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BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

SUSAN BITTER SMITH - CHAIRMAN
BOB STUMP
BOB BURNS
DOUG LITTLE
TOM FORESE

Arizona Corporation Commission

AZ CORP COMMISSION
DOCKET CONTROL

DOCKETED

JUN 03 2015

DOCKETED BY *DBB*

IN THE MATTER OF THE APPLICATION OF)
UNS ELECTRIC, INC. FOR THE)
ESTABLISHMENT OF JUST AND)
REASONABLE RATES AND CHARGES)
DESIGNED TO REALIZE A REASONABLE)
RATE OF RETURN ON THE FAIR VALUE OF)
THE PROPERTIES OF UNS ELECTRIC, INC.)
DEVOTED TO ITS OPERATIONS)
THROUGHOUT THE STATE OF ARIZONA)
AND FOR RELATED APPROVALS.)

DOCKET NO. E-04204A-15-0142

NOTICE OF FILING REVISED
SCHEDULES H-3 AND H-4 IN
SUPPORT OF APPLICATION

On May 5, 2015, UNS Electric, Inc. ("UNS Electric" or "Company"), through undersigned counsel, filed with the Arizona Corporation Commission ("Commission") pursuant to A.R.S. §§ 40-250 and 40-251 and A.A.C. R14-2-103, an Application in the above-referenced docket. Since the filing of the Application, the Company has had discussions with Commission Staff regarding possible revisions to some of the information reflected in Schedules H-3 and H-4. Consistent with such discussions, UNS Electric hereby files revised Schedules H-3 and H-4 to be included with its Application.

RESPECTFULLY SUBMITTED this 3rd day of June 2015.

UNS ELECTRIC, INC.

By *[Signature]*

Bradley S. Carroll
UNS Electric, Inc.
88 East Broadway, MS HQE910
P.O. Box 711
Tucson, Arizona 85702

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Michael W. Patten
Jason D. Gellman
Snell & Wilmer L.L.P.
One Arizona Center
400 East Van Buren Street
Phoenix, Arizona 85004

Attorneys for UNS Electric, Inc.

Original and 13 copies of the foregoing
filed this 3rd day of June 2015, with:

Docket Control
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

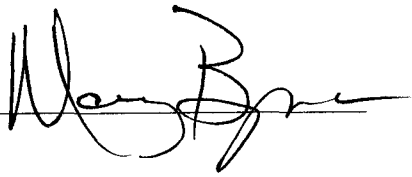
Copies of the foregoing hand-delivered/mailed
this 3rd day of June 2015, to:

Jane Rodda, Administrative Law Judge
Hearing Division
Arizona Corporation Commission
400 West Congress
Phoenix, Arizona 85701

Brian E. Smith
Bridget A. Humphrey
Legal Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

Steve Olea, Director
Utilities Division
Arizona Corporation Commission
1200 West Washington Street
Phoenix, Arizona 85007

David Tenney, Director
Residential Utility Consumer Office
1110 West Washington Street, Ste. 220
Phoenix, Arizona 85007

By 

	Present Rate	Proposed Rate	Increase	
			\$	%
Residential Service CARES				
Basic Service Charge	\$4.90	\$9.00	\$4.10	83.67%
Energy Charge 1st 400 kWhs	\$0.018973	\$0.030810	\$0.011837	62.39%
Energy Charge, all additional kWhs	\$0.035400	\$0.050810	\$0.015410	43.53%
Base Power Supply Charge, all kWhs	\$0.061700	\$0.049260	-\$0.012440	-20.16%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Residential Service				
Basic Service Charge	\$10.00	\$20.00	\$10.00	100.00%
Energy Charge 1st 400 kWhs	\$0.019300	\$0.030810	\$0.011510	59.64%
Energy Charge 401-1,000 kWhs	\$0.034350	\$0.050810	\$0.016460	47.92%
Energy Charge, all additional kWhs	\$0.038499	\$0.050810	\$0.012311	31.98%
Base Power Supply Charge, all kWhs	\$0.064510	\$0.049260	-\$0.015250	-23.64%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Residential Service Demand				
Basic Service Charge	N/A	\$20.00	N/A	N/A
Demand Charge, 1st 7 kW	N/A	\$6.00	N/A	N/A
Demand Charge, all additional kW	N/A	\$9.95	N/A	N/A
Energy Charge (kWhs)	N/A	\$0.010000	N/A	N/A
Base Power Supply Charge, all kWhs	N/A	\$0.049260	N/A	N/A
PPFAC ¹	N/A	\$0.000000	N/A	N/A
Residential Service Time-of-Use				
Basic Service Charge	\$11.50	\$20.00	\$8.50	73.91%
Energy Charge 1st 400 kWhs	\$0.030350	\$0.030810	\$0.000460	1.52%
Energy Charge 401-1,000 kWhs	\$0.030350	\$0.050810	\$0.020460	67.41%
Energy Charge, all additional kWhs	\$0.030350	\$0.050810	\$0.020460	67.41%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.129605	\$0.101110	-\$0.028495	-21.99%
Summer Off-peak, kWh	\$0.039605	\$0.033900	-\$0.005705	-14.40%
Winter On-peak, kWh	\$0.129605	\$0.098960	-\$0.030645	-23.64%
Winter Off-peak, kWh	\$0.031385	\$0.033579	\$0.002194	6.99%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Residential Service Demand Time-of-Use				
Basic Service Charge	N/A	\$20.00	N/A	N/A
Demand Charge, 1st 7 kW	N/A	\$6.00	N/A	N/A
Demand Charge, all additional kW	N/A	\$9.95	N/A	N/A
Energy Charge (kWhs)	N/A	\$0.010000	N/A	N/A
Base Power Supply Charge				
Summer On-peak, kWh	N/A	\$0.101110	N/A	N/A
Summer Off-peak, kWh	N/A	\$0.033900	N/A	N/A
Winter On-peak, kWh	N/A	\$0.098960	N/A	N/A
Winter Off-peak, kWh	N/A	\$0.033579	N/A	N/A
PPFAC ¹	N/A	\$0.000000	N/A	N/A
Residential Service Time-of-Use Super Peak				
Basic Service Charge	\$11.50	\$20.00	\$8.50	73.91%
Energy Charge 1st 400 kWhs	\$0.025000	\$0.030810	\$0.005810	23.24%
Energy Charge, all additional kWhs	\$0.035000	\$0.050810	\$0.015810	45.17%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.170000	\$0.149700	-\$0.020300	-11.94%
Summer Off-peak, kWh	\$0.039700	\$0.038250	-\$0.001450	-3.65%
Winter On-peak, kWh	\$0.150000	\$0.149700	-\$0.000300	-0.20%
Winter Off-peak, kWh	\$0.038700	\$0.038250	-\$0.000450	-1.16%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%

	Present Rate	Proposed Rate	Increase	
			\$	%
Small General Service				
Basic Service Charge	\$14.50	\$30.00	\$15.50	106.90%
Energy Charge 1st 400 kWh	\$0.030176	\$0.039497	\$0.009321	30.89%
Energy Charge 401 -7,500 kWh	\$0.041042	\$0.049497	\$0.008455	20.60%
Energy Charge >7,500 kWh	\$0.076042	\$0.086950	\$0.010908	14.34%
Base Power Supply Charge, all kWhs	\$0.058241	\$0.048610	-\$0.009631	-16.54%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Small General Service Demand				
Basic Service Charge	N/A	\$30.00	N/A	N/A
Demand Charge, 1st 15 kW	N/A	\$6.85	N/A	N/A
Demand Charge, all additional kW	N/A	\$7.85	N/A	N/A
Energy Charge, 1st 7,500 kWhs	N/A	\$0.011100	N/A	N/A
Energy Charge, all additional kWhs	N/A	\$0.055000	N/A	N/A
Base Power Supply Charge, all kWhs	N/A	\$0.048610	N/A	N/A
PPFAC ¹	N/A	\$0.000000	N/A	N/A
Small General Service Time-of-Use				
Basic Service Charge	\$16.50	\$30.00	\$13.50	81.82%
Energy Charge 1st 400 kWh	\$0.030176	\$0.039497	\$0.009321	30.89%
Energy Charge 401 -7,500 kWh	\$0.043176	\$0.049497	\$0.006321	14.64%
Energy Charge >7,500 kWh	\$0.076042	\$0.086950	\$0.010908	14.34%
Base Power Supply Charges				
Summer On-peak, kWh	\$0.129605	\$0.126510	-\$0.003095	-2.39%
Summer Off-peak, kWh	\$0.039605	\$0.033010	-\$0.006595	-16.65%
Winter On-peak, kWh	\$0.129605	\$0.108510	-\$0.021095	-16.28%
Winter Off-peak, kWh	\$0.031385	\$0.032910	\$0.001525	4.86%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Small General Service Demand Time-of-Use				
Basic Service Charge	N/A	\$30.00	N/A	N/A
Demand Charge, 1st 15 kW	N/A	\$6.85	N/A	N/A
Demand Charge, all additional kW	N/A	\$7.85	N/A	N/A
Energy Charge, 1st 7,500 kWhs	N/A	\$0.011100	N/A	N/A
Energy Charge, all additional kWhs	N/A	\$0.055000	N/A	N/A
Base Power Supply Charge				
Summer On-peak, kWh	N/A	\$0.126510	N/A	N/A
Summer Off-peak, kWh	N/A	\$0.033010	N/A	N/A
Winter On-peak, kWh	N/A	\$0.108510	N/A	N/A
Winter Off-peak, kWh	N/A	\$0.032910	N/A	N/A
PPFAC ¹	N/A	\$0.000000	N/A	N/A
Medium General Service²				
Basic Service Charge	\$50.00	\$100.00	\$50.00	100.00%
Demand Charge, per kW	\$12.81	\$13.05	\$0.24	1.87%
Energy Charge (kWhs)	\$0.005470	\$0.005500	\$0.000030	0.55%
Base Power Supply Charge, all kWhs	\$0.056603	\$0.048440	-\$0.008163	-14.42%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Medium General Service Time-of-Use²				
Basic Service Charge	\$52.00	\$100.00	\$48.00	92.31%
Demand Charge, per kW	\$12.81	\$13.05	\$0.24	1.87%
Energy Charge (kWhs)	\$0.005470	\$0.005500	\$0.000030	0.55%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.114886	\$0.109900	-\$0.004986	-4.34%
Summer Off-peak, kWh	\$0.039886	\$0.033500	-\$0.006386	-16.01%
Winter On-peak, kWh	\$0.114886	\$0.089900	-\$0.024986	-21.75%
Winter Off-peak, kWh	\$0.026168	\$0.031600	\$0.005432	20.76%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%

	Present Rate	Proposed Rate	Increase	
			\$	%
Large General Service				
Basic Service Charge	\$50.00	\$300.00	\$250.00	500.00%
Demand Charge, per kW	\$12.81	\$12.96	\$0.15	1.17%
Energy Charge (kWhs)	\$0.005470	\$0.005400	-\$0.000070	-1.28%
Base Power Supply Charge, all kWhs	\$0.056603	\$0.048400	-\$0.008203	-14.49%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Large General Service Time-of-Use				
Basic Service Charge	\$52.00	\$300.00	\$248.00	476.92%
Demand Charge, per kW	\$12.81	\$12.96	\$0.15	1.17%
Energy Charge (kWhs)	\$0.005470	\$0.005400	-\$0.000070	-1.28%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.114886	\$0.145510	\$0.030624	26.66%
Summer Off-peak, kWh	\$0.039886	\$0.034510	-\$0.005376	-13.48%
Winter On-peak, kWh	\$0.114886	\$0.124510	\$0.009624	8.38%
Winter Off-peak, kWh	\$0.026168	\$0.032910	\$0.006742	25.76%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Large Power Service³				
Basic Service Charge <69 kV	\$1,200.00	\$300.00	-\$900.00	-75.00%
Basic Service Charge ≥69 kV	\$1,200.00	\$1,200.00	\$0.00	0.00%
Demand Charge <69kV, per kW	\$22.00	\$12.96	-\$9.04	-41.09%
Demand Charge ≥69kV, per kW	\$17.00	\$12.48	-\$4.52	-26.59%
Energy Charge (kWhs) <69 kV	\$0.000462	\$0.005400	\$0.004938	1068.83%
Energy Charge (kWhs) ≥69 kV	\$0.000462	\$0.000520	\$0.000058	12.55%
Base Power Supply Charge, all kWhs <69 kV	\$0.041880	\$0.048400	\$0.006520	15.57%
Base Power Supply Charge, all kWhs ≥69 kV	\$0.041880	\$0.048410	\$0.006530	15.59%
PPFAC ¹ <69kV	(\$0.002139)	\$0.000000	\$0.002139	100.00%
PPFAC ¹ ≥69kV	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Large Power Service Time-of-Use³				
Basic Service Charge <69 kV	\$1,200.00	\$300.00	-\$900.00	-75.00%
Basic Service Charge ≥69 kV	\$1,200.00	\$1,200.00	\$0.00	0.00%
Demand Charge <69kV, per kW	\$22.00	\$12.96	-\$9.04	-41.09%
Demand Charge ≥69kV, per kW	\$17.00	\$12.48	-\$4.52	-26.59%
Energy Charge (kWhs) <69 kV	\$0.000462	\$0.005400	\$0.004938	1068.83%
Energy Charge (kWhs) ≥69 kV	\$0.000462	\$0.000520	\$0.000058	12.55%
Base Power Supply Charge <69 kV				
Summer On-peak, kWh	\$0.123580	\$0.145510	\$0.021930	17.75%
Summer Off-peak, kWh	\$0.024716	\$0.034510	\$0.009794	39.63%
Winter On-peak, kWh	\$0.093880	\$0.124510	\$0.030630	32.63%
Winter Off-peak, kWh	\$0.022105	\$0.032910	\$0.010805	48.88%
Base Power Supply Charge ≥69 kV				
Summer On-peak, kWh	\$0.123580	\$0.122510	-\$0.001070	-0.87%
Summer Off-peak, kWh	\$0.024716	\$0.032110	\$0.007394	29.92%
Winter On-peak, kWh	\$0.093880	\$0.092110	-\$0.001770	-1.89%
Winter Off-peak, kWh	\$0.022105	\$0.030910	\$0.008805	39.83%
PPFAC ¹ <69kV	(\$0.002139)	\$0.000000	\$0.002139	100.00%
PPFAC ¹ ≥69kV	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Large Power Service Mining (≥69kV)				
Basic Service Charge	\$1,200.00	\$1,200.00	\$0.00	0.00%
Demand Charge, per kW	\$17.00	\$12.48	-\$4.52	-26.59%
Energy Charge (kWhs)	\$0.000462	\$0.000520	\$0.000058	12.55%
Base Power Supply Charge, all kWhs	\$0.041880	\$0.048410	\$0.006530	15.59%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%

	Present Rate	Proposed Rate	Increase	
			\$	%
Interruptible Power Service				
Basic Service Charge	\$18.00	\$75.00	\$57.00	316.67%
Demand Charge, per kW	\$5.00	\$6.52	\$1.52	30.40%
Energy Charge (kWhs)	\$0.019408	\$0.019790	\$0.000382	1.97%
Base Power Supply Charge, all kWhs	\$0.043760	\$0.049821	\$0.006061	13.85%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
Lighting Dusk to Dawn				
New 30' Wood Pole (Class 6) - Overhead	\$4.34	\$4.68	\$0.34	7.83%
New 30' Metal or Fiberglass - Overhead	\$8.66	\$9.35	\$0.69	7.97%
Existing Wood Pole - Underground	\$2.18	\$2.35	\$0.17	7.80%
New 30' Wood Pole (Class 6) - Underground	\$6.52	\$7.04	\$0.52	7.98%
New 30' Metal or Fiberglass - Underground	\$10.81	\$11.67	\$0.86	7.96%
Wattage, per Watt	\$0.051681	\$0.060516	\$0.008835	17.10%
Lighting Base Power Supply Charge, per kWh	\$0.010113	\$0.013110	\$0.002997	29.64%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
TOU - Medium General Service Schools (Formally TOU - Small General Service Schools)				
Basic Service Charge	\$16.50	\$100.00	\$83.50	506.06%
Demand Charge, per kW	N/A	\$13.05	N/A	N/A
Energy Charge 1st 400 kWh	\$0.030176	\$0.005500	-\$0.024676	-81.77%
Energy Charge 401 -7,500 kWh	\$0.043176	\$0.005500	-\$0.037676	-87.26%
Energy Charge >7,500 kWh	\$0.076042	\$0.005500	-\$0.070542	-92.77%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.137405	\$0.115600	-\$0.021805	-15.87%
Summer Off-peak, kWh	\$0.047405	\$0.039200	-\$0.008205	-17.31%
Winter On-peak, kWh	\$0.137405	\$0.095600	-\$0.041805	-30.42%
Winter Off-peak, kWh	\$0.039185	\$0.037300	-\$0.001885	-4.81%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%
TOU - Large General Service Schools				
Basic Service Charge	\$52.00	\$300.00	\$248.00	476.92%
Demand Charge, per kW	\$12.81	\$12.96	\$0.15	1.17%
Energy Charge (kWhs)	\$0.005470	\$0.005400	-\$0.000070	-1.28%
Base Power Supply Charge				
Summer On-peak, kWh	\$0.120586	\$0.150210	\$0.029624	24.57%
Summer Off-peak, kWh	\$0.045586	\$0.039210	-\$0.006376	-13.99%
Winter On-peak, kWh	\$0.120586	\$0.129210	\$0.008624	7.15%
Winter Off-peak, kWh	\$0.031868	\$0.037610	\$0.005742	18.02%
PPFAC ¹	(\$0.002139)	\$0.000000	\$0.002139	100.00%

¹ The Present Rate for the PPFAC is the Test Year average PPFAC, since the rate varies by month. The Proposed Rate is \$0.00, since the PPFAC rate will be reset to zero for one month when the new base rates become effective. However, the PPFAC rate will change monthly in all subsequent months by an amount defined in the proposed PPFAC POA. The Company has proposed the PPFAC be a percentage based adjustment that will be recalculated monthly and reflected as a single percentage based adjustment applied to base fuel cost for each rate class (e.g. the percentage adjustment will be the same percentage value regardless of the rate class).

² For the new Medium General Service and Medium General Service Time-of-Use rates, the Present Rate column is populated with the currently existing rates for Large General Service and Large General Service Time-of-Use, respectively, since these two new Medium General Service classes will be comparable to the former Large General Service classes.

³ The proposed Large Power Service rate classes will be restricted to customers with ≥69kV service. The Proposed Rate column for <69kV service is populated with the Proposed Rates from the corresponding Large General Service rate classes.

RESIDENTIAL SERVICE

BILL IMPACTS CURRENT RATES											
Total kWh	Delivery (kWh)		Basic Service Charge	Delivery 0-400 kWh	Delivery 401-1,000 kWh	Delivery 1,000+ kWh	TCA	Base Fuel	PPFAC	Net Bill	
	0-400	401-1,000									
	0-400	401-1,000	1,000+	\$0.019300	\$0.034350	\$0.038499	\$0.001140	\$0.064510	-\$0.002139		
Xsmall	111	111	0	\$2.14	\$0.00	\$0.00	\$0.13	\$7.16	-\$0.24	\$19.19	
Small	330	330	0	\$6.37	\$0.00	\$0.00	\$0.38	\$21.29	-\$0.71	\$37.33	
Medium	664	400	264	\$7.72	\$9.07	\$0.00	\$0.76	\$42.83	-\$1.42	\$68.96	
Large	1,144	400	600	\$7.72	\$20.61	\$5.54	\$1.30	\$73.80	-\$2.45	\$116.53	
Xlarge	2,162	400	600	\$7.72	\$20.61	\$44.74	\$2.46	\$139.47	-\$4.63	\$220.37	
Mean	830	400	430	\$7.72	\$14.75	\$0.00	\$0.95	\$53.51	-\$1.77	\$85.16	
Sum	983	400	583	\$7.72	\$20.04	\$0.00	\$1.12	\$63.43	-\$2.10	\$100.20	
Win	669	400	269	\$7.72	\$9.25	\$0.00	\$0.76	\$43.18	-\$1.43	\$69.48	
Annual										\$1,018.12	

BILL IMPACTS PROPOSED RATES											
Total kWh	Delivery (kWh)		Basic Service Charge	Delivery 0-400 kWh	Delivery 401-1,000 kWh	Delivery 1,000+ kWh	TCA	Base Fuel	PPFAC	Net Bill	% Change
	0-400	401-1,000									
	0-400	401-1,000	1,000+	\$0.030810	\$0.050810	\$0.050810	\$0.000000	\$0.049260	\$0.000000		
Xsmall	111	111	0	\$3.42	\$0.00	\$0.00	\$0.00	\$5.47	\$0.00	\$28.89	50.5%
Small	330	330	0	\$10.17	\$0.00	\$0.00	\$0.00	\$16.26	\$0.00	\$46.43	24.4%
Medium	664	400	264	\$12.32	\$13.41	\$0.00	\$0.00	\$32.71	\$0.00	\$78.45	13.8%
Large	1,144	400	600	\$12.32	\$30.49	\$7.32	\$0.00	\$56.35	\$0.00	\$126.48	8.5%
Xlarge	2,162	400	600	\$12.32	\$30.49	\$59.04	\$0.00	\$106.50	\$0.00	\$228.35	3.6%
Mean	830	400	430	\$12.32	\$21.82	\$0.00	\$0.00	\$40.86	\$0.00	\$95.01	11.6%
Sum	983	400	583	\$12.32	\$29.64	\$0.00	\$0.00	\$48.44	\$0.00	\$110.40	10.2%
Win	669	400	269	\$12.32	\$13.69	\$0.00	\$0.00	\$32.98	\$0.00	\$78.99	13.7%
Annual										\$1,136.37	11.6%

RESIDENTIAL SERVICE DEMAND

Partial Requirements Service

Load Factor	Demand (kW)	Energy Produced (kWh)	Energy Use (kWh)	NET Energy Delivered (kWh)	NET Energy Received (kWh)	Billed Energy (kWh)	Delivery (kW)		Delivery (kWh)	Basic Service Charge	Delivery 0-7 kW	Delivery 7+ kW	Delivery 0-400 kWh	Delivery 401-1,000 kWh	Delivery 1,000+ kWh	Delivery 1,000+ kWh	TCA	Base Fuel	PPFAC	Energy Production Credits	Net Bill	% Change
							0.7	7+														
0.18	0.8	111	111	71	71	0	0.8	-	0	\$10.00	\$0.00	\$0.00	\$0.03900	\$0.03950	\$0.03899	\$0.001140	\$0.064510	\$0.002139	\$0.00	\$0.00	\$10.00	
0.19	2.3	330	330	190	190	0	2.3	-	0	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	
0.23	4.0	664	664	364	364	0	4.0	-	0	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	
0.26	6.1	1,144	1,144	612	612	0	6.1	-	0	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	
0.27	10.9	2,162	2,162	1,159	1,159	0	7.0	3.9	0	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	
0.23	5.0	830	830	458	458	0	5.0	-	0	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	
0.26	5.2	995	995	518	436	0	5.2	-	0	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	
0.19	4.8	665	728	398	480	0	4.8	-	0	\$10.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$10.00	
Annual																					\$120.00	-88%

Changes from Current Full Requirements RES-01 Annual Bill: -\$895.12

RESIDENTIAL SERVICE DEMAND

Partial Requirements Service

Load Factor	Demand (kW)	Energy Produced (kWh)	Energy Use (kWh)	NET Energy Delivered (kWh)	NET Energy Received (kWh)	Billed Energy (kWh)	Delivery (kW)		Delivery (kWh)	Basic Service Charge	Delivery 0-7 kW	Delivery 7+ kW	Delivery 0-400 kWh	Delivery 401-1,000 kWh	Delivery 1,000+ kWh	Delivery 1,000+ kWh	TCA	Base Fuel	PPFAC	Energy Production Credits	Net Bill	% Change	
							0.7	7+															
0.18	0.8	111	111	71	71	0	0.8	-	71	\$20.00	\$6.00	\$9.95	\$0.01000	\$0.01000	\$0.00	\$0.00	\$0.000000	\$0.049160	\$0.000000	\$0.00	\$24.86	148.6%	
0.19	2.3	330	330	190	190	0	2.3	-	190	\$20.00	\$13.80	\$0.00	\$1.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.36	\$0.00	\$0.00	\$11.10	\$33.98	239.6%
0.23	4.0	664	664	364	364	0	4.0	-	364	\$20.00	\$24.00	\$0.00	\$3.64	\$0.00	\$0.00	\$0.00	\$0.00	\$17.93	\$0.00	\$0.00	\$21.26	\$44.31	343.1%
0.26	6.1	1,144	1,144	612	612	0	6.1	-	400	\$20.00	\$36.60	\$0.00	\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$30.15	\$0.00	\$0.00	\$31.74	\$51.13	471.3%
0.27	10.9	2,162	2,162	1,159	1,159	0	7.0	3.9	400	\$20.00	\$42.00	\$38.81	\$4.00	\$6.00	\$1.59	\$0.00	\$0.00	\$27.09	\$0.00	\$0.00	\$67.69	\$107.80	916.0%
0.23	5.0	830	830	458	458	0	5.0	-	400	\$20.00	\$30.00	\$0.00	\$4.00	\$0.58	\$0.00	\$0.00	\$0.00	\$22.56	\$0.00	\$0.00	\$26.75	\$50.39	403.9%
0.26	5.2	995	932	518	436	0	5.2	-	400	\$20.00	\$31.20	\$0.00	\$4.00	\$1.18	\$0.00	\$0.00	\$0.00	\$25.52	\$0.00	\$0.00	\$25.46	\$55.44	464.4%
0.19	4.8	665	728	398	480	0	4.8	-	398	\$20.00	\$28.80	\$0.00	\$3.98	\$0.00	\$0.00	\$0.00	\$0.00	\$19.61	\$0.00	\$0.00	\$28.03	\$44.36	343.6%
Annual																					\$604.77	-46.8%	

Change from Proposed Full Requirements RES-01 Annual Bill: -\$531.60

1. This is a new proposed rate and there are currently no customers on the rate.
2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.
3. Partial Requirements Service customers are assumed to own a distributed generation facility sized to produce energy equal to 100% of usage on an annual basis.
4. Partial Requirements Service customers taking service under the current Net Metering tariff are allowed to bank kWh produced in excess of kWh consumed and credit the excess production against usage in future months. Therefore, Billed Energy for the average summer and winter months is represented as zero under Current Rates.

RESIDENTIAL SERVICE CARES

BILL IMPACTS CURRENT RATES									
Total kWh	Delivery (kWh)	Basic Service Charge	Delivery 0-400 kWh	Delivery 400+ kWh	TCA	Base Fuel	PPFAC	Net Bill	Discounts
	1-400	\$4.90	\$0.018973	\$0.035400	\$0.001140	\$0.061700	-\$0.002139		
	220	\$4.90	\$4.17	\$0.00	\$0.25	\$13.57	-\$0.47	\$15.69	30.00%
Xsmall	360	\$4.90	\$6.83	\$0.00	\$0.41	\$22.21	-\$0.77	\$26.86	20.00%
Small	607	\$4.90	\$7.59	\$7.33	\$0.69	\$37.45	-\$1.30	\$50.99	10.00%
Medium	990	\$4.90	\$7.59	\$20.89	\$1.13	\$61.08	-\$2.12	\$84.12	10.00%
Large	1,843	\$4.90	\$7.59	\$51.08	\$2.10	\$113.71	-\$3.94	\$167.44	\$8.00
Xlarge	753	\$4.90	\$7.59	\$12.49	\$0.86	\$46.45	-\$1.61	\$63.61	10.00%
Mean	867	\$4.90	\$7.59	\$16.53	\$0.99	\$53.49	-\$1.85	\$73.49	10.00%
Sum	638	\$4.90	\$7.59	\$8.43	\$0.73	\$39.37	-\$1.37	\$53.69	10.00%
Win									
Annual								\$763.08	

BILL IMPACTS PROPOSED RATES									
Total kWh	Delivery (kWh)	Basic Service Charge	Delivery 0-400 kWh	Delivery 400+ kWh	TCA	Base Fuel	PPFAC	Net Bill	% Change
	1-400	\$9.00	\$0.030810	\$0.050810	\$0.000000	\$0.049260	\$0.000000		
	220	\$9.00	\$6.78	\$0.00	\$0.00	\$10.84	\$0.00	\$18.63	18.76%
Xsmall	360	\$9.00	\$11.09	\$0.00	\$0.00	\$17.73	\$0.00	\$30.26	20.00%
Small	607	\$9.00	\$12.32	\$10.52	\$0.00	\$29.90	\$0.00	\$55.57	10.00%
Medium	990	\$9.00	\$12.32	\$29.98	\$0.00	\$48.77	\$0.00	\$90.06	10.00%
Large	1,843	\$9.00	\$12.32	\$73.32	\$0.00	\$90.79	\$0.00	\$177.43	\$8.00
Xlarge	753	\$9.00	\$12.32	\$17.93	\$0.00	\$37.09	\$0.00	\$68.71	10.00%
Mean	867	\$9.00	\$12.32	\$23.73	\$0.00	\$42.71	\$0.00	\$78.98	10.00%
Sum	638	\$9.00	\$12.32	\$12.10	\$0.00	\$31.43	\$0.00	\$58.37	10.00%
Win									
Annual								\$824.09	8.00%

RESIDENTIAL SERVICE RATE TIME OF USE

WINTER

BILL IMPACTS CURRENT RATES												
kWh	Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge	Delivery All kWh	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	
	On-Peak	Off-Peak	0-400	401-1,000								
Winter	0.24	0.76				\$0.030350	\$0.001140	\$0.129605	\$0.031385			
Summer								\$0.129605	\$0.039605			
Xsm	36	114	150	0	0	\$4.55	\$0.17	\$4.67	\$3.58	-\$0.32	\$24.15	
Small	69	217	286	0	0	\$8.68	\$0.33	\$8.90	\$6.82	-\$0.61	\$35.62	
Medium	154	487	400	241	0	\$19.45	\$0.73	\$19.94	\$15.29	-\$1.37	\$65.54	
Large	250	793	400	600	43	\$31.66	\$1.19	\$32.44	\$24.88	-\$2.23	\$99.44	
XLg	434	1,376	400	600	810	\$54.93	\$2.06	\$56.30	\$43.17	-\$3.87	\$164.09	
AnnAvg	242	766	400	600	8	\$30.59	\$1.15	\$31.36	\$24.05	-\$2.16	\$96.49	
Avg Win	192	608	400	401	0	\$24.30	\$0.91	\$24.90	\$19.10	-\$1.71	\$79.00	

BILL IMPACTS PROPOSED RATES

kWh	Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge	Delivery All kWh		TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	
	On-Peak	Off-Peak	0-400	401-1,000		1,000+							
Winter						\$0.030810	\$0.050810	\$0.000000	\$0.098960	\$0.033579	\$0.000000		
Summer									\$0.101110	\$0.039900			
Xsm	36	114	150	0	0	\$4.62	\$0.00	\$0.00	\$3.56	\$3.83	\$0.00	\$32.01	\$ Change
Small	69	217	286	0	0	\$8.81	\$0.00	\$0.00	\$6.79	\$7.30	\$0.00	\$42.90	\$ Change
Medium	154	487	400	241	0	\$12.32	\$12.25	\$0.00	\$15.22	\$16.36	\$0.00	\$76.15	\$ Change
Large	250	793	400	600	43	\$12.32	\$30.49	\$2.18	\$24.77	\$26.62	\$0.00	\$116.38	\$ Change
XLg	434	1,376	400	600	810	\$12.32	\$30.49	\$41.16	\$42.99	\$46.19	\$0.00	\$193.15	\$ Change
AnnAvg	242	766	400	600	8	\$12.32	\$30.49	\$0.41	\$23.94	\$25.73	\$0.00	\$112.89	\$ Change
Avg Win	192	608	400	401	0	\$12.32	\$20.36	\$0.00	\$19.02	\$20.43	\$0.00	\$92.13	\$ Change

RESIDENTIAL SERVICE RATE TIME OF USE

SUMMER

kWh	BILL IMPACTS CURRENT RATES										Net Bill	
	Delivery (kWh) On-Peak	Delivery (kWh) Off-Peak	Delivery (kWh) TIERS 0-400	Delivery (kWh) TIERS 401-1,000	Delivery (kWh) TIERS 1,000+	Basic Service Charge	Delivery All kWh	TCA	Base Fuel On-Peak	Base Fuel Off-Peak		PPFAC
Winter						\$11.50	\$0.030350	\$0.001140		\$0.031385		
Summer	0.23	0.77							\$0.129605	\$0.039605		
Xsm	60	201	261	0	0	\$11.50	\$7.92	\$0.30	\$7.78	\$7.96	-\$0.56	\$34.90
Small	121	404	400	125	0	\$11.50	\$15.93	\$0.60	\$15.65	\$16.01	-\$1.12	\$58.57
Medium	226	757	400	583	0	\$11.50	\$29.83	\$1.12	\$29.30	\$29.98	-\$2.10	\$99.63
Large	371	1,240	400	600	611	\$11.50	\$48.89	\$1.84	\$48.02	\$49.13	-\$3.45	\$155.93
XLg	617	2,064	400	600	1,681	\$11.50	\$81.37	\$3.06	\$79.92	\$81.76	-\$5.74	\$251.87
AnnAvg	1,008	3,322	400	600	8	\$11.50	\$30.59	\$1.15	\$30.05	\$30.74	-\$2.16	\$101.87
Avg Sum	1,195	2,75	400	600	195	\$11.50	\$36.26	\$1.36	\$35.61	\$36.43	-\$2.56	\$118.60

BILL IMPACTS PROPOSED RATES

kWh	BILL IMPACTS PROPOSED RATES										Net Bill	
	Delivery (kWh) On-Peak	Delivery (kWh) Off-Peak	Delivery (kWh) TIERS 0-400	Delivery (kWh) TIERS 401-1,000	Delivery (kWh) TIERS 1,000+	Basic Service Charge	Delivery All kWh	TCA	Base Fuel On-Peak	Base Fuel Off-Peak		PPFAC
Winter						\$20.00	\$0.030810	\$0.050810	\$0.000000	\$0.098960	\$0.033579	
Summer										\$0.101110	\$0.033900	
Xsm	60	201	261	0	0	\$20.00	\$8.04	\$0.00	\$0.00	\$6.07	\$6.81	\$40.92
Small	121	404	400	125	0	\$20.00	\$12.32	\$6.35	\$0.00	\$12.21	\$13.70	\$64.58
Medium	226	757	400	583	0	\$20.00	\$12.32	\$29.62	\$0.00	\$22.86	\$25.66	\$110.46
Large	371	1,240	400	600	611	\$20.00	\$12.32	\$30.49	\$31.04	\$37.46	\$42.05	\$173.36
XLg	617	2,064	400	600	1,681	\$20.00	\$12.32	\$30.49	\$85.41	\$62.35	\$69.98	\$280.55
AnnAvg	1,008	3,322	400	600	8	\$20.00	\$12.32	\$30.49	\$0.41	\$23.44	\$26.31	\$112.97
Avg Sum	1,195	2,75	400	600	195	\$20.00	\$12.32	\$30.49	\$9.89	\$27.78	\$31.19	\$131.67

	\$ Change	% Change
Current Annual	\$1,185.62	
Proposed Annual	\$1,342.80	13.26%

RESIDENTIAL SERVICE RATE TIME OF USE DEMAND

WINTER

Load Factor	Demand (kW)	Energy (kWh)	Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge	Delivery (kWh) TIERS	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	
			On-Peak	Off-Peak	0-400	401-1,000								1,000+
			0.24	0.76	0-400	401-1,000								1,000+
		Winter			\$0.050810	\$0.050810		\$0.098960	\$0.033579	\$0.033579	\$0.000000			
		Summer						\$0.101110	\$0.033900	\$0.033900	\$0.000000			
Xsm	0.18	150	36	114	0	0	\$20.00	\$4.62	\$0.00	\$0.00	\$3.83	\$0.00	\$32.01	
Small	0.17	286	69	217	0	0	\$20.00	\$8.81	\$0.00	\$0.00	\$6.79	\$0.00	\$42.90	
Medium	0.19	641	154	487	400	241	\$0.00	\$12.32	\$0.00	\$0.00	\$15.22	\$0.00	\$76.15	
Large	0.21	1,043	250	793	400	400	\$20.00	\$12.32	\$0.00	\$0.00	\$24.77	\$0.00	\$116.38	
Xlg	0.22	1,810	434	1,376	400	600	\$20.00	\$12.32	\$0.00	\$0.00	\$42.99	\$0.00	\$193.15	
AnnAvg	0.23	1,008	242	766	400	600	\$20.00	\$12.32	\$0.41	\$0.00	\$23.94	\$0.00	\$112.89	
Avg Win	0.19	801	192	608	400	401	\$20.00	\$12.32	\$0.00	\$0.00	\$19.02	\$0.00	\$92.13	

BILL IMPACTS PROPOSED RATES

Load Factor	Demand (kW)	Energy (kWh)	Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge	Delivery (kWh) TIERS	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	
			On-Peak	Off-Peak	0-400	401-1,000								1,000+
			0-7	Over 7	0-400	401-1,000								1,000+
		Winter						\$0.000000	\$0.098960	\$0.033579	\$0.000000			
		Summer						\$0.101110	\$0.033900	\$0.033900	\$0.000000			
Xsm	0.18	150	36	114	0	0	\$20.00	\$7.20	\$0.00	\$3.56	\$0.00	\$0.00	\$36.09	
Small	0.17	286	69	217	0	0	\$20.00	\$13.80	\$0.00	\$6.79	\$0.00	\$0.00	\$50.75	
Medium	0.19	641	154	487	400	241	\$0.00	\$28.20	\$0.00	\$15.22	\$0.00	\$0.00	\$86.19	
Large	0.21	1,043	250	793	400	600	\$20.00	\$41.40	\$0.00	\$24.77	\$0.00	\$0.00	\$173.22	
Xlg	0.22	1,810	434	1,376	400	800	\$20.00	\$42.00	\$0.00	\$42.99	\$0.00	\$0.00	\$212.07	
AnnAvg	0.23	1,008	242	766	400	600	\$20.00	\$36.60	\$0.00	\$23.94	\$0.00	\$0.00	\$116.35	
Avg Win	0.19	801	192	608	400	401	\$20.00	\$34.80	\$0.00	\$19.02	\$0.00	\$0.00	\$102.26	

Notes: 1. This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.

RESIDENTIAL SERVICE RATE TIME OF USE - SUPER PEAK

WINTER

kWh	Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge	Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	
	On-Peak	Off-Peak	0-400	401-1,000		1,000+	0-400	401-1,000						1,000+
Winter	0.1	0.9				\$11.50	\$0.025000	\$0.035000	\$0.001140	\$0.150000	\$0.038700	-\$0.002139		
Summer										\$0.170000	\$0.039700			
Xsm	150	135	150	0	0	\$11.50	\$3.75	\$0.00	\$0.17	\$2.25	\$5.22	-\$0.32	\$22.57	
Small	286	257	286	0	0	\$11.50	\$7.15	\$0.00	\$0.33	\$4.29	\$9.96	-\$0.61	\$32.62	
Medium	641	577	400	241	0	\$11.50	\$10.00	\$8.44	\$0.73	\$9.62	\$22.33	-\$1.37	\$61.25	
Large	1,043	939	400	600	43	\$11.50	\$10.00	\$21.00	\$1.51	\$15.65	\$36.33	-\$2.23	\$94.95	
XLg	1,810	1,629	400	600	810	\$11.50	\$10.00	\$21.00	\$2.06	\$27.15	\$63.04	-\$3.87	\$159.23	
AnnAvg	1,008	907	400	600	8	\$11.50	\$10.00	\$21.00	\$1.15	\$15.12	\$35.11	-\$2.16	\$92.00	
Avg Win	801	721	400	401	0	\$11.50	\$10.00	\$14.02	\$0.91	\$12.01	\$27.89	-\$1.71	\$74.62	

BILL IMPACTS PROPOSED RATES

kWh	Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge	Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	% Change	
	On-Peak	Off-Peak	0-400	401-1,000		1,000+	0-400	401-1,000							1,000+
Winter						\$20.00	\$0.030810	\$0.050810	\$0.000000	\$0.149700	\$0.038250	\$0.000000		\$ Change	
Summer										\$0.149700	\$0.038250			% Change	
Xsm	150	135	150	0	0	\$20.00	\$4.62	\$0.00	\$0.00	\$2.25	\$5.16	\$0.00	\$32.03	\$9.46	41.91%
Small	286	257	286	0	0	\$20.00	\$8.81	\$0.00	\$0.00	\$4.28	\$9.85	\$0.00	\$42.94	\$10.32	31.64%
Medium	641	577	400	241	0	\$20.00	\$12.32	\$12.25	\$0.00	\$9.60	\$22.07	\$0.00	\$76.24	\$14.99	24.47%
Large	1,043	939	400	600	43	\$20.00	\$12.32	\$30.49	\$2.18	\$15.61	\$35.91	\$0.00	\$116.51	\$21.56	22.71%
XLg	1,810	1,629	400	600	810	\$20.00	\$12.32	\$30.49	\$4.16	\$27.10	\$62.31	\$0.00	\$193.38	\$34.15	21.45%
AnnAvg	1,008	907	400	600	8	\$20.00	\$12.32	\$30.49	\$0.41	\$15.09	\$34.70	\$0.00	\$113.01	\$21.01	22.84%
Avg Win	801	721	400	401	0	\$20.00	\$12.32	\$20.36	\$0.00	\$11.99	\$27.56	\$0.00	\$92.23	\$17.61	23.60%

RESIDENTIAL SERVICE RATE TIME OF USE - SUPER PEAK

SUMMER

kWh	BILL IMPACTS CURRENT RATES											PPFAC	Net Bill
	Delivery (kWh)		Delivery (kWh) TIERS	Basic Service Charge	Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC		
	On-Peak	Off-Peak			0-400	401-1,000	1,000+						
Winter				\$11.50	\$0.025000	\$0.035000	\$0.035000	\$0.001140	\$0.150000	\$0.038700		-\$0.002139	
Summer	0.14	0.86							\$0.170000	\$0.039700			
Xsm	261	37	224	\$11.50	\$6.53	\$0.00	\$0.00	\$0.30	\$6.21	\$8.91		-\$0.56	\$32.89
Small	525	74	452	\$11.50	\$10.00	\$4.38	\$0.00	\$0.60	\$12.50	\$17.92		-\$1.12	\$55.78
Medium	983	138	845	\$11.50	\$10.00	\$20.41	\$0.00	\$1.12	\$23.40	\$33.56		-\$2.10	\$97.89
Large	1,611	226	1,385	\$11.50	\$10.00	\$21.00	\$21.39	\$1.84	\$38.34	\$55.00		-\$3.45	\$155.62
XLg	2,681	375	2,306	\$11.50	\$10.00	\$21.00	\$58.84	\$3.06	\$63.81	\$91.53		-\$5.74	\$254.00
AnnAvg	1,008	141	867	\$11.50	\$10.00	\$21.00	\$0.28	\$1.15	\$23.99	\$34.42		-\$2.16	\$100.18
AvgSum	1,195	167	1,027	\$11.50	\$10.00	\$21.00	\$6.82	\$1.36	\$28.43	\$40.79		-\$2.56	\$117.34

BILL IMPACTS PROPOSED RATES

kWh	BILL IMPACTS PROPOSED RATES											PPFAC	Net Bill	\$ Change	% Change	
	Delivery (kWh)		Delivery (kWh) TIERS	Basic Service Charge	Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC					
	On-Peak	Off-Peak			0-400	401-1,000	1,000+									
Winter				\$20.00	\$0.030810	\$0.050810	\$0.050810	\$0.000000	\$0.149700	\$0.038250						
Summer	0.14	0.86							\$0.149700	\$0.038250						
Xsm	261	37	224	\$20.00	\$8.04	\$0.00	\$0.00	\$0.00	\$5.47	\$8.59		\$0.00	\$42.10	\$9.21	28.00%	
Small	525	74	452	\$20.00	\$12.32	\$6.35	\$0.00	\$0.00	\$11.00	\$17.27		\$0.00	\$66.94	\$11.16	20.01%	
Medium	983	138	845	\$20.00	\$12.32	\$29.62	\$0.00	\$0.00	\$20.60	\$32.34		\$0.00	\$114.88	\$16.99	17.36%	
Large	1,611	226	1,385	\$20.00	\$12.32	\$30.49	\$31.04	\$0.00	\$33.76	\$52.99		\$0.00	\$180.60	\$24.98	16.05%	
XLg	2,681	375	2,306	\$20.00	\$12.32	\$30.49	\$85.41	\$0.00	\$56.19	\$88.19		\$0.00	\$292.60	\$38.60	15.19%	
AnnAvg	1,008	141	867	\$20.00	\$12.32	\$30.49	\$0.41	\$0.00	\$21.13	\$33.16		\$0.00	\$117.51	\$17.33	17.29%	
AvgSum	1,195	167	1,027	\$20.00	\$12.32	\$30.49	\$9.89	\$0.00	\$25.04	\$39.30		\$0.00	\$137.04	\$19.70	16.78%	

Current Annual
Proposed Annual

\$ Change	\$1,151.78	\$223.84
% Change		19.43%

SMALL GENERAL SERVICE

BILL IMPACTS CURRENT RATES											
Total kWh	Delivery kWh		Basic Service Charge	Delivery (kWh)			TCA	Base Fuel	PPFAC	Net Bill	
	1-400	401-7500		7501+	1-400	401-7500					7501+
	1-400	401-7500	7501+	\$0.030176	\$0.041042	\$0.076042	\$0.001140	\$0.058241	-\$0.002139		
200	200	0	0	\$6.04	\$0.00	\$0.00	\$0.23	\$11.65	-\$0.43	\$31.99	
350	350	0	0	\$10.56	\$0.00	\$0.00	\$0.40	\$20.38	-\$0.75	\$45.09	
561	400	161	0	\$12.07	\$6.61	\$0.00	\$0.64	\$32.67	-\$1.20	\$65.29	
1,447	400	1,047	0	\$12.07	\$42.97	\$0.00	\$1.65	\$84.27	-\$3.10	\$152.36	
4,078	400	3,678	0	\$12.07	\$150.95	\$0.00	\$4.65	\$237.51	-\$8.72	\$410.96	
Mean	1,131	400	731	\$12.07	\$30.00	\$0.00	\$1.29	\$65.87	-\$2.42	\$121.31	
sum	1,277	400	877	\$12.07	\$36.00	\$0.00	\$1.46	\$74.39	-\$2.73	\$135.69	
win	980	400	580	\$12.07	\$23.82	\$0.00	\$1.12	\$57.10	-\$2.10	\$106.51	
Annual										\$1,453.20	

BILL IMPACTS PROPOSED RATES											
Total kWh	Delivery kWh		Basic Service Charge	Delivery (kWh)			TCA	Base Fuel	PPFAC	Net Bill	% Change
	1-400	401-7500		7501+	1-400	401-7500					
	1-400	401-7500	7501+	\$0.039497	\$0.049497	\$0.086950	\$0.000000	\$0.048610	\$0.000000		
200	200	0	0	\$7.90	\$0.00	\$0.00	\$0.00	\$9.72	\$0.00	\$47.62	48.85%
350	350	0	0	\$13.82	\$0.00	\$0.00	\$0.00	\$17.01	\$0.00	\$60.83	34.90%
561	400	161	0	\$15.80	\$7.97	\$0.00	\$0.00	\$27.27	\$0.00	\$81.04	24.12%
1,447	400	1,047	0	\$15.80	\$51.82	\$0.00	\$0.00	\$70.34	\$0.00	\$167.96	10.24%
4,078	400	3,678	0	\$15.80	\$182.05	\$0.00	\$0.00	\$198.23	\$0.00	\$426.08	3.68%
Mean	1,131	400	731	\$15.80	\$36.18	\$0.00	\$0.00	\$54.98	\$0.00	\$136.96	12.90%
sum	1,277	400	877	\$15.80	\$43.42	\$0.00	\$0.00	\$62.09	\$0.00	\$151.31	11.51%
win	980	400	580	\$15.80	\$28.73	\$0.00	\$0.00	\$47.66	\$0.00	\$122.19	14.72%
Annual										\$1,641.00	12.92%

SMALL GENERAL SERVICE DEMAND

Load Factor	Demand (kW)	Total kWh	Energy Produced (kWh)	Net Energy Delivered (kWh)	Net Energy Received (kWh)	Billed Energy (kWh)	BILL IMPACTS CURRENT RATES						PPFAC	Energy Production Credits	Net Bill			
							Delivery (kWh)		Delivery (kWh)		Delivery (kWh)					Basic Service Charge	TCA	Base Fuel
							0-15	Over 15	1-400	401-7500	7501+	15+						
Xm	0.24	1.1	200	200	108	108	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
Small	0.28	1.7	350	350	184	184	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
Medium	0.25	3.1	561	561	285	285	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
Large	0.31	6.5	1,447	1,447	653	653	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
Xlg	0.34	16.6	4,078	4,078	1,976	1,976	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
Mean	0.27	5.8	1,131	1,131	575	575	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
Sum	0.29	6.1	1,277	1,270	629	579	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
win	0.25	5.4	980	952	520	570	0	0	0	0	0	\$14.50	\$0.001140	\$0.048241	\$0.002139	\$0.00	\$14.50	
Annual																		\$174.00

BILL IMPACTS PROPOSED RATES

Load Factor	Demand (kW)	Total kWh	Energy Produced (kWh)	Net Energy Delivered (kWh)	Net Energy Received (kWh)	Billed Energy (kWh)	BILL IMPACTS PROPOSED RATES						PPFAC	Energy Production Credits	Net Bill	% Change			
							Delivery (kWh)		Delivery (kWh)		Delivery (kWh)						Basic Service Charge	TCA	Base Fuel
							0-15	Over 15	1-400	401-7500	7501+	15+							
Xm	0.24	1.1	200	200	108	108	0	108	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$37.88	159.85%
Small	0.28	1.7	350	350	184	184	0	184	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$41.88	188.87%
Medium	0.25	3.1	561	561	285	285	0	285	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$51.64	256.87%
Large	0.31	6.5	1,447	1,447	653	653	0	653	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$60.88	419.80%
Xlg	0.34	16.6	4,078	4,078	1,976	1,976	0	1,976	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$70.48	386.07%
Mean	0.27	5.8	1,131	1,131	575	575	0	575	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$65.03	420.91%
Sum	0.29	6.1	1,277	1,270	629	579	0	629	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$67.70	467.74%
win	0.25	5.4	980	952	520	570	0	520	0	0	0	\$30.00	\$0.011100	\$0.048610	\$0.000000	\$0.094400	\$0.00	\$67.70	467.74%
Annual																			\$841.70

Notes: 1. This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UMS Electric billing and load research data.

3. Partial Requirements Service customers are assumed to own a distributed generation facility sized to produce energy equal to 100% of usage on an annual basis.

4. Partial Requirements Service customers taking service under the current Net Metering tariff are allowed to bank kWh produced in excess of kWh consumed and credit the excess production against usage in future months. Therefore, billed energy for the average summer and winter months is represented as zero under Current Rates.

SMALL GENERAL SERVICE RATE TIME OF USE

WINTER

BILL IMPACTS CURRENT RATES

kWh	Delivery (kWh)		Basic Service Charge	Delivery (kWh) TIERS		Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
	On-Peak	Off-Peak		0-400	401-7,500	7,500+	0-400	401-7,500					
Winter	0.23		\$16.50			\$0.030176	\$0.043176	\$0.076042	\$0.001140	\$0.129605	\$0.031385	-\$0.002139	
Summer	0.18									\$0.129605	\$0.039605		
Xsm	394	91	303	394	0	\$11.87	\$0.00	\$0.00	\$0.45	\$11.73	\$9.51	-\$0.84	\$49.22
Small	636	146	490	400	236	\$12.07	\$10.19	\$0.00	\$0.73	\$18.96	\$15.37	-\$1.36	\$72.46
Medium	1633	376	1,257	400	1,233	\$12.07	\$53.24	\$0.00	\$1.86	\$48.68	\$39.46	-\$3.49	\$168.32
Large	2,328	535	1,793	400	1,928	\$12.07	\$83.24	\$0.00	\$2.65	\$69.40	\$56.26	-\$4.98	\$235.14
Xlg	3,091	711	2,380	400	2,691	\$12.07	\$116.19	\$0.00	\$3.52	\$92.14	\$74.70	-\$6.61	\$308.51
WinAvg	1,551	357	1,194	400	1,151	\$12.07	\$49.70	\$0.00	\$1.77	\$46.24	\$37.48	-\$3.32	\$160.44

BILL IMPACTS PROPOSED RATES

kWh	Delivery (kWh)		Basic Service Charge	Delivery (kWh) TIERS		Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
	On-Peak	Off-Peak		0-400	401-7,500	7,500+	0-400	401-7,500					
Winter	0.23		\$30.00			\$0.039497	\$0.049497	\$0.086950	\$0.000000	\$0.108510	\$0.032910	\$0.000000	
Summer	0.18									\$0.126510	\$0.033010		
Xsm	394	91	303	394	0	\$15.54	\$0.00	\$0.00	\$0.00	\$9.82	\$9.97	\$0.00	\$65.33
Small	636	146	490	400	236	\$15.80	\$11.68	\$0.00	\$0.00	\$15.87	\$16.12	\$0.00	\$89.47
Medium	1,633	376	1,257	400	1,233	\$15.80	\$61.03	\$0.00	\$0.00	\$40.76	\$41.38	\$0.00	\$188.97
Large	2,328	535	1,793	400	1,928	\$15.80	\$95.43	\$0.00	\$0.00	\$58.10	\$58.99	\$0.00	\$258.32
Xlg	3,091	711	2,380	400	2,691	\$15.80	\$133.20	\$0.00	\$0.00	\$77.14	\$78.33	\$0.00	\$334.47
WinAvg	1,551	357	1,194	400	1,151	\$15.80	\$56.97	\$0.00	\$0.00	\$38.71	\$39.31	\$0.00	\$180.79

\$ Change	% Change
\$16.11	32.74%
\$17.01	23.48%
\$20.65	12.27%
\$23.18	9.86%
\$25.96	8.42%
\$20.35	12.68%

SMALL GENERAL SERVICE RATE TIME OF USE

SUMMER														
BILL IMPACTS CURRENT RATES														
kWh	Delivery (kWh)		Basic Service Charge	Delivery (kWh) TIERS			Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
	On-Peak	Off-Peak		0-400	401-7,500	7,500+	0-400	401-7,500	7,500+					
Winter	0.23		\$16.50			\$0.030176	\$0.043176	\$0.076042	\$0.001140	\$0.129605	\$0.031385	-\$0.002139		
Summer	0.18									\$0.129605	\$0.039605			
Xsm	781	141	640	400	381	0	\$16.50	\$12.07	\$16.45	\$0.00	\$25.36	-\$1.67	\$87.82	
Small	1220	220	1,000	400	820	0	\$16.50	\$12.07	\$35.40	\$0.00	\$39.62	-\$2.61	\$130.83	
Medium	2350	423	1,927	400	1,950	0	\$16.50	\$12.07	\$84.17	\$0.00	\$76.30	-\$5.03	\$241.50	
Large	3,078	554	2,524	400	2,678	0	\$16.50	\$12.07	\$115.63	\$0.00	\$99.96	-\$6.58	\$312.90	
XLg	3,640	655	2,985	400	3,240	0	\$16.50	\$12.07	\$139.89	\$0.00	\$118.21	-\$7.79	\$367.95	
Sum/Avg	2,256	406	1,850	400	1,856	0	\$16.50	\$12.07	\$80.15	\$0.00	\$73.28	-\$4.83	\$232.38	

BILL IMPACTS PROPOSED RATES														
kWh	Delivery (kWh)		Basic Service Charge	Delivery (kWh) TIERS			Delivery All kWh			TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
	On-Peak	Off-Peak		0-400	401-7,500	7,500+	0-400	401-7,500	7,500+					
Winter	0.23		\$30.00			\$0.039497	\$0.049497	\$0.086950	\$0.000000	\$0.108510	\$0.032910	\$0.000000		
Summer	0.18									\$0.126510	\$0.033010			
Xsm	781	141	640	400	381	0	\$30.00	\$15.80	\$18.86	\$0.00	\$21.14	\$0.00	\$103.58	
Small	1,220	220	1,000	400	820	0	\$30.00	\$15.80	\$40.59	\$0.00	\$33.02	\$0.00	\$147.19	
Medium	2,350	423	1,927	400	1,950	0	\$30.00	\$15.80	\$96.49	\$0.00	\$63.60	\$0.00	\$259.39	
Large	3,078	554	2,524	400	2,678	0	\$30.00	\$15.80	\$132.55	\$0.00	\$83.32	\$0.00	\$331.76	
XLg	3,640	655	2,985	400	3,240	0	\$30.00	\$15.80	\$160.37	\$0.00	\$98.53	\$0.00	\$387.59	
Sum/Avg	2,256	406	1,850	400	1,856	0	\$30.00	\$15.80	\$91.88	\$0.00	\$61.08	\$0.00	\$250.14	

	Current Annual	Proposed Annual	\$ Change	% Change
			\$2,356.95	17.95%
			\$2,585.58	12.50%
			\$228.63	7.41%
				6.03%
				5.34%
				7.64%
			\$ Change	% Change
			\$2,356.95	17.95%
			\$2,585.58	12.50%
			\$228.63	7.41%
				6.03%
				5.34%
				7.64%

SMALL GENERAL SERVICE RATE TIME OF USE DEMAND

WINTER

Load Factor	Demand (kW)	Energy (kWh)	Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge	Delivery All kWh		TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
			On-Peak	Off-Peak	0-400	401-7,500		7,500+	0-400					
		Winter	0.23		400	401-7,500	\$30.00	\$0.039497	\$0.049497	\$0.000000	\$0.108510	\$0.032910	\$0.000000	
		Summer	0.18								\$0.126510	\$0.033010		
Xsm	2.2	394	91	303	394	0	0	\$30.00	\$15.54	\$0.00	\$9.82	\$9.97	\$0.00	\$65.33
Small	3.3	636	146	490	400	236	0	\$30.00	\$15.80	\$0.00	\$15.87	\$16.12	\$0.00	\$89.47
Medium	11.3	1633	376	1257	400	1233	0	\$30.00	\$15.80	\$0.00	\$40.76	\$41.38	\$0.00	\$188.97
Large	12.2	2,328	535	1,793	400	1,928	0	\$30.00	\$15.80	\$0.00	\$58.10	\$58.99	\$0.00	\$258.32
Xlg	15.5	3,091	711	2,380	400	2,691	0	\$30.00	\$15.80	\$0.00	\$77.14	\$78.33	\$0.00	\$334.47
WinAvg	8.9	1,551	357	1,194	400	1,151	0	\$30.00	\$15.80	\$0.00	\$38.71	\$39.31	\$0.00	\$180.79

BILL IMPACTS PROPOSED RATES

Load Factor	Demand (kW)	Energy (kWh)	Delivery (kW)		Delivery (kWh)		Basic Service Charge	Delivery (kWh) TIERS		Delivery All kWh	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	\$ Change	% Change
			0-15	Over 15	On-Peak	Off-Peak		0-400	401-7,500								
		Winter	0.23		400	401-7,500	\$30.00	\$6.85	\$7.85	\$0.011100	\$0.000000	\$0.108510	\$0.032910	\$0.000000			
		Summer	0.18									\$0.116510	\$0.033010				
Xsm	2.2	394	2.2	2.2	91	303	0	0	\$30.00	\$15.07	\$0.00	\$4.37	\$0.00	\$0.00	\$69.23	3.90	0.06
Small	3.3	636	3.3	3.3	146	490	236	0	\$30.00	\$22.61	\$0.00	\$4.44	\$2.62	\$0.00	\$91.66	2.19	0.02
Medium	11.3	1,633	11.3	11.3	376	1,257	400	1,233	0	\$30.00	\$77.41	\$13.69	\$4.44	\$0.00	\$207.68	18.71	0.10
Large	12.2	2,328	12.2	12.2	535	1,793	400	1,928	0	\$30.00	\$83.57	\$21.40	\$4.44	\$0.00	\$256.50	-1.82	-0.01
Xlg	15.5	3,091	15.0	0.5	711	2,380	400	2,691	0	\$30.00	\$102.75	\$4.44	\$29.87	\$0.00	\$326.46	-8.01	-0.02
WinAvg	8.9	1,551	8.9	8.9	357	1,194	400	1,151	0	\$30.00	\$60.97	\$0.00	\$4.44	\$0.00	\$186.21	5.42	0.03

Notes: 1. This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.

SMALL GENERAL SERVICE RATE TIME OF USE DEMAND

Load Factor	Demand (kW)	Energy (kWh)	Delivery (kWh)		Delivery (kWh) TIERS		Delivery All kWh		TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	
			On-Peak	Off-Peak	0-400	401-7,500	0-400	401-7,500						7,500+
			0.23	0.18	0	0	\$0.039497	\$0.049497						\$0.086950
		Winter								\$0.108510	\$0.032910	\$0.000000		
		Summer								\$0.126510	\$0.033010			
Xsm	0.25	4.3	781	141	640	400	381	0	\$30.00	\$15.80	\$18.86	\$0.000000	\$103.58	
Small	0.27	6.1	1220	220	1000	400	820	0	\$30.00	\$15.80	\$40.59	\$0.00	\$147.19	
Medium	0.24	13.4	2350	423	1927	400	1950	0	\$30.00	\$15.80	\$96.49	\$0.00	\$259.39	
Large	0.28	15.1	3078	554	2524	400	2678	0	\$30.00	\$15.80	\$132.55	\$0.00	\$331.76	
Xlg	0.30	16.4	3640	655	2985	400	3240	0	\$30.00	\$15.80	\$160.37	\$0.00	\$387.59	
SumAvg	0.23	13.7	2256	406	1850	400	1856	0	\$30.00	\$15.80	\$91.88	\$0.00	\$250.14	

BILL IMPACTS PROPOSED RATES

Load Factor	Demand (kW)	kWh	Delivery (kW)		Delivery (kWh)		Delivery (kWh) TIERS		Basic Service Charge		Delivery All kWh		TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill		
			0-15	Over 15	On-Peak	Off-Peak	0-400	401-7,500	7,500+	0-15	Over 15	0-400						401-7,500	7,500+
			0.23	0.18	0.23	0.18	0	0	0	\$30.00	\$6.85	\$7.85						\$0.011100	\$0.011100
		Winter												\$0.108510	\$0.032910	\$0.000000			
		Summer												\$0.126510	\$0.033010				
Xsm	0.25	4.3	781	141	640	400	381	0	\$30.00	\$29.46	\$0.00	\$4.23	\$0.00	\$21.78	\$21.14	\$0.00	\$107.05		
Small	0.27	6.1	1220	220	1000	400	820	0	\$30.00	\$41.79	\$0.00	\$9.10	\$0.00	\$27.78	\$33.02	\$0.00	\$146.13		
Medium	0.24	13.4	2350	423	1927	400	1950	0	\$30.00	\$91.79	\$0.00	\$4.44	\$0.00	\$53.50	\$63.60	\$0.00	\$264.97		
Large	0.28	15.1	3078	554	2524	400	2678	0	\$30.00	\$102.75	\$0.78	\$4.44	\$0.00	\$70.09	\$83.32	\$0.00	\$321.12		
Xlg	0.30	16.4	3640	655	2985	400	3240	0	\$30.00	\$102.75	\$10.99	\$4.44	\$0.00	\$82.89	\$98.53	\$0.00	\$365.56		
SumAvg	0.23	13.7	2256	406	1850	400	1856	0	\$30.00	\$93.85	\$0.00	\$4.44	\$0.00	\$51.38	\$61.08	\$0.00	\$261.36		

Notes: 1. This is a new proposed rate and there are currently no customers on the rate.

2. Assumed load factors and billing determinants were obtained from UNS Electric billing and load research data.

	\$ Change	% Change
Current Annual	\$2,585.58	
Proposed Annual	\$2,685.36	3.86%

INTERRUPTIBLE POWER SERVICE

BILL IMPACTS CURRENT RATES									
Load Factor	Total kWh	Demand (kW)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill
Xsm	1,116	66	\$18.00	\$5.00	\$0.019408	\$0.432900	0.043760	-\$0.002139	\$446.32
Small	14,651	108	\$18.00	\$331.53	\$21.65	\$28.70	\$46.82	-\$2.39	\$1,500.20
Medium	29,389	154	\$18.00	\$541.23	\$284.34	\$46.86	\$641.11	-\$31.34	\$2,647.15
Large	71,334	237	\$18.00	\$768.97	\$570.39	\$66.58	\$1,286.08	-\$62.87	\$5,657.79
Xlg	384,599	887	\$18.00	\$1,183.91	\$1,384.44	\$102.50	\$3,121.55	-\$152.61	\$28,306.31
AnnAvg	97,708	239	\$18.00	\$4,432.94	\$7,464.30	\$383.80	\$16,830.06	-\$822.79	\$7,279.55
AvgWin	83,072	219	\$18.00	\$1,195.06	\$1,896.33	\$103.47	\$4,275.72	-\$209.03	\$6,276.73
AvgSum	112,958	250	\$18.00	\$1,094.21	\$1,612.26	\$94.74	\$3,635.24	-\$177.72	\$8,267.58
Annual			\$18.00	\$1,247.88	\$2,192.29	\$108.04	\$4,943.03	-\$241.65	\$87,265.86

BILL IMPACTS PROPOSED RATES										
Load Factor	Total kWh	Demand (kW)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	% Change
Xsm	1,116	66	\$75.00	\$6.52	\$0.019790	\$0.000000	\$0.049821	\$0.000000	\$584.98	31.07%
Small	14,651	108	\$75.00	\$432.32	\$22.08	\$0.00	\$55.58	\$0.00	\$1,800.62	20.03%
Medium	29,389	154	\$75.00	\$705.77	\$289.94	\$0.00	\$729.91	\$0.00	\$3,123.55	18.00%
Large	71,334	237	\$75.00	\$1,002.74	\$581.61	\$0.00	\$1,464.20	\$0.00	\$6,584.39	16.38%
Xlg	384,599	887	\$75.00	\$1,543.81	\$1,411.69	\$0.00	\$3,553.89	\$0.00	\$32,627.77	15.27%
AnnAvg	97,708	239	\$75.00	\$5,780.55	\$7,611.22	\$0.00	\$19,161.00	\$0.00	\$8,434.92	15.87%
AvgWin	83,072	219	\$75.00	\$1,558.36	\$1,933.65	\$0.00	\$4,867.91	\$0.00	\$1,155.37	16.06%
AvgSum	112,958	250	\$75.00	\$1,426.84	\$1,644.00	\$0.00	\$4,138.71	\$0.00	\$1,007.82	15.70%
Annual			\$75.00	\$1,627.23	\$2,235.44	\$0.00	\$5,627.64	\$0.00	\$101,099.20	15.85%

MEDIUM GENERAL SERVICE

BILL IMPACTS CURRENT RATES										
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	
			\$50.00	\$12.81	\$0.005470	\$0.432900	\$0.056603	-\$0.002139		
Xsm	20	4,040	\$50.00	\$256.20	\$22.10	\$8.66	\$228.68	-\$8.64	\$557.00	
Small	20	6,400	\$50.00	\$256.20	\$35.01	\$8.66	\$362.26	-\$13.69	\$698.44	
Medium	36	12,160	\$50.00	\$463.88	\$66.52	\$15.68	\$688.29	-\$26.01	\$1,258.36	
Large	80	26,880	\$50.00	\$1,025.41	\$147.03	\$34.65	\$1,521.49	-\$57.51	\$2,721.07	
Xlarge	294	98,640	\$50.00	\$3,762.89	\$539.56	\$127.16	\$5,583.32	-\$211.02	\$9,851.91	
AnnAvg	80	26,796	\$50.00	\$1,022.22	\$146.58	\$34.54	\$1,516.76	-\$57.33	\$2,712.77	
sum	90	30,153	\$50.00	\$1,150.28	\$164.94	\$38.87	\$1,706.76	-\$64.51	\$3,046.34	
win	70	23,520	\$50.00	\$897.22	\$128.65	\$30.32	\$1,331.28	-\$50.32	\$2,387.15	
Annual									\$32,600.94	

BILL IMPACTS PROPOSED RATES										
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	% Change
			\$100.00	\$13.05	\$0.005500	\$0.000000	\$0.048440	\$0.000000		
Xsm	20	4,040	\$100.00	\$261.00	\$22.22	\$0.00	\$195.70	\$0.00	\$578.92	3.9%
Small	20	6,400	\$100.00	\$261.00	\$35.20	\$0.00	\$310.02	\$0.00	\$706.22	1.1%
Medium	36	12,160	\$100.00	\$472.57	\$66.88	\$0.00	\$589.03	\$0.00	\$1,228.48	-2.4%
Large	80	26,880	\$100.00	\$1,044.62	\$147.84	\$0.00	\$1,302.07	\$0.00	\$2,594.53	-4.7%
Xlarge	294	98,640	\$100.00	\$3,833.39	\$542.52	\$0.00	\$4,778.12	\$0.00	\$9,254.03	-6.1%
AnnAvg	80	26,796	\$100.00	\$1,041.37	\$147.38	\$0.00	\$1,298.02	\$0.00	\$2,586.77	-4.6%
sum	90	30,153	\$100.00	\$1,171.83	\$165.84	\$0.00	\$1,460.62	\$0.00	\$2,898.29	-4.9%
win	70	23,520	\$100.00	\$914.03	\$129.36	\$0.00	\$1,139.29	\$0.00	\$2,282.68	-4.4%
Annual									\$31,085.82	-4.6%

MEDIUM GENERAL SERVICE TIME OF USE

WINTER

BILL IMPACTS CURRENT RATES												
Load Factor	Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Delivery Off-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
	Winter		0.29		\$52.00	\$12.81	\$0.005470	\$0.43290	0.114886	0.026168	-\$0.002139	
	Summer		0.20						0.114886	0.039886		
Xsm	27,974	83	8,112	19,862	\$52.00	\$1,067.14	\$153.02	\$36.06	\$932.01	\$519.74	-\$59.85	\$2,700.12
Small	28,067	84	8,139	19,928	\$52.00	\$1,070.69	\$153.53	\$36.18	\$935.11	\$521.46	-\$60.04	\$2,708.93
Medium	48,453	144	14,051	34,402	\$52.00	\$1,848.37	\$265.04	\$62.46	\$1,614.31	\$900.22	-\$103.66	\$4,638.74
Large	62,572	186	18,146	44,426	\$52.00	\$2,386.98	\$342.27	\$80.67	\$2,084.71	\$1,162.54	-\$133.86	\$5,975.31
Xlg	193,470	576	56,106	137,364	\$52.00	\$7,380.44	\$1,058.28	\$249.41	\$6,445.83	\$3,594.53	-\$413.90	\$18,366.59
AnnAvg	69,713	208	20,217	49,496	\$52.00	\$2,659.39	\$381.33	\$89.87	\$2,322.62	\$1,295.22	-\$149.14	\$6,651.29
AvgWin	65,673	196	19,045	46,628	\$52.00	\$2,505.28	\$359.23	\$84.66	\$2,188.02	\$1,220.16	-\$140.50	\$6,268.85

BILL IMPACTS PROPOSED RATES

Load Factor	Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Delivery Off-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	\$ Change	% Change
	Winter				\$100.00	\$13.05	\$0.005500	\$0.00000	0.089900	0.031600	\$0.000000			
	Summer								0.109900	0.033500				
Xsm	27,974	83	8,112	19,862	\$100.00	\$1,087.14	\$153.86	\$0.00	\$729.31	\$627.62	\$0.00	\$2,697.93	-\$2.19	-0.1%
Small	28,067	84	8,139	19,928	\$100.00	\$1,090.75	\$154.37	\$0.00	\$731.73	\$629.71	\$0.00	\$2,706.56	-\$2.37	-0.1%
Medium	48,453	144	14,051	34,402	\$100.00	\$1,883.00	\$266.49	\$0.00	\$1,263.22	\$1,087.09	\$0.00	\$4,599.80	-\$38.94	-0.8%
Large	62,572	186	18,146	44,426	\$100.00	\$2,431.70	\$344.15	\$0.00	\$1,631.31	\$1,403.87	\$0.00	\$5,911.03	-\$64.28	-1.1%
Xlg	193,470	576	56,106	137,364	\$100.00	\$7,518.71	\$1,064.09	\$0.00	\$5,043.96	\$4,340.69	\$0.00	\$18,067.45	-\$295.14	-1.6%
AnnAvg	69,713	208	20,217	49,496	\$100.00	\$2,709.21	\$383.42	\$0.00	\$1,817.49	\$1,564.08	\$0.00	\$6,574.20	-\$77.09	-1.2%
AvgWin	65,673	196	19,045	46,628	\$100.00	\$2,552.21	\$361.20	\$0.00	\$1,712.16	\$1,473.44	\$0.00	\$6,199.01	-\$69.84	-1.1%

MEDIUM GENERAL SERVICE TIME OF USE

SUMMER

BILL IMPACTS CURRENT RATES												
Load Factor	Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Delivery Off-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
	Winter		0.29		\$52.00	\$12.81	\$0.005470	\$0.43290	0.114886	0.026168	-\$0.002139	
	Summer		0.20						0.114886	0.039886		
Xsm	27,974	83	5,595	22,379	\$52.00	\$1,067.14	\$153.02	\$36.06	\$642.76	\$892.62	-\$59.85	\$2,783.75
Small	28,067	84	5,613	22,454	\$52.00	\$1,070.69	\$153.53	\$36.18	\$644.90	\$895.58	-\$60.04	\$2,792.84
Medium	48,453	144	9,691	38,762	\$52.00	\$1,848.37	\$265.04	\$62.46	\$1,113.31	\$1,546.08	-\$103.66	\$4,783.60
Large	62,572	186	12,514	50,058	\$52.00	\$2,386.98	\$342.27	\$80.67	\$1,437.73	\$1,996.60	-\$133.86	\$6,162.39
XLg	193,470	576	38,694	154,776	\$52.00	\$7,380.44	\$1,058.28	\$249.41	\$4,445.40	\$6,173.40	-\$413.90	\$18,945.03
AnnAvg	69,713	208	13,943	55,770	\$52.00	\$2,659.39	\$381.33	\$89.87	\$1,601.81	\$2,224.46	-\$149.14	\$6,859.72
AvgSum	73,609	219	14,722	58,887	\$52.00	\$2,808.00	\$402.64	\$94.89	\$1,691.32	\$2,348.76	-\$157.47	\$7,240.14

BILL IMPACTS PROPOSED RATES

Load Factor	Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Delivery Off-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	\$ Change	% Change
	Winter				\$100.00	\$13.05	\$0.005500	\$0.00000	0.089900	0.031600	\$0.000000			
	Summer								0.109900	0.033500				
Xsm	27,974	83	5,595	22,379	\$100.00	\$1,087.14	\$153.86	\$0.00	\$614.87	\$749.70	\$0.00	\$2,705.57	-\$78.18	-2.8%
Small	28,067	84	5,613	22,454	\$100.00	\$1,090.75	\$154.37	\$0.00	\$616.91	\$752.20	\$0.00	\$2,714.23	-\$78.61	-2.8%
Medium	48,453	144	9,691	38,762	\$100.00	\$1,883.00	\$266.49	\$0.00	\$1,065.00	\$1,298.54	\$0.00	\$4,613.03	-\$170.57	-3.6%
Large	62,572	186	12,514	50,058	\$100.00	\$2,431.70	\$344.15	\$0.00	\$1,375.33	\$1,676.93	\$0.00	\$5,928.11	-\$234.28	-3.8%
XLg	193,470	576	38,694	154,776	\$100.00	\$7,518.71	\$1,064.09	\$0.00	\$4,252.47	\$5,185.00	\$0.00	\$18,120.27	-\$824.76	-4.4%
AnnAvg	69,713	208	13,943	55,770	\$100.00	\$2,709.21	\$383.42	\$0.00	\$1,532.29	\$1,868.31	\$0.00	\$6,593.23	-\$266.49	-3.9%
AvgSum	73,609	219	14,722	58,887	\$100.00	\$2,860.61	\$404.85	\$0.00	\$1,617.92	\$1,972.71	\$0.00	\$6,956.09	-\$284.05	-3.9%

	\$ Change	% Change
Current Annual	\$81,053.94	
Proposed Annual	\$78,930.60	-2.6%

LARGE GENERAL SERVICE TO NEW LARGE GENERAL SERVICE

BILL IMPACTS CURRENT RATES - LGS									
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill
			\$50.00	\$12.81	\$0.005470	\$0.43290	0.056603	-\$0.002139	
Xsm	30%	45,000	\$50.00	\$2,632.19	\$246.15	\$88.95	\$2,547.14	-\$96.27	\$5,468.16
Small	46%	65,000	\$50.00	\$2,479.60	\$355.55	\$83.80	\$3,679.20	-\$139.06	\$6,509.09
Medium	66%	406,600	\$50.00	\$10,810.60	\$2,224.10	\$365.33	\$23,014.78	-\$869.85	\$35,594.96
Large	75%	95,000	\$50.00	\$2,222.74	\$519.65	\$75.12	\$5,377.29	-\$203.24	\$8,041.56
XLg	95%	1,300,500	\$50.00	\$24,022.21	\$7,113.74	\$811.80	\$73,612.20	-\$2,782.20	\$102,827.75
AnnAvg	65%	470,630	\$50.00	\$12,705.52	\$2,574.35	\$429.37	\$26,639.07	-\$1,006.83	\$41,391.47

BILL IMPACTS PROPOSED RATES - LGS										
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	% Change
			\$300.00	\$12.96	\$0.005400	\$0.00000	\$0.048400	\$0.000000		
Xsm	30%	45,000	\$300.00	\$5,832.00	\$243.00	\$0.00	\$2,178.00	\$0.00	\$8,553.00	56.4%
Small	46%	65,000	\$300.00	\$5,832.00	\$351.00	\$0.00	\$3,146.00	\$0.00	\$9,629.00	47.9%
Medium	66%	406,600	\$300.00	\$10,937.19	\$2,195.64	\$0.00	\$19,679.44	\$0.00	\$33,112.27	-7.0%
Large	75%	95,000	\$300.00	\$5,832.00	\$513.00	\$0.00	\$4,598.00	\$0.00	\$11,243.00	39.8%
XLg	95%	1,300,500	\$300.00	\$24,303.50	\$7,022.70	\$0.00	\$62,944.20	\$0.00	\$94,570.40	-8.0%
AnnAvg	65%	470,630	\$300.00	\$12,854.30	\$2,541.40	\$0.00	\$22,778.49	\$0.00	\$38,474.19	-7.0%

LARGE POWER SERVICE <69KV TO NEW LARGE GENERAL SERVICE

BILL IMPACTS CURRENT RATES - LPS <69KV									
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill
			\$1,200.00	\$22.00	\$0.000462	\$0.43290	\$0.04188	-\$0.002139	
Xsm	747	240,000	\$1,200.00	\$16,438.36	\$110.88	\$323.46	\$10,051.20	-\$513.44	\$27,610.46
Small	893	300,000	\$1,200.00	\$19,654.56	\$138.60	\$386.75	\$12,564.00	-\$641.80	\$33,302.11
Medium	844	406,600	\$1,200.00	\$18,566.21	\$187.85	\$365.33	\$17,028.41	-\$869.85	\$36,477.95
Large	1,553	850,000	\$1,200.00	\$34,155.25	\$392.70	\$672.08	\$35,598.00	-\$1,818.43	\$70,199.60
XLg	2,192	1,200,000	\$1,200.00	\$48,219.18	\$554.40	\$948.82	\$50,256.00	-\$2,567.20	\$98,611.20
AnnAvg	992	470,630	\$1,200.00	\$21,820.57	\$217.43	\$429.37	\$19,709.98	-\$1,006.83	\$42,370.52

BILL IMPACTS PROPOSED RATES - LPS <69 KV										
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	% Change
			\$300.00	\$12.96	\$0.005400	\$0.00000	\$0.048400	\$0.000000		
Xsm	747	240,000	\$300.00	\$9,683.69	\$1,296.00	\$0.00	\$11,616.00	\$0.00	\$22,895.69	-17.1%
Small	893	300,000	\$300.00	\$11,578.32	\$1,620.00	\$0.00	\$14,520.00	\$0.00	\$28,018.32	-15.9%
Medium	844	406,600	\$300.00	\$10,937.19	\$2,195.64	\$0.00	\$19,679.44	\$0.00	\$33,112.27	-9.2%
Large	1,553	850,000	\$300.00	\$20,120.55	\$4,590.00	\$0.00	\$41,140.00	\$0.00	\$66,150.55	-5.8%
XLg	2,192	1,200,000	\$300.00	\$28,405.48	\$6,480.00	\$0.00	\$58,080.00	\$0.00	\$93,265.48	-5.4%
AnnAvg	992	470,630	\$300.00	\$12,854.30	\$2,541.40	\$0.00	\$22,778.49	\$0.00	\$38,474.19	-9.2%

LARGE POWER SERVICE TIME OF USE <69KV TO NEW LARGE GENERAL SERVICE TIME OF USE

WINTER

BILL IMPACTS CURRENT RATES											
	Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill
	Winter		0.16	\$1,200.00	\$22.00	\$0.000462	\$0.43290	\$0.093880	\$0.022105	-\$0.002139	
	Summer		0.16					\$0.123580	\$0.024716		
Small	433,335	1,281	69,334	\$1,200.00	\$28,182.00	\$200.20	\$554.54	\$6,509.04	\$8,046.25	-\$927.05	\$43,764.98
Medium	517,000	1,380	82,720	\$1,200.00	\$30,360.00	\$238.85	\$597.40	\$7,765.75	\$9,599.76	-\$1,106.04	\$48,655.72
Large	600,000	1,400	96,000	\$1,200.00	\$30,800.00	\$277.20	\$606.06	\$9,012.48	\$11,140.92	-\$1,283.60	\$51,753.06
XLg	775,000	1,570	124,000	\$1,200.00	\$34,540.00	\$358.05	\$679.65	\$11,641.12	\$14,390.36	-\$1,657.98	\$61,151.20
Mean	642,400	1,430	102,784	\$1,200.00	\$31,460.00	\$296.79	\$619.05	\$9,649.36	\$11,928.21	-\$1,374.31	\$53,779.10
AvgWin	627,900	1,416	100,464	\$1,200.00	\$31,152.00	\$290.09	\$612.99	\$9,431.56	\$11,658.97	-\$1,343.29	\$53,002.32

BILL IMPACTS PROPOSED RATES

	Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Net Bill	\$ Change	% Change
	Winter			\$300.00	\$12.96	\$0.005400	\$0.00000	\$0.124510	\$0.032910	\$0.00000			
	Summer							\$0.145510	\$0.034510				
Small	433,335	1,281	69,334	\$300.00	\$16,601.76	\$2,340.01	\$0.00	\$8,632.73	\$11,979.29	\$0.00	\$39,853.79	-\$3,911.19	-8.9%
Medium	517,000	1,380	82,720	\$300.00	\$17,884.80	\$2,791.80	\$0.00	\$10,299.47	\$14,292.15	\$0.00	\$45,568.22	-\$3,087.50	-6.3%
Large	600,000	1,400	96,000	\$300.00	\$18,144.00	\$3,240.00	\$0.00	\$11,952.96	\$16,586.64	\$0.00	\$50,223.60	-\$1,529.46	-3.0%
XLg	775,000	1,570	124,000	\$300.00	\$20,347.20	\$4,185.00	\$0.00	\$15,439.24	\$21,424.41	\$0.00	\$61,695.85	\$544.65	0.9%
Mean	642,400	1,430	102,784	\$300.00	\$18,532.80	\$3,468.96	\$0.00	\$12,797.64	\$17,758.76	\$0.00	\$52,858.16	-\$920.94	-1.7%
AvgWin	627,900	1,416	100,464	\$300.00	\$18,351.36	\$3,390.66	\$0.00	\$12,508.77	\$17,357.92	\$0.00	\$51,908.71	-\$1,093.61	-2.1%

LARGE POWER SERVICE TIME OF USE <69KV TO NEW LARGE GENERAL SERVICE TIME OF USE

SUMMER										
BILL IMPACTS CURRENT RATES										
Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Delivery Off-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	Net Bill
Winter		0.16		\$1,200.00	\$22.00	\$0.000462	\$0.43290	\$0.093880	\$0.022105	-\$0.002139
Summer		0.16						\$0.123580	\$0.024716	
Small	433,335	69,334	364,001	\$1,200	\$28,182.00	\$200.20	\$554.54	\$8,568.25	\$8,996.66	-\$927.05
Medium	517,000	82,720	434,280	\$1,200	\$30,360.00	\$238.85	\$597.40	\$10,222.54	\$10,733.66	-\$1,106.04
Large	600,000	96,000	504,000	\$1,200	\$30,800.00	\$277.20	\$606.06	\$11,863.68	\$12,456.86	-\$1,283.60
Xlg	775,000	124,000	651,000	\$1,200	\$34,540.00	\$358.05	\$679.65	\$15,323.92	\$16,090.12	-\$1,657.98
Mean	642,400	102,784	539,616	\$1,200	\$31,460.00	\$296.79	\$619.05	\$12,702.05	\$13,337.15	-\$1,374.31
AvgSum	656,700	1,444	551,628	\$1,200	\$31,768.00	\$303.40	\$625.11	\$12,984.80	\$13,634.04	-\$1,404.90

BILL IMPACTS PROPOSED RATES										
Total kWh	Demand (kW)	Delivery On-Peak (kWh)	Delivery Off-Peak (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel On-Peak	Base Fuel Off-Peak	Net Bill
Winter				\$300.00	\$12.96	\$0.005400	\$0.000000	\$0.124510	\$0.032910	\$0.000000
Summer								\$0.145510	\$0.034510	
Small	433,335	69,334	364,001	\$300.00	\$16,601.76	\$2,340.01	\$0.00	\$10,088.73	\$12,561.69	\$0.00
Medium	517,000	82,720	434,280	\$300.00	\$17,884.80	\$2,791.80	\$0.00	\$12,036.59	\$14,987.00	\$0.00
Large	600,000	96,000	504,000	\$300.00	\$18,144.00	\$3,240.00	\$0.00	\$13,968.96	\$17,393.04	\$0.00
Xlg	775,000	124,000	651,000	\$300.00	\$20,347.20	\$4,185.00	\$0.00	\$18,043.24	\$22,466.01	\$0.00
Mean	642,400	102,784	539,616	\$300.00	\$18,532.80	\$3,468.96	\$0.00	\$14,956.10	\$18,622.15	\$0.00
AvgSum	656,700	1,444	551,628	\$300.00	\$18,714.24	\$3,546.18	\$0.00	\$15,289.03	\$19,036.68	\$0.00

	\$ Change	% Change
Current Annual	\$672,676.62	
Proposed Annual	\$652,769.04	-2.96%

LARGE POWER SERVICE - TRANSMISSION VOLTAGE

BILL IMPACTS CURRENT RATES									
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill
			\$1,200.00	\$17.00	\$0.000462	\$0.43290	\$0.041880	-\$0.002139	
Xsm	506	155,000	\$1,200.00	\$8,594.26	\$71.61	\$218.85	\$6,491.40	-\$331.60	\$16,244.52
Small	1,267	388,500	\$1,200.00	\$21,541.10	\$179.49	\$548.54	\$16,270.38	-\$831.13	\$38,908.37
Small	1,336	448,600	\$1,200.00	\$22,710.54	\$207.25	\$578.32	\$18,787.37	-\$959.70	\$42,523.79
Medium	2,416	1,322,700	\$1,200.00	\$41,070.14	\$611.09	\$1,045.84	\$55,394.68	-\$2,829.70	\$96,492.04
Medium	2,817	1,542,200	\$1,200.00	\$47,885.66	\$712.50	\$1,219.39	\$64,587.34	-\$3,299.28	\$112,305.61
Large	4,775	3,102,500	\$1,200.00	\$81,179.78	\$1,433.36	\$2,067.22	\$129,932.70	-\$6,637.28	\$209,175.77
Large	5,379	3,494,900	\$1,200.00	\$91,447.28	\$1,614.64	\$2,328.68	\$146,366.41	-\$7,476.76	\$235,480.26

BILL IMPACTS PROPOSED RATES										
Load Factor	Demand (kW)	Delivery (kWh)	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA	Base Fuel	PPFAC	Net Bill	% Change
			\$1,200.00	\$12.48	\$0.000520	\$0.00000	\$0.048410	\$0.000000		
Xsm	506	155,000	\$1,200.00	\$6,309.20	\$80.60	\$0.00	\$7,503.55	\$0.00	\$15,093.35	-7.1%
Small	1,267	388,500	\$1,200.00	\$15,813.70	\$202.02	\$0.00	\$18,807.29	\$0.00	\$36,023.01	-7.4%
Small	1,336	448,600	\$1,200.00	\$16,672.21	\$233.27	\$0.00	\$21,716.73	\$0.00	\$39,822.21	-6.4%
Medium	2,416	1,322,700	\$1,200.00	\$30,150.31	\$687.80	\$0.00	\$64,031.91	\$0.00	\$96,070.03	-0.4%
Medium	2,817	1,542,200	\$1,200.00	\$35,153.71	\$801.94	\$0.00	\$74,657.90	\$0.00	\$111,813.55	-0.4%
Large	4,775	3,102,500	\$1,200.00	\$59,595.51	\$1,613.30	\$0.00	\$150,192.03	\$0.00	\$212,600.84	1.6%
Large	5,379	3,494,900	\$1,200.00	\$67,133.06	\$1,817.35	\$0.00	\$169,188.11	\$0.00	\$239,338.52	1.6%

UNS Electric, Inc.
Typical Bill Comparison - Present and Proposed Rates
Test Period Ending December 31, 2014

LARGE POWER SERVICE TIME OF USE >65KV

WINTER

BILL IMPACTS CURRENT RATES												
	Total kWh	Demand (kW)	Delivery On-Peak kWh	Delivery Off-Peak kWh	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA /kW	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Total Net Bill
Winter					\$1,200.00	\$17.00	\$0.000462	\$0.43290	\$0.093880	\$0.022105	-\$0.002139	
Summer			0.11	0.89					\$0.123580	\$0.024716		
Small	2,790,000	5,083	306,900	2,483,100	\$1,200.00	\$86,411.00	\$1,288.98	\$2,200.43	\$28,811.77	\$54,888.93	-\$5,967.81	\$168,833.30
Medium	3,150,000	5,083	346,500	2,803,500	\$1,200.00	\$86,411.00	\$1,455.30	\$2,200.43	\$32,529.42	\$61,971.37	-\$6,737.85	\$179,029.67
Large	2,115,000	5,083	232,650	1,882,350	\$1,200.00	\$86,411.00	\$977.13	\$2,200.43	\$21,841.18	\$41,609.35	-\$4,523.99	\$149,715.10
Mean	2,717,000	5,083	298,870	2,418,130	\$1,200.00	\$86,411.00	\$1,255.25	\$2,200.43	\$28,057.92	\$53,452.76	-\$5,811.66	\$166,765.70
AvgWin	2,726,000	5,083	299,860	2,426,140	\$1,200.00	\$86,411.00	\$1,259.41	\$2,200.43	\$28,150.86	\$53,629.82	-\$5,830.91	\$167,020.61

BILL IMPACTS PROPOSED RATES

	Total kWh	Demand (kW)	Delivery On-Peak kWh	Delivery Off-Peak kWh	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA /kW	Base Fuel On-Peak	Base Fuel Off-Peak	PPFAC	Total Net Bill	\$ Change	% Change
Winter					\$1,200.00	\$12.48	\$0.000520	\$0.00000	\$0.092110	\$0.030910	\$0.000000			
Summer									\$0.122510	\$0.032110				
Small	2,790,000	5,083	306,900	2,483,100	\$1,200.00	\$63,435.84	\$1,450.80	\$0.00	\$28,268.56	\$76,752.62	-\$0.00	\$171,107.82	\$2,274.52	1.35%
Medium	3,150,000	5,083	346,500	2,803,500	\$1,200.00	\$63,435.84	\$1,638.00	\$0.00	\$31,916.12	\$86,656.19	-\$0.00	\$184,846.15	\$5,816.48	3.25%
Large	2,115,000	5,083	232,650	1,882,350	\$1,200.00	\$63,435.84	\$1,099.80	\$0.00	\$21,429.39	\$58,183.44	-\$0.00	\$145,348.47	-\$4,366.63	-2.92%
Mean	2,717,000	5,083	298,870	2,418,130	\$1,200.00	\$63,435.84	\$1,412.84	\$0.00	\$27,528.92	\$74,744.40	-\$0.00	\$168,322.00	\$1,556.30	0.93%
AvgWin	2,726,000	5,083	299,860	2,426,140	\$1,200.00	\$63,435.84	\$1,417.52	\$0.00	\$27,620.10	\$74,991.99	-\$0.00	\$168,665.45	\$1,644.84	0.98%

LARGE POWER SERVICE TIME OF USE >69KV

SUMMER

BILL IMPACTS CURRENT RATES											
	Total kWh	Demand (kW)	Delivery On-Peak kWh	Delivery Off-Peak kWh	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA /kW	Base Fuel On-Peak	Base Fuel Off-Peak	Total Net Bill
Winter					\$1,200.00	\$17.00	\$0,000,462	\$0,432,90	\$0,093,880	\$0,022,105	-\$0,002,139
Summer			0.11	0.89					\$0,123,580	\$0,024,716	
Small	2,790,000	5,083	306,900	2,483,100	\$1,200.00	\$86,411.00	\$1,288.98	\$2,200.43	\$37,926.70	\$61,372.30	\$184,431.60
Medium	3,150,000	5,083	346,500	2,803,500	\$1,200.00	\$86,411.00	\$1,455.30	\$2,200.43	\$42,820.47	\$69,291.31	\$196,640.66
Large	2,115,000	5,083	232,650	1,882,350	\$1,200.00	\$86,411.00	\$977.13	\$2,200.43	\$28,750.89	\$46,524.16	\$161,539.62
Mean	2,717,000	5,083	298,870	2,418,130	\$1,200.00	\$86,411.00	\$1,255.25	\$2,200.43	\$36,934.35	\$59,766.50	\$181,955.87
AvgSum	2,790,000	5,083	311,600	2,478,400	\$1,200.00	\$86,411.00	\$1,288.98	\$2,200.43	\$38,507.53	\$61,256.13	\$184,896.26

BILL IMPACTS PROPOSED RATES

	Total kWh	Demand (kW)	Delivery On-Peak kWh	Delivery Off-Peak kWh	Basic Service Charge	Delivery (kW)	Delivery (kWh)	TCA /kW	Base Fuel On-Peak	Base Fuel Off-Peak	Total Net Bill	\$ Change	% Change
Winter					\$1,200.00	\$12.48	\$0,000,520	\$0,000,000	\$0,092,110	\$0,030,910			
Summer									\$0,122,510	\$0,032,110	\$0,000,000		
Small	2,790,000	5,083	306,900	2,483,100	\$1,200	\$63,436	\$1,451	\$0.00	\$37,598.32	\$79,732.34	\$183,417	-\$1,014.30	-0.55%
Medium	3,150,000	5,083	346,500	2,803,500	\$1,200	\$63,436	\$1,638	\$0.00	\$42,449.72	\$90,020.39	\$198,744	\$2,103.29	1.07%
Large	2,115,000	5,083	232,650	1,882,350	\$1,200	\$63,436	\$1,100	\$0.00	\$28,501.95	\$60,442.26	\$154,680	-\$6,859.77	-4.25%
Mean	2,717,000	5,083	298,870	2,418,130	\$1,200	\$63,436	\$1,413	\$0.00	\$36,614.56	\$77,646.15	\$180,309	-\$1,646.48	-0.90%
AvgSum	2,790,000	5,083	311,600	2,478,400	\$1,200	\$63,436	\$1,451	\$0.00	\$38,174.12	\$79,581.42	\$183,842	-\$1,054.08	-0.57%

Current Annual											\$2,111,501		
Proposed Annual											\$2,115,046	\$3,545	0.17%

LIGHTING SERVICE

Description	Old Rate	New Rate	New Rate Days	Old Rate Days	Proration
New 30' Wood Pole (Class 6) - Overhead	\$4.34	\$4.68	28	0	100%
New 30' Metal or Fiberglass - Overhead	\$8.66	\$9.35			0%
Existing Wood Pole - Underground	\$2.18	\$2.35			
New 30' Wood Pole (Class 6) - Underground	\$6.52	\$7.04			
New 30' Metal or Fiberglass - Underground	\$10.81	\$11.67			
Wattage, per Watt	\$0.051681	\$0.060516			
Base Power Supply	\$0.010113	\$0.013110			
PPFAC	-\$0.002139	\$0.000000			

Total Days 28
Total kWh billed 150

Detail of Services Billed	Wattage	Units Billed
100 Watt	100	1
150 Watt	150	1
200 Watt	200	1
250 Watt	250	1
400 Watt	400	1
Existing Wood Pole OH		5
New 30' Wood Pole OH		0
New 30' Metal or FG OH		0
Existing Wood Pole UG		0
New 30' Wood Pole UG		0
New 30' Metal or FG UG		0

Customer Bill	Current Rates	Proposed Rates	\$Change	%Change
100 Watt	\$5.17	\$6.05	\$0.88	17.02%
150 Watt	\$7.75	\$9.08	\$1.33	17.16%
200 Watt	\$10.34	\$12.10	\$1.76	17.02%
250 Watt	\$12.92	\$15.13	\$2.21	17.11%
400 Watt	\$20.67	\$24.21	\$3.54	17.13%
Existing Wood Pole OH	\$4.34	\$4.68	\$0.34	7.85%
New 30' Wood Pole OH	\$8.66	\$9.35	\$0.69	7.97%
New 30' Metal or FG OH	\$2.18	\$2.35	\$0.17	7.80%
Existing Wood Pole UG	\$6.52	\$7.04	\$0.52	7.98%
New 30' Wood Pole UG	\$10.81	\$11.67	\$0.86	7.96%
New 30' Metal or FG UG	\$0.05	\$0.06	\$0.01	17.10%
Base Power Supply	\$1.52	\$1.97	\$0.45	29.61%
PPFAC	(\$0.32)	\$0.00	\$0.32	-100.00%
Typical	\$13.29	\$15.73	\$2.44	18.36%