between load-weighted averages of test-year marginal energy  
21 costs. The relationship between the weighted average cost for each category  
22 and total retail determines each Service Category Ratio. The weighted average  
23 marginal cost for each service category is based on that category's hourly  
24 energy requirements multiplied by the system hourly marginal energy costs. A  
25 summary of the calculation of the proposed TY 2011 Service Category Ratios  
26 is shown in Exhibit\_\_\_ (SVH-1) Schedule 7. This calculation method was  
27 approved by the Commission in the Company's last rate case.

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Q. HAS THE COMMISSION DIRECTED THE COMPANY TO RETURN THE PROCEEDS FROM THE SALE OF RENEWABLE ENERGY CREDITS (“REC”) TO CUSTOMERS AS A CREDIT TO FUEL COSTS RECOVERED BY THE FUEL COST RIDER?

A. Yes. In its Order in Case No. PU-10-19 (“2010 REC Order”) the Commission directed the Company to apply any REC payments it receives as a credit to fuel costs recovered through the FCR until the effective date of final rates from the next rate case.

Q. HOW DOES THE COMPANY PROPOSE CREDITING RECS TO CUSTOMERS ONCE FINAL RATES TAKE EFFECT?

A. We propose continuing the current REC pass-through policy after final rates take effect. This would allow pass-throughs to continue beyond the sunset provision contained in the 2010 REC Order, providing additional opportunity to review and evaluate the effectiveness of the REC proceeds program.

**F. Standby Service**

Q. WHAT CHANGES ARE BEING PROPOSED FOR THE STANDBY SERVICE RIDER?

A. There are three noteworthy revisions, which are:

1. The current structure of the Standby tariff includes separate “unbundled” charges for each of the functional-cost components of generation (“G”), transmission (“T”), and distribution (“D”). This functional cost unbundling does not provide customers with useful information and makes the tariff more complex and difficult to understand. Therefore, the Company proposes bundling the functional components into a single Reservation Rate, one for each service-voltage level. This bundled cost structure is the same as that used in all other Company tariffs.

- 1           2. For Firm Standby Service, the T cost component of the Reservation Rate  
2           has been reduced from 100 percent of the embedded transmission costs  
3           to the 12 percent planning-reserve level. This lower planning-reserve  
4           level for the T component is conceptually more appropriate and is also  
5           consistent with the way the G cost component is currently determined  
6           for Firm Standby Service. A planning-reserve level is appropriate because  
7           this part of the customer's load requirement is not continuously served by  
8           the system's bulk power supply functions (G & T) like normal firm load.  
9           This load is served by the Company only when customer distributed  
10          generation ("DG") is out of service as a scheduled or forced outage.
- 11          3. For Non-Firm Standby Service, the T cost component has been reduced  
12          from 100 percent of the embedded transmission costs to zero. Here  
13          again, a zero T component is conceptually more appropriate for Non-  
14          Firm Standby Service and is consistent with the current zero G cost  
15          component for this same Non-Firm Standby Service. A zero T  
16          component (along with the zero G component) is appropriate because  
17          Non-Firm Standby Service requires that a DG customer not use Non-  
18          Firm Standby Service during a system peak-control interruption and must  
19          instead interrupt the load otherwise served by their DG facility.

20

21 Q. ARE THERE ANY OTHER CHANGES BEING PROPOSED FOR THE STANDBY  
22 SERVICE RIDER?

23 A. Yes. There are a number of proposed refinements to the language of the  
24 Standby Service Rider tariff. These refinements do not change the design and  
25 application of Standby Service, but will make the intent and meaning of tariff  
26 provisions more clear and easier to understand. Proposed Standby Service

1 revisions including these language refinements are shown in red-line format in  
2 the proposed tariffs included in this filing in Volume 2 Proposed Tariffs.

3  
4 **VII. CONCLUSION**

5  
6 Q. PLEASE SUMMARIZE YOUR TESTIMONY.

7 A. The Company has submitted a proposed distribution of revenue requirements  
8 by customer class that is reasonable and provides a moderate movement  
9 toward the cost of service. The Company's proposed rates are reasonable,  
10 consistent with its rate design objectives, and improve customer equity.

11  
12 Q. DOES THIS CONCLUDE YOUR TESTIMONY?

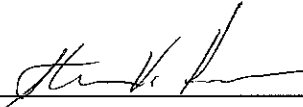
13 A. Yes, it does.

1 STATE OF NORTH DAKOTA  
2 BEFORE THE  
3 PUBLIC SERVICE COMMISSION  
4  
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6 In the Matter of the Application of Northern )  
7 States Power Company, a Minnesota corporation )  
8 For Authority to Increase Rates for Electric Service ) Case No. PU-10-\_\_\_\_  
9 in North Dakota )

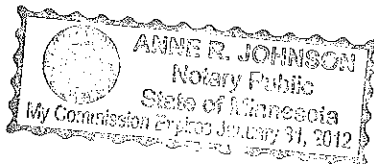
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13 **AFFIDAVIT OF**  
14 **Steven V. Huso**  
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17 I, the undersigned, being duly sworn, depose and say that the foregoing is  
18 the Direct Testimony of the undersigned, and that such Direct Testimony and the  
19 exhibits or schedules sponsored by me to the best of my knowledge, information  
20 and belief, are true, correct, accurate and complete, and I hereby adopt said  
21 testimony as if given by me in formal hearing, under oath.  
22

23  
24   
25 \_\_\_\_\_  
26 Steven V. Huso  
27

28  
29  
30 Subscribed and sworn to before me, this 16<sup>th</sup> day of December, 2010.  
31

32  
33   
34 \_\_\_\_\_  
35 Notary Public  
36



## **Statement of Qualifications and Experience**

### **Steven V. Huso**

I graduated from St. Olaf College in 1976 with a Bachelor of Arts degree in Mathematics and Economics. In 1979, I graduated from the University of St. Thomas with a Master of Business Administration degree.

I am a Pricing Consultant for Xcel Energy. I have been employed by Xcel Energy or its predecessor Northern States Power Company since 1979, when I began as a pricing analyst. I was Administrator-Rate Research from 1992 until 2000, except from 1993 to 1995 when I was Administrator-Pricing for Northern States Power Company-Wisconsin.

My job responsibilities include rate design, revenue forecasting and cost allocations that support pricing functions for the utility operating subsidiaries of Xcel Energy. I have prepared several papers and a published book chapter on electric utility pricing issues.

I have sponsored rate design testimony in proceedings before state regulatory commissions in Minnesota, North Dakota, South Dakota, Wisconsin, and Colorado.

**SALES AND REVENUE BY RATE SCHEDULE**

Service Schedule	Average Customers	MWH Sales			Test Year 2011 Revenues (\$1,000's)							
					Summer		Winter		Annual		Increase	
		Summer	Winter	Annual	Present	Proposed	Present	Proposed	Present	Proposed	Amount	Percent
<b>Residential</b>												
Residential	76,165	232,702	566,994	799,696	21,839	24,423	43,815	48,555	65,655	72,977	7,323	11.15%
Residential TOD	24	179	548	726	16	18	35	40	51	57	6	11.81%
Load Management	374	407	5,110	5,517	30	33	275	306	305	339	34	11.00%
<b>Res Total</b>	<b>76,564</b>	<b>233,287</b>	<b>572,652</b>	<b>805,939</b>	<b>21,884</b>	<b>24,473</b>	<b>44,126</b>	<b>48,900</b>	<b>66,011</b>	<b>73,373</b>	<b>7,363</b>	<b>11.15%</b>
<b>C&amp;I - Non-Demand</b>												
Small General	8,270	35,362	86,588	121,950	3,408	3,748	7,007	7,668	10,415	11,416	1,002	9.62%
Small General TOD	474	1,087	2,632	3,719	122	137	241	270	363	407	44	12.23%
Load Management	85	245	1,913	2,158	19	21	115	130	134	152	18	13.10%
<b>C&amp;I N-D Total</b>	<b>8,829</b>	<b>36,695</b>	<b>91,133</b>	<b>127,828</b>	<b>3,550</b>	<b>3,907</b>	<b>7,362</b>	<b>8,068</b>	<b>10,912</b>	<b>11,976</b>	<b>1,064</b>	<b>9.75%</b>
<b>C&amp;I - Demand</b>												
General	3,007	206,888	414,856	621,744	17,027	19,286	29,385	33,104	46,411	52,390	5,979	12.88%
General TOD	168	71,236	135,210	206,446	4,798	5,387	8,167	9,126	12,965	14,513	1,548	11.94%
Peak-Controlled	73	12,352	31,626	43,978	922	1,067	2,173	2,502	3,095	3,569	474	15.31%
Peak-Controlled TOD	15	40,013	82,004	122,016	2,433	2,751	4,522	5,094	6,955	7,844	889	12.78%
Energy-Controlled	93	100,207	192,313	292,520	5,300	6,074	9,960	11,401	15,261	17,475	2,214	14.51%
Real Time Pricing	0	0	0	0	0	0	0	0	0	0	0	
<b>C&amp;I Dmd Total</b>	<b>3,357</b>	<b>430,696</b>	<b>856,008</b>	<b>1,286,704</b>	<b>30,481</b>	<b>34,565</b>	<b>54,207</b>	<b>61,228</b>	<b>84,688</b>	<b>95,792</b>	<b>11,104</b>	<b>13.11%</b>
<b>C&amp;I Total</b>	<b>12,186</b>	<b>467,391</b>	<b>947,141</b>	<b>1,414,532</b>	<b>34,031</b>	<b>38,472</b>	<b>61,569</b>	<b>69,296</b>	<b>95,600</b>	<b>107,768</b>	<b>12,168</b>	<b>12.73%</b>
<b>Public Authorities</b>												
Small Mun Pumping	92	256	588	843	25	29	48	55	73	84	11	15.54%
Municipal Pumping	98	3,929	7,137	11,067	398	420	554	640	953	1,060	107	11.24%
Siren Service	0	0	0	0	0	0	1	1	1	1	0	12.77%
<b>PA Total</b>	<b>190</b>	<b>4,185</b>	<b>7,725</b>	<b>11,910</b>	<b>424</b>	<b>449</b>	<b>603</b>	<b>696</b>	<b>1,026</b>	<b>1,145</b>	<b>119</b>	<b>11.55%</b>
<b>Lighting</b>												
System Service	0	640	1,733	2,374	157	167	322	342	479	509	30	6.24%
Energy	0	3,456	9,354	12,810	310	304	666	658	976	962	-14	-1.41%
Metered Energy	17	181	491	672	11	10	28	28	38	38.53	0	0.47%
Protective Lighting	0	796	2,247	3,043	121	115	254	244	374	359	-15	-3.99%
<b>Lighting Total</b>	<b>17</b>	<b>5,074</b>	<b>13,824</b>	<b>18,899</b>	<b>598</b>	<b>597</b>	<b>1,270</b>	<b>1,272</b>	<b>1,867</b>	<b>1,869</b>	<b>1</b>	<b>0.07%</b>
<b>Total Retail</b>	<b>88,957</b>	<b>709,938</b>	<b>1,541,342</b>	<b>2,251,280</b>	<b>56,936</b>	<b>63,990</b>	<b>107,568</b>	<b>120,164</b>	<b>164,504</b>	<b>184,155</b>	<b>19,651</b>	<b>11.95%</b>
Other Rev Increase					0	41	0	82	0	122	122	
<b>Total Revenue</b>	<b>88,957</b>	<b>709,938</b>	<b>1,541,342</b>	<b>2,251,280</b>	<b>56,936</b>	<b>64,031</b>	<b>107,568</b>	<b>120,246</b>	<b>164,504</b>	<b>184,277</b>	<b>19,773</b>	<b>12.02%</b>

**SALES AND REVENUE BY RATE SCHEDULE**

Service Schedule	Average Customers	Step-In 2012 Revenues (\$1,000's)										
		MWH Sales			Summer		Winter		Annual		Increase	
		Summer	Winter	Annual	Present	Proposed	Present	Proposed	Present	Proposed	Amount	Percent
<b>Residential</b>												
Residential	76,165	232,702	566,994	799,696	21,839	24,982	43,815	49,667	65,655	74,649	8,994	13.70%
Residential TOD	24	179	548	726	16	18	35	40	51	58	7	14.38%
Load Management	374	407	5,110	5,517	30	33	275	313	305	346	41	13.54%
<b>Res Total</b>	<b>76,564</b>	<b>233,287</b>	<b>572,652</b>	<b>805,939</b>	<b>21,884</b>	<b>25,033</b>	<b>44,126</b>	<b>50,020</b>	<b>66,011</b>	<b>75,053</b>	<b>9,043</b>	<b>13.70%</b>
<b>C&amp;I - Non-Demand</b>												
Small General	8,270	35,362	86,588	121,950	3,408	3,834	7,007	7,844	10,415	11,678	1,263	12.13%
Small General TOD	474	1,087	2,632	3,719	122	140	241	276	363	417	54	14.80%
Load Management	85	245	1,913	2,158	19	22	115	133	134	155	21	15.69%
<b>C&amp;I N-D Total</b>	<b>8,829</b>	<b>36,695</b>	<b>91,133</b>	<b>127,828</b>	<b>3,550</b>	<b>3,997</b>	<b>7,362</b>	<b>8,253</b>	<b>10,912</b>	<b>12,250</b>	<b>1,338</b>	<b>12.26%</b>
<b>C&amp;I - Demand</b>												
General	3,007	206,888	414,856	621,744	17,027	19,728	29,385	33,862	46,411	53,590	7,179	15.47%
General TOD	168	71,236	135,210	206,446	4,798	5,510	8,167	9,335	12,965	14,846	1,880	14.50%
Peak-Controlled	73	12,352	31,626	43,978	922	1,091	2,173	2,560	3,095	3,651	556	17.95%
Peak-Controlled TOD	15	40,013	82,004	122,016	2,433	2,814	4,522	5,210	6,955	8,024	1,069	15.37%
Energy-Controlled	93	100,207	192,313	292,520	5,300	6,213	9,960	11,662	15,261	17,875	2,614	17.13%
Real Time Pricing	0	0	0	0	0	0	0	0	0	0	0	0
<b>C&amp;I Dmd Total</b>	<b>3,357</b>	<b>430,696</b>	<b>856,008</b>	<b>1,286,704</b>	<b>30,481</b>	<b>35,356</b>	<b>54,207</b>	<b>62,630</b>	<b>84,688</b>	<b>97,986</b>	<b>13,298</b>	<b>15.70%</b>
<b>C&amp;I Total</b>	<b>12,186</b>	<b>467,391</b>	<b>947,141</b>	<b>1,414,532</b>	<b>34,031</b>	<b>39,353</b>	<b>61,569</b>	<b>70,883</b>	<b>95,600</b>	<b>110,235</b>	<b>14,636</b>	<b>15.31%</b>
<b>Public Authorities</b>												
Small Mun Pumping	92	256	588	843	25	29	48	57	73	86	13	18.19%
Municipal Pumping	98	3,929	7,137	11,067	398	429	554	655	953	1,084	131	13.79%
Siren Service	0	0	0	0	0	0	1	1	1	1	0	15.35%
<b>PA Total</b>	<b>190</b>	<b>4,185</b>	<b>7,725</b>	<b>11,910</b>	<b>424</b>	<b>459</b>	<b>603</b>	<b>712</b>	<b>1,026</b>	<b>1,171</b>	<b>145</b>	<b>14.11%</b>
<b>Lighting</b>												
System Service	0	640	1,733	2,374	157	170	322	350	479	520	42	8.67%
Energy	0	3,456	9,354	12,810	310	311	666	673	976	984	8	0.85%
Metered Energy	17	181	491	672	11	11	28	29	38	39	1	2.77%
Protective Lighting	0	796	2,247	3,043	121	118	254	250	374	368	-7	-1.79%
<b>Lighting Total</b>	<b>17</b>	<b>5,074</b>	<b>13,824</b>	<b>18,899</b>	<b>598</b>	<b>610</b>	<b>1,270</b>	<b>1,301</b>	<b>1,867</b>	<b>1,912</b>	<b>44</b>	<b>2.36%</b>
<b>Total Retail</b>	<b>88,957</b>	<b>709,938</b>	<b>1,541,342</b>	<b>2,251,280</b>	<b>56,936</b>	<b>65,456</b>	<b>107,568</b>	<b>122,916</b>	<b>164,504</b>	<b>188,372</b>	<b>23,868</b>	<b>14.51%</b>
Other Rev Increase					0	44	0	88	0	131	131	
<b>Total Revenue</b>	<b>88,957</b>	<b>709,938</b>	<b>1,541,342</b>	<b>2,251,280</b>	<b>56,936</b>	<b>65,500</b>	<b>107,568</b>	<b>123,003</b>	<b>164,504</b>	<b>188,503</b>	<b>23,999</b>	<b>14.59%</b>

**REVENUE BY RATE CLASS**

<b>Test Year 2011 Revenues (\$1,000's)</b>						
<b>Total</b>		<b>Base</b>		<b>Fuel</b>		
Present	Proposed	Present	Proposed	Present	Proposed	
Residential Regular	45,796	51,190	31,227	36,516	14,570	14,674
Res Space Heating	20,265	22,235	13,212	15,132	7,053	7,103
Total Residential	66,062	73,426	44,439	51,648	21,623	21,777
Small Comm. & Ind.	76,667	86,261	47,258	57,021	29,409	29,239
Large Comm. & Ind.	19,257	21,814	10,234	12,789	9,023	9,025
Total Comm. & Ind.	95,923	108,075	57,491	69,810	38,432	38,264
Street Lighting	1,493	1,509	1,190	1,191	303	318
Public Authorities	1,026	1,145	697	818	329	327
Total Retail	164,504	184,155	103,818	123,468	60,687	60,687
Other Revenues Incr.		122		122		
Total Revenue	164,504	184,277	103,818	123,590	60,687	60,687

<b>Proposed Revenue Increase</b>						
<b>Total</b>		<b>Base</b>		<b>Fuel</b>		
Amount	Percent	Amount	Percent	Amount	Percent	
Residential Regular	5,394	11.78%	5,290	16.94%	104	0.71%
Res Space Heating	1,970	9.72%	1,920	14.53%	50	0.71%
Total Residential	7,364	11.15%	7,210	16.22%	154	0.71%
Small Comm. & Ind.	9,594	12.51%	9,764	20.66%	-169	-0.58%
Large Comm. & Ind.	2,557	13.28%	2,555	24.97%	2	0.02%
Total Comm. & Ind.	12,152	12.67%	12,319	21.43%	-167	-0.44%
Street Lighting	16	1.09%	1	0.10%	15	4.98%
Public Authorities	119	11.55%	121	17.29%	-2	-0.62%
Total Retail	19,650	0	19,650	0	0	0
Other Revenues Incr.	122		122		0	
Total Revenue	19,773	0	19,773	0	0	0

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase Annual	Pct Inc. Annual
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual		
<b>D01 Res OH ResReg Secondary</b>																
Cust Chg	Bills	193,321	386,389	579,711	\$9.00	\$9.00	\$9.00	\$9.00	1,740	3,478	5,217	1,740	3,478	5,217	0	0.0%
Energy	MWH	145,443	286,589	432,032	\$55.73	\$42.73	\$66.99	\$51.99	8,106	12,246	20,352	9,743	14,900	24,643	4,292	21.1%
SvrSwchAC	MWH	30,696	0	30,696	-\$12.49	\$0.00	-\$14.20	\$0.00	-383	0	-383	-436	0	-436	-53	13.7%
SvrSwchWH	MWH	5,362	10,965	16,327	-\$1.66	-\$1.39	-\$1.89	-\$1.57	-9	-15	-24	-10	-17	-27	-3	13.7%
Fuel Cost	MWH	145,443	286,589	432,032	\$27.52	\$26.54	\$27.71	\$26.73	4,002	7,605	11,607	4,031	7,659	11,690	83	0.7%
<b>Total:</b>									13,455	23,313	36,769	15,068	26,019	41,087	4,318	11.7%
<b>D01 Res OH ResSH Secondary</b>																
Cust Chg	Bills	69,581	139,060	208,641	\$12.00	\$12.00	\$12.00	\$12.00	835	1,669	2,504	835	1,669	2,504	0	0.0%
Energy	MWH	43,121	171,886	215,007	\$55.73	\$35.39	\$66.99	\$41.74	2,403	6,083	8,486	2,889	7,175	10,063	1,577	18.6%
SvrSwchAC	MWH	4,526	0	4,526	-\$12.49	\$0.00	-\$14.20	\$0.00	-57	0	-57	-64	0	-64	-8	13.7%
SvrSwchWH	MWH	2,451	10,363	12,814	-\$1.66	-\$1.24	-\$1.89	-\$1.37	-4	-13	-17	-5	-14	-19	-2	11.3%
Fuel Cost	MWH	43,121	171,886	215,007	\$27.52	\$26.54	\$27.71	\$26.73	1,187	4,561	5,748	1,195	4,594	5,789	41	0.7%
<b>Total:</b>									4,364	12,300	16,664	4,850	13,423	18,273	1,608	9.7%
<b>D03 Res UG ResReg Secondary</b>																
Cust Chg	Bills	32,266	64,490	96,756	\$11.00	\$11.00	\$11.00	\$11.00	355	709	1,064	355	709	1,064	0	0.0%
Energy	MWH	34,932	69,472	104,404	\$55.73	\$42.73	\$66.99	\$51.99	1,947	2,969	4,915	2,340	3,612	5,952	1,037	21.1%
SvrSwchAC	MWH	9,417	0	9,417	-\$12.49	\$0.00	-\$14.20	\$0.00	-118	0	-118	-134	0	-134	-16	13.7%
SvrSwchWH	MWH	1,357	2,806	4,163	-\$1.66	-\$1.39	-\$1.89	-\$1.57	-2	-4	-6	-3	-4	-7	-1	13.7%
Fuel Cost	MWH	34,932	69,472	104,404	\$27.52	\$26.54	\$27.71	\$26.73	961	1,844	2,805	968	1,857	2,825	20	0.7%
<b>Total:</b>									3,143	5,518	8,661	3,527	6,174	9,700	1,040	12.0%
<b>D03 Res UG ResSH Secondary</b>																
Cust Chg	Bills	9,631	19,248	28,878	\$14.00	\$14.00	\$14.00	\$14.00	135	269	404	135	269	404	0	0.0%
Energy	MWH	9,206	39,047	48,253	\$55.73	\$35.39	\$66.99	\$41.74	513	1,382	1,895	617	1,630	2,247	352	18.6%
SvrSwchAC	MWH	1,884	0	1,884	-\$12.49	\$0.00	-\$14.20	\$0.00	-24	0	-24	-27	0	-27	-3	13.7%
SvrSwchWH	MWH	711	2,714	3,425	-\$1.66	-\$1.24	-\$1.89	-\$1.37	-1	-3	-5	-1	-4	-5	-1	11.4%
Fuel Cost	MWH	9,206	39,047	48,253	\$27.52	\$26.54	\$27.71	\$26.73	253	1,036	1,290	255	1,044	1,299	9	0.7%
<b>Total:</b>									877	2,684	3,561	979	2,939	3,918	357	10.0%
<b>D02 Res TOD OH ResReg Secondary</b>																
Cust Chg	Bills	36	73	109	\$11.00	\$11.00	\$11.00	\$11.00	0	1	1	0	1	1	0	0.0%
Energy	On MWH	12	29	41	\$117.61	\$82.91	\$141.25	\$100.93	1	2	4	2	3	5	1	21.1%
Energy	Off MWH	24	79	103	\$18.61	\$18.61	\$23.00	\$23.00	0	1	2	1	2	2	0	23.6%
Fuel Cost	MWH	36	108	145	\$27.52	\$26.54	\$27.71	\$26.73	1	3	4	1	3	4	0	0.7%
<b>Total:</b>									3	8	11	4	8	12	1	11.9%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
<b>D02 Res TOD OH ResSH Secondary</b>																
Cust Chg	Bills	53	106	160	\$14.00	\$14.00	\$14.00	\$14.00	1	1	2	1	1	2	0	0.0%
Energy	On MWH	46	123	169	\$117.61	\$63.31	\$141.25	\$75.64	5	8	13	6	9	16	3	19.7%
Energy	Off MWH	84	263	347	\$18.61	\$18.61	\$23.00	\$23.00	2	5	6	2	6	8	2	23.6%
Fuel Cost	MWH	129	386	515	\$27.52	\$26.54	\$27.71	\$26.73	4	10	14	4	10	14	0	0.7%
<b>Total:</b>									11	24	36	13	27	40	4	11.8%
<b>D04 Res TOD UG ResSH Secondary</b>																
Cust Chg	Bills	8	16	25	\$16.00	\$16.00	\$16.00	\$16.00	0	0	0	0	0	0	0	0.0%
Energy	On MWH	4	18	22	\$117.61	\$63.31	\$141.25	\$75.64	1	1	2	1	1	2	0	19.7%
Energy	Off MWH	9	35	44	\$18.61	\$18.61	\$23.00	\$23.00	0	1	1	0	1	1	0	23.6%
Fuel Cost	MWH	13	53	66	\$27.52	\$26.54	\$27.71	\$26.73	0	1	2	0	1	2	0	0.7%
<b>Total:</b>									1	3	5	1	4	5	1	11.4%
<b>D05 EnergyCtrl N/D ResReg Secondary</b>																
Cust Chg	Bills	1,098	2,195	3,294	\$4.20	\$4.20	\$4.20	\$4.20	5	9	14	5	9	14	0	0.0%
Energy	MWH	270	3,589	3,858	\$25.19	\$25.19	\$31.00	\$31.00	7	90	97	8	111	120	22	23.1%
Opt Energy	MWH	71	820	891	\$55.73	\$25.19	\$66.99	\$31.00	4	21	25	5	25	30	6	22.6%
Fuel Cost	MWH	340	4,409	4,749	\$27.52	\$26.54	\$27.71	\$26.73	9	117	126	9	118	127	1	0.7%
<b>Total:</b>									25	237	262	27	264	291	29	11.0%
<b>D05 EnergyCtrl N/D Sm C&amp;I Secondary</b>																
Cust Chg	Bills	187	373	560	\$4.20	\$4.20	\$4.20	\$4.20	1	2	2	1	2	2	0	0.0%
Energy	MWH	61	899	960	\$23.68	\$23.68	\$31.00	\$31.00	1	21	23	2	28	30	7	30.9%
Opt Energy	MWH	75	387	462	\$56.64	\$23.68	\$66.99	\$31.00	4	9	13	5	12	17	4	26.9%
Fuel Cost	MWH	135	1,286	1,422	\$29.15	\$28.11	\$28.42	\$27.41	4	36	40	4	35	39	-1	-2.5%
<b>Total:</b>									10	68	79	12	77	88	10	12.2%
<b>D10 Limited Off-Peak ResReg Secondary</b>																
Cust Chg	Bills	400	799	1,199	\$4.20	\$4.20	\$4.20	\$4.20	2	3	5	2	3	5	0	0.0%
Energy	On MWH	3	27	30	\$200.00	\$200.00	\$240.00	\$240.00	1	5	6	1	7	7	1	20.0%
Energy	Off MWH	63	674	738	\$15.51	\$15.51	\$20.00	\$20.00	1	10	11	1	13	15	3	28.9%
Fuel Cost	MWH	66	702	768	\$27.52	\$26.54	\$27.71	\$26.73	2	19	20	2	19	21	0	0.7%
<b>Total:</b>									5	38	43	6	42	48	5	10.9%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase Annual	Pct Inc. Annual
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual		
<b>D10 Limited Off-Peak Sm C&amp;I Secondary</b>																
Cust Chg	Bills	100	199	299	\$4.20	\$4.20	\$4.20	\$4.20	0	1	1	0	1	1	0	0.0%
Cust Chg	Bills	55	109	164	\$6.00	\$6.00	\$6.00	\$6.00	0	1	1	0	1	1	0	0.0%
Cust Chg	Bills	0	0	0	\$30.00	\$30.00	\$30.00	\$30.00	0	0	0	0	0	0	0	0.0%
Energy	On MWH	18	101	119	\$200.00	\$200.00	\$240.00	\$240.00	4	20	24	4	24	29	5	20.0%
Energy	Off MWH	50	287	337	\$14.00	\$14.00	\$20.00	\$20.00	1	4	5	1	6	7	2	42.9%
Energy	Off MWH	42	238	280	\$14.00	\$14.00	\$20.00	\$20.00	1	3	4	1	5	6	2	42.9%
Energy	Off MWH	0	0	0	\$13.30	\$13.30	\$19.00	\$19.00	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	110	627	737	\$29.15	\$28.11	\$28.42	\$27.41	3	18	21	3	17	20	-1	-2.5%
<b>Total:</b>									9	47	56	10	53	63	8	14.3%
<b>D12 SmallGen Sm C&amp;I Secondary</b>																
Cust Chg	Bills	33,120	66,116	99,235	\$12.00	\$12.00	\$12.00	\$12.00	397	793	1,191	397	793	1,191	0	0.0%
Energy	MWH	35,362	86,588	121,950	\$56.64	\$43.64	\$66.99	\$51.99	2,003	3,779	5,782	2,369	4,502	6,871	1,089	18.8%
SvrSwchAC	Tons	4,575	0	4,575	-\$5.00	\$0.00	-\$5.00	\$0.00	-23	0	-23	-23	0	-23	0	0.0%
Fuel Cost	MWH	35,362	86,588	121,950	\$29.15	\$28.11	\$28.42	\$27.41	1,031	2,434	3,465	1,005	2,373	3,378	-87	-2.5%
<b>Total:</b>									3,408	7,007	10,415	3,748	7,668	11,416	1,002	9.6%
<b>D40 Small Mun Pumping Public Auth Secondary</b>																
Cust Chg	Bills	366	733	1,099	\$12.00	\$12.00	\$12.00	\$12.00	4	9	13	4	9	13	0	0.0%
Energy	MWH	256	588	843	\$51.44	\$38.44	\$66.99	\$51.99	13	23	36	17	31	48	12	33.4%
Fuel Cost	MWH	256	588	843	\$29.15	\$28.11	\$28.42	\$27.41	7	17	24	7	16	23	-1	-2.5%
<b>Total:</b>									25	48	73	29	55	84	11	15.5%
<b>D14 SmallGen TOD Sm C&amp;I Secondary</b>																
Cust Chg	Bills	1,386	2,766	4,152	\$14.00	\$14.00	\$14.00	\$14.00	19	39	58	19	39	58	0	0.0%
Energy	On MWH	508	1,214	1,723	\$96.60	\$68.70	\$118.63	\$86.02	49	83	133	60	104	165	32	24.3%
Energy	Off MWH	367	986	1,353	\$17.10	\$17.10	\$23.00	\$23.00	6	17	23	8	23	31	8	34.5%
SvrSwchAC	Tons	0	0	0	-\$5.00	\$0.00	-\$5.00	\$0.00	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	875	2,201	3,076	\$29.15	\$28.11	\$28.42	\$27.41	26	62	87	25	60	85	-2	-2.5%
<b>Total:</b>									100	201	301	113	226	339	38	12.6%
<b>D18 SGS TOD kWh Mtr Sm C&amp;I Secondary</b>																
Cust Chg	Bills	154	307	460	\$9.00	\$9.00	\$9.00	\$9.00	1	3	4	1	3	4	0	0.0%
Cust Chg	Bills	358	716	1,074	\$12.00	\$12.00	\$12.00	\$12.00	4	9	13	4	9	13	0	0.0%
LwWattLg	Bills	2,400	4,800	7,200	\$0.25	\$0.25	\$0.27	\$0.27	1	1	2	1	1	2	0	8.0%
Energy	MWH	212	432	643	\$44.90	\$35.20	\$56.47	\$45.06	10	15	25	12	19	31	7	27.1%
Fuel Cost	MWH	212	432	643	\$29.15	\$28.11	\$28.42	\$27.41	6	12	18	6	12	18	0	-2.5%
<b>Total:</b>									22	40	62	24	44	68	6	10.3%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
<b>D16 General Sm C&amp;I Secondary</b>																
Cust Chg	Bills	11,976	23,907	35,883	\$22.00	\$22.00	\$22.00	\$22.00	263	526	789	263	526	789	0	0.0%
Energy	MWH	195,217	389,580	584,798	\$21.30	\$21.30	\$26.24	\$26.24	4,158	8,298	12,456	5,122	10,223	15,345	2,889	23.2%
Energy Cr	MWH	8,632	21,173	29,805	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-78	-191	-268	-78	-191	-268	0	0.0%
SvrSwchAC	Tons	14,479	0	14,479	-\$5.00	\$0.00	-\$5.00	\$0.00	-72	0	-72	-72	0	-72	0	0.0%
Demand	KW	635,249	1,217,862	1,853,112	\$10.21	\$6.86	\$12.10	\$8.20	6,486	8,355	14,840	7,687	9,986	17,673	2,833	19.1%
Fuel Cost	MWH	195,217	389,580	584,798	\$27.56	\$27.56	\$27.43	\$27.43	5,379	10,735	16,114	5,354	10,684	16,038	-76	-0.5%
<b>Total:</b>									16,137	27,723	43,860	18,276	31,229	49,505	5,646	12.9%
<b>D16 General Lg C&amp;I Secondary</b>																
Cust Chg	Bills	4	8	12	\$22.00	\$22.00	\$22.00	\$22.00	0	0	0	0	0	0	0	0.0%
Energy	MWH	8,521	19,136	27,657	\$21.30	\$21.30	\$26.24	\$26.24	181	408	589	224	502	726	137	23.2%
Energy Cr	MWH	608	1,642	2,249	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-5	-15	-20	-5	-15	-20	0	0.0%
SvrSwchAC	Tons	0	0	0	-\$5.00	\$0.00	-\$5.00	\$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	23,782	52,180	75,963	\$10.21	\$6.86	\$12.10	\$8.20	243	358	601	288	428	716	115	19.1%
Fuel Cost	MWH	8,521	19,136	27,657	\$27.56	\$27.56	\$27.43	\$27.43	235	527	762	234	525	758	-4	-0.5%
<b>Total:</b>									654	1,278	1,932	740	1,440	2,180	248	12.8%
<b>D41 Municipal Pumping Public Auth Secondary</b>																
Cust Chg	Bills	394	788	1,182	\$22.00	\$22.00	\$22.00	\$22.00	9	17	26	9	17	26	0	0.0%
Energy	MWH	3,929	7,137	11,067	\$21.30	\$21.30	\$26.24	\$26.24	84	152	236	103	187	290	55	23.2%
Energy Cr	MWH	306	614	920	\$0.00	\$0.00	-\$9.00	-\$9.00	0	0	0	-3	-6	-8	-8	0.0%
Demand	KW	23,005	35,922	58,927	\$8.59	\$5.24	\$12.10	\$8.20	198	188	386	278	295	573	187	48.5%
Prop Dmd Adj.	KW	-6,234	-6,035	-12,269	\$0.00	\$0.00	\$12.10	\$8.20	0	0	0	-75	-49	-125	-125	0.0%
Fuel Cost	MWH	3,929	7,137	11,067	\$27.56	\$27.56	\$27.43	\$27.43	108	197	305	108	196	304	-1	-0.5%
<b>Total:</b>									398	554	953	420	640	1,060	107	11.2%
<b>D16 General Sm C&amp;I Primary</b>																
Cust Chg	Bills	65	130	195	\$22.00	\$22.00	\$22.00	\$22.00	1	3	4	1	3	4	0	0.0%
Energy	MWH	3,150	6,140	9,290	\$20.60	\$20.60	\$25.24	\$25.24	65	126	191	80	155	234	43	22.5%
Energy Cr	MWH	234	750	984	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-2	-7	-9	-2	-7	-9	0	0.0%
SvrSwchAC	Tons	0	0	0	-\$5.00	\$0.00	-\$5.00	\$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	9,122	15,238	24,361	\$9.36	\$6.01	\$11.50	\$7.60	85	92	177	105	116	221	44	24.7%
Fuel Cost	MWH	3,150	6,140	9,290	\$27.56	\$27.56	\$27.43	\$27.43	87	169	256	86	168	255	-1	-0.5%
<b>Total:</b>									236	383	620	270	435	705	86	13.8%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase Annual	Pct Inc. Annual
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual		
<b>D17 General TOD Sm C&amp;I Secondary</b>																
Cust Chg	Bills	642	1,282	1,924	\$25.00	\$25.00	\$25.00	\$25.00	16	32	48	16	32	48	0	0.0%
Energy	On MWH	15,685	28,979	44,664	\$28.65	\$28.65	\$34.36	\$34.36	449	830	1,280	539	996	1,535	255	19.9%
Energy	Off MWH	25,855	49,842	75,698	\$16.85	\$16.85	\$20.33	\$20.33	436	840	1,276	526	1,013	1,539	263	20.7%
Energy Cr	MWH	7,587	14,581	22,168	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-68	-131	-200	-68	-131	-200	0	0.0%
SvrSwchAC	Tons	923	0	923	-\$5.00	\$0.00	-\$5.00	\$0.00	-5	0	-5	-5	0	-5	0	0.0%
Demand	KW	87,531	165,152	252,683	\$10.21	\$6.86	\$12.10	\$8.20	894	1,133	2,027	1,059	1,354	2,413	387	19.1%
Off Dmd	KW	1,713	5,518	7,231	\$1.85	\$1.85	\$1.40	\$1.40	3	10	13	2	8	10	-3	-24.3%
Fuel Cost	On MWH	15,685	28,979	44,664	\$35.42	\$35.42	\$34.74	\$34.74	556	1,026	1,582	545	1,007	1,552	-30	-1.9%
Fuel Cost	Off MWH	25,855	49,842	75,698	\$20.83	\$20.83	\$21.27	\$21.27	539	1,038	1,577	550	1,060	1,610	33	2.1%
<b>Total:</b>									2,819	4,779	7,598	3,164	5,339	8,503	905	11.9%
<b>D17 General TOD Lg C&amp;I Secondary</b>																
Cust Chg	Bills	8	16	24	\$25.00	\$25.00	\$25.00	\$25.00	0	0	1	0	0	1	0	0.0%
Energy	On MWH	9,175	19,062	28,237	\$28.65	\$28.65	\$34.36	\$34.36	263	546	809	315	655	970	161	19.9%
Energy	Off MWH	13,515	25,870	39,384	\$16.85	\$16.85	\$20.33	\$20.33	228	436	664	275	526	801	137	20.7%
Energy Cr	MWH	4,297	9,876	14,173	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-39	-89	-128	-39	-89	-128	0	0.0%
SvrSwchAC	Tons	0	0	0	-\$5.00	\$0.00	-\$5.00	\$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	45,766	88,457	134,223	\$10.21	\$6.86	\$12.10	\$8.20	467	607	1,074	554	725	1,279	205	19.1%
Off Dmd	KW	467	976	1,443	\$1.85	\$1.85	\$1.40	\$1.40	1	2	3	1	1	2	-1	-24.3%
Fuel Cost	On MWH	9,175	19,062	28,237	\$35.42	\$35.42	\$34.74	\$34.74	325	675	1,000	319	662	981	-19	-1.9%
Fuel Cost	Off MWH	13,515	25,870	39,384	\$20.83	\$20.83	\$21.27	\$21.27	282	539	820	288	550	838	17	2.1%
<b>Total:</b>									1,527	2,716	4,243	1,712	3,032	4,744	501	11.8%
<b>D17 General TOD Sm C&amp;I Primary</b>																
Cust Chg	Bills	16	32	49	\$25.00	\$25.00	\$25.00	\$25.00	0	1	1	0	1	1	0	0.0%
Energy	On MWH	907	1,760	2,667	\$27.95	\$27.95	\$33.36	\$33.36	25	49	75	30	59	89	14	19.4%
Energy	Off MWH	1,422	2,991	4,413	\$16.15	\$16.15	\$19.33	\$19.33	23	48	71	27	58	85	14	19.7%
Energy Cr	MWH	416	849	1,265	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-4	-8	-11	-4	-8	-11	0	0.0%
SvrSwchAC	Tons	0	0	0	-\$5.00	\$0.00	-\$5.00	\$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	4,851	10,286	15,138	\$9.36	\$6.01	\$11.50	\$7.60	45	62	107	56	78	134	27	24.9%
Off Dmd	KW	271	1,100	1,371	\$1.00	\$1.00	\$0.80	\$0.80	0	1	1	0	1	1	0	-20.0%
Fuel Cost	On MWH	907	1,760	2,667	\$35.42	\$35.42	\$34.74	\$34.74	32	62	94	32	61	93	-2	-1.9%
Fuel Cost	Off MWH	1,422	2,991	4,413	\$20.83	\$20.83	\$21.27	\$21.27	30	62	92	30	64	94	2	2.1%
<b>Total:</b>									152	278	431	172	314	486	55	12.8%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase Annual	Pct Inc. Annual
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual		
<b>D17 General TOD Lg C&amp;I Primary</b>																
Cust Chg	Bills	8	16	24	\$25.00	\$25.00	\$25.00	\$25.00	0	0	1	0	0	1	0	0.0%
Energy	MWH	1,775	2,645	4,420	\$27.95	\$27.95	\$33.36	\$33.36	50	74	124	59	88	147	24	19.4%
Energy	On MWH	2,903	4,062	6,964	\$16.15	\$16.15	\$19.33	\$19.33	47	66	112	56	79	135	22	19.7%
Energy Cr	Off MWH	576	575	1,151	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-5	-5	-10	-5	-5	-10	0	0.0%
SvrSwchAC	Tons	0	0	0	-\$5.00	\$0.00	-\$5.00	\$0.00	0	0	0	0	0	0	0	0.0%
Demand	KW	9,107	13,377	22,484	\$9.36	\$6.01	\$11.50	\$7.60	85	80	166	105	102	206	41	24.6%
Off Dmd	KW	6	16	23	\$1.00	\$1.00	\$0.80	\$0.80	0	0	0	0	0	0	0	-20.0%
Fuel Cost	On MWH	1,775	2,645	4,420	\$35.42	\$35.42	\$34.74	\$34.74	63	94	157	62	92	154	-3	-1.9%
Fuel Cost	Off MWH	2,903	4,062	6,964	\$20.83	\$20.83	\$21.27	\$21.27	60	85	145	62	86	148	3	2.1%
<b>Total:</b>									300	393	694	338	442	780	87	12.5%
<b>D20 Peak-Ctrl Tier Sm C&amp;I Secondary</b>																
Cust Chg	Bills	289	576	865	\$50.00	\$50.00	\$50.00	\$50.00	14	29	43	14	29	43	0	0.0%
Energy	MWH	11,726	30,004	41,730	\$21.30	\$21.30	\$26.24	\$26.24	250	639	889	308	787	1,095	206	23.2%
Energy Cr	MWH	134	392	526	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-1	-4	-5	-1	-4	-5	0	0.0%
Demand	KW	9,162	18,404	27,566	\$10.21	\$6.86	\$12.10	\$8.20	94	126	220	111	151	262	42	19.1%
Control Dmd	KW	16,318	42,631	58,949	\$5.09	\$5.09	\$6.61	\$6.61	83	217	300	108	282	390	90	29.9%
Control Dmd	KW	19,618	42,631	62,248	\$4.61	\$4.61	\$6.13	\$6.13	90	197	287	120	261	382	95	33.0%
Control Dmd	KW	6,229	9,503	15,732	\$4.21	\$4.21	\$5.73	\$5.73	26	40	66	36	54	90	24	36.1%
Control Dmd	KW	0	0	0	\$4.46	\$4.46	\$5.98	\$5.98	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$4.01	\$4.01	\$5.53	\$5.53	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$3.51	\$3.51	\$5.03	\$5.03	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	11,726	30,004	41,730	\$27.56	\$27.56	\$27.43	\$27.43	323	827	1,150	322	823	1,144	-5	-0.5%
<b>Total:</b>									879	2,071	2,950	1,017	2,384	3,401	451	15.3%
<b>D20 Peak-Ctrl Tier Sm C&amp;I Primary</b>																
Cust Chg	Bills	4	8	12	\$50.00	\$50.00	\$50.00	\$50.00	0	0	1	0	0	1	0	0.0%
Energy	MWH	626	1,622	2,248	\$20.60	\$20.60	\$25.24	\$25.24	13	33	46	16	41	57	10	22.5%
Energy Cr	MWH	3	0	3	-\$9.00	-\$9.00	-\$9.00	-\$9.00	0	0	0	0	0	0	0	0.0%
Demand	KW	619	1,200	1,819	\$9.36	\$6.01	\$11.50	\$7.60	6	7	13	7	9	16	3	24.9%
Control Dmd	KW	1,595	3,888	5,483	\$4.24	\$4.24	\$6.01	\$6.01	7	16	23	10	23	33	10	41.7%
Control Dmd	KW	0	0	0	\$3.76	\$3.76	\$5.53	\$5.53	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$3.36	\$3.36	\$5.13	\$5.13	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$3.61	\$3.61	\$5.38	\$5.38	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$3.16	\$3.16	\$4.93	\$4.93	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$2.66	\$2.66	\$4.43	\$4.43	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	626	1,622	2,248	\$27.56	\$27.56	\$27.43	\$27.43	17	45	62	17	44	62	0	-0.5%
<b>Total:</b>									43	102	145	50	118	168	23	15.9%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
<b>D21 Peak-Ctrl Tier TOD Sm C&amp;I Secondary</b>																
Cust Chg	Bills	41	81	122	\$50.00	\$50.00	\$50.00	\$50.00	2	4	6	2	4	6	0	0.0%
Energy	On MWH	649	1,703	2,352	\$28.65	\$28.65	\$34.36	\$34.36	19	49	67	22	59	81	13	19.9%
Energy	Off MWH	706	2,214	2,920	\$16.85	\$16.85	\$20.33	\$20.33	12	37	49	14	45	59	10	20.7%
Energy Cr	MWH	225	684	909	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-2	-6	-8	-2	-6	-8	0	0.0%
Demand	KW	1,195	1,872	3,067	\$10.21	\$6.86	\$12.10	\$8.20	12	13	25	14	15	30	5	19.0%
Off Dmd	KW	71	136	207	\$1.85	\$1.85	\$1.40	\$1.40	0	0	0	0	0	0	0	-24.3%
Control Dmd	KW	1,587	5,361	6,949	\$5.09	\$5.09	\$6.61	\$6.61	8	27	35	10	35	46	11	29.9%
Control Dmd	KW	590	1,954	2,544	\$4.61	\$4.61	\$6.13	\$6.13	3	9	12	4	12	16	4	33.0%
Control Dmd	KW	204	296	501	\$4.21	\$4.21	\$5.73	\$5.73	1	1	2	1	2	3	1	36.1%
Control Dmd	KW	0	0	0	\$4.46	\$4.46	\$5.98	\$5.98	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$4.01	\$4.01	\$5.53	\$5.53	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$3.51	\$3.51	\$5.03	\$5.03	0	0	0	0	0	0	0	0.0%
Fuel Cost	On MWH	649	1,703	2,352	\$35.42	\$35.42	\$34.74	\$34.74	23	60	83	23	59	82	-2	-1.9%
Fuel Cost	Off MWH	706	2,214	2,920	\$20.83	\$20.83	\$21.27	\$21.27	15	46	61	15	47	62	1	2.1%
<b>Total:</b>									92	241	333	104	272	376	43	12.9%
<b>D21 Peak-Ctrl Tier TOD Lg C&amp;I Secondary</b>																
Cust Chg	Bills	16	32	48	\$50.00	\$50.00	\$50.00	\$50.00	1	2	2	1	2	2	0	0.0%
Energy	On MWH	13,855	27,371	41,226	\$28.65	\$28.65	\$34.36	\$34.36	397	784	1,181	476	940	1,417	235	19.9%
Energy	Off MWH	24,437	49,081	73,518	\$16.85	\$16.85	\$20.33	\$20.33	412	827	1,239	497	998	1,495	256	20.7%
Energy Cr	MWH	8,562	21,557	30,119	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-77	-194	-271	-77	-194	-271	0	0.0%
Demand	KW	38,193	64,347	102,540	\$10.21	\$6.86	\$12.10	\$8.20	390	441	831	462	528	990	158	19.1%
Off Dmd	KW	325	912	1,237	\$1.85	\$1.85	\$1.40	\$1.40	1	2	2	0	1	2	-1	-24.3%
Control Dmd	KW	0	0	0	\$5.09	\$5.09	\$6.61	\$6.61	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	29,668	55,295	84,963	\$4.61	\$4.61	\$6.13	\$6.13	137	255	392	182	339	521	129	33.0%
Control Dmd	KW	11,539	17,339	28,878	\$4.21	\$4.21	\$5.73	\$5.73	49	73	122	66	99	165	44	36.1%
Control Dmd	KW	0	0	0	\$4.46	\$4.46	\$5.98	\$5.98	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$4.01	\$4.01	\$5.53	\$5.53	0	0	0	0	0	0	0	0.0%
Control Dmd	KW	0	0	0	\$3.51	\$3.51	\$5.03	\$5.03	0	0	0	0	0	0	0	0.0%
Fuel Cost	On MWH	13,855	27,371	41,226	\$35.42	\$35.42	\$34.74	\$34.74	491	969	1,460	481	951	1,432	-28	-1.9%
Fuel Cost	Off MWH	24,437	49,081	73,518	\$20.83	\$20.83	\$21.27	\$21.27	509	1,022	1,532	520	1,044	1,564	32	2.1%
<b>Total:</b>									2,308	4,182	6,490	2,608	4,708	7,317	827	12.7%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase Annual	Pct Inc. Annual
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual		
<b>D21 Peak-Ctrl Tier TOD Sm C&amp;I Primary</b>																
Cust Chg	Bills	4	8	12	\$50.00	\$50.00	\$50.00	\$50.00	0	0	1	0	0	1	0	0.0%
Energy	On	MWH	208	708	916	\$27.95	\$27.95	\$33.36	\$33.36	6	20	26	7	24	31	5 19.4%
Energy	Off	MWH	158	927	1,085	\$16.15	\$16.15	\$19.33	\$19.33	3	15	18	3	18	21	3 19.7%
Energy Cr		MWH	0	256	256	-\$9.00	-\$9.00	-\$9.00	-\$9.00	0	-2	-2	0	-2	-2	0 0.0%
Demand		KW	1,105	1,998	3,103	\$9.36	\$6.01	\$11.50	\$7.60	10	12	22	13	15	28	6 24.8%
Off Dmd		KW	27	1	28	\$1.00	\$1.00	\$0.80	\$0.80	0	0	0	0	0	0	0 -20.0%
Control Dmd		KW	795	2,345	3,141	\$4.24	\$4.24	\$6.01	\$6.01	3	10	13	5	14	19	6 41.7%
Control Dmd		KW	0	0	0	\$3.76	\$3.76	\$5.53	\$5.53	0	0	0	0	0	0	0 0.0%
Control Dmd		KW	0	0	0	\$3.36	\$3.36	\$5.13	\$5.13	0	0	0	0	0	0	0 0.0%
Control Dmd		KW	0	0	0	\$3.61	\$3.61	\$5.38	\$5.38	0	0	0	0	0	0	0 0.0%
Control Dmd		KW	0	0	0	\$3.16	\$3.16	\$4.93	\$4.93	0	0	0	0	0	0	0 0.0%
Control Dmd		KW	0	0	0	\$2.66	\$2.66	\$4.43	\$4.43	0	0	0	0	0	0	0 0.0%
Fuel Cost	On	MWH	208	708	916	\$35.42	\$35.42	\$34.74	\$34.74	7	25	32	7	25	32	-1 -1.9%
Fuel Cost	Off	MWH	158	927	1,085	\$20.83	\$20.83	\$21.27	\$21.27	3	19	23	3	20	23	0 2.1%
<b>Total:</b>									33	99	132	38	113	152	19 14.6%	
<b>D22 Energy-Control Rider Sm C&amp;I Secondary</b>																
Cust Chg	Bills	325	649	974	\$50.00	\$50.00	\$50.00	\$50.00	16	32	49	16	32	49	0	0.0%
Energy	On	MWH	1,545	3,003	4,548	\$28.65	\$28.65	\$34.36	\$34.36	44	86	130	53	103	156	26 19.9%
Energy	OnC	MWH	18,653	36,064	54,717	\$26.18	\$26.18	\$31.89	\$31.89	488	944	1,432	595	1,150	1,745	312 21.8%
Energy	Off	MWH	2,420	4,570	6,990	\$16.85	\$16.85	\$20.33	\$20.33	41	77	118	49	93	142	24 20.7%
Energy	OffC	MWH	27,310	54,319	81,629	\$15.49	\$15.49	\$18.97	\$18.97	423	841	1,264	518	1,030	1,549	284 22.5%
Energy Cr		MWH	5,877	13,902	19,779	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-53	-125	-178	-53	-125	-178	0 0.0%
Demand		KW	8,329	11,440	19,769	\$10.21	\$6.86	\$12.10	\$8.20	85	78	164	101	94	195	31 19.0%
Off Dmd		KW	913	3,031	3,944	\$1.85	\$1.85	\$1.40	\$1.40	2	6	7	1	4	6	-2 -24.3%
Control Dmd		KW	10,575	28,168	38,743	\$4.46	\$4.46	\$5.98	\$5.98	47	126	173	63	168	232	59 34.1%
Control Dmd		KW	35,365	67,380	102,745	\$4.01	\$4.01	\$5.53	\$5.53	142	270	412	196	373	568	156 37.9%
Control Dmd		KW	68,961	115,865	184,827	\$3.51	\$3.51	\$5.03	\$5.03	242	407	649	347	583	930	281 43.3%
AnnMinDmd		KW	393	785	1,178	\$1.00	\$1.00	\$1.34	\$1.34	0	1	1	1	1	2	0 34.0%
Fuel Cost	On	MWH	20,198	39,067	59,265	\$35.42	\$35.42	\$34.74	\$34.74	715	1,384	2,099	702	1,357	2,059	-40 -1.9%
Fuel Cost	Off	MWH	29,730	58,889	88,619	\$20.83	\$20.83	\$21.27	\$21.27	619	1,227	1,846	632	1,253	1,885	39 2.1%
<b>Total:</b>									2,813	5,354	8,167	3,221	6,117	9,338	1,172 14.3%	

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.	
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual	
<b>D22 Energy-Control Rider Lg C&amp;I Secondary</b>																	
Cust Chg	Bills	12	24	36	\$50.00	\$50.00	\$50.00	\$50.00	1	1	2	1	1	2	0	0.0%	
Energy	On	MWH	337	470	807	\$28.65	\$28.65	\$34.36	\$34.36	10	13	23	12	16	28	5	19.9%
Energy	OnC	MWH	1,236	3,711	4,947	\$26.18	\$26.18	\$31.89	\$31.89	32	97	130	39	118	158	28	21.8%
Energy	Off	MWH	443	629	1,072	\$16.85	\$16.85	\$20.33	\$20.33	7	11	18	9	13	22	4	20.7%
Energy	OffC	MWH	1,419	4,243	5,662	\$15.49	\$15.49	\$18.97	\$18.97	22	66	88	27	80	107	20	22.5%
Energy Cr		MWH	599	1,837	2,436	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-5	-17	-22	-5	-17	-22	0	0.0%
Demand		KW	1,960	1,117	3,077	\$10.21	\$6.86	\$12.10	\$8.20	20	8	28	24	9	33	5	18.8%
Off Dmd		KW	110	671	781	\$1.85	\$1.85	\$1.40	\$1.40	0	1	1	0	1	1	0	-24.3%
Control Dmd		KW	0	0	0	\$4.46	\$4.46	\$5.98	\$5.98	0	0	0	0	0	0	0	0.0%
Control Dmd		KW	0	0	0	\$4.01	\$4.01	\$5.53	\$5.53	0	0	0	0	0	0	0	0.0%
Control Dmd		KW	7,709	22,214	29,923	\$3.51	\$3.51	\$5.03	\$5.03	27	78	105	39	112	151	45	43.3%
AnnMinDmd		KW	1,633	3,266	4,899	\$1.00	\$1.00	\$1.34	\$1.34	2	3	5	2	4	7	2	34.0%
Fuel Cost	On	MWH	1,573	4,181	5,754	\$35.42	\$35.42	\$34.74	\$34.74	56	148	204	55	145	200	-4	-1.9%
Fuel Cost	Off	MWH	1,861	4,872	6,733	\$20.83	\$20.83	\$21.27	\$21.27	39	101	140	40	104	143	3	2.1%
<b>Total:</b>									210	511	721	241	588	829	107	14.9%	
<b>D22 Energy-Control Rider Sm C&amp;I Primary</b>																	
Cust Chg	Bills	8	16	24	\$50.00	\$50.00	\$50.00	\$50.00	0	1	1	0	1	1	0	0.0%	
Energy	On	MWH	1,639	2,856	4,495	\$27.95	\$27.95	\$33.36	\$33.36	46	80	126	55	95	150	24	19.4%
Energy	OnC	MWH	1,520	3,123	4,643	\$25.48	\$25.48	\$30.89	\$30.89	39	80	118	47	96	143	25	21.2%
Energy	Off	MWH	3,137	5,425	8,562	\$16.15	\$16.15	\$19.33	\$19.33	51	88	138	61	105	165	27	19.7%
Energy	OffC	MWH	2,166	5,123	7,290	\$14.79	\$14.79	\$17.97	\$17.97	32	76	108	39	92	131	23	21.5%
Energy Cr		MWH	368	2,039	2,407	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-3	-18	-22	-3	-18	-22	0	0.0%
Demand		KW	0	0	0	\$9.36	\$6.01	\$11.50	\$7.60	0	0	0	0	0	0	0	0.0%
Off Dmd		KW	264	1,245	1,509	\$1.00	\$1.00	\$0.80	\$0.80	0	1	2	0	1	1	0	-20.0%
Control Dmd		KW	0	0	0	\$3.61	\$3.61	\$5.38	\$5.38	0	0	0	0	0	0	0	0.0%
Control Dmd		KW	0	0	0	\$3.16	\$3.16	\$4.93	\$4.93	0	0	0	0	0	0	0	0.0%
Control Dmd		KW	9,349	17,354	26,704	\$2.66	\$2.66	\$4.43	\$4.43	25	46	71	41	77	118	47	66.5%
Fuel Cost	On	MWH	3,158	5,979	9,138	\$35.42	\$35.42	\$34.74	\$34.74	112	212	324	110	208	317	-6	-1.9%
Fuel Cost	Off	MWH	5,303	10,548	15,851	\$20.83	\$20.83	\$21.27	\$21.27	110	220	330	113	224	337	7	2.1%
<b>Total:</b>									412	784	1,196	462	881	1,344	148	12.3%	

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.	
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual	
<b>D22 Energy-Control Rider Lg C&amp;I Primary</b>																	
Cust Chg	Bills	28	56	84	\$50.00	\$50.00	\$50.00	\$50.00	1	3	4	1	3	4	0	0.0%	
Energy	On	MWH	0	273	273	\$27.95	\$27.95	\$33.36	\$33.36	0	8	8	0	9	9	1	19.4%
Energy	OnC	MWH	13,908	24,932	38,839	\$25.48	\$25.48	\$30.89	\$30.89	354	635	990	430	770	1,200	210	21.2%
Energy	Off	MWH	0	496	496	\$16.15	\$16.15	\$19.33	\$19.33	0	8	8	0	10	10	2	19.7%
Energy	OffC	MWH	24,475	43,076	67,550	\$14.79	\$14.79	\$17.97	\$17.97	362	637	999	440	774	1,214	215	21.5%
Energy Cr	MWH	5,419	14,073	19,492	-\$9.00	-\$9.00	-\$9.00	-\$9.00	-49	-127	-175	-49	-127	-175	0	0.0%	
Demand	KW	0	1,148	1,148	\$9.36	\$6.01	\$11.50	\$7.60	0	7	7	0	9	9	2	26.5%	
Off Dmd	KW	510	674	1,184	\$1.00	\$1.00	\$0.80	\$0.80	1	1	1	0	1	1	0	-20.0%	
Control Dmd	KW	0	0	0	\$3.61	\$3.61	\$5.38	\$5.38	0	0	0	0	0	0	0	0.0%	
Control Dmd	KW	0	0	0	\$3.16	\$3.16	\$4.93	\$4.93	0	0	0	0	0	0	0	0.0%	
Control Dmd	KW	72,818	127,434	200,252	\$2.66	\$2.66	\$4.43	\$4.43	194	339	533	323	565	887	354	66.5%	
Fuel Cost	On	MWH	13,908	25,205	39,112	\$35.42	\$35.42	\$34.74	\$34.74	493	893	1,385	483	876	1,359	-26	-1.9%
Fuel Cost	Off	MWH	24,475	43,572	68,047	\$20.83	\$20.83	\$21.27	\$21.27	510	908	1,418	521	927	1,448	30	2.1%
<b>Total:</b>									1,866	3,311	5,177	2,149	3,815	5,964	788	15.2%	
<b>D42 Siren Service Public Auth Secondary</b>																	
HP	HP	636	1,272	1,908	\$0.47	\$0.47	\$0.53	\$0.53	0	1	1	0	1	1	0	12.8%	
<b>Total:</b>									0	1	1	0	1	1	0	12.8%	
<b>D11 Protective Ltg ResReg Secondary</b>																	
A100S	Lts	1,844	3,688	5,532	\$5.91	\$5.91	\$6.01	\$6.01	11	22	33	11	22	33	1	1.7%	
A175M	Lts	364	728	1,092	\$5.37	\$5.37	\$6.01	\$6.01	2	4	6	2	4	7	1	11.9%	
A250S	Lts	120	240	360	\$11.56	\$11.56	\$10.66	\$10.66	1	3	4	1	3	4	0	-7.8%	
A400M	Lts	20	40	60	\$10.60	\$10.60	\$10.66	\$10.66	0	0	1	0	0	1	0	0.6%	
D250S	Lts	12	24	36	\$13.58	\$13.58	\$12.10	\$12.10	0	0	0	0	0	0	0	-10.9%	
D400S	Lts	4	8	12	\$16.08	\$16.08	\$14.52	\$14.52	0	0	0	0	0	0	0	-9.7%	
D400M	Lts	0	0	0	\$12.62	\$12.62	\$12.74	\$12.74	0	0	0	0	0	0	0	0.0%	
D1000M	Lts	0	0	0	\$0.00	\$0.00	\$9.70	\$9.70	0	0	0	0	0	0	0	0.0%	
Fuel Cost	MWH	103	268	371	\$19.11	\$19.11	\$20.06	\$20.06	2	5	7	2	5	7	0	5.0%	
<b>Total:</b>									17	34	51	17	35	52	1	2.4%	

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase	Pct Inc.
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual	Annual	Annual
<b>D11 Protective Ltg Sm C&amp;I Secondary</b>																
A100S	Lts	1,720	3,440	5,160	\$5.91	\$5.91	\$6.01	\$6.01	10	20	30	10	21	31	1	1.7%
A175M	Lts	700	1,400	2,100	\$5.37	\$5.37	\$6.01	\$6.01	4	8	11	4	8	13	1	11.9%
A250S	Lts	1,080	2,160	3,240	\$11.56	\$11.56	\$10.66	\$10.66	12	25	37	12	23	35	-3	-7.8%
A400M	Lts	392	784	1,176	\$10.60	\$10.60	\$10.66	\$10.66	4	8	12	4	8	13	0	0.6%
D250S	Lts	772	1,544	2,316	\$13.58	\$13.58	\$12.10	\$12.10	10	21	31	9	19	28	-3	-10.9%
D400S	Lts	3,056	6,112	9,168	\$16.08	\$16.08	\$14.52	\$14.52	49	98	147	44	89	133	-14	-9.7%
D400M	Lts	44	88	132	\$12.62	\$12.62	\$12.74	\$12.74	1	1	2	1	1	2	0	1.0%
D1000M	Lts	0	0	0	\$0.00	\$0.00	\$9.70	\$9.70	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	693	1,979	2,672	\$19.11	\$19.11	\$20.06	\$20.06	13	38	51	14	40	54	3	5.0%
<b>Total:</b>									104	219	323	98	209	307	-16	-5.0%
<b>D30 St Ltg System Lighting Secondary</b>																
OH100S	Lts	9,508	19,016	28,524	\$8.02	\$8.02	\$8.59	\$8.59	76	153	229	82	163	245	16	7.1%
OH150S	Lts	4,308	8,616	12,924	\$9.31	\$9.31	\$9.55	\$9.55	40	80	120	41	82	123	3	2.6%
OH250S	Lts	788	1,576	2,364	\$12.01	\$12.01	\$12.06	\$12.06	9	19	28	10	19	29	0	0.4%
OH400S	Lts	60	120	180	\$14.53	\$14.53	\$14.40	\$14.40	1	2	3	1	2	3	0	-0.9%
UG100S	Lts	912	1,824	2,736	\$14.01	\$14.01	\$16.32	\$16.32	13	26	38	15	30	45	6	16.5%
UG150S	Lts	324	648	972	\$15.45	\$15.45	\$17.35	\$17.35	5	10	15	6	11	17	2	12.3%
Dec100S	Lts	0	0	0	\$21.27	\$21.27	\$26.24	\$26.24	0	0	0	0	0	0	0	0.0%
Dec150S	Lts	0	0	0	\$22.43	\$22.43	\$27.13	\$27.13	0	0	0	0	0	0	0	0.0%
Dec250S	Lts	0	0	0	\$25.08	\$25.08	\$29.26	\$29.26	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	640	1,733	2,374	\$19.11	\$19.11	\$20.06	\$20.06	12	33	45	13	35	48	2	5.0%
<b>Total:</b>									157	322	479	167	342	509	30	6.2%

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

Charge	Units	Billing Units			Present Rate		Ordered Rate		Present Revenues			Proposed Revenues			Increase Annual	Pct Inc. Annual
		Summer	Winter	Annual	Summer	Winter	Summer	Winter	Summer	Winter	Annual	Summer	Winter	Annual		
<b>D31 St Ltg Purchased Lighting Secondary</b>																
70S	Lts	468	936	1,404	\$2.98	\$2.98	\$2.67	\$2.67	1	3	4	1	2	4	0	-10.4%
100S	Lts	14,708	29,416	44,124	\$3.13	\$3.13	\$3.12	\$3.12	46	92	138	46	92	138	0	-0.3%
150S	Lts	10,036	20,072	30,108	\$3.86	\$3.86	\$3.79	\$3.79	39	77	116	38	76	114	-2	-1.8%
200S	Lts	404	808	1,212	\$4.96	\$4.96	\$4.60	\$4.60	2	4	6	2	4	6	0	-7.3%
250S	Lts	14,208	28,416	42,624	\$5.78	\$5.78	\$5.47	\$5.47	82	164	246	78	155	233	-13	-5.4%
310S	Lts	684	1,368	2,052	\$6.85	\$6.85	\$6.59	\$6.59	5	9	14	5	9	14	-1	-3.8%
400S	Lts	4,040	8,080	12,120	\$7.99	\$7.99	\$7.64	\$7.64	32	65	97	31	62	93	-4	-4.4%
1000S	Lts	1,160	2,320	3,480	\$17.22	\$17.22	\$15.67	\$15.67	20	40	60	18	36	55	-5	-9.0%
175M	Lts	2,732	5,464	8,196	\$4.04	\$4.04	\$4.18	\$4.18	11	22	33	11	23	34	1	3.5%
250M	Lts	304	608	912	\$5.13	\$5.13	\$5.20	\$5.20	2	3	5	2	3	5	0	1.4%
400M	Lts	380	760	1,140	\$7.37	\$7.37	\$7.37	\$7.37	3	6	8	3	6	8	0	0.0%
G4 70S	Lts	16	32	48	\$1.24	\$1.24	\$1.42	\$1.42	0	0	0	0	0	0	0	14.5%
G4 400S	Lts	0	0	0	\$6.18	\$6.18	\$6.39	\$6.39	0	0	0	0	0	0	0	0.0%
Fuel Cost	MWH	3,446	9,324	12,770	\$19.11	\$19.11	\$20.06	\$20.06	66	178	244	69	187	256	12	5.0%
<b>Total:</b>									309	664	972	303	655	959	-13	-1.4%
<b>D33 St Ltg Energy Mtrd Lighting Secondary</b>																
Cust Chg	Bills	68	136	204	\$12.00	\$12.00	\$5.00	\$5.00	1	2	2	0	1	1	-1	-58.3%
Energy	MWH	181	491	672	\$34.31	\$34.31	\$35.75	\$35.75	6	17	23	6	18	24	1	4.2%
Fuel Cost	MWH	181	491	672	\$19.11	\$19.11	\$20.06	\$20.06	3	9	13	4	10	13	1	5.0%
<b>Total:</b>									11	28	38	10	28	39	0	0.5%
<b>D32 St Ltg Purchased-CL Lighting Secondary</b>																
1000L	Lts	232	464	696	\$2.83	\$2.83	\$2.58	\$2.58	1	1	2	1	1	2	0	-8.8%
4000L	Lts	64	128	192	\$5.77	\$5.77	\$4.78	\$4.78	0	1	1	0	1	1	0	-17.2%
Fuel Cost	MWH	11	29	40	\$19.11	\$19.11	\$20.06	\$20.06	0	1	1	0	1	1	0	5.0%
<b>Total:</b>									1	3	4	1	2	4	0	-8.5%
<b>Total Retail:</b>									56,936	107,568	164,504	63,990	120,164	184,155	19,650	11.9%

Fuel Cost - Retail	Present			Proposed		
	Summer	Winter	Annual	Summer	Winter	Annual
<b>Retail</b>	2.763 ¢	2.665 ¢	2.696 ¢	2.763 ¢	2.665 ¢	2.696 ¢
<b>Residential</b>	2.751 ¢	2.653 ¢	2.684 ¢	2.770 ¢	2.672 ¢	2.703 ¢
<b>C&amp;I - Non-Demand</b>	2.914 ¢	2.811 ¢	2.844 ¢	2.841 ¢	2.740 ¢	2.772 ¢
<b>C&amp;I-Dmd - Non-TOD</b>			2.755 ¢			2.742 ¢
<b>C&amp;I-Dmd -TOD On-Peak</b>			3.541 ¢			3.473 ¢
<b>C&amp;I-Dmd -TOD Off-Peak</b>			2.083 ¢			2.127 ¢
<b>Lighting</b>			1.911 ¢			2.006 ¢

		Present	Proposed	Present	Proposed
<b>Residential (D01, D03)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>	Overhead	\$9.00	\$9.00	\$9.00	\$9.00
	Overhead - Electric Sp Ht	\$11.00	\$11.00	\$11.00	\$11.00
	Underground	\$11.00	\$11.00	\$11.00	\$11.00
	Underground - Electric Sp Ht	\$13.00	\$13.00	\$13.00	\$13.00
<b>Energy / kWh</b>	Summer	5.573 ¢	6.699 ¢	8.324 ¢	9.469 ¢
	Winter	4.273 ¢	5.199 ¢	6.926 ¢	7.871 ¢
	Winter - Electric Space Heat	3.539 ¢	4.174 ¢	6.192 ¢	6.846 ¢

		Present	Proposed	Present	Proposed
<b>Residential Time of Day (D02, D04)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>	Overhead	\$11.00	\$11.00	\$11.00	\$11.00
	Underground	\$14.00	\$14.00	\$14.00	\$14.00
	Overhead - Electric Sp Ht	\$13.00	\$13.00	\$13.00	\$13.00
	Underground - Electric Sp Ht	\$16.00	\$16.00	\$16.00	\$16.00
<b>Energy / kWh</b>	On-Peak Summer	11.761 ¢	14.125 ¢	14.512 ¢	16.895 ¢
	On-Peak Winter	8.291 ¢	10.093 ¢	10.944 ¢	12.765 ¢
	On-Peak Winter -Elec. Sp Ht	6.331 ¢	7.564 ¢	8.984 ¢	10.236 ¢
	Off-Peak Summer	1.861 ¢	2.300 ¢	4.612 ¢	5.070 ¢
	Off-Peak Winter	1.861 ¢	2.300 ¢	4.514 ¢	4.972 ¢

		Present	Proposed	Present	Proposed
<b>Energy-Controlled Non-Demand (D05)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$4.20	\$4.20	\$4.20	\$4.20
<b>Energy / kWh</b>	Standard Resid.	2.5190 ¢	3.1000 ¢	5.203 ¢	5.803 ¢
	Standard Comm.	2.3680 ¢	3.1000 ¢	5.212 ¢	5.872 ¢
	Optional Resid. - Summer	5.573 ¢	6.699 ¢	8.324 ¢	9.469 ¢
	Optional Comm.- Summer	5.664 ¢	6.699 ¢	8.578 ¢	9.540 ¢

			Present	Proposed	Present	Proposed
<b>Limited Off-Peak (D10)</b>			Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>	Residential		\$4.20	\$4.20	\$4.20	\$4.20
	Commercial	Sec. 1 Phase	\$4.20	\$4.20	\$4.20	\$4.20
	Commercial	Sec. 3 Phase	\$6.00	\$6.00	\$6.00	\$6.00
	Commercial	Primary	\$30.00	\$30.00	\$30.00	\$30.00
<b>Energy / kWh</b>	Residential	On-Peak	20.000 ¢	24.000 ¢	22.684 ¢	26.703 ¢
	Commercial	On-Peak	20.000 ¢	24.000 ¢	22.844 ¢	26.772 ¢
	Residential	Secondary	1.551 ¢	2.000 ¢	4.235 ¢	4.703 ¢
	Commercial	Secondary	1.400 ¢	2.000 ¢	4.244 ¢	4.772 ¢

			Present	Proposed	Present	Proposed
<b>Small General (D12)</b>			Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>	Metered (D10)		\$12.00	\$12.00	\$12.00	\$12.00
<b>Demand / kW</b>	Direct Current		\$1.43	\$1.50	\$1.43	\$1.50
<b>Energy / kWh</b>	Summer		5.664 ¢	6.699 ¢	8.578 ¢	9.540 ¢
	Winter		4.364 ¢	5.199 ¢	7.175 ¢	7.939 ¢

			Present	Proposed	Present	Proposed
<b>Small Municipal Pumping (D40)</b>			Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>	Overhead		\$12.00	\$12.00	\$12.00	\$12.00
<b>Energy / kWh</b>	Summer		5.144 ¢	6.699 ¢	8.058 ¢	9.540 ¢
	Winter		3.844 ¢	5.199 ¢	6.655 ¢	7.939 ¢

			Present	Proposed	Present	Proposed
<b>Small General TOD (D12, D18)</b>			Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>	TOD Metered (D12)		\$14.00	\$14.00	\$14.00	\$14.00
	KWH Metered (D18)		\$12.00	\$12.00	\$12.00	\$12.00
	Unmetered (A18)		\$9.00	\$9.00	\$9.00	\$9.00
	Low Wattage <100W (A22)		\$0.25	\$0.27	\$0.25	\$0.27
	Low Wattage <400W (A22)		\$1.05	\$1.14	\$1.05	\$1.14
<b>Energy / kWh</b>	On-Peak	Summer	9.660 ¢	11.863 ¢	12.574 ¢	14.704 ¢
	On-Peak	Winter	6.870 ¢	8.602 ¢	9.681 ¢	11.342 ¢
	Off-Peak	Summer	1.710 ¢	2.300 ¢	4.624 ¢	5.141 ¢
	Off-Peak	Winter	1.710 ¢	2.300 ¢	4.521 ¢	5.040 ¢
	Constant Use -	Summer	4.490 ¢	5.647 ¢	7.404 ¢	8.488 ¢
	Constant Use -	Winter	3.520 ¢	4.506 ¢	6.331 ¢	7.246 ¢

		Present	Proposed	Present	Proposed
<b>Demand-Metered Voltage Discounts</b>		Base Rates		Rates + Fuel	
<b>Voltage Discount / kWh</b>	Primary	0.070 ¢	0.100 ¢	0.070 ¢	0.100 ¢
	Transmission Transformed	0.100 ¢	0.200 ¢	0.100 ¢	0.200 ¢
	Transmission	0.150 ¢	0.230 ¢	0.150 ¢	0.230 ¢
<b>Voltage Discount / kW</b>	Primary	\$0.85	\$0.60	\$0.85	\$0.60
	Transmission Transformed	\$1.45	\$1.10	\$1.45	\$1.10
	Transmission	\$1.85	\$1.40	\$1.85	\$1.40

		Present	Proposed	Present	Proposed
<b>General (D16)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$22.00	\$22.00	\$22.00	\$22.00
<b>Demand / kW</b>	Summer	\$10.21	\$12.10	\$10.21	\$12.10
	Winter	\$6.86	\$8.20	\$6.86	\$8.20
<b>Energy / kWh</b>		2.130 ¢	2.624 ¢	4.885 ¢	5.366 ¢
<b>Energy Credit / kWh</b>		-0.900 ¢	-0.900 ¢	-0.900 ¢	-0.900 ¢

		Present	Proposed	Present	Proposed
<b>Municipal Pumping (D41)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$22.00	\$22.00	\$22.00	\$22.00
<b>Demand / kW</b>	Summer	\$8.59	\$12.10	\$8.59	\$12.10
	Winter	\$5.24	\$8.20	\$5.24	\$8.20
<b>Energy / kWh</b>		2.130 ¢	2.624 ¢	4.885 ¢	5.366 ¢
<b>Energy Credit / kWh</b>		0.000 ¢	-0.900 ¢	0.000 ¢	-0.900 ¢

		Present	Proposed	Present	Proposed
<b>General Time of Day (D17)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$25.00	\$25.00	\$25.00	\$25.00
<b>On-Peak Demand / kW</b>	Summer	\$10.21	\$12.10	\$10.21	\$12.10
	Winter	\$6.86	\$8.20	\$6.86	\$8.20
<b>Off-Peak Demand / kW</b>		\$1.85	\$1.40	\$1.85	\$1.40
<b>Energy / kWh</b>	On-Peak	2.865 ¢	3.436 ¢	6.406 ¢	6.909 ¢
	Off-Peak	1.685 ¢	2.033 ¢	3.768 ¢	4.160 ¢
<b>Energy Credit / kWh</b>		-0.900 ¢	-0.900 ¢	-0.900 ¢	-0.900 ¢

		Present	Proposed	Present	Proposed
<b>Peak-Controlled (D20)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$50.00	\$50.00	\$50.00	\$50.00
<b>Firm Demand / kW</b>	Summer	\$10.21	\$12.10	\$10.21	\$12.10
	Winter	\$6.86	\$8.20	\$6.86	\$8.20
<b>Control Demand / kW</b>	Tier 2 - Level A	\$5.09	\$6.61	\$5.09	\$6.61
	Tier 2 - Level B	\$4.61	\$6.13	\$4.61	\$6.13
	Tier 2 - Level C	\$4.21	\$5.73	\$4.21	\$5.73
	Tier 1 - Level A	\$4.46	\$5.98	\$4.46	\$5.98
	Tier 1 - Level B	\$4.01	\$5.53	\$4.01	\$5.53
	Tier 1 - Level C	\$3.51	\$5.03	\$3.51	\$5.03
<b>Energy / kWh</b>		2.130 ¢	2.624 ¢	4.885 ¢	5.366 ¢
<b>Energy Credit / kWh</b>		-0.900 ¢	-0.900 ¢	-0.900 ¢	-0.900 ¢

		Present	Proposed	Present	Proposed
<b>Peak-Controlled TOD (D21)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$50.00	\$50.00	\$50.00	\$50.00
<b>On-Peak Demand / kW</b>	Summer	\$10.21	\$12.10	\$10.21	\$12.10
	Winter	\$6.86	\$8.20	\$6.86	\$8.20
<b>Control Demand / kW</b>	Tier 2 - Level A	\$5.09	\$6.61	\$5.09	\$6.61
	Tier 2 - Level B	\$4.61	\$6.13	\$4.61	\$6.13
	Tier 2 - Level C	\$4.21	\$5.73	\$4.21	\$5.73
	Tier 1 - Level A	\$4.46	\$5.98	\$4.46	\$5.98
	Tier 1 - Level B	\$4.01	\$5.53	\$4.01	\$5.53
	Tier 1 - Level C	\$3.51	\$5.03	\$3.51	\$5.03
<b>Off-Peak Demand / kW</b>		\$1.85	\$1.40	\$1.85	\$1.40
<b>Energy / kWh</b>	On-Peak	2.865 ¢	3.436 ¢	6.406 ¢	6.909 ¢
	Off-Peak	1.685 ¢	2.033 ¢	3.768 ¢	4.160 ¢
<b>Energy Credit / kWh</b>		-0.9000 ¢	-0.9000 ¢	-0.9000 ¢	-0.9000 ¢

		Present	Proposed	Present	Proposed
<b>Tier 1 Energy-Controlled Rider (D22)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$50.00	\$50.00	\$50.00	\$50.00
<b>On-Peak Demand / kW</b>	Summer	\$10.21	\$12.10	\$10.21	\$12.10
	Winter	\$6.86	\$8.20	\$6.86	\$8.20
<b>Control Demand / kW</b>	Tier 1 - Level A	\$4.46	\$5.98	\$4.46	\$5.98
	Tier 1 - Level B	\$4.01	\$5.53	\$4.01	\$5.53
	Tier 1 - Level C	\$3.51	\$5.03	\$3.51	\$5.03
<b>Off-Peak Demand / kW</b>		\$1.85	\$1.40	\$1.85	\$1.40
<b>Energy / kWh</b>	Firm On-Peak	2.865 ¢	3.436 ¢	6.406 ¢	6.909 ¢
	Firm Off-Peak	1.685 ¢	2.033 ¢	3.768 ¢	4.160 ¢
	Controllable On-Peak	2.618 ¢	3.189 ¢	6.159 ¢	6.662 ¢
	Controllable Off-Peak	1.549 ¢	1.897 ¢	3.632 ¢	4.024 ¢
	Control Period Energy	10.000 ¢	10.000 ¢	13.541 ¢	13.473 ¢
<b>Energy Credit / kWh</b>		-0.900 ¢	-0.900 ¢	-0.900 ¢	-0.900 ¢

		Present	Proposed	Present	Proposed
<b>Real-Time Pricing (D62,D63)</b>		Base Rates		Rates + Fuel	
<b>Customer /Month</b>		\$300.00	\$300.00	\$300.00	\$300.00
<b>Contract Demand /kW</b>		\$6.13	\$8.14	\$6.13	\$8.14
<b>Distribution Demand /kW</b>	Secondary	\$1.90	\$1.21	\$1.90	\$1.21
	Primary	\$1.10	\$0.64	\$1.10	\$0.64
	Transmission Transformed	\$0.45	\$0.25	\$0.45	\$0.25
<b>Limited Energy Surcharge /kWh (Control Level C)</b>		4.700 ¢	6.400 ¢	4.700 ¢	6.400 ¢
<b>Energy Credit /kWh</b>		-0.770 ¢	-0.770 ¢	-0.770 ¢	-0.770 ¢

		Present	Proposed	Present	Proposed
<b>Fire &amp; Civil Defense Siren (D42)</b>		Base Rates		Rates + Fuel	
<b>HP Capacity / Mo.</b>		\$0.47	\$0.53	\$0.47	\$0.53
<b>Min Charge / Mo.</b>		\$2.39	\$2.52	\$2.39	\$2.52

		Present	Proposed	Present	Proposed
<b>Automatic Protective Lighting (D11)</b>		Base Rates		Rates + Fuel	
<b>Area</b>	100 W HPSodium	\$5.91	\$6.01	\$6.69	\$6.82
	175 W Mercury	\$5.37	\$6.01	\$6.71	\$7.79
	250 W HPSodium	\$11.56	\$10.66	\$13.59	\$12.80
	400 W Mercury	\$10.60	\$10.66	\$13.65	\$13.40
<b>Directional</b>	250 W HPSodium	\$13.58	\$12.10	\$15.61	\$14.24
	400 W HPSodium	\$16.08	\$14.52	\$19.27	\$17.87
	400 W Mercury	\$12.62	\$12.74	\$15.67	\$15.94

<b>Street Lighting System (D30)</b>		Base Rates		Rates + Fuel	
<b>Overhead</b>	100 W HPSodium	\$8.02	\$8.59	\$8.80	\$9.40
	150 W HPSodium	\$9.31	\$9.55	\$10.44	\$10.74
	250 W HPSodium	\$12.01	\$12.06	\$14.04	\$14.20
	400 W HPSodium	\$14.53	\$14.40	\$17.72	\$17.75
<b>Underground</b>	100 W HPSodium	\$14.01	\$16.32	\$14.79	\$17.13
	150 W HPSodium	\$15.45	\$17.35	\$16.58	\$18.54
<b>Decorative UG</b>	100 W HPSodium	\$21.27	\$26.24	\$22.05	\$27.05
	150 W HPSodium	\$22.43	\$27.13	\$23.56	\$28.32
	250 W HPSodium	\$25.08	\$29.26	\$27.11	\$31.40

		Present	Proposed	Present	Proposed
<b>Street Lighting Purchased (D31)</b>		Base Rates		Rates + Fuel	
Group 1	175 W Mercury	\$4.04	\$2.93	\$5.38	\$4.34
	250 W Mercury	\$5.13	\$3.95	\$7.02	\$5.93
	400 W Mercury	\$7.37	\$6.12	\$10.42	\$9.32
	70 W HPSodium	\$2.98	\$2.67	\$3.52	\$3.23
	100 W HPSodium	\$3.13	\$3.12	\$3.91	\$3.93
	150 W HPSodium	\$3.86	\$3.79	\$4.99	\$4.98
	200 W HPSodium	\$4.96	\$4.60	\$6.53	\$6.25
	250 W HPSodium	\$5.78	\$5.47	\$7.81	\$7.61
	310 W HPSodium	\$6.85	\$6.59	\$9.48	\$9.35
	400 W HPSodium	\$7.99	\$7.64	\$11.18	\$10.99
	1000 W HPSodium	\$17.22	\$15.67	\$24.71	\$23.53
Group 4 (Closed)	70 W HPSodium	\$1.24	\$1.42	\$1.78	\$1.98
	100 W HPSodium	\$6.18	\$6.39	\$9.37	\$9.74

<b>Street Lighting Energy - Metered (D33)</b>		Base Rates		Rates + Fuel	
<b>Customer / Mo.</b>		\$12.00	\$5.00	\$12.00	\$5.00
<b>Energy Charge per kWh</b>		3.431 ¢	3.575 ¢	5.342 ¢	5.581 ¢

<b>Street Lighting Purchased (Closed) (D32)</b>		Base Rates		Rates + Fuel	
	1000 L Incandescent	\$2.83	\$2.58	\$3.44	\$3.22
	4000 L Incandescent	\$5.77	\$4.78	\$7.72	\$6.83

**Comparison Of Present & Proposed Rates**

		<b>Present</b>	<b>Proposed</b>
<b>Standby Service Rider</b>			
<b>Customer / Mo.</b>		\$25.00	\$25.00
<b>Demand / Contract kW</b>	Distribution-Secondary	\$1.85	\$1.40
	Distribution-Primary	\$1.45	\$0.80
	Distribution-Trans. Transf.	\$0.85	\$0.30
	Distribution-Transmission	\$0.00	\$0.00
	Transmission - Firm	\$2.00	\$0.30
	Transmission - Non-Firm	\$2.00	\$0.00
	Generation Firm - Unscheduled Maint.	\$0.75	\$0.67
	Generation Firm - Scheduled Maint.	\$0.65	\$0.57
	Generation Non-Firm	\$0.00	\$0.00

**Comparison Of Bills At Present & Proposed Rates**

**RESIDENTIAL SERVICE (Overhead) - D01**

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	\$26.32	\$28.68	\$2.36	8.97%
	300	\$29.78	\$32.61	\$2.83	9.52%
	400	\$36.71	\$40.48	\$3.78	10.29%
	500	\$43.63	\$48.35	\$4.72	10.83%
	600	\$50.56	\$56.23	\$5.67	11.21%
	750	\$60.95	\$68.03	\$7.08	11.62%
	850	\$67.87	\$75.90	\$8.03	11.83%
	1000	\$78.26	\$87.71	\$9.45	12.07%
	1500	\$112.89	\$127.06	\$14.17	12.55%
	2000	\$147.53	\$166.42	\$18.89	12.81%
	3000	\$216.79	\$245.13	\$28.34	13.07%
4000	\$286.05	\$323.84	\$37.79	13.21%	
5000	\$355.31	\$402.55	\$47.23	13.29%	
SUMMER	250	\$29.81	\$32.67	\$2.86	9.61%
	300	\$33.97	\$37.41	\$3.44	10.11%
	400	\$42.30	\$46.88	\$4.58	10.83%
	500	\$50.62	\$56.35	\$5.73	11.31%
	600	\$58.94	\$65.82	\$6.87	11.66%
	750	\$71.43	\$80.02	\$8.59	12.03%
	850	\$79.75	\$89.49	\$9.74	12.21%
	1000	\$92.24	\$103.69	\$11.45	12.42%
	1500	\$133.86	\$151.04	\$17.18	12.83%
	2000	\$175.48	\$198.38	\$22.91	13.05%
	3000	\$258.72	\$293.08	\$34.36	13.28%
4000	\$341.95	\$387.77	\$45.81	13.40%	
5000	\$425.19	\$482.46	\$57.27	13.47%	
AVERAGE MONTHLY	250	\$27.48	\$30.01	\$2.53	9.20%
	300	\$31.18	\$34.21	\$3.03	9.73%
	400	\$38.57	\$42.61	\$4.05	10.49%
	500	\$45.96	\$51.02	\$5.06	11.00%
	600	\$53.35	\$59.42	\$6.07	11.38%
	750	\$64.44	\$72.03	\$7.59	11.77%
	850	\$71.83	\$80.43	\$8.60	11.97%
	1000	\$82.92	\$93.04	\$10.12	12.20%
	1500	\$119.88	\$135.06	\$15.17	12.66%
	2000	\$156.84	\$177.07	\$20.23	12.90%
	3000	\$230.76	\$261.11	\$30.35	13.15%
4000	\$304.69	\$345.15	\$40.46	13.28%	
5000	\$378.61	\$429.18	\$50.58	13.36%	

**RESIDENTIAL SERVICE - SPACE HEATING (Overhead) - D01**

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	\$27.48	\$29.11	\$1.63	5.95%
	300	\$30.58	\$32.54	\$1.96	6.41%
	400	\$36.77	\$39.38	\$2.61	7.11%
	500	\$42.96	\$46.23	\$3.27	7.61%
	600	\$49.15	\$53.08	\$3.92	7.98%
	750	\$58.44	\$63.34	\$4.90	8.39%
	850	\$64.63	\$70.19	\$5.56	8.60%
	1000	\$73.92	\$80.46	\$6.54	8.84%
	1500	\$104.88	\$114.69	\$9.80	9.35%
	2000	\$135.85	\$148.92	\$13.07	9.62%
	3000	\$197.77	\$217.38	\$19.61	9.92%
	4000	\$259.69	\$285.84	\$26.15	10.07%
	5000	\$321.61	\$354.30	\$32.68	10.16%
SUMMER	250	\$32.81	\$35.67	\$2.86	8.73%
	300	\$36.97	\$40.41	\$3.44	9.29%
	400	\$45.30	\$49.88	\$4.58	10.11%
	500	\$53.62	\$59.35	\$5.73	10.68%
	600	\$61.94	\$68.82	\$6.87	11.09%
	750	\$74.43	\$83.02	\$8.59	11.54%
	850	\$82.75	\$92.49	\$9.74	11.76%
	1000	\$95.24	\$106.69	\$11.45	12.03%
	1500	\$136.86	\$154.04	\$17.18	12.55%
	2000	\$178.48	\$201.38	\$22.91	12.83%
	3000	\$261.72	\$296.08	\$34.36	13.13%
	4000	\$344.95	\$390.77	\$45.81	13.28%
	5000	\$428.19	\$485.46	\$57.27	13.37%
AVERAGE MONTHLY	250	\$29.26	\$31.30	\$2.04	6.99%
	300	\$32.71	\$35.16	\$2.45	7.50%
	400	\$39.61	\$42.88	\$3.27	8.26%
	500	\$46.51	\$50.60	\$4.09	8.79%
	600	\$53.42	\$58.32	\$4.91	9.18%
	750	\$63.77	\$69.90	\$6.13	9.62%
	850	\$70.67	\$77.62	\$6.95	9.83%
	1000	\$81.03	\$89.20	\$8.18	10.09%
	1500	\$115.54	\$127.81	\$12.26	10.61%
	2000	\$150.06	\$166.41	\$16.35	10.90%
	3000	\$219.08	\$243.61	\$24.53	11.20%
	4000	\$288.11	\$320.81	\$32.70	11.35%
	5000	\$357.14	\$398.02	\$40.88	11.45%

**RESIDENTIAL SERVICE (Underground) - D03**

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	\$28.32	\$30.68	\$2.36	8.34%
	300	\$31.78	\$34.61	\$2.83	8.92%
	400	\$38.71	\$42.48	\$3.78	9.76%
	500	\$45.63	\$50.35	\$4.72	10.35%
	600	\$52.56	\$58.23	\$5.67	10.78%
	750	\$62.95	\$70.03	\$7.08	11.26%
	850	\$69.87	\$77.90	\$8.03	11.49%
	1000	\$80.26	\$89.71	\$9.45	11.77%
	1500	\$114.89	\$129.06	\$14.17	12.33%
	2000	\$149.53	\$168.42	\$18.89	12.64%
	3000	\$218.79	\$247.13	\$28.34	12.95%
	4000	\$288.05	\$325.84	\$37.79	13.12%
	5000	\$357.31	\$404.55	\$47.23	13.22%
SUMMER	250	\$31.81	\$34.67	\$2.86	9.00%
	300	\$35.97	\$39.41	\$3.44	9.55%
	400	\$44.30	\$48.88	\$4.58	10.34%
	500	\$52.62	\$58.35	\$5.73	10.88%
	600	\$60.94	\$67.82	\$6.87	11.28%
	750	\$73.43	\$82.02	\$8.59	11.70%
	850	\$81.75	\$91.49	\$9.74	11.91%
	1000	\$94.24	\$105.69	\$11.45	12.15%
	1500	\$135.86	\$153.04	\$17.18	12.65%
	2000	\$177.48	\$200.38	\$22.91	12.91%
	3000	\$260.72	\$295.08	\$34.36	13.18%
	4000	\$343.95	\$389.77	\$45.81	13.32%
	5000	\$427.19	\$484.46	\$57.27	13.41%
AVERAGE MONTHLY	250	\$29.48	\$32.01	\$2.53	8.58%
	300	\$33.18	\$36.21	\$3.03	9.15%
	400	\$40.57	\$44.61	\$4.05	9.97%
	500	\$47.96	\$53.02	\$5.06	10.55%
	600	\$55.35	\$61.42	\$6.07	10.96%
	750	\$66.44	\$74.03	\$7.59	11.42%
	850	\$73.83	\$82.43	\$8.60	11.65%
	1000	\$84.92	\$95.04	\$10.12	11.91%
	1500	\$121.88	\$137.06	\$15.17	12.45%
	2000	\$158.84	\$179.07	\$20.23	12.74%
	3000	\$232.76	\$263.11	\$30.35	13.04%
	4000	\$306.69	\$347.15	\$40.46	13.19%
	5000	\$380.61	\$431.18	\$50.58	13.29%

**RESIDENTIAL SERVICE - SPACE HEATING (Underground) - D03**

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	\$29.48	\$31.11	\$1.63	5.54%
	300	\$32.58	\$34.54	\$1.96	6.02%
	400	\$38.77	\$41.38	\$2.61	6.74%
	500	\$44.96	\$48.23	\$3.27	7.27%
	600	\$51.15	\$55.08	\$3.92	7.67%
	750	\$60.44	\$65.34	\$4.90	8.11%
	850	\$66.63	\$72.19	\$5.56	8.34%
	1000	\$75.92	\$82.46	\$6.54	8.61%
	1500	\$106.88	\$116.69	\$9.80	9.17%
	2000	\$137.85	\$150.92	\$13.07	9.48%
	3000	\$199.77	\$219.38	\$19.61	9.82%
	4000	\$261.69	\$287.84	\$26.15	9.99%
5000	\$323.61	\$356.30	\$32.68	10.10%	
SUMMER	250	\$34.81	\$37.67	\$2.86	8.23%
	300	\$38.97	\$42.41	\$3.44	8.82%
	400	\$47.30	\$51.88	\$4.58	9.69%
	500	\$55.62	\$61.35	\$5.73	10.30%
	600	\$63.94	\$70.82	\$6.87	10.75%
	750	\$76.43	\$85.02	\$8.59	11.24%
	850	\$84.75	\$94.49	\$9.74	11.49%
	1000	\$97.24	\$108.69	\$11.45	11.78%
	1500	\$138.86	\$156.04	\$17.18	12.37%
	2000	\$180.48	\$203.38	\$22.91	12.69%
	3000	\$263.72	\$298.08	\$34.36	13.03%
	4000	\$346.95	\$392.77	\$45.81	13.20%
5000	\$430.19	\$487.46	\$57.27	13.31%	
AVERAGE MONTHLY	250	\$31.26	\$33.30	\$2.04	6.54%
	300	\$34.71	\$37.16	\$2.45	7.07%
	400	\$41.61	\$44.88	\$3.27	7.86%
	500	\$48.51	\$52.60	\$4.09	8.43%
	600	\$55.42	\$60.32	\$4.91	8.85%
	750	\$65.77	\$71.90	\$6.13	9.32%
	850	\$72.67	\$79.62	\$6.95	9.56%
	1000	\$83.03	\$91.20	\$8.18	9.85%
	1500	\$117.54	\$129.81	\$12.26	10.43%
	2000	\$152.06	\$168.41	\$16.35	10.75%
	3000	\$221.08	\$245.61	\$24.53	11.09%
	4000	\$290.11	\$322.81	\$32.70	11.27%
5000	\$359.14	\$400.02	\$40.88	11.38%	

**RESIDENTIAL TIME OF DAY SERVICE (Overhead) - D02**

On-Peak = 35%

Energy in kWh	Monthly Bill		Increase		
	Present	Proposed	Amount	Percent	
WINTER	250	\$27.91	\$30.25	\$2.34	8.37%
	300	\$31.29	\$34.10	\$2.80	8.96%
	400	\$38.06	\$41.80	\$3.74	9.82%
	500	\$44.82	\$49.50	\$4.67	10.43%
	600	\$51.59	\$57.20	\$5.61	10.87%
	750	\$61.74	\$68.75	\$7.01	11.36%
	850	\$68.50	\$76.45	\$7.94	11.60%
	1000	\$78.65	\$87.99	\$9.35	11.88%
	1500	\$112.47	\$126.49	\$14.02	12.47%
	2000	\$146.30	\$164.99	\$18.69	12.78%
	3000	\$213.94	\$241.98	\$28.04	13.11%
	4000	\$281.59	\$318.98	\$37.39	13.28%
5000	\$349.24	\$395.97	\$46.74	13.38%	
SUMMER	250	\$31.19	\$34.02	\$2.83	9.07%
	300	\$35.23	\$38.63	\$3.40	9.64%
	400	\$43.31	\$47.84	\$4.53	10.46%
	500	\$51.38	\$57.04	\$5.66	11.02%
	600	\$59.46	\$66.25	\$6.79	11.42%
	750	\$71.58	\$80.07	\$8.49	11.86%
	850	\$79.65	\$89.28	\$9.62	12.08%
	1000	\$91.77	\$103.09	\$11.32	12.34%
	1500	\$132.15	\$149.13	\$16.98	12.85%
	2000	\$172.54	\$195.18	\$22.64	13.12%
	3000	\$253.31	\$287.27	\$33.96	13.41%
	4000	\$334.07	\$379.36	\$45.28	13.55%
5000	\$414.84	\$471.45	\$56.60	13.64%	
AVERAGE MONTHLY	250	\$29.01	\$31.51	\$2.50	8.62%
	300	\$32.61	\$35.61	\$3.00	9.21%
	400	\$39.81	\$43.81	\$4.00	10.05%
	500	\$47.01	\$52.01	\$5.00	10.64%
	600	\$54.21	\$60.22	\$6.00	11.07%
	750	\$65.02	\$72.52	\$7.50	11.54%
	850	\$72.22	\$80.72	\$8.50	11.78%
	1000	\$83.02	\$93.03	\$10.01	12.05%
	1500	\$119.03	\$134.04	\$15.01	12.61%
	2000	\$155.04	\$175.05	\$20.01	12.91%
	3000	\$227.06	\$257.08	\$30.02	13.22%
	4000	\$299.09	\$339.11	\$40.02	13.38%
5000	\$371.11	\$421.13	\$50.03	13.48%	

**RESIDENTIAL TIME OF DAY SERVICE - SPACE HEATING (Overhead) - D02**

On-Peak = 35%

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	\$29.20	\$31.04	\$1.84	6.30%
	300	\$32.24	\$34.44	\$2.21	6.85%
	400	\$38.32	\$41.26	\$2.94	7.68%
	500	\$44.39	\$48.07	\$3.68	8.28%
	600	\$50.47	\$54.89	\$4.41	8.74%
	750	\$59.59	\$65.11	\$5.52	9.26%
	850	\$65.67	\$71.92	\$6.25	9.52%
	1000	\$74.79	\$82.14	\$7.36	9.84%
	1500	\$105.18	\$116.21	\$11.03	10.49%
	2000	\$135.58	\$150.29	\$14.71	10.85%
	3000	\$196.36	\$218.43	\$22.07	11.24%
	4000	\$257.15	\$286.57	\$29.42	11.44%
5000	\$317.94	\$354.72	\$36.78	11.57%	
SUMMER	250	\$34.19	\$37.02	\$2.83	8.28%
	300	\$38.23	\$41.63	\$3.40	8.88%
	400	\$46.31	\$50.84	\$4.53	9.78%
	500	\$54.38	\$60.04	\$5.66	10.41%
	600	\$62.46	\$69.25	\$6.79	10.87%
	750	\$74.58	\$83.07	\$8.49	11.39%
	850	\$82.65	\$92.28	\$9.62	11.64%
	1000	\$94.77	\$106.09	\$11.32	11.95%
	1500	\$135.15	\$152.13	\$16.98	12.56%
	2000	\$175.54	\$198.18	\$22.64	12.90%
	3000	\$256.31	\$290.27	\$33.96	13.25%
	4000	\$337.07	\$382.36	\$45.28	13.43%
5000	\$417.84	\$474.45	\$56.60	13.55%	
AVERAGE MONTHLY	250	\$30.86	\$33.03	\$2.17	7.03%
	300	\$34.23	\$36.84	\$2.60	7.60%
	400	\$40.98	\$44.45	\$3.47	8.47%
	500	\$47.72	\$52.06	\$4.34	9.09%
	600	\$54.47	\$59.68	\$5.21	9.56%
	750	\$64.59	\$71.09	\$6.51	10.08%
	850	\$71.33	\$78.71	\$7.38	10.34%
	1000	\$81.45	\$90.13	\$8.68	10.65%
	1500	\$115.17	\$128.19	\$13.02	11.30%
	2000	\$148.90	\$166.25	\$17.35	11.66%
	3000	\$216.34	\$242.38	\$26.03	12.03%
	4000	\$283.79	\$318.50	\$34.71	12.23%
5000	\$351.24	\$394.63	\$43.39	12.35%	

**SMALL GENERAL SERVICE**

	Energy in kWh	Monthly Bill		Increase	
		Present	Proposed	Amount	Percent
WINTER	250	\$29.94	\$31.85	\$1.91	6.38%
	300	\$33.53	\$35.82	\$2.29	6.84%
	400	\$40.70	\$43.76	\$3.06	7.51%
	500	\$47.88	\$51.69	\$3.82	7.98%
	600	\$55.05	\$59.63	\$4.58	8.33%
	750	\$65.81	\$71.54	\$5.73	8.70%
	1000	\$83.75	\$91.39	\$7.64	9.12%
	1500	\$119.63	\$131.08	\$11.46	9.58%
	2000	\$155.50	\$170.78	\$15.28	9.82%
	3000	\$227.25	\$250.17	\$22.92	10.08%
	4000	\$299.00	\$329.56	\$30.55	10.22%
5000	\$370.75	\$408.94	\$38.19	10.30%	
SUMMER	250	\$33.45	\$35.85	\$2.40	7.18%
	300	\$37.74	\$40.62	\$2.88	7.64%
	400	\$46.31	\$50.16	\$3.84	8.30%
	500	\$54.89	\$59.70	\$4.81	8.76%
	600	\$63.47	\$69.24	\$5.77	9.09%
	750	\$76.34	\$83.55	\$7.21	9.44%
	1000	\$97.78	\$107.40	\$9.61	9.83%
	1500	\$140.68	\$155.09	\$14.42	10.25%
	2000	\$183.57	\$202.79	\$19.22	10.47%
	3000	\$269.35	\$298.19	\$28.84	10.71%
	4000	\$355.14	\$393.59	\$38.45	10.83%
5000	\$440.92	\$488.98	\$48.06	10.90%	
AVERAGE MONTHLY	250	\$31.11	\$33.18	\$2.07	6.67%
	300	\$34.93	\$37.42	\$2.49	7.13%
	400	\$42.57	\$45.89	\$3.32	7.80%
	500	\$50.21	\$54.36	\$4.15	8.26%
	600	\$57.86	\$62.83	\$4.98	8.60%
	750	\$69.32	\$75.54	\$6.22	8.98%
	1000	\$88.43	\$96.72	\$8.30	9.38%
	1500	\$126.64	\$139.09	\$12.44	9.83%
	2000	\$164.86	\$181.45	\$16.59	10.06%
	3000	\$241.28	\$266.17	\$24.89	10.32%
	4000	\$317.71	\$350.90	\$33.19	10.45%
5000	\$394.14	\$435.62	\$41.48	10.52%	

**GENERAL SERVICE (Secondary Voltage)**

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
15	3,000	200	\$288.20	\$325.47	\$37.27	12.93%
15	6,000	400	\$434.75	\$486.45	\$51.70	11.89%
15	9,000	600	\$554.30	\$620.42	\$66.12	11.93%
25	5,000	200	\$465.67	\$527.79	\$62.12	13.34%
25	10,000	400	\$709.92	\$796.08	\$86.16	12.14%
25	15,000	600	\$909.17	\$1,019.37	\$110.20	12.12%
50	10,000	200	\$909.34	\$1,033.58	\$124.25	13.66%
50	20,000	400	\$1,397.84	\$1,570.17	\$172.32	12.33%
50	30,000	600	\$1,796.35	\$2,016.75	\$220.40	12.27%
75	15,000	200	\$1,353.01	\$1,539.37	\$186.37	13.77%
75	30,000	400	\$2,085.76	\$2,344.25	\$258.49	12.39%
75	45,000	600	\$2,683.52	\$3,014.12	\$330.61	12.32%
100	20,000	200	\$1,796.68	\$2,045.17	\$248.49	13.83%
100	40,000	400	\$2,773.68	\$3,118.33	\$344.65	12.43%
100	60,000	600	\$3,570.69	\$4,011.50	\$440.81	12.35%
200	40,000	200	\$3,571.35	\$4,068.33	\$496.98	13.92%
200	80,000	400	\$5,525.37	\$6,214.67	\$689.30	12.48%
200	120,000	600	\$7,119.38	\$8,001.00	\$881.61	12.38%
300	60,000	200	\$5,346.03	\$6,091.50	\$745.47	13.94%
300	120,000	400	\$8,277.05	\$9,311.00	\$1,033.95	12.49%
300	180,000	600	\$10,668.08	\$11,990.50	\$1,322.42	12.40%
500	100,000	200	\$8,895.38	\$10,137.83	\$1,242.46	13.97%
500	200,000	400	\$13,780.42	\$15,503.66	\$1,723.25	12.51%
500	300,000	600	\$17,765.46	\$19,969.50	\$2,204.04	12.41%
1,000	200,000	200	\$17,768.75	\$20,253.66	\$2,484.91	13.98%
1,000	400,000	400	\$27,538.84	\$30,985.33	\$3,446.49	12.52%
1,000	600,000	600	\$35,508.92	\$39,916.99	\$4,408.07	12.41%
3,000	600,000	200	\$53,262.25	\$60,716.99	\$7,454.74	14.00%
3,000	1,200,000	400	\$82,572.51	\$92,911.98	\$10,339.48	12.52%
3,000	1,800,000	600	\$106,482.76	\$119,706.98	\$13,224.21	12.42%
5,000	1,000,000	200	\$88,755.76	\$101,180.32	\$12,424.56	14.00%
5,000	2,000,000	400	\$137,606.18	\$154,838.64	\$17,232.46	12.52%
5,000	3,000,000	600	\$177,456.61	\$199,496.96	\$22,040.35	12.42%

**GENERAL SERVICE (Primary Voltage)**

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
15	3,000	200	\$273.35	\$313.47	\$40.12	14.68%
15	6,000	400	\$417.80	\$471.45	\$53.65	12.84%
15	9,000	600	\$535.25	\$602.42	\$67.17	12.55%
25	5,000	200	\$440.92	\$507.79	\$66.87	15.17%
25	10,000	400	\$681.67	\$771.08	\$89.41	13.12%
25	15,000	600	\$877.42	\$989.37	\$111.95	12.76%
50	10,000	200	\$859.84	\$993.58	\$133.75	15.55%
50	20,000	400	\$1,341.34	\$1,520.17	\$178.82	13.33%
50	30,000	600	\$1,732.85	\$1,956.75	\$223.90	12.92%
75	15,000	200	\$1,278.76	\$1,479.37	\$200.62	15.69%
75	30,000	400	\$2,001.01	\$2,269.25	\$268.24	13.41%
75	45,000	600	\$2,588.27	\$2,924.12	\$335.86	12.98%
100	20,000	200	\$1,697.68	\$1,965.17	\$267.49	15.76%
100	40,000	400	\$2,660.68	\$3,018.33	\$357.65	13.44%
100	60,000	600	\$3,443.69	\$3,891.50	\$447.81	13.00%
200	40,000	200	\$3,373.35	\$3,908.33	\$534.98	15.86%
200	80,000	400	\$5,299.37	\$6,014.67	\$715.30	13.50%
200	120,000	600	\$6,865.38	\$7,761.00	\$895.61	13.05%
300	60,000	200	\$5,049.03	\$5,851.50	\$802.47	15.89%
300	120,000	400	\$7,938.05	\$9,011.00	\$1,072.95	13.52%
300	180,000	600	\$10,287.08	\$11,630.50	\$1,343.42	13.06%
500	100,000	200	\$8,400.38	\$9,737.83	\$1,337.46	15.92%
500	200,000	400	\$13,215.42	\$15,003.66	\$1,788.25	13.53%
500	300,000	600	\$17,130.46	\$19,369.50	\$2,239.04	13.07%
1,000	200,000	200	\$16,778.75	\$19,453.66	\$2,674.91	15.94%
1,000	400,000	400	\$26,408.84	\$29,985.33	\$3,576.49	13.54%
1,000	600,000	600	\$34,238.92	\$38,716.99	\$4,478.07	13.08%
3,000	600,000	200	\$50,292.25	\$58,316.99	\$8,024.74	15.96%
3,000	1,200,000	400	\$79,182.51	\$89,911.98	\$10,729.48	13.55%
3,000	1,800,000	600	\$102,672.76	\$116,106.98	\$13,434.21	13.08%
5,000	1,000,000	200	\$83,805.76	\$97,180.32	\$13,374.56	15.96%
5,000	2,000,000	400	\$131,956.18	\$149,838.64	\$17,882.46	13.55%
5,000	3,000,000	600	\$171,106.61	\$193,496.96	\$22,390.35	13.09%

**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	\$289.35	\$325.29	\$35.94	12.42%
15	6,000	400	\$434.04	\$483.08	\$49.03	11.30%
15	9,000	600	\$551.74	\$613.87	\$62.13	11.26%
25	5,000	200	\$465.58	\$525.48	\$59.90	12.87%
25	10,000	400	\$706.74	\$788.46	\$81.72	11.56%
25	15,000	600	\$902.90	\$1,006.44	\$103.54	11.47%
50	10,000	200	\$906.16	\$1,025.96	\$119.81	13.22%
50	20,000	400	\$1,388.48	\$1,551.93	\$163.44	11.77%
50	30,000	600	\$1,780.80	\$1,987.89	\$207.08	11.63%
75	15,000	200	\$1,346.74	\$1,526.44	\$179.71	13.34%
75	30,000	400	\$2,070.22	\$2,315.39	\$245.17	11.84%
75	45,000	600	\$2,658.71	\$2,969.33	\$310.63	11.68%
100	20,000	200	\$1,787.31	\$2,026.93	\$239.61	13.41%
100	40,000	400	\$2,751.96	\$3,078.85	\$326.89	11.88%
100	60,000	600	\$3,536.61	\$3,950.78	\$414.17	11.71%
200	40,000	200	\$3,549.63	\$4,028.85	\$479.22	13.50%
200	80,000	400	\$5,478.92	\$6,132.70	\$653.78	11.93%
200	120,000	600	\$7,048.22	\$7,876.55	\$828.34	11.75%
300	60,000	200	\$5,311.94	\$6,030.78	\$718.83	13.53%
300	120,000	400	\$8,205.88	\$9,186.55	\$980.67	11.95%
300	180,000	600	\$10,559.83	\$11,802.33	\$1,242.50	11.77%
500	100,000	200	\$8,836.57	\$10,034.63	\$1,198.06	13.56%
500	200,000	400	\$13,659.81	\$15,294.25	\$1,634.45	11.97%
500	300,000	600	\$17,583.04	\$19,653.88	\$2,070.84	11.78%
1,000	200,000	200	\$17,648.14	\$20,044.25	\$2,396.12	13.58%
1,000	400,000	400	\$27,294.61	\$30,563.51	\$3,268.90	11.98%
1,000	600,000	600	\$35,141.08	\$39,282.76	\$4,141.68	11.79%
3,000	600,000	200	\$52,894.42	\$60,082.76	\$7,188.35	13.59%
3,000	1,200,000	400	\$81,833.83	\$91,640.53	\$9,806.69	11.98%
3,000	1,800,000	600	\$105,373.25	\$117,798.29	\$12,425.04	11.79%
5,000	1,000,000	200	\$88,140.69	\$100,121.27	\$11,980.58	13.59%
5,000	2,000,000	400	\$136,373.06	\$152,717.55	\$16,344.49	11.99%
5,000	3,000,000	600	\$175,605.42	\$196,313.82	\$20,708.40	11.79%

**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	\$274.50	\$313.29	\$38.79	14.13%
15	6,000	400	\$417.09	\$468.08	\$50.98	12.22%
15	9,000	600	\$532.69	\$595.87	\$63.18	11.86%
25	5,000	200	\$440.83	\$505.48	\$64.65	14.67%
25	10,000	400	\$678.49	\$763.46	\$84.97	12.52%
25	15,000	600	\$871.15	\$976.44	\$105.29	12.09%
50	10,000	200	\$856.66	\$985.96	\$129.31	15.09%
50	20,000	400	\$1,331.98	\$1,501.93	\$169.94	12.76%
50	30,000	600	\$1,717.30	\$1,927.89	\$210.58	12.26%
75	15,000	200	\$1,272.49	\$1,466.44	\$193.96	15.24%
75	30,000	400	\$1,985.47	\$2,240.39	\$254.92	12.84%
75	45,000	600	\$2,563.46	\$2,879.33	\$315.88	12.32%
100	20,000	200	\$1,688.31	\$1,946.93	\$258.61	15.32%
100	40,000	400	\$2,638.96	\$2,978.85	\$339.89	12.88%
100	60,000	600	\$3,409.61	\$3,830.78	\$421.17	12.35%
200	40,000	200	\$3,351.63	\$3,868.85	\$517.22	15.43%
200	80,000	400	\$5,252.92	\$5,932.70	\$679.78	12.94%
200	120,000	600	\$6,794.22	\$7,636.55	\$842.34	12.40%
300	60,000	200	\$5,014.94	\$5,790.78	\$775.83	15.47%
300	120,000	400	\$7,866.88	\$8,886.55	\$1,019.67	12.96%
300	180,000	600	\$10,178.83	\$11,442.33	\$1,263.50	12.41%
500	100,000	200	\$8,341.57	\$9,634.63	\$1,293.06	15.50%
500	200,000	400	\$13,094.81	\$14,794.25	\$1,699.45	12.98%
500	300,000	600	\$16,948.04	\$19,053.88	\$2,105.84	12.43%
1,000	200,000	200	\$16,658.14	\$19,244.25	\$2,586.12	15.52%
1,000	400,000	400	\$26,164.61	\$29,563.51	\$3,398.90	12.99%
1,000	600,000	600	\$33,871.08	\$38,082.76	\$4,211.68	12.43%
3,000	600,000	200	\$49,924.42	\$57,682.76	\$7,758.35	15.54%
3,000	1,200,000	400	\$78,443.83	\$88,640.53	\$10,196.69	13.00%
3,000	1,800,000	600	\$101,563.25	\$114,198.29	\$12,635.04	12.44%
5,000	1,000,000	200	\$83,190.69	\$96,121.27	\$12,930.58	15.54%
5,000	2,000,000	400	\$130,723.06	\$147,717.55	\$16,994.49	13.00%
5,000	3,000,000	600	\$169,255.42	\$190,313.82	\$21,058.40	12.44%

**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	\$741.00	\$865.08	\$124.08	16.74%
50	20,000	400	\$1,229.51	\$1,401.67	\$172.16	14.00%
50	30,000	600	\$1,628.01	\$1,848.25	\$220.24	13.53%
75	15,000	200	\$1,100.51	\$1,286.62	\$186.12	16.91%
75	30,000	400	\$1,833.26	\$2,091.50	\$258.24	14.09%
75	45,000	600	\$2,431.02	\$2,761.37	\$330.36	13.59%
100	20,000	200	\$1,460.01	\$1,708.17	\$248.16	17.00%
100	40,000	400	\$2,437.02	\$2,781.33	\$344.32	14.13%
100	60,000	600	\$3,234.03	\$3,674.50	\$440.47	13.62%
150	30,000	200	\$2,179.01	\$2,551.25	\$372.24	17.08%
150	60,000	400	\$3,644.53	\$4,161.00	\$516.47	14.17%
150	90,000	600	\$4,840.04	\$5,500.75	\$660.71	13.65%
200	40,000	200	\$2,898.02	\$3,394.33	\$496.32	17.13%
200	80,000	400	\$4,852.03	\$5,540.67	\$688.63	14.19%
200	120,000	600	\$6,446.05	\$7,327.00	\$880.95	13.67%
300	60,000	200	\$4,336.03	\$5,080.50	\$744.47	17.17%
300	120,000	400	\$7,267.05	\$8,300.00	\$1,032.95	14.21%
300	180,000	600	\$9,658.08	\$10,979.50	\$1,321.42	13.68%
400	80,000	200	\$5,774.03	\$6,766.67	\$992.63	17.19%
400	160,000	400	\$9,682.07	\$11,059.33	\$1,377.26	14.22%
400	240,000	600	\$12,870.10	\$14,632.00	\$1,761.90	13.69%
500	100,000	200	\$7,212.04	\$8,452.83	\$1,240.79	17.20%
500	200,000	400	\$12,097.08	\$13,818.66	\$1,721.58	14.23%
500	300,000	600	\$16,082.13	\$18,284.50	\$2,202.37	13.69%
1,000	200,000	200	\$14,402.08	\$16,883.66	\$2,481.58	17.23%
1,000	400,000	400	\$24,172.17	\$27,615.33	\$3,443.16	14.24%
1,000	600,000	600	\$32,142.25	\$36,546.99	\$4,404.74	13.70%
3,000	600,000	200	\$43,162.25	\$50,606.99	\$7,444.74	17.25%
3,000	1,200,000	400	\$72,472.51	\$82,801.98	\$10,329.48	14.25%
3,000	1,800,000	600	\$96,382.76	\$109,596.98	\$13,214.21	13.71%
5,000	1,000,000	200	\$71,922.42	\$84,330.32	\$12,407.90	17.25%
5,000	2,000,000	400	\$120,772.85	\$137,988.64	\$17,215.79	14.25%
5,000	3,000,000	600	\$160,623.27	\$182,646.96	\$22,023.69	13.71%

**PEAK-CONTROLLED TOD SERVICE (Secondary Voltage)**

40% On-Peak

**Tier 2 Perf Factor B - No Firm Demand**

60% Off-Peak

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
50	10,000	200	\$737.82	\$857.46	\$119.64	16.22%
50	20,000	400	\$1,220.15	\$1,383.43	\$163.28	13.38%
50	30,000	600	\$1,612.47	\$1,819.39	\$206.92	12.83%
75	15,000	200	\$1,094.24	\$1,273.69	\$179.46	16.40%
75	30,000	400	\$1,817.72	\$2,062.64	\$244.92	13.47%
75	45,000	600	\$2,406.21	\$2,716.58	\$310.38	12.90%
100	20,000	200	\$1,450.65	\$1,689.93	\$239.28	16.49%
100	40,000	400	\$2,415.29	\$2,741.85	\$326.56	13.52%
100	60,000	600	\$3,199.94	\$3,613.78	\$413.83	12.93%
150	30,000	200	\$2,163.47	\$2,522.39	\$358.92	16.59%
150	60,000	400	\$3,610.44	\$4,100.28	\$489.83	13.57%
150	90,000	600	\$4,787.41	\$5,408.16	\$620.75	12.97%
200	40,000	200	\$2,876.29	\$3,354.85	\$478.56	16.64%
200	80,000	400	\$4,805.59	\$5,458.70	\$653.11	13.59%
200	120,000	600	\$6,374.88	\$7,202.55	\$827.67	12.98%
300	60,000	200	\$4,301.94	\$5,019.78	\$717.83	16.69%
300	120,000	400	\$7,195.88	\$8,175.55	\$979.67	13.61%
300	180,000	600	\$9,549.83	\$10,791.33	\$1,241.50	13.00%
400	80,000	200	\$5,727.59	\$6,684.70	\$957.11	16.71%
400	160,000	400	\$9,586.18	\$10,892.40	\$1,306.23	13.63%
400	240,000	600	\$12,724.77	\$14,380.11	\$1,655.34	13.01%
500	100,000	200	\$7,153.24	\$8,349.63	\$1,196.39	16.73%
500	200,000	400	\$11,976.47	\$13,609.25	\$1,632.78	13.63%
500	300,000	600	\$15,899.71	\$17,968.88	\$2,069.17	13.01%
1,000	200,000	200	\$14,281.47	\$16,674.25	\$2,392.78	16.75%
1,000	400,000	400	\$23,927.94	\$27,193.51	\$3,265.56	13.65%
1,000	600,000	600	\$31,774.42	\$35,912.76	\$4,138.35	13.02%
3,000	600,000	200	\$42,794.42	\$49,972.76	\$7,178.35	16.77%
3,000	1,200,000	400	\$71,733.83	\$81,530.53	\$9,796.69	13.66%
3,000	1,800,000	600	\$95,273.25	\$107,688.29	\$12,415.04	13.03%
5,000	1,000,000	200	\$71,307.36	\$83,271.27	\$11,963.91	16.78%
5,000	2,000,000	400	\$119,539.72	\$135,867.55	\$16,327.82	13.66%
5,000	3,000,000	600	\$158,772.08	\$179,463.82	\$20,691.74	13.03%

**TIER 1 ENERGY-CONTROLLED RIDER (Secondary Voltage)**

40% On-Peak

**Perf Factor C - No Firm Demand**

60% Off-Peak

Demand in kW	Energy in kWh	Hours	Monthly Bill		Increase	
			Present	Proposed	Amount	Percent
50	10,000	200	\$664.78	\$784.42	\$119.64	18.00%
50	20,000	400	\$1,129.07	\$1,292.35	\$163.28	14.46%
50	30,000	600	\$1,503.35	\$1,710.27	\$206.92	13.76%
75	15,000	200	\$984.68	\$1,164.13	\$179.46	18.23%
75	30,000	400	\$1,681.10	\$1,926.02	\$244.92	14.57%
75	45,000	600	\$2,242.53	\$2,552.90	\$310.38	13.84%
100	20,000	200	\$1,304.57	\$1,543.85	\$239.28	18.34%
100	40,000	400	\$2,233.13	\$2,559.69	\$326.56	14.62%
100	60,000	600	\$2,981.70	\$3,395.54	\$413.83	13.88%
150	30,000	200	\$1,944.35	\$2,303.27	\$358.92	18.46%
150	60,000	400	\$3,337.20	\$3,827.04	\$489.83	14.68%
150	90,000	600	\$4,460.05	\$5,080.80	\$620.75	13.92%
200	40,000	200	\$2,584.13	\$3,062.69	\$478.56	18.52%
200	80,000	400	\$4,441.27	\$5,094.38	\$653.11	14.71%
200	120,000	600	\$5,938.40	\$6,766.07	\$827.67	13.94%
300	60,000	200	\$3,863.70	\$4,581.54	\$717.83	18.58%
300	120,000	400	\$6,649.40	\$7,629.07	\$979.67	14.73%
300	180,000	600	\$8,895.11	\$10,136.61	\$1,241.50	13.96%
400	80,000	200	\$5,143.27	\$6,100.38	\$957.11	18.61%
400	160,000	400	\$8,857.54	\$10,163.76	\$1,306.23	14.75%
400	240,000	600	\$11,851.81	\$13,507.15	\$1,655.34	13.97%
500	100,000	200	\$6,422.84	\$7,619.23	\$1,196.39	18.63%
500	200,000	400	\$11,065.67	\$12,698.45	\$1,632.78	14.76%
500	300,000	600	\$14,808.51	\$16,877.68	\$2,069.17	13.97%
1,000	200,000	200	\$12,820.67	\$15,213.45	\$2,392.78	18.66%
1,000	400,000	400	\$22,106.34	\$25,371.91	\$3,265.56	14.77%
1,000	600,000	600	\$29,592.02	\$33,730.36	\$4,138.35	13.98%
3,000	600,000	200	\$38,412.02	\$45,590.36	\$7,178.35	18.69%
3,000	1,200,000	400	\$66,269.03	\$76,065.73	\$9,796.69	14.78%
3,000	1,800,000	600	\$88,726.05	\$101,141.09	\$12,415.04	13.99%
5,000	1,000,000	200	\$64,003.36	\$75,967.27	\$11,963.91	18.69%
5,000	2,000,000	400	\$110,431.72	\$126,759.55	\$16,327.82	14.79%
5,000	3,000,000	600	\$147,860.08	\$168,551.82	\$20,691.74	13.99%

		SERVICE CATEGORY					
		Residential	C&I Non-Dmd	C&I Demand	Outdoor Lighting	RETAIL	
<b>STEP 1: CLASS RATIOS</b>							
1	Hourly Marginal Energy Costs x Hourly Loads*	\$29,070,679	\$4,759,513	\$46,054,665	\$505,852	\$80,390,708	
2	MWh Energy at Generator	910,158	145,323	1,446,615	21,341	2,523,437	
3	Load-Weighted Marginal Energy Cost /MWh =(1)/(2)	\$31.940	\$32.751	\$31.836	\$23.703	\$31.858	
4	<b>Class Ratio (Class Unit Cost / Retail Unit Cost)</b>	<b>1.0026</b>	<b>1.0281</b>	<b>0.9993</b>	<b>0.7440</b>	<b>1.0000</b>	
<b>STEP 2: C&amp;I DEMAND TOD RATIOS</b>							
				Non-TOD	On-Peak	Off-Peak	
5	Ratio of On-Peak to Off-Peak System Weighted Marginal Energy Costs				1.633		
6	C&I Demand Class Time-of-Day Percentages from 8760 loads				0.4213	0.5787	
7	C&I Demand TOD On-Peak Ratio = 1 / (0.4213 + (0.5787 / 1.633)) **				<b>1.2892</b>		
8	C&I Demand TOD Off-Peak Ratio = 1 / ((1.633 x 0.4213) + 0.5787) **					<b>0.7895</b>	
9	C&I Demand Non-TOD On-Peak Weighting			0.4566			
10	C&I Demand Non-TOD Off-Peak Weighting			0.5434			
11	C&I Demand Non-TOD Ratio = (0.4566 x 1.2892) + (0.5434 x 0.7895)			<b>1.0177</b>			
<b>STEP 3: FUEL ADJUSTMENT FACTOR</b>							
12	FAF = Step 1, or for C&I Demand, Step 1 x Step 2	<b>1.0026</b>	<b>1.0281</b>	<b>1.0170</b>	<b>1.2883</b>	<b>0.7889</b>	<b>0.7440</b>
		(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 = (42.13% class on-peak x on-peak charge) + (57.87% class off-peak x off-peak charge)

Northern States Power Company, a Minnesota corporation	Case No. PU-10-_____
Electric Utility – State of North Dakota Retail Jurisdiction	Exhibit____(SVH-1), Schedule 8
Test Year Ending December 31, 2011	Page 1 of 2
<b>Summary List of Tariff Changes (Other than Updated Rates)</b>	

<u>Tariff</u>	<u>Sheet No.</u>	<u>Rate Codes</u>	<u>Changes</u>
Table of Contents	1-2		Updated table of contents.
Contact List	2-1		Updated President and CEO name.
Index of Company's Service Area	3-1		Updated communities served.
Rate Schedules – Table of Contents	5-TOC-1		Updated table of contents.
Rules for Application of Residential Rates	5-11		1. Removed Residential Service-Underground and Residential Time of Day Service-Underground. 2. Removed obsolete item 7 re: duplex rate blocks.
Rules for Application of Peak-Controlled Service	5-42		Minimum demand charge differential removed (Tier 1)
Rules for Application of Peak-Controlled Service	5-43		Minimum demand charge differential removed (Tier 2)
Street Lighting Service (Leased Equipment)	5-59	D30	1. Changed title to Street Lighting System Service. 2. Removed word "Custom".
Street Lighting Service – Metered (Purchased Equipment)	5-63	D33	Changed title to Street Lighting Energy Service - Metered
Rules for Application of Street Lighting Rates	5-64		Changed Leased Equipment to System Service.
Rules for Application of Street Lighting Rates	5-65		1. Moved Special Services to Sheet 5-66. 2. Removed Conversion to High Pressure Sodium Street Lights information.
Rules for Application of Street Lighting Rates	5-66		Changed Leased Equipment to System Service.
Municipal Pumping Service	5-68	D41	1. Added Energy Charge Credit 2. Revised Determination of Demand Provision to be the same as General Service
Municipal Pumping Service	5-69	D41	Deleted Secondary & Primary Rate Codes.
Fuel Clause Rider	5-76.1		Updated Service Category Ratios.
Standby Service Rider	5-82		1. Re-bundled the generation, transmission & distribution components into one charge. 2. Lowered the transmission component for Firm Standby. 3. Eliminated the transmission component for Non-Firm Standby. 4. Revised language for clarification.
Standby Service Rider	5-82.1		1. Added clarifying language. 2. Corrected typo.
Standby Service Rider	5-83		1. Corrected typos. 2. Added production costs of \$70 or more. 3. Added clarifying language.
Standby Service Rider	5-83.1		Added clarifying language.
Tier 1 Energy Controlled Service Rider	5-89	D22	Replaced MAPP with MRO.

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<b>Summary List of Tariff Changes (Other than Updated Rates)</b>	

<u>Tariff</u>	<u>Sheet No.</u>	<u>Rate Codes</u>	<u>Changes</u>
Table of Contents	6-TOC-1		Added 1.8 Dedicated Switching Service.
General Rules and Regulations – Service Charges	6-1		1. Reformatted Section 1.2. 2. Updated Service Reconnection Charge. 3. Added Service Relock Charge. 4. Added clarifying language.
General Rules and Regulations – Service Calls	6-4		Added 1.8 Dedicated Switching Service.
General Rules and Regulations – Standard Installation	6-25		Updated Excess Footage Charge.
General Rules and Regulations – Standard Installation	6-26		1. Added Excess Footage Charges. 2. Updated Winter Construction Charges.