

ORIGINAL



0000169459

BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

DOUG LITTLE - CHAIRMAN  
BOB STUMP  
BOB BURNS  
TOM FORESE  
ANDY TOBIN

2016 APR -4 P 10:35

AZ...  
DOCKET CONTROL

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. E-04204A-15-0142  
UNS ELECTRIC, INC. FOR THE )  
ESTABLISHMENT OF JUST AND )  
REASONABLE RATES AND CHARGES ) NOTICE OF FILING LATE FILED  
DESIGNED TO REALIZE A REASONABLE ) EXHIBITS UNSE-45 to UNSE-47  
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. )

UNS Electric, Inc. ("UNS Electric"), through undersigned counsel, hereby files:

1. Exhibit UNSE-45, which reflects: (i) a reduction of the proposed monthly basic service charge for Small General Service ("SGS") customers from \$30 per month to \$25 per month as well as the related impacts on the volumetric rates for SGS customer and (ii) the anticipated bill impacts on the SGS customers under the revised rate structure.

2. Exhibit UNSE-46, which is an updated version of Exhibit CAJ-RJ-1 to the Rejoinder Testimony of Craig A. Jones (Exhibit UNSE-33) that reflects the change to the SGS rate.

3. Exhibit UNSE-47, which is an updated Proof of Revenue that reflects the change to the SGS rate.

RESPECTFULLY SUBMITTED this 4<sup>th</sup> day of April 2016.

Arizona Corporation Commission

UNS ELECTRIC, INC.

DOCKETED

APR 04 2016

By

*Timothy J. Salvo*

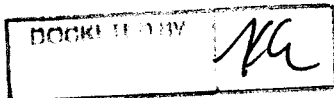
Bradley S. Carroll

UNS Electric, Inc.

88 East Broadway, MS HQE910

P.O. Box 711

Tucson, Arizona 85702



1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27

and

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 4<sup>th</sup> day of April 2016, with:**

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

**Copies of the foregoing hand-delivered  
this 4<sup>th</sup> day of April 2016, to:**

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

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

Thomas Broderick, Director  
Utilities Division  
Arizona Corporation Commission  
1200 West Washington Street  
Phoenix, Arizona 85007

**Copy of the foregoing mailed and/or emailed  
this 4<sup>th</sup> day of April 2016, to:**

Daniel Pozefsky  
Residential Utility Consumer Office  
1110 West Washington Street, Ste. 220  
Phoenix, Arizona 85007  
[dpozefsky@azruco.com](mailto:dpozefsky@azruco.com)

**Consented To Service By Email**

1 Nucor Steel Kingman LLC  
c/o Doug Adams  
2 3000 W. Old Hwy 66  
Kingman, Arizona 86413  
3  
4 Eric J. Lacey  
Stone Mattheis Xenopoulos & Brew, PC  
1025 Thomas Jefferson Street, NW  
5 8<sup>th</sup> Floor, West Tower  
Washington DC 20007-5201  
6 [EJL@smxblaw.com](mailto:EJL@smxblaw.com)  
**Consented To Service By Email**  
7  
8 Robert J. Metli  
Munger Chadwick PLC  
2398 East Camelback Road, Suite 240  
9 Phoenix, Arizona 85016  
[rjmetli@mungerchadwick.com](mailto:rjmetli@mungerchadwick.com)  
10 **Consented To Service By Email**  
11 Lawrence V. Robertson, Jr.  
P.O. Box 1448  
12 Tubac, Arizona 85646  
[tubaclawyer@aol.com](mailto:tubaclawyer@aol.com)  
13  
14 Court S. Rich  
Rose Law Group pc  
7144 E. Stetson Drive, Suite 300  
15 Scottsdale, Arizona 85251  
[crich@roselawgroup.com](mailto:crich@roselawgroup.com)  
16 **Consented To Service By Email**  
17 Thomas A. Loquvam  
Melissa M. Krueger  
18 Pinnacle West Capital Corporation  
P.O. Box 53999, MS 8695  
19 Phoenix, Arizona 85072-3999  
[Thomas.loquvam@pinnaclewest.com](mailto:Thomas.loquvam@pinnaclewest.com)  
20 [Melissa.Krueger@pinnaclewest.com](mailto:Melissa.Krueger@pinnaclewest.com)  
**Consented To Service By Email**  
21  
22 Gregory Bernosky  
Arizona Public Service Company  
P.O. Box 53999, MS 9712  
23 Phoenix, Arizona 85072-3999  
[gregory.bernosky@aps.com](mailto:gregory.bernosky@aps.com)  
24  
25 Rick Gilliam  
Director of Research and Analysis  
The Vote Solar Initiative  
26 1120 Pearl Street, Suite 200  
Boulder, Colorado 80302  
27 [rick@votesolar.com](mailto:rick@votesolar.com)  
**Consented To Service By Email**

1 Briana Kobor, Program Director  
Vote Solar  
360 22<sup>nd</sup> Street, Suite 730  
2 Oakland, CA 94612  
[briana@votesolar.com](mailto:briana@votesolar.com)

3 **Consented To Service By Email**

4 Jill Tauber  
Chinyere A. Osula  
5 Earthjustice Washington, DC Office  
1625 Massachusetts Avenue, NW, Suite 702  
6 Washington, DC 20036-2212  
[jtauber@earthjustice.org](mailto:jtauber@earthjustice.org)

7 **Consented To Service By Email**

8 Ken Wilson  
Western Resource Advocates  
9 2260 Baseline Road, Suite 200  
Boulder, Colorado 80302  
10 [ken.wilson@westernresources.org](mailto:ken.wilson@westernresources.org)

11 **Consented To Service By Email**

12 Scott Wakefield  
Hienton & Curry, P.L.L.C.  
13 5045 N. 12<sup>th</sup> Street, Suite 110  
Phoenix, Arizona 85014-3302

14 Steve W. Chriss  
Senior Manager, Energy Regulatory Analysis  
15 Wal-Mart Stores, Inc.  
2011 S.E. 10<sup>th</sup> Street  
16 Bentonville, AR 72716-0550  
[Stephen.Chriss@wal-mart.com](mailto:Stephen.Chriss@wal-mart.com)

17 Timothy M. Hogan  
18 Arizona Center for Law in the Public Interest  
514 W. Roosevelt Street  
19 Phoenix, Arizona 85003  
[thogan@aclpi.org](mailto:thogan@aclpi.org)

20 **Consented To Service By Email**

21 Michael Alan Hiatt  
Katie Dittelberger  
22 Earthjustice  
633 17<sup>th</sup> Street, Suite 1600  
23 Denver, Colorado 80202  
[mhiatt@earthjustice.com](mailto:mhiatt@earthjustice.com)  
[kdittelberger@earthjustice.com](mailto:kdittelberger@earthjustice.com)

24 **Consented To Service By Email**

25 Jeff Schlegel  
26 SWEEP Arizona Representative  
1167 W. Samalayuca Dr.  
27 Tucson, Arizona 85704  
[schlegelj@aol.com](mailto:schlegelj@aol.com)

1 Ellen Zuckerman  
2 SWEEP Senior Associate  
3 4231 E. Catalina Dr.  
4 Phoenix, Arizona 85018  
5 [ezuckerman@swenergy.org](mailto:ezuckerman@swenergy.org)

6 C. Webb Crockett  
7 Patrick Black  
8 Fennemore Craig, PC  
9 2394 East Camelback Road, Suite 600  
10 Phoenix, Arizona 85016  
11 [wcrockett@fclaw.com](mailto:wcrockett@fclaw.com)  
12 [pblack@fclaw.com](mailto:pblack@fclaw.com)  
13 **Consented To Service By Email**

14 Kevin Higgins  
15 Energy Strategies, LLC  
16 215 South State Street, Suite 200  
17 Salt Lake City, Utah 84111  
18 [khiggins@energystrat.com](mailto:khiggins@energystrat.com)

19 Meghan H. Grabel  
20 Osborn Maladon, PA  
21 2929 North Central Avenue  
22 Phoenix, Arizona 85012  
23 [mgrabel@omlaw.com](mailto:mgrabel@omlaw.com)  
24 **Consented To Service By Email**

25 Gary Yaquinto, President & CEO  
26 Arizona Investment Council  
27 2100 North Central Avenue, Suite 210  
Phoenix, Arizona 85004  
[gyaquinto@arizonaaic.org](mailto:gyaquinto@arizonaaic.org)  
**Consented To Service By Email**

28 Cynthia Zwick  
29 Arizona Community Action Association  
30 2700 North 3<sup>rd</sup> Street, Suite 3040  
31 Phoenix, Arizona 85004  
32 [czwick@azcaa.org](mailto:czwick@azcaa.org)  
33 **Consented To Service By Email**

34 Craig A. Marks  
35 Craig A. Marks, PLC  
36 10645 N. Tatum Blvd., Suite 200-676  
37 Phoenix, Arizona 85028  
38 [craig.marks@azbar.org](mailto:craig.marks@azbar.org)  
39 **Consented To Service By Email**

40 Pat Quinn  
41 Arizona Utility Ratepayer Alliance  
42 5521 E. Cholla Street  
43 Scottsdale, Arizona 85254  
44 [patt.quinn47474@gmail.com](mailto:patt.quinn47474@gmail.com)

1 Jeffrey W. Crockett  
2 Crockett Law Group PLLC  
3 2198 East Camelback Road, Suite 305  
4 Phoenix, Arizona 85016  
5 [jeff@jeffcrockettlaw.com](mailto:jeff@jeffcrockettlaw.com)  
6 **Consented To Service By Email**

7 Kirby Chapman, CPA  
8 Chief Financial and Administrative Officer  
9 Sulphur Springs Valley Electric Cooperative, Inc.  
10 311 E. Wilcox  
11 Sierra Vista, Arizona 85650  
12 [kchapman@ssvec.com](mailto:kchapman@ssvec.com)  
13 **Consented To Service By Email**

14 Tom Harris, Chairman  
15 Arizona Solar Energy Industries Association  
16 2122 W. Lone Cactus Dr., Suite 2  
17 Phoenix, Arizona 85027  
18 [tom.harris@ariseia.com](mailto:tom.harris@ariseia.com)  
19 **Consented To Service By Email**

20 Garry D. Hays  
21 Law Offices of Garry D. Hays, PC  
22 2198 East Camelback Road, Suite 305  
23 Phoenix, Arizona 85016  
24 [ghays@lawgdh.com](mailto:ghays@lawgdh.com)

25 Vincent Nitido  
26 Trico Electric Cooperative, Inc.  
27 8600 West Tangerine Road  
Marana, Arizona 85653  
[vnitido@trico.coop](mailto:vnitido@trico.coop)

Jason Y. Moyes  
Jay I. Moyes  
Moyes Sellers & Hendricks  
1850 N. Central Ave., Suite 1100  
Phoenix, Arizona 85004  
[jasonmoyes@law-msh.com](mailto:jasonmoyes@law-msh.com)  
[kes@drsaline.com](mailto:kes@drsaline.com)  
[jimoyes@law-msh.com](mailto:jimoyes@law-msh.com)  
**Consented To Service By Email**

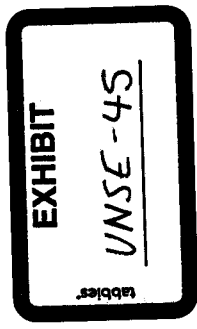
28  
29 By *Jaclyn Howard*  
30  
31  
32

**Exhibit UNSE-45**

UNS ELECTRIC INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 SMALL GENERAL SERVICE - REDUCTION TO BASIC SERVICE CHARGE

	RATES		TRANSITION BILL COMPARISON							
	Current	Rejoinder	Revised	Current	Rejoinder	Average	Revised	Current	Rejoinder	Revised
					Small				Large	
Basic Service Charge	\$14.50	\$30.00	\$25.00	\$121.31	\$55.38	\$131.44	\$131.20	\$152.36	\$160.89	\$162.10
0-400	\$0.030176	\$0.030000	\$0.033500	\$45.09	\$59.15	\$121.31	\$131.20	\$152.36	\$160.89	\$162.10
401-7,500	\$0.041042	\$0.039900	\$0.044500							
Over 7,500	\$0.076042	\$0.077300	\$0.088000							
TCA, per kWh	\$0.001140	\$0.000000	\$0.000000							
Base Power	\$0.053290	0.05329	\$0.053290							
PPFAC Revenue	Varies by Month									
DEMAND BILL COMPARISON										
Basic Service Charge			\$25.00	\$121.31	\$54.81	\$132.85	\$132.85	\$152.36	\$143.08	\$144.51
Delivery Charge, All kWh			\$0.021100	\$45.09	\$58.26	\$121.31	\$132.85	\$152.36	\$143.08	\$144.51
TCA, per kWh			\$0.000000							
Base Power			\$0.053290							
PPFAC Revenue	Varies by Month									

NOTE: During the hearing a revision to the meter cost based allocation was acknowledged. This revision resulted in a reduction to the meter related costs allocated to the Small General Service rate class. After reviewing the resulting changes and discussing the impact, the Company decided to propose a reduction to the Basic Service Charge for this rate class. The revenues removed from the Basic Service Charge were shifted to the volumetric charges. This change is reflected in the various bill impact calculations shown in this exhibit.

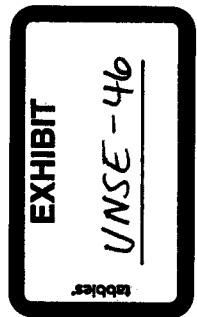




**Exhibit UNSE-46**

UNSE Electric Inc.  
 Bill Impacts  
 Test Period Ending December 31, 2014

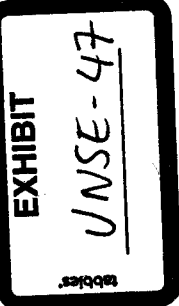
Line No.	Class Description	Customer Counts To-date (Dec 2015)	TEST YEAR ADJUSTED WITH MARGIN INCREASE, FUEL/PPAFC TRUE-UP AND TCA										COS RETURNS
			New Summer Month A	Total Summer Change B	Summer Change C=(B*6)	New Winter Month D	Total Winter Change E	Winter Change F=(E*6)	Annual Bill G=(A*6+D*6)	Annual Bill Change	Monthly Bill Change	Percent Change to Total Bill With Fuel Increase	
1	Residential Current to Transition	75,504	\$104.60	\$4.40	\$26.39	\$74.72	\$5.24	\$31.45	\$1,075.95	\$57.84	\$4.82	5.68%	
2	Residential Transition to Demand		\$107.84	\$3.24	\$19.43	\$74.39	(\$0.33)	(\$2.00)	\$1,093.38	\$17.43	\$1.45	1.62%	
3	Residential Current to Demand		\$107.84	\$7.64	\$45.82	\$74.39	\$4.91	\$29.45	\$1,093.38	\$75.27	\$6.27	7.39%	
4	Residential CARES- Current to Transition	5,904	\$77.86	\$4.37	\$26.22	\$57.60	\$3.91	\$23.46	\$812.75	\$49.68	\$4.14	6.51%	
5	Residential CARES Transition to Demand		\$79.85	\$2.31	\$13.86	\$54.84	(\$2.76)	(\$16.56)	\$808.14	(\$2.70)	(\$0.23)	-0.33%	
6	Residential CARES Current to Demand		\$79.85	\$6.68	\$40.08	\$54.84	\$1.15	\$6.90	\$808.14	\$46.98	\$3.92	6.17%	
7	Residential CARES-M Current to Transition	251	\$95.32	\$4.48	\$26.88	\$69.54	\$3.90	\$23.38	\$989.14	\$50.26	\$4.19	5.35%	
8	Residential CARES-M Transition to Demand		\$100.02	\$5.09	\$30.54	\$64.26	(\$5.28)	(\$31.68)	\$985.68	(\$1.14)	(\$0.10)	-0.12%	
9	Residential CARES-M Current to Demand		\$100.02	\$9.58	\$57.48	\$64.26	(\$1.37)	(\$8.22)	\$985.68	\$49.26	\$4.11	5.26%	
10	Residential TOU	266	\$127.07	\$8.47	\$50.80	\$84.34	\$5.34	\$32.04	\$1,268.46	\$82.84	\$6.90	6.99%	
11	Residential TOU Super Peak	5	\$125.50	\$8.16	\$48.94	\$84.26	\$9.64	\$57.84	\$1,258.56	\$106.78	\$8.90	9.27%	
12	Small General Service Current to Transition	8,839	\$145.51	\$9.82	\$58.94	\$116.48	\$9.97	\$59.81	\$1,571.94	\$118.75	\$9.90	8.17%	
13	Small General Service Transition to Demand		\$149.27	\$3.77	\$22.59	\$118.53	\$2.05	\$12.31	\$1,606.80	\$34.90	\$2.91	2.22%	
14	Small General Service Current to Demand		\$149.52	\$13.83	\$82.99	\$118.73	\$12.21	\$73.29	\$1,609.50	\$156.28	\$13.02	10.75%	
15	Small General Service TOU	14	\$250.34	\$17.96	\$107.74	\$176.25	\$15.81	\$94.85	\$2,559.54	\$202.59	\$16.88	8.60%	
16	Interruptible Service	25	\$9,142.83	\$875.25	\$5,251.49	\$6,938.55	\$661.82	\$3,970.93	\$96,488.28	\$9,222.42	\$768.54	10.57%	
17	Medium General Service	1,279	\$3,081.61	\$35.27	\$211.62	\$2,425.66	\$38.51	\$231.04	\$35,043.60	\$442.66	\$36.89	1.36%	
18	Medium General Service TOU	9	\$7,119.98	(\$120.16)	(\$770.96)	\$6,496.26	\$227.41	\$1,364.46	\$81,697.44	\$643.50	\$53.63	0.79%	
19	Large General Service	10	\$28,354.74	(\$445.25)	(\$2,671.48)	\$28,354.74	(\$445.25)	(\$2,671.48)	\$340,256.88	(\$5,342.96)	(\$445.25)	-1.55%	
20	Large General Service (Formally UPS)	7	\$40,649.16	(\$1,721.36)	(\$10,328.13)	\$40,649.16	(\$1,721.36)	(\$10,328.13)	\$487,789.92	(\$20,656.26)	(\$1,721.36)	-4.06%	
21	Large General Service TOU	2	\$58,778.38	(\$332.07)	(\$1,992.42)	\$54,340.61	\$1,338.29	\$8,029.74	\$678,713.94	\$6,037.32	\$503.11	0.90%	
22	Large Power Service	4	\$113,504.35	\$1,198.74	\$7,192.45	\$113,504.35	\$1,198.74	\$7,192.45	\$1,362,052.20	\$14,384.90	\$1,198.74	1.07%	
23	Large Power Service TOU	0	\$188,146.50	\$3,250.24	\$19,501.44	\$167,697.86	\$677.25	\$4,063.50	\$2,135,066.16	\$23,564.94	\$1,963.75	1.12%	
24	Lighting Service	1,922	\$15.33	\$2.04	\$12.24	\$15.33	\$2.04	\$12.24	\$183.96	\$24.48	\$2.04	15.35%	



**Exhibit UNSE-47**

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>RESIDENTIAL SERVICE</b>							
1	Basic Service Charge	\$10.00	912,420	\$9,124,200		\$15.00	\$13,686,300
2	0-400	\$0.019300	305,205,763	5,890,471		\$0.030100	9,186,693
2	401-1,000	\$0.034350	265,302,752	9,113,150		\$0.040100	10,638,640
3	Over 1,000	\$0.038498	190,706,885	7,342,024		\$0.058100	11,080,070
3	TCA, per kWh	\$0.001140	0	0		\$0.000000	0
4	Margin Total			\$31,469,845			\$44,891,704
5	Base Power	\$0.055090	761,215,400	\$41,935,733		\$0.055090	\$41,935,733
6	PPFAC Revenue	Varies by Mon	0	0			0
7	Total Fuel Revenue			\$41,935,733			\$41,935,733
8	Total Residential Revenue			<u>\$73,405,578</u>			<u>\$86,527,437</u>
<b>CARES - RESIDENTIAL</b>							
9	Basic Service Charge	\$4.90	74,832	\$366,677		\$9.00	\$673,488
10	0-400	\$0.018973	26,952,315	511,366		\$0.028700	773,531
11	401-1,000	\$0.035400	31,888,010	1,128,836		\$0.048100	1,533,813
12	TCA	\$0.001140	0	0		\$0.000000	0
13	Margin Discount			-213,139			-213,139
14	Margin Total			\$1,793,740			\$2,767,694
15	Base Power	\$0.050260	58,840,325	\$2,957,315		\$0.050260	\$2,957,315
16	PPFAC Revenue	Varies by Mc	0	0			0
17	Fuel Adjustments (Customer Discounts)			-372,156			-372,156
18	Total Fuel Revenue			\$2,585,159			\$2,585,159
19	Total CARES Revenue			<u>\$4,378,898</u>			<u>\$5,352,853</u>
<b>RESIDENTIAL SERVICE TIME OF USE</b>							
20	Basic Service Charge	\$11.50	3,072	\$35,328		\$15.00	\$46,080
21	0-400	\$0.030350	1,113,237	33,787		\$0.035300	39,297
22	401-1,000	\$0.030350	1,115,163	33,845		\$0.035300	39,365
23	Over 1,000	\$0.030350	824,463	25,022		\$0.035300	29,104
24	TCA, per kWh	\$0.001140	0	0		\$0.000000	0
25	Margin Total			\$127,982			\$153,846
26	Base Power	\$0.111001	411,735	\$45,703		\$0.111001	\$45,703
27	Summer On-peak	\$0.042830	1,412,262	60,487		\$0.042830	60,487
28	Summer Off-peak	\$0.091550	299,937	27,459		\$0.091550	27,459
29	Winter On-peak	\$0.038610	928,930	35,866		\$0.038610	35,866
30	Winter Off-peak	Varies by Month		0			0
31	PPFAC Revenue			\$169,515			\$169,515
32	Total Fuel Revenue			<u>\$297,498</u>			<u>\$323,361</u>
33	Total Residential TOU Revenue						



**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>RESIDENTIAL SERVICE TIME OF USE - SUPER PEAK</b>							
1	Basic Service Charge	\$11.50	1	\$12		\$15.00	\$15
2	0-400	\$0.025000	264	7		\$0.030100	8
3	401-1,000	\$0.035000	0	0		\$0.040100	0
4	Over 1,000	\$0.035000	0	0		\$0.058100	0
5	TCA, per kWh	\$0.001140	0	0		\$0.000000	0
6	Margin Total			\$18			\$23
7	Base Power						
8	Summer On-peak	\$0.159790	0	\$0		\$0.159790	\$0
9	Summer Off-peak	\$0.040810	0	0		\$0.040810	0
10	Winter On-peak	\$0.159790	78	12		\$0.159790	12
11	Winter Off-peak	\$0.040810	186	8		\$0.040810	8
12	PPFAC Revenue	Varies by Month		0		\$0.000000	0
13	Total Fuel Revenue			\$20			\$20
14	Total Residential TOU Revenue			<u>\$38</u>			<u>\$43</u>
<b>RESIDENTIAL BRIGHT COMMUNITY SOLAR</b>							
15	Basic Service Charge	\$10.00	944	\$9,440		\$15.00	\$14,160
16	0-400	\$0.019300	344,179	6,643		\$0.030100	10,360
17	401-1,000	\$0.034350	309,789	10,641		\$0.040100	12,423
18	Over 1,000	\$0.038499	190,366	7,329		\$0.058100	11,060
19	TCA, per kWh	\$0.001140		0			0
20	Margin Total			-\$33,602			\$46,003
21	Total Fuel Revenue		\$0.084510	\$53,651		\$0.075090	\$53,651
22	Total Residential TOU Revenue			<u>\$97,253</u>			<u>\$101,654</u>
<b>TOTAL CUSTOMERS</b>							
23	TOTAL RESIDENTIAL		991,269	\$33,425,187			\$47,561,269
24	TOTAL CUSTOMERS		82,606	44,744,078			44,744,078
25	AVERAGE CUSTOMERS		823,953,185	\$78,169,265			\$92,305,348
26	TOTAL SALES (kWh)						
27	TOTAL MARGIN REVENUE						
28	TOTAL FUEL						
29	TOTAL RESIDENTIAL REVENUE						

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>SMALL GENERAL SERVICE</b>							
30	Basic Service Charge	\$14.50	105,000	\$1,522,500		\$25.00	\$2,625,000
31	0-400	\$0.030176	31,005,104	935,610		\$0.033500	1,038,671
32	401-7,500	\$0.041042	85,254,256	3,499,005		\$0.044500	3,793,814
33	Over 7,500	\$0.076042	2,242,007	170,487		\$0.088000	197,297
34	TCA, per kWh	\$0.001140	0	0		\$0.000000	0
35	Margin Total			6,127,602			7,654,782
36	Base Power	\$0.053290	118,501,366	6,314,938		\$0.053290	6,314,938
37	PPFAC Revenue	Varies by Mk	0	0		0	0
38	Total Fuel Revenue			\$6,314,938			\$6,314,938
39	Total Small General Service Revenue			\$12,442,540			\$13,969,720
<b>SMALL GENERAL SERVICE TOU</b>							
1	Basic Service Charge	\$16.50	96	\$1,584		\$25.00	\$2,400
2	0-400	\$0.030176	36,041	1,088		\$0.033500	1,207
3	401-7,500	\$0.043176	146,389	6,320		\$0.044500	6,514
4	Over 7,500	\$0.076042	0	0		\$0.088000	0
5	TCA, per kWh	\$0.001140	0	0		\$0.000000	0
6	Margin Total			\$8,992			\$10,122
7	Base Power	\$0.109800	10,833	\$1,189		\$0.109800	\$1,189
8	Summer On-peak	\$0.045800	93,049	4,262		\$0.045800	4,262
9	Summer Off-peak	\$0.108800	15,595	1,697		\$0.108800	1,697
10	Winter On-peak	\$0.040036	62,953	2,520		\$0.040036	2,520
11	Winter Off-peak	Varies by Month		0		0	0
12	PPFAC Revenue			\$9,668			\$9,668
13	Total Fuel Revenue						
14	Total Small General Service Revenue			\$18,660			\$19,790

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>INTERRUPTIBLE POWER SERVICE</b>							
15	Basic Service Charge	\$18.00	348	\$6,264		\$75.00	\$26,100
16	Demand Charge, per kW	\$5.00	105,334	\$526,670		\$5.52	\$81,444
17	Energy Charge, per kWh	\$0.019408	35,567,841	690,301		\$0.014990	\$533,162
18	TCA, per kW	\$0.432900	0	0		\$0.000000	0
19	Margin Total			\$1,223,235			\$1,140,706
20	Base Power	\$0.053090	35,567,841	\$1,888,297		\$0.053090	\$1,888,297
21	PPFAC Revenue	Varies by Month		\$0			\$0
22	Total Fuel Revenue			\$1,888,297			\$1,888,297
23	Total Interruptible Revenue			<u>\$3,111,532</u>			<u>\$3,029,003</u>
<b>MEDIUM GENERAL SERVICE</b>							
<b>FORMALLY LARGE GENERAL SERVICE</b>							
24	Basic Service Charge	\$50.00	16,092	\$804,600	15,972	\$100.00	\$1,597,200
25	Demand Charge, per kW	\$12.81	1,394,255	17,860,410	1,302,061	\$13.47	17,538,202
26	Energy Charge, per kWh	\$0.005470	445,782,493	2,438,430	408,462,296	\$0.005480	2,238,373
27	TCA, per kW	\$0.432900	0	0	1,302,061	\$0.000000	0
28	Margin Total			\$21,103,440			\$21,373,776
29	Base Power	\$0.053290	445,782,493	\$23,755,749	408,462,296	\$0.053290	\$21,766,956
30	PPFAC Revenue	Varies by Month		0			0
31	Total Fuel Revenue			\$23,755,749			\$21,766,956
32	Total Large General Service			<u>\$44,859,189</u>			<u>\$43,140,732</u>

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS		PROPOSED RATES	COMPANY PROPOSED REVENUES
					FORMALLY LARGE GENERAL SERVICE TOU	MEDIUM GENERAL TOU SERVICE		
<b>MEDIUM GENERAL SERVICE TIME</b>								
1	Basic Service Charge	\$52.00	96	\$4,992		\$100.00	\$9,600	
2	Demand Charge, per kW	\$12.81	16,192	207,417		\$13.47	218,097	
3	Energy Charge, per kWh	\$0.005470	7,718,956	42,223		\$0.005480	42,300	
4	TCA, per kW	\$0.432900	0	0		\$0.000000	0	
5	Margin Total			\$254,632			\$269,997	
<b>Base Power</b>								
6	Summer On-peak	\$0.114886	728,854	\$83,735		\$0.114886	\$83,735	
7	Summer Off-peak	\$0.033500	2,959,583	99,146		\$0.033500	99,146	
8	Winter On-peak	\$0.101047	907,877	91,738		\$0.101047	91,738	
9	Winter Off-peak	\$0.031690	3,122,643	98,957		\$0.031690	98,957	
10	PPFAC Revenue	Varies by Month		0			0	
11	Total Fuel Revenue			\$373,576			\$373,576	
12	Total Large General Service TOU			\$628,208			\$643,573	
<b>LARGE GENERAL SERVICE</b>								
13	Basic Service Charge		204	\$300.00		\$300.00	\$61,200	
14	Demand Charge, per kW		203,080	\$12.88		\$12.88	2,615,664	
15	Primary Discount						-20,808	
16	Energy Charge, per kWh		95,412,304	\$0.005300		\$0.005300	505,685	
17	TCA, per kW		0	\$0.000000		\$0.000000	0	
18	Margin Total						\$3,161,742	
19	Base Power		95,412,304	\$0.053290		\$0.053290	\$5,084,522	
20	PPFAC Revenue			0			0	
21	Total Fuel Revenue						\$5,084,522	
22	Total Large General Service						\$8,246,263	



**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
24	Basic Service Charge	\$1,200.00	24	\$28,800	24	\$300.00	\$7,200
25	Demand Charge, per kW	\$22.00	33,511	737,242	33,511	\$12.88	431,622
26	Power Factor Adjustment			79,046			0
27	Energy Charge, per kWh	\$0.000462	15,418,264	\$7,123	15,418,264	\$0.005300	\$81,717
28	TCA, per kW	\$0.432900	0	0	0	\$0.000000	0
29	Margin Total			\$852,211			\$520,538
30	Base Power						
31	Summer On-peak	\$0.143771	1,259,777	\$181,119	1,259,777	\$0.143771	\$181,119
32	Summer Off-peak	\$0.038600	6,623,822	255,680	6,623,822	\$0.038600	255,680
33	Winter On-peak	\$0.139880	1,200,529	167,930	1,200,529	\$0.139880	167,930
34	Winter Off-peak	\$0.034927	\$6,334,135	\$221,232	6,334,135	\$0.034927	\$221,232
35	PPFAC Revenue	Varies by Month		0			0
36	Total Fuel Revenue			\$825,961			\$825,961
37	Total Large General Service TOU			<u>\$1,678,173</u>			<u>\$1,346,500</u>
<b>TOTAL GENERAL SERVICE</b>							
1	TOTAL BILLS		105,468				
2	AVERAGE CUSTOMERS		8,789				
3	TOTAL SALES (kWh)		607,753,087				
4	TOTAL MARGIN REVENUE			\$28,717,901			\$34,131,662
5	TOTAL FUEL			32,342,228			36,263,917
6	TOTAL COMMERCIAL REVENUE			<u>\$61,060,129</u>			<u>\$70,395,580</u>

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES	
<b>LARGE POWER SERVICE 3-69 kV</b>								
7	Basic Service Charge	\$1,200.00	84	\$100,800			<div style="border: 1px solid black; padding: 5px;">                     MOVED TO NEW LARGE GENERAL SERVICE RATE SCHEDULE                 </div>	
8	Demand Charge, per kW	\$22.00	125,432	2,759,504				
9	Power Factor Adjustment			94,842				
10	Energy Charge, per kWh	\$0.000462	58,092,107	26,839				
11	Primary Discount			-20,808				
12	TCA, per kW	\$0.4329	0	0				
13	Margin Total			\$2,961,177				
14	Base Power	\$0.053290	58,092,107	\$3,095,728				
15	PPFAC Revenue	Varies by Month		0				
16	Total Fuel Revenue			\$3,095,728				
17	Total Large Power Service Distribution			<u>\$6,056,905</u>				
<b>LARGE POWER SERVICE 3 TOU &lt;69 kV</b>								
18	Basic Service Charge	\$1,200.00	24	\$28,800				<div style="border: 1px solid black; padding: 5px;">                     MOVED TO NEW LARGE GENERAL SERVICE TOU RATE SCHEDULE                 </div>
19	Demand Charge, per kW	\$22.00	33,511	737,242				
20	Power Factor Adjustment			79,046				
21	Energy Charge, per kWh	\$0.000462	15,418,264	7,123				
22	TCA, per kW	\$0.432900	0	0				
23	Margin Total			852,211				
24	Base Power	\$0.143771	1,259,777	\$181,119				
25	Summer On-peak	\$0.038600	6,623,822	255,680				
26	Summer Off-peak	\$0.139880	1,200,529	167,930				
27	Winter On-peak	\$0.034927	5,334,135	\$221,232				
28	Winter Off-peak	Varies by Month		0				
29	PPFAC Revenue			\$825,961				
30	Total Fuel Revenue							
31	Total Large Power Service Distribution TOU			<u>\$1,678,173</u>				

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>LARGE POWER SERVICE 5&gt;69 kV</b>							
1	Basic Service Charge	\$1,200.00	48	\$57,600		\$1,500.00	\$72,000
2	Demand Charge, per kW	\$17.00	171,949	2,923,133		\$12.48	2,145,924
3	Power Factor Adjustment			168,249			168,249
4	Energy Charge, per kWh	\$0.000462	92,765,274	42,858		\$0.000500	46,383
5	TCA, per kW	\$0.432900	0	0		\$0.00000	0
6	Margin Total			3,191,840			2,432,555
7	Base Power			\$0			\$0
8	PPFAC Revenue			0			0
9	Total Fuel Revenue			\$4,254,913			\$4,254,913
10	Total Large Power Service Transmission			<u>\$7,446,752</u>			<u>\$6,687,468</u>
<b>LARGE POWER SERVICE 5 TOU &gt;69 kV</b>							
11	Basic Service Charge	\$1,200.00					
12	Demand Charge, per kW	\$17.00					
13	Energy Charge, per kWh	\$0.000462					
14	TCA, per kW	\$0.432900					
15	Margin Total						
16	Base Power						
17	Summer On-peak	\$0.125200					
18	Summer Off-peak	\$0.033410					
19	Winter On-peak	\$0.092110					
20	Winter Off-peak	\$0.030410					
21	PPFAC Revenue			0			0
22	Total Fuel Revenue			\$0			\$0
23	Total Large Power Service Distribution TOU			<u>\$0</u>			<u>\$0</u>
<b>TOTAL INDUSTRIAL &amp; MINE</b>							
24	TOTAL BILLS		156				
25	AVERAGE CUSTOMERS		13				
26	TOTAL SALES (kWh)		73,510,371				
27	TOTAL MARGIN REVENUE			\$7,005,227			\$2,432,555
28	TOTAL FUEL			6,176,602			4,254,913
29	TOTAL INDUSTRIAL & MINE REVENUE			<u>\$15,181,830</u>			<u>\$6,687,468</u>

Included Above

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>DUSK TO DAWN</b>							
30	Customers		28,657				
31	New 30' Wood Pole (Class 6) - Over	\$4.34	8,574	\$37,211		\$4.34	\$37,211
32	New 30' Metal or Fiberglass - Overh	\$8.66	5,829	50,479		\$8.66	50,479
33	Existing Wood Pole - Underground	\$2.18	372	811		\$2.18	811
34	New 30' Wood Pole (Class 6) - Unde	\$6.52	176	1,148		\$6.52	1,148
35	New 30' Metal or Fiberglass - Undere	\$10.81	2,699	29,182		\$10.81	29,182
36	Wattage, per Watt	\$0.051681	7,490,450	<u>\$387,114</u>		\$0.058707	<u>\$439,739</u>
37	Total Margin Revenue			\$505,944			\$558,569
38	Base Power	\$0.014505	2,827,250	\$41,009		\$0.014505	\$41,009
39	PPFAC Revenue			0			0
40	Total Fuel Revenue			\$41,009			\$41,009
41	TOTAL LIGHTING REVENUE			<u>\$546,954</u>			<u>\$599,578</u>
<b>TOTAL REVENUE PROOF</b>							
1	TOTAL REVENUE PROOF						
2	TOTAL BILLS		1,125,550				
3	AVERAGE CUSTOMERS		93,796				
4	TOTAL SALES (KWH)		1,508,043,893				
5	TOTAL MARGIN REVENUE			\$69,654,260			\$84,684,056
6	TOTAL FUEL			85,303,918			85,303,918
7	TOTAL INDUSTRIAL & MINE REVENUE			<u>\$154,958,178</u>			<u>\$169,987,974</u>

**UNS ELECTRIC, INC.**  
**TEST PERIOD ENDING DECEMBER 31, 2014**  
**REVENUE PROOF CURRENT 2-PART RATES TO 2-PART TRANSITION RATES**

LINE NO.	RATE SCHEDULE	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>RIDER R-5 ELECTRIC SERVICE SOLAR RIDER (BRIGHT ARIZONA COMMUNITY SOLAR™)</b>							
8	Residential Electric, Rate R-01	\$0.084510				\$0.075090	Shown Above
9	General Service, Rate SGS-10	\$0.078241				\$0.073290	Not Subscribed
10	Medium General Service, R-MGS	\$0.076603				\$0.073290	Not Subscribed
<b>FOLLOWING RATE SCHEDULES HAVE NO SUBSCRIBERS</b>							
<b>MEDIUM GENERAL SERVICE TIME OF USE SCHOOLS (FORMALLY SMALL GENERAL SERVICE SCHOOL)</b>							
11	Basic Service Charge, per Month	\$16.50				\$100.00	
12	Demand Charge, per kW	\$0.00				\$13.47	
13	Energy Charge, per kWh					\$0.005480	
14	0-400	\$0.030176					
15	401-7,500	\$0.043176					
16	Over 7,500	\$0.076042					
17	Base Power					\$0.120586	
18	Summer On-peak	\$0.137405				\$0.039200	
19	Summer Off-peak	\$0.047405				\$0.106747	
20	Winter On-peak	\$0.137405				\$0.037390	
21	Winter Off-peak	\$0.039185					
<b>LARGE GENERAL SERVICE TIME OF USE SCHOOLS</b>							
22	Basic Service Charge, per Month	\$52.00				\$300.00	
23	Demand Charge, per kW	\$12.81				\$12.86	
24	Energy Charge, per kWh	\$0.005470				\$0.005300	
25	Base Power					\$0.148471	
26	Summer On-peak	\$0.120586				\$0.043300	
27	Summer Off-peak	\$0.045586				\$0.144580	
28	Winter On-peak	\$0.120586				\$0.039627	
29	Winter Off-peak	\$0.031868					

UNS ELECTRIC, INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>RESIDENTIAL SERVICE</b>							
1	Basic Service Charge		991,269	\$14,420,043		\$15.00	\$14,869,035
2	Demand Charge		4,206,184	\$0		5.00	\$21,030,921
2	Delivery Charge		823,953,185	\$33,354,365		\$0.015340	\$12,639,442
3	TCA, per kWh			\$0		\$0.000000	\$0
3	CARES Margin Discount			(\$213,139)			(\$977,059)
4	Margin Total			\$47,561,269			\$47,862,339
5	BasePower Summer On-Peak		113,663,921				\$0.105800
6	BasePower Summer Off-Peak		379,947,494				\$16,273,151
7	BasePower Winter On-Peak		85,815,125				\$0.086300
8	BasePower Winter Off-Peak		243,682,312				\$0.038610
9	CARES Fuel Discount						\$9,408,574
10	Bright Community Solar Revenue		844,333				(\$632,405)
11	Total Fuel Revenue			\$44,744,078			\$53,651
12	Total Residential Revenue			\$92,305,348			\$44,534,459
							\$92,396,798

DETAILS OF BILLING DETERMINANTS FOR ABOVE						
	RESIDENTIAL kWh	CARES	RES TOU	RES Super-Peak	RES BCS	Total
13	BasePower Summer On-Peak	8,126,028	411,735	0	0	113,663,921
14	BasePower Summer Off-Peak	27,160,515	1,412,262	0	0	379,947,494
15	BasePower Winter On-Peak	6,135,848	299,937	78	78	85,815,125
16	BasePower Winter Off-Peak	17,417,935	928,930	186	186	243,682,312
17	Totals	58,840,325	3,052,863	264	844,333	823,108,852 kWh for Fuel
18						823,953,185 kWh for Margin
Billing kW imputed from RES average						
	RESIDENTIAL kW	CARES	RES TOU	RES Super-Peak	RES BCS	Total
19	kw Billing Units	317,530	13,035	4	4,006	4,206,184
20	Customer Billing Units	74,832	3,072	1	944	991,269
21	kw/Customer/Month	4.243				
CARES Discount Calculation						
	Customers	Billing Dets.	\$ Discount/Month	Total Discount		
22	5,925	71,100	\$17	\$1,208,700		
23	CARES	3,732	\$27	\$100,764		
24	CARES Medical	6,236		\$1,309,464		
25	Totals					

UNS ELECTRIC, INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>SMALL GENERAL SERVICE</b>							
1	Basic Service Charge		105,096	\$2,627,400		\$25.00	\$2,627,400
2	Demand Charge		395,365	\$0		5.05	\$2,016,792
3	Delivery Charge		118,683,796	\$5,037,504		\$0.021100	\$2,504,228
4	TCA, per kWh			\$0		\$0.000000	\$0
5	Margin Total			\$7,664,904			\$7,148,420
6	BasePower Summer On-Peak		15,672,593			\$0.097800	\$1,532,780
7	BasePower Summer Off-Peak		52,451,074			\$0.045800	\$2,402,259
8	BasePower Winter On-Peak		15,304,699			\$0.096800	\$1,481,495
9	BasePower Winter Off-Peak		35,255,431			\$0.040036	\$1,411,472
10	Total Fuel Revenue			\$6,324,606			\$6,828,005
11	Total Small General Service Revenue			\$13,989,510			\$13,976,425
<b>DETAILS OF BILLING DETERMINANTS FOR ABOVE</b>							
12							
13	SGS Mean Billing kW (est.)	3.80					
	From H-4 for mean kWh						
14	Source: Greg Strang						
15	Summer	On-Peak	0.769747	0.574			
16	Winter	Off-Peak	0.697135	0.426			
17				1.00000			
<b>INTERRUPTIBLE POWER SERVICE</b>							
18	Basic Service Charge	\$18.00	348	\$6,264		\$75.00	\$26,100
19	Demand Charge, per kW	\$5.00	105,334	\$526,670		\$5.52	\$581,444
20	Energy Charge, per kWh	\$0.019408	35,567,841	\$690,301		\$0.014990	\$533,162
21	TCA, per kW	\$0.432900	0	\$0		\$0.000000	\$0
22	Margin Total			\$1,223,235			\$1,140,706
23	Base Power	\$0.053090	35,567,841	\$1,888,297		\$0.053090	\$1,888,297
24	PPFAC Revenue	Varies by Month		\$0			\$0
25	Total Fuel Revenue			\$1,888,297			\$1,888,297
26	Total Interruptible Revenue			\$3,111,532			\$3,029,003

UNS ELECTRIC, INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	PROPOSED REVENUES	COMPANY PROPOSED REVENUES
<b>MEDIUM GENERAL SERVICE</b>								
1	Basic Service Charge	\$50.00	16,092	\$804,600	15,972	\$100.00	\$1,597,200	\$1,597,200
2	Demand Charge, per kW	\$12.81	1,394,255	17,860,410	1,302,061	\$13.47	17,538,202	17,538,202
3	Energy Charge, per kWh	\$0.005470	445,782,493	2,438,430	408,462,296	\$0.005480	2,238,373	2,238,373
4	TCA, per kW	\$0.432900	0	0	1,302,061	\$0.000000	0	0
5	Margin Total			\$21,103,440			\$21,373,776	\$21,373,776
6	Base Power	\$0.053280	445,782,493	\$23,755,749	408,462,296	\$0.053290	\$21,766,956	\$21,766,956
7	PPFAC Revenue	Varies by Month		0			0	0
8	Total Fuel Revenue			\$23,755,749			\$21,766,956	\$21,766,956
9	Total Large General Service			\$44,859,189			\$43,140,732	\$43,140,732
<b>MEDIUM GENERAL SERVICE TIME</b>								
1	Basic Service Charge	\$52.00	96	\$4,992		\$100.00	\$9,600	\$9,600
10	Demand Charge, per kW	\$12.81	16,192	207,417		\$13.47	218,097	218,097
11	Energy Charge, per kWh	\$0.005470	7,718,956	42,223		\$0.005480	42,300	42,300
12	TCA, per kW	\$0.432900	0	0		\$0.000000	0	0
13	Margin Total			\$254,632			\$269,997	\$269,997
14	Base Power	\$0.114886	728,854	\$83,735		\$0.114886	\$83,735	\$83,735
15	Summer On-peak	\$0.033500	2,959,583	99,146		\$0.033500	99,146	99,146
17	Winter On-peak	\$0.101047	907,877	91,738		\$0.101047	91,738	91,738
18	Winter Off-peak	\$0.031690	3,122,643	98,957		\$0.031690	98,957	98,957
19	PPFAC Revenue	Varies by Month		0			0	0
20	Total Fuel Revenue			\$373,576			\$373,576	\$373,576
21	Total Large General Service TOU			\$628,208			\$643,573	\$643,573



UNS ELECTRIC, INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>LARGE GENERAL SERVICE</b>							
1	Basic Service Charge		204		204	\$300.00	\$61,200
2	Demand Charge, per kW		203,080		203,080	\$12.88	2,615,664
3	Primary Discount						-20,808
4	Energy Charge, per kWh		95,412,304		95,412,304	\$0.005300	505,685
5	TCA, per kW		0		0	\$0.000000	0
6	Margin Total						\$3,161,742
7	Base Power		95,412,304		95,412,304	\$0.053290	\$5,084,522
8	PPFAC Revenue						0
9	Total Fuel Revenue						\$5,084,522
10	Total Large General Service						\$8,246,263
<b>FORMALLY LPS 3 TOU &lt;89KV</b>							
<b>LARGE GENERAL SERVICE TIME</b>							
11	Basic Service Charge	\$1,200.00	24	\$28,800	24	\$300.00	\$7,200
12	Demand Charge, per kW	\$22.00	33,511	737,242	33,511	\$12.88	431,622
13	Power Factor Adjustment			79,046			0
14	Energy Charge, per kWh	\$0.000462	15,418,264	\$7,123	15,418,264	\$0.005300	\$81,717
15	TCA, per kW	\$0.432900	0	0	0	\$0.000000	0
16	Margin Total			\$852,211			\$520,538
17	Base Power		1,259,777	\$181,119	1,259,777	\$0.143771	\$181,119
18	Summer On-peak	\$0.143771	6,623,822	255,680	6,623,822	\$0.038600	255,680
19	Summer Off-peak	\$0.038600	1,200,529	167,930	1,200,529	\$0.139880	167,930
20	Winter On-peak	\$0.139880	6,334,135	\$221,232	6,334,135	\$0.034927	\$221,232
21	Winter Off-peak	\$0.034927					0
22	PPFAC Revenue						\$825,961
23	Total Fuel Revenue						\$825,961
24	Total Large General Service TOU			\$1,678,173			\$1,346,500

UNS ELECTRIC, INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>LARGE POWER SERVICE 3-69 kV</b>							
1	Basic Service Charge	\$1,200.00	84	\$100,800			MOVED TO NEW LARGE GENERAL SERVICE RATE SCHEDULE
2	Demand Charge, per kW	\$22.00	125,432	2,759,504			
3	Power Factor Adjustment			94,842			
4	Energy Charge, per kWh	\$0.000462	58,092,107	26,839			
5	Primary Discount			-20,808			
6	TCA, per kW	\$0.4329	0	0			
7	Margin Total			\$2,961,177			
8	Base Power	\$0.053290	58,092,107	\$3,095,728			
9	PPFAC Revenue	Varies by Month		0			
10	Total Fuel Revenue			\$3,095,728			
11	Total Large Power Service Distribution			<u>\$6,056,905</u>			
<b>LARGE POWER SERVICE 3 TOU -69 kV</b>							
12	Basic Service Charge	\$1,200.00	24	\$28,800			MOVED TO NEW LARGE GENERAL SERVICE TOU RATE SCHEDULE
13	Demand Charge, per kW	\$22.00	33,511	737,242			
14	Power Factor Adjustment			79,046			
15	Energy Charge, per kWh	\$0.000462	15,418,264	7,123			
16	TCA, per kW	\$0.432900	0	0			
17	Margin Total			852,211			
18	Base Power						
19	Summer On-peak	\$0.143771	1,259,777	\$181,119			
20	Summer Off-peak	\$0.038600	6,623,822	253,680			
21	Winter On-peak	\$0.139880	1,200,529	167,930			
22	Winter Off-peak	\$0.034927	6,334,135	\$221,232			
23	PPFAC Revenue	Varies by Month		0			
24	Total Fuel Revenue			\$825,961			
25	Total Large Power Service Distribution TOU			<u>\$1,678,173</u>			

UNS ELECTRIC, INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>LARGE POWER SERVICE 5-69 kV</b>							
1	Basic Service Charge	\$1,200.00	48	\$57,600		\$1,500.00	\$72,000
2	Demand Charge, per kW	\$17.00	171,949	2,923,133		\$12.48	2,145,924
3	Power Factor Adjustment			168,249			168,249
4	Energy Charge, per kWh	\$0.000462	92,765,274	42,858		\$0.000500	46,383
5	TCA, per kW	\$0.432900	0	0		\$0.0000	0
6	Margin Total			3,191,840			2,432,555
7	Base Power			\$0			\$0
8	PPFAC Revenue			0			0
9	Total Fuel Revenue			\$4,264,913			\$4,254,913
10	Total Large Power Service Transmission			<u>\$7,446,752</u>			<u>\$6,687,468</u>
<b>LARGE POWER SERVICE 5 TOU &gt;69 kV</b>							
11	Basic Service Charge	\$1,200.00					
12	Demand Charge, per kW	\$17.00					
13	Energy Charge, per kWh	\$0.000462					
14	TCA, per kW	\$0.432900					
15	Margin Total						
16	Base Power						
17	Summer On-peak	\$0.125200					
18	Summer Off-peak	\$0.033410					
19	Winter On-peak	\$0.092110					
20	Winter Off-peak	\$0.030410					
21	PPFAC Revenue						0
22	Total Fuel Revenue			0			\$0
23	Total Large Power Service Distribution TOU			<u>\$0</u>			<u>\$0</u>

Included Above

UNS ELECTRIC, INC.  
TEST PERIOD ENDING DECEMBER 31, 2014  
REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>DUSK TO DAWN</b>							
1	Customers		28,657				
2	New 30' Wood Pole (Class 6) - Overh	\$4.34	8,574	\$37,211		\$4.34	\$37,211
3	New 30' Metal or Fiberglass - Overhe	\$8.66	5,828	50,479		\$8.66	50,479
4	Existing Wood Pole - Underground	\$2.18	372	811		\$2.18	811
5	New 30' Wood Pole (Class 6) - Unde	\$6.52	176	1,148		\$6.52	1,148
6	New 30' Metal or Fiberglass - Underg	\$10.81	2,699	29,182		\$10.81	29,182
7	Wattage, per Watt	\$0.051681	7,490,460	\$387,114		\$0.058707	\$439,739
8	Total Margin Revenue			\$505,944			\$558,569
9	Base Power	\$0.014505	2,827,250	\$41,009		\$0.014505	\$41,009
10	PPFAC Revenue			0			0
11	Total Fuel Revenue			\$41,009			\$41,009
12	<b>TOTAL LIGHTING REVENUE</b>			<b>\$546,954</b>			<b>\$599,578</b>

<b>TOTAL COMPANY SALES &amp; REVENUES</b>		
13	TOTAL SALES (kWh)	1,600,809,167
14	TOTAL MAGIN REVENUE	\$84,468,642
15	TOTAL FUEL	85,597,698
16	<b>TOTAL INDUSTRIAL &amp; MINE REVENUE</b>	<b>\$170,066,340</b>

**RIDER R-5 ELECTRIC SERVICE SOLAR RIDER (BRIGHT ARIZONA COMMUNITY SOLAR™)**

17	Residential Electric, Rate R-01	\$0.084510	\$0.074040
18	General Service, Rate SGS-10	\$0.078241	\$0.077531
19	Medium General Service, R-MGS	\$0.075603	\$0.068397

UNS ELECTRIC, INC.  
 TEST PERIOD ENDING DECEMBER 31, 2014  
 REVENUE PROOF 2-PART TRANSITION RATES TO 3-PART PART DEMAND RATES

LINE NO.	Rate Schedule	CURRENT RATES	ADJUSTED BILLING DETERMINANTS	TEST YEAR ADJUSTED REVENUE	NEW BILLING DETERMINANTS	PROPOSED RATES	COMPANY PROPOSED REVENUES
<b>FOLLOWING RATE SCHEDULES HAVE NO SUBSCRIBERS</b>							
<b>MEDIUM GENERAL SERVICE TIME OF USE SCHOOLS (FORMALLY SMALL GENERAL SERVICE SCHOOL)</b>							
20	Basic Service Charge, per Month	\$16.50				\$100.00	
21	Demand Charge, per kW	\$0.00				\$13.47	
22	Energy Charge, per kWh					\$0.005480	
23	0-400	\$0.030176					
24	401-7,500	\$0.043176					
25	Over 7,500	\$0.076042					
26	Base Power					\$0.120586	
27	Summer On-peak	\$0.137405				\$0.039200	
28	Summer Off-peak	\$0.047405				\$0.106747	
29	Winter On-peak	\$0.137405				\$0.037390	
30	Winter Off-peak	\$0.039185					
<b>LARGE GENERAL SERVICE TIME OF USE SCHOOLS</b>							
31	Basic Service Charge, per Month	\$52.00				\$300.00	
32	Demand Charge, per kW	\$12.81				\$12.88	
33	Energy Charge, per kWh	\$0.005470				\$0.005300	
34	Base Power					\$0.148471	
35	Summer On-peak	\$0.120586				\$0.043300	
36	Summer Off-peak	\$0.045586				\$0.144580	
37	Winter On-peak	\$0.120586				\$0.039627	
38	Winter Off-peak	\$0.031868					