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RECEIVED

APPLICATION OF SOUTHWESTERN §  
ELECTRIC POWER COMPANY FOR §  
AUTHORITY TO CHANGE RATES §  
BEFORE THE STATE OFFICE  
OF  
ADMINISTRATIVE HEARINGS

**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO NUCOR STEEL  
LONGVIEW, LLC'S THIRD REQUEST FOR INFORMATION**

**FEBRUARY 22, 2021**

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**Files provided electronically on the PUC Interchange**

- ☐ NUCOR 3-21 Attachment 1 (Schedule P-6 Unit Cost Changes).xlsx
- ☐ Nucor\_3-4\_Attachment 1 (EXHIBIT\_JLJ-1\_Revenue\_Distribution\_2020).xlsx
- ☐ Nucor\_3-19\_Attach\_1\_(2020\_SWPCO\_Distribution\_Plant\_Study\_08-06-20\_final).xlsx

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**Question No. Nucor 3-1:**

Please refer to Schedule Q-7. For each Commercial and Industrial rate class or subclass listed, provide the following test year information for (1) the five smallest customers in terms of annual test year charges billed, (2) the five largest customers in terms of annual test year charges billed, (3) the average customer in terms of annual test year charges billed, and (4) the median customer in term of annual test year charges billed:

- a. Monthly Energy (kwh) used,
- b. Monthly Metered Peak Demand,
- c. Monthly Billing Demand,
- d. Monthly Base Rate Charges,
- e. Monthly Total Charges Billed,
- f. Voltage Level of Service, and
- g. Any available Interval Demand Data.

Provide the responses to this RFI in a working electronic file, preferably in Excel. In addition, Nucor is not requesting the name or identity of any customer, so label customers as Customer A, Customer B, etc.

**Response No. Nucor 3-1:**

The Company has not done this analysis and this would require a new work product.

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Sponsored By: Jennifer L. Jackson

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**Question No. Nucor 3-2:**

Please compare Schedule Q-7 with SWEPCO's Schedule Q-7 filed in Docket No. 46449. Explain why SWEPCO is proposing different major customer classes or rate class groupings in this case as compared to Docket No. 46449 for purposes of developing SWEPCO's proposed revenue distribution. Provide copies of all supporting studies, documents and workpapers.

**Response No. Nucor 3-2:**

The differences in the revenue distribution provided in each case include the combinations of rate classes within the commercial and industrial major class, while the residential, municipal, and lighting classes are the same between the cases. SWEPCO is proposing different major rate customer classes based on the results of the equalized class revenue requirements and rate design adjustments in this case. The rate design adjustments include structural changes that affect the General Service and Lighting & Power rate classes that result in possible migration between the rate classes. Also, in this case, creating a major rate class consisting of all of the Commercial and Industrial rate classes enabled the sharing of the total rate change among more classes in order to moderate high impacts of the Cotton Gin, LLP Trans, Oilfield and the General Service non demand class.

The supporting documents include the Class Cost-of-Service study (the P Schedules) and supporting workpapers, the testimony supporting the cost of service and rate design (Aaron and Jackson) and supporting testimony exhibits.

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**Question No. Nucor 3-3:**

Please provide in a usable electronic file, the customer data files used to prepare Schedule Q-5.1.

**Response No. Nucor 3-3:**

Please see NUCOR\_3-3\_HS Attachment\_1 for the customer data used to prepare Schedule Q-5.1.

The attachment responsive to this request is HIGHLY SENSITIVE under the terms of the Protective Order. Due to current restrictions associated with COVID-19, this information is being provided electronically and a secure login to access the information will be provided upon request to individuals who have signed the Protective Order Certification.

Prepared By: Bryan J. Coffey

Title: Load Research Analyst Sr

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**Question No. Nucor 3-4:**

Please refer to page 6 of the direct testimony of SWEPCO witness Jennifer Jackson. Provide working Excel files, with all formulas and links intact, of Exhibit JLJ-1.

**Response No. Nucor 3-4:**

Please see Nucor 3-4 Attachment 1(provided electronically on the PUC Interchange) for the electronic version of EXHIBIT JLJ-1 Revenue Distribution.

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**Question No. Nucor 3-5:**

Please refer to page 7, lines 1 and 2, of the direct testimony of SWEPCO witness Jennifer Jackson. Explain what is meant by the sentence, "Customers are grouped together by similar usage patterns." Include in the explanation which usage patterns were considered and discuss how "similar" was determined. Also, state what these customer groups are used for, e.g., the rate classes.

**Response No. Nucor 3-5:**

Page 7 of Ms. Jackson's rate design testimony provides a description of the current rate schedules. The current rate schedules provide service based on voltage level, size, and end use. The noted sentence on page 7, lines 1 and 2, of Ms. Jackson's direct testimony refers to SWEPCO's rate schedules offered based on seasonality, voltage level, and size and based on specific end-uses such as metal melting, oilfield, municipal services, lighting, and cotton gin.

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**Question No. Nucor 3-6:**

Please refer to page 7, line 1, of the direct testimony of SWEPCO witness Jennifer Jackson. Please define the phrase "use of the system" as used in the sentence. Also, explain how "use of the system" was used to determine the rate schedule customer classes.

**Response No. Nucor 3-6:**

The phrase "use of system" generally refers to the specific language found in the Availability and Character of Service clauses in each rate schedule. For example, the Availability clause of the Metal Melting Service 69 kV or Higher state that the service is available at transmission service only to electric furnaces with demands of not less than 500 kVA.

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**Question No. Nucor 3-7:**

Please refer to page 6, line 20, of the direct testimony of SWEPCO witness Jennifer Jackson. Explain how “energy usage level” was used to determine the rate schedule customer classes.

**Response No. Nucor 3-7:**

Energy usage level refers to the amount of energy used by customers and is part of the list of characteristics that differentiate the current rate schedules.

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**Question No. Nucor 3-8:**

Please refer to the sentence on page 7, lines 8 though 11, of the direct testimony of SWEPCO witness Jennifer Jackson. As used in that sentence, are the phrases "rate schedule," "customer class" and "class of customers," synonymous? If not, explain and define each phrase as used in that sentence.

**Response No. Nucor 3-8:**

No, the phrases are not synonymous. A rate schedule defines the rates and terms of service under which a group of customers take electric service from the Company. An example is the Lighting & Power Service Rate Schedule. The phrase "customer class" refers to the customers taking service under a type of end-use service, such as commercial. The phrase "class of customers" refers to the customers taking service under a rate schedule under different rates or terms. An example is Lighting and Power Secondary or Primary Voltage Service. The Lighting & Power Rate Schedule provides service to the commercial class and includes a secondary and a primary class of customers.

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**Question No. Nucor 3-9:**

Please refer to the sentence on page 7, lines 5 through 8, of the direct testimony of SWEPCO witness Jennifer Jackson. Explain why SWEPCO does not use seasonal demand charges to recover costs that vary with the capacity requirements of SWEPCO's customers.

**Response No. Nucor 3-9:**

SWEPCO applies demand ratchets within the minimum monthly bill to recover costs that vary with capacity requirements. SWEPCO incorporates seasonal or time-of-day demand charges in several of its rate schedules for specialty services, including Electric Furnace Service, Metal Melting Service, and Cotton Gin Off Peak Lighting & Power Service and offers two service riders that define on and off demands based on peak and off peak hours of use (Off Peak Rider for LP, LLP, MMS) or seasonal demand usage (Rider C-2 for GS, LP, MS).

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**Question No. Nucor 3-10:**

Please refer to page 8, lines 2 through 7, of the direct testimony of SWEPCO witness Jennifer Jackson. Please explain why SWEPCO does not include a rate design goal to move all rate classes closer to an equalized rate of return.

**Response No. Nucor 3-10:**

SWEPCO recognizes that several individual classes would have bill impacts several times the system average increase if all rate classes were moved to an equalized return. The proposed major rate classes achieve the stated goal and most of the rate classes within the major rate classes move closer to an equalized return based on a comparison of the at present and at proposed relative rates of return found on EXHIBIT JLJ-1, the proposed revenue distribution. Please see SWEPCO's response to Commission Staff's Eighth, question number 8-11 for a relative rate of return comparison by rate class.

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**Question No. Nucor 3-11:**

Please refer to page 10, lines 16 through 21, of the direct testimony of SWEPCO witness Jennifer Jackson. Please describe and define the phrase "similarly-situated customers" and explain how SWEPCO determined which rate classes had similarly-situated customers.

**Response No. Nucor 3-11:**

The phrase "similarly-situated" customers refers to (1) customers that have commercial and industrial end uses, and (2) customers within commercial and industrial classes that have opportunities to choose service between multiple rate schedules.

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**Question No. Nucor 3-12:**

Please refer to page 10, line 22, to page 11, line 2, of the direct testimony of SWEPCO witness Jennifer Jackson. Please provide a copy of all SWEPCO cost of service studies filed at the Commission that support the claim that the class cost-of-service study results for rate classes with few customers had unusual outcomes. In addition, describe what is meant by unusual outcomes. Also, identify in each class cost-of-service study provided to support this claim the unusual outcomes referred to in that sentence.

**Response No. Nucor 3-12:**

SWEPCO, as well as TIEC through its participation in SWEPCO's dockets, has recognized that having few customers in a class can result in unusual circumstance in load from year to year. Please also see Finding of Facts 287 - 290 of the Final Order In Docket No. 40443.

Unusual outcomes generally refers to the result of abnormal operating levels or different load and service characteristics that can occur from year to year in rate classes that have few numbers of customers, making the class more susceptible to swings in cost allocation results. These rate classes include Large Lighting & Power and Metal Melting Distribution and Transmission Service, and Cotton Gin Service. The low numbers of customers and operating levels are reflected in the class cost-of-service study. If the unusual operating levels are reflected in the test year, considering the rate class with few customers on a stand-alone basis can skew the results from rate case to rate case causing unstable fluctuations in rates based on abnormalities. Considering the commercial and industrial class in the aggregate can alleviate the fluctuations, moderate bill impacts, and promote stability. The variation in load characteristics can be seen in SWEPCO's prior rate case dockets, 37364, 40443, and 46449, in the load research demand studies, the associated allocation factors, the billing determinants, and the class cost-of-service studies at an equalized return.

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**Question No. Nucor 3-13:**

Please refer to page 11, lines 4 through 9, of the direct testimony of SWEPCO witness Jennifer Jackson. Please explain how grouping the Commercial and Industrial customer classes into one large rate class facilitates "sustainable migration" among the customer classes within a family of rate options. Provide a copy of all studies, analyses, and other documents which support this claim of sustainable migration.

**Response No. Nucor 3-13:**

The term "sustainable migration" means that customers within the commercial and industrial major rate class have multiple rate service options and migration opportunities do not get out of line by applying the combined commercial and industrial average rate change within the rate classes included in the major class. The documents that support the claim include the proposed revenue distribution and corresponding rate design and the proposed tariff.

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**Question No. Nucor 3-14:**

Please explain why SWEPCO believes it is important for the proposed rate design to facilitate sustainable migration among customer classes within a family of rate options. In addition, for the one large Commercial and Industrial customer class SWEPCO uses for revenue distribution purposes, identify for each rate class the other rate classes that customers might migrate to.

**Response No. Nucor 3-14:**

There are opportunities for customers to move to different rate schedules within the commercial and industrial rate classes. Commercial and industrial rates are design as a family of options, meaning the design of rates for individual rate classes are tied to the design of other rate classes. It is important to consider the level of rate increase applied to those rate classes that are designed to have migration opportunities in order to promote rate and revenue stability between rate cases. If the rate changes are not carefully considered and calibrated among rates with migration opportunities, customer consumption decisions may be distorted causing class revenues to become unpredictable and unstable between rate cases.

General Service customers and Lighting & Power customers served at secondary voltage share rate migration opportunities. Metal Melting customers have the opportunity to migrate to Large Lighting & Power. The specialty industrial rates, including Cotton Gin and Oilfield, can migrate to General Service or Lighting & Power.

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**Question No. Nucor 3-15:**

Please identify all rate classes where the proposed rates will recover costs that exceed their allocated cost of service. For the customers in each rate class identified, also list the rate classes that those customers can migrate to.

**Response No. Nucor 3-15:**

The rate classes that exceed the equalized cost to serve based on the proposed rate design are General Service, Lighting & Power, Metal Melting Service 69 kV or Higher, and Municipal Service. General Service has the option of taking service under the Lighting & Power rate schedule; Lighting & Power has the option of taking service under General Service or Large Lighting & Power rate schedule; Metal Melting Service 69 kV can take service under the Large Lighting & Power Transmission rate schedule; and Municipal Service has the option of taking service under General Service or Lighting & Power Rate Schedule. Please see SWEPCO's response to Commission Staff's Eighth, question number 8-14, for the percentages above or below cost by rate class.

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**Question No. Nucor 3-16:**

Please provide a working Excel file similar to SWEPCO Exhibit JLJ-1 except using Docket No. 46449 data and the approved rate revenues in that docket instead of the proposed revenues.

**Response No. Nucor 3-16:**

Please see Public Utility Commission of Texas Interchange Filing Search for Docket No. 46449, Item Number 801 for the Commission Number Running Revenue Distribution.

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**Question No. Nucor 3-17:**

Please identify all prior SWEPCO rate cases in which the rate classes LP Primary and Metal Melting Transmission were paying rates that were higher than their allocated cost of service.

**Response No. Nucor 3-17:**

Metal Melting - Docket Nos. 37364, 40443, and 46449.

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**Question No. Nucor 3-18:**

Please provide working Excel files of the following Schedules: P-1.1 through P-1.5, P-2, P-3, P-4, P-5, P-6, P-7, P-10, and P-11.

**Response No. Nucor 3-18:**

Please see the filing documents for Schedule P. These were provided in Excel working format.

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**Question No. Nucor 3-19:**

Please refer to Schedule P-1, tabs Dist Sec and Dist Pri. For each distribution plant account, please provide all linked files, workpapers, analyses, computer files, documents and other supporting information used to determine the plant amounts assigned as primary related and secondary related.

**Response No. Nucor 3-19:**

Please see Nucor 3-19 Attachment 1 (provided electronically on the PUC Interchange) for the SWEPCO Distribution Plant Study used to determine plant amounts assigned to primary and secondary.

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**Question No. Nucor 3-20:**

Please refer to Schedule P-6, page 8 of 12. Please explain why and what distribution secondary costs are allocated to the LP Primary rate class. Also, explain why and what distribution primary and distribution secondary costs are allocated to the Metal Melting Transmission customer class.

**Response No. Nucor 3-20:**

The distribution secondary plant costs allocated to the LP Primary rate class are Land (FERC Account 360), Structures and Improvements (FERC Account 361), and Station Equipment (FERC Account 362) and the distribution operations and maintenance expenses associated with these FERC plant accounts. These costs serve all customers and are not specific to secondary or primary service.

Line Transformers (FERC Account 368) are incorrectly allocated to primary service customers in the filed cost-of-service study. Only a portion of this account should be allocated to primary service. This allocation will be corrected in SWEPCO's rebuttal cost-of-service study.

No distribution primary or secondary plant costs are allocated to Metal Melting Transmission customer class.

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**Question No. Nucor 3-21:**

Please refer to Schedule P-6, page 9 of 12. Please explain why the Gen Energy and Gen Demand costs for the LP Primary rate class are higher than the LP Secondary rate class. Please explain why and what Dist Sec costs are allocated to the LP Primary rate class. Please explain why the Tran Demand costs for the Oil Field rate class are negative. Also, confirm that the amounts shown in Metal Melting Transmission column are correct.

**Response No. Nucor 3-21:**

Schedule P-6 (Columns 14 and 15) does not show Gen Energy and Gen Demand costs (i.e., classified revenue requirement) for the LP Primary rate class higher than the LP Secondary rate class.

Please see SWEPCO's response NUCOR 3-20 for the explanation of Dist Sec costs allocated to the LP Primary class.

Tran Demand costs for the Oil Field rate class have been corrected to reflect changes to the Unit Cost summary based on updated calculations in the individual functional cost-of-service worksheets. SWEPCO does not have functional rates (i.e., unbundled rates) to facilitate the calculations required for the individual functional cost-of-service worksheets. The functional cost-of-service worksheets now calculate present and proposed revenues by class based on the overall class cost-of-service study earned and proposed returns. The original filing did not. Please see NUCOR 3-21 Attachment 1 (Schedule P-6\_Unit Cost Changes) for the changes to Schedule P-6 (Unit Cost Analysis) classified revenue requirement and class unit costs at current rates, equalized rates, and proposed rates. Please see NUCOR 3-21 Attachment 2 (Schedule P-6\_Unit Cost Corrected Calculation) for an update schedule. These changes did not affect the overall Texas retail revenue requirement.

The amounts shown for Metal Melting Transmission on Schedule P-6, page 9 of 12, are incorrect due to calculation issues described above.

NUCOR 3-21 Attachment 1 is provided electronically on the PUC Interchange.

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SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	TOTAL TX RETAIL JURISDICTION (1)	TOTAL RESIDENTIAL (2)	TOTAL COMMERCIAL (3)	TOTAL INDUSTRIAL (4)	TOTAL MUNICIPAL (5)	TOTAL LIGHTING (6)
<b>Current</b>						
Gen Energy	32,281,056	10,383,130	14,574,027	6,488,107	425,863	409,929
per kWh	0 00466	0 00479	0 00469	0 00438	0 00490	0 00493
Per kW	1 22	0 78	1 55	2 12	1 34	1 43
Per Cust Month	0	0	0	0	0	-
Gen Demand	146,799,604	62,098,005	63,647,856	18,352,447	1,484,234	1,217,062
per kWh	0 02120	0 02867	0 02049	0 01238	0 01707	0 01463
Per kW	5 56	4 65	6 77	6 00	4 66	4 26
Per Cust Month	66	34	171	1,036	59	-
Tran Demand	66,916,134	26,613,650	26,454,595	12,741,934	616,048	489,907
per kWh	0 00966	0 01229	0 00852	0 00860	0 00708	0 00589
Per kW	2 53	1 99	2 81	4 17	1 93	1 71
Per Cust Month	30	15	71	719	24	-
Dist Pri	46,374,953	19,852,816	22,167,536	2,723,373	642,592	988,636
per kWh	0 00670	0 00917	0 00714	0 00184	0 00739	0 01189
Per kW	1 76	1 49	2 36	0 89	2 02	3 46
Per Cust Month	21	11	59	154	25	-
Dist Sec	32,579,360	15,190,562	15,203,980	921,421	501,302	762,096
per kWh	0 00471	0 00701	0 00489	0 00062	0 00576	0 00916
Per kW	1 23	1 14	1 62	0 30	1 57	2 67
Per Cust Month	15	8	41	52	20	-
Dist Cust	21,552,131	12,981,080	4,573,666	849,499	256,839	2,891,048
per kWh	0 00311	0 00599	0 00147	0 00057	0 00295	0 03476
Per kW	0 82	0 97	0 49	0 28	0 81	10 12
Per Cust Month	10	7	12	48	10	-
Total	346,503,238	147,119,243	146,621,660	42,076,780	3,926,877	6,758,678
per kWh	0 05004	0 06793	0 04720	0 02839	0 04515	0 08126
Per kW	13 11921	11 02167	15 59670	13 75603	12 33176	23 65812
Per Cust Month	155	81	393	2,376	156	-



SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	RESIDENTIAL		COMMERCIAL			
	BASIC (7)	RESI DG (8)	GS W/DEMAND (9)	GS WO/DEMAND (10)	COTTON GIN (11)	GS DG (13)
<b>Current</b>						
Gen Energy	10,373,611	9,519	999,947	313,913	22,646	577
per kWh	0 00479	0 00473	0 00487	0 00473	0 00433	0 00504
Per kW	0 78	0 72	0 75	0 70	1 08	0 68
Per Cust Month	0	0	0	0	0	0
Gen Demand	62,058,681	39,324	6,892,355	1,891,240	35,881	3,655
per kWh	0 02868	0 01953	0 03354	0 02851	0 00686	0 03193
Per kW	4 65	2 99	5 20	4 23	1 71	4 28
Per Cust Month	34	31	54	14	374	61
Tran Demand	26,597,733	15,916	3,005,952	793,770	12,055	1,528
per kWh	0 01229	0 00790	0 01463	0 01197	0 00230	0 01334
Per kW	1 99	1 21	2 27	1 77	0 58	1 79
Per Cust Month	15	13	24	6	126	25
Dist Pri	19,817,502	35,314	2,728,570	961,194	114,719	2,282
per kWh	0 00916	0 01754	0 01328	0 01449	0 02192	0 01993
Per kW	1 49	2 69	2 06	2 15	5 48	2 67
Per Cust Month	11	28	21	7	1,195	38
Dist Sec	15,163,066	27,496	2,101,139	725,382	81,245	1,746
per kWh	0 00701	0 01366	0 01023	0 01094	0 01552	0 01525
Per kW	1 14	2 09	1 58	1 62	3 88	2 05
Per Cust Month	8	22	16	5	846	29
Dist Cust	12,971,932	9,148	1,224,488	996,003	1,708	476
per kWh	0 00600	0 00454	0 00596	0 01502	0 00033	0 00416
Per kW	0 97	0 70	0 92	2 23	0 08	0 56
Per Cust Month	7	7	10	7	18	8
Total	146,982,525	136,718	16,952,452	5,681,502	268,254	10,264
per kWh	0 06793	0 06790	0 08250	0 08565	0 05125	0 08965
Per kW	11 02228	10 40500	12 77925	12 69509	12 81944	12 02892
Per Cust Month	81	109	133	42	2,794	171

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	INDUSTRIAL								
	LIGHT & POWER			LARGE LIGHT & POWER		OILFIELD	METAL MELTING		
	SEC	PRI	DG	PRI	TRAN		PRI	TRANS	SEC
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
<b>Current</b>									
Gen Energy	10,151,414	3,076,508	9,020	725,656	3,537,537	1,704,676	169,906	251,986	9,538
per kWh	0 00470	0 00461	0 00393	0 00441	0 00432	0 00443	0 00451	0 00469	0 00481
Per kW	1 63	2 23	0 95	2 07	2 27	2 26	1 01	1 59	0 45
Per Cust Month	0	0	0	0	0	0	0	0	0
Gen Demand	43,932,843	10,889,524	2,358	2,789,819	9,556,771	4,487,870	436,891	811,534	25,017
per kWh	0 02034	0 01632	0 00103	0 01694	0 01167	0 01167	0 01160	0 01510	0 01261
Per kW	7 06	7 91	0 25	7 95	6 12	5 94	2 60	5 13	1 18
Per Cust Month	411	5,743	18	116,242	132,733	263	6,068	67,628	695
Tran Demand	18,151,311	4,492,630	(2,651)	1,145,877	9,253,813	1,741,554	168,726	333,405	9,742
per kWh	0 00840	0 00674	(0 00116)	0 00696	0 01130	0 00453	0 00448	0 00621	0 00491
Per kW	2 92	3 26	(0 28)	3 27	5 93	2 31	1 00	2 11	0 46
Per Cust Month	170	2,370	(20)	47,745	128,525	102	2,343	27,784	271
Dist Pn	14,692,662	3,658,686	9,423	179,716	54,983	1,905,307	424,318	5,750	56,167
per kWh	0 00680	0 00548	0 00411	0 00109	0 00007	0 00496	0 01126	0 00011	0 02831
Per kW	2 36	2 66	1 00	0 51	0 04	2 52	2 52	0 04	2 65
Per Cust Month	138	1,930	71	7,488	764	111	5,893	479	1,560
Dist Sec	11,149,996	1,140,236	4,237	97,156	38,626	548,092	120,641	4,039	42,411
per kWh	0 00516	0 00171	0 00185	0 00059	0 00005	0 00143	0 00320	0 00008	0 02138
Per kW	1 79	0 83	0 45	0 28	0 02	0 73	0 72	0 03	2 00
Per Cust Month	104	601	32	4,048	536	32	1,676	337	1,178
Dist Cust	1,870,576	375,950	104,466	150,105	325,189	243,007	81,387	43,211	2,973
per kWh	0 00087	0 00056	0 04554	0 00091	0 00040	0 00063	0 00216	0 00080	0 00150
Per kW	0 30	0 27	11 05	0 43	0 21	0 32	0 48	0 27	0 14
Per Cust Month	18	198	791	6,254	4,517	14	1,130	3,601	83
Total	99,948,802	23,633,534	126,852	5,088,328	22,766,919	10,630,505	1,401,868	1,449,925	145,848
per kWh	0 04628	0 03543	0 05529	0 03090	0 02781	0 02765	0 03722	0 02698	0 07352
Per kW	16 07207	17 16684	13 41787	14 50754	14 58016	14 07796	8 33737	9 16620	6 89241
Per Cust Month	936	12,465	961	212,014	316,207	622	19,470	120,827	4,051

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	MUNICIPAL			LIGHTING			
	OILFIELD SEC (23)	PUMPING SERVICE (26)	MUNICIPAL SERVICE (27)	MUNICIPAL LIGHTING (28)	PUBLIC HIGHWAY (29)	PRIVATE AREA LIGHTING (30)	CUST-OWNED LIGHTING (31)
<b>Current</b>							
Gen Energy	88,808	287,841	138,022	129,789	4,341	244,767	31,032
per kWh	0 00429	0 00480	0 00512	0 00499	0 00405	0 00495	0 00463
Per kW	2 02	1 28	1 48	1 45	1 18	1 44	1 36
Per Cust Month	0	0	0	-	-	-	-
Gen Demand	244,545	856,349	627,886	396,155	4,506	737,498	78,903
per kWh	0 01181	0 01427	0 02330	0 01523	0 00421	0 01493	0 01177
Per kW	5 56	3 80	6 74	4 43	1 23	4 34	3 45
Per Cust Month	599	118	35	-	-	-	-
Tran Demand	88,817	344,100	271,948	160,622	949	297,991	30,344
per kWh	0 00429	0 00573	0 01009	0 00618	0 00089	0 00603	0 00453
Per kW	2 02	1 53	2 92	1 80	0 26	1 76	1 33
Per Cust Month	218	47	15	-	-	-	-
Dist Pr	97,134	405,766	236,825	317,026	5,815	592,711	73,084
per kWh	0 00469	0 00676	0 00879	0 01219	0 00543	0 01200	0 01090
Per kW	2 21	1 80	2 54	3 55	1 58	3 49	3 19
Per Cust Month	238	56	13	-	-	-	-
Dist Sec	70,455	314,054	187,248	245,325	3,683	457,940	55,148
per kWh	0 00340	0 00523	0 00695	0 00943	0 00344	0 00927	0 00823
Per kW	1 60	1 39	2 01	2 74	1 00	2 70	2 41
Per Cust Month	173	43	10	-	-	-	-
Dist Cust	3,627	71,745	185,093	1,017,060	11,144	1,839,073	23,771
per kWh	0 00018	0 00120	0 00687	0 03911	0 01041	0 03723	0 00355
Per kW	0 08	0 32	1 99	11 38	3 03	10 83	1 04
Per Cust Month	9	10	10	-	-	-	-
Total	593,386	2,279,855	1,647,022	2,265,978	30,439	4,169,981	292,281
per kWh	0 02866	0 03798	0 06113	0 08714	0 02843	0 08442	0 04360
Per kW	13 50155	10 11821	17 68824	25 35315	8 28779	24 56544	12 77348
Per Cust Month	1,454	313	92	-	-	-	-

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	TOTAL TX RETAIL JURISDICTION (1)	TOTAL RESIDENTIAL (2)	TOTAL COMMERCIAL (3)	TOTAL INDUSTRIAL (4)	TOTAL MUNICIPAL (5)	TOTAL LIGHTING (6)
<b><u>Equalized</u></b>						
Gen Energy	34,624,647	11,090,503	15,646,284	7,017,445	438,960	431,455
per kWh	0 00500	0 00512	0 00504	0 00474	0 00505	0 00519
Per kW	1 31	0 83	1 66	2 29	1 38	1 51
Per Cust Month	0	0	0	0	0	-
Gen Demand	197,580,094	82,204,393	86,592,563	25,639,969	1,649,568	1,493,600
per kWh	0 02854	0 03796	0 02788	0 01730	0 01897	0 01796
Per kW	7 48	6 16	9 21	8 38	5 18	5 23
Per Cust Month	88	45	232	1,448	65	-
Tran Demand	95,817,395	37,123,511	38,181,608	19,195,531	694,518	622,228
per kWh	0 01384	0 01714	0 01229	0 01295	0 00799	0 00748
Per kW	3 63	2 78	4 06	6 28	2 18	2 18
Per Cust Month	43	20	102	1,084	28	-
Dist Pri	57,668,890	24,411,429	27,849,786	3,546,089	700,997	1,160,588
per kWh	0 00833	0 01127	0 00897	0 00239	0 00806	0 01395
Per kW	2 18	1 83	2 96	1 16	2 20	4 06
Per Cust Month	26	13	75	200	28	-
Dist Sec	42,139,032	19,275,978	20,065,103	1,328,108	553,644	916,199
per kWh	0 00609	0 00890	0 00646	0 00090	0 00637	0 01101
Per kW	1 60	1 44	2 13	0 43	1 74	3 21
Per Cust Month	19	11	54	75	22	-
Dist Cust	23,699,483	14,088,098	4,985,278	899,944	262,782	3,463,381
per kWh	0 00342	0 00651	0 00160	0 00061	0 00302	0 04164
Per kW	0 90	1 06	0 53	0 29	0 83	12 12
Per Cust Month	11	8	13	51	10	-
Total	451,529,540	188,193,913	193,320,622	57,627,086	4,300,469	8,087,451
per kWh	0 06521	0 08690	0 06224	0 03889	0 04945	0 09723
Per kW	17 09569	14 09884	20 56424	18 83984	13 50497	28 30937
Per Cust Month	202	103	518	3,254	171	-

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	RESIDENTIAL		COMMERCIAL			
	BASIC (7)	RESI DG (8)	GS W/DEMAND (9)	GS WO/DEMAND (10)	COTTON GIN (11)	GS DG (13)
<u>Equalized</u>						
Gen Energy	11,080,597	9,906	1,056,689	342,930	26,632	614
per kWh	0 00512	0 00492	0 00514	0 00517	0 00509	0 00537
Per kW	0 83	0 75	0 80	0 77	1 27	0 72
Per Cust Month	0	0	0	0	0	0
Gen Demand	82,158,279	46,114	8,689,391	2,807,844	80,562	4,785
per kWh	0 03797	0 02290	0 04229	0 04233	0 01539	0 04179
Per kW	6 16	3 51	6 55	6 27	3 85	5 61
Per Cust Month	45	37	68	21	839	80
Tran Demand	37,104,336	19,175	3,951,204	1,276,728	33,512	2,101
per kWh	0 01715	0 00952	0 01923	0 01925	0 00640	0 01835
Per kW	2 78	1 46	2 98	2 85	1 60	2 46
Per Cust Month	20	15	31	9	349	35
Dist Pri	24,371,632	39,797	3,243,674	1,284,816	206,121	2,799
per kWh	0 01126	0 01977	0 01579	0 01937	0 03938	0 02445
Per kW	1 83	3 03	2 45	2 87	9 85	3 28
Per Cust Month	13	32	25	9	2,147	47
Dist Sec	19,244,465	31,513	2,562,773	1,015,413	163,161	2,210
per kWh	0 00889	0 01565	0 01247	0 01531	0 03117	0 01930
Per kW	1 44	2 40	1 93	2 27	7 80	2 59
Per Cust Month	11	25	20	7	1,700	37
Dist Cust	14,078,459	9,639	1,332,878	1,201,002	2,347	502
per kWh	0 00651	0 00479	0 00649	0 01811	0 00045	0 00438
Per kW	1 06	0 73	1 00	2 68	0 11	0 59
Per Cust Month	8	8	10	9	24	8
Total	188,037,769	156,144	20,836,609	7,928,734	512,336	13,011
per kWh	0 08691	0 07755	0 10140	0 11953	0 09788	0 11363
Per kW	14 10103	11 88345	15 70724	17 71644	24 48374	15 24735
Per Cust Month	103	124	163	58	5,337	217

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	INDUSTRIAL								
	LIGHT & POWER			LARGE LIGHT & POWER		OILFIELD	METAL MELTING		
	SEC	PRI	DG	PRI	TRAN		PRI	TRANS	SEC
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
<u>Equalized</u>									
Gen Energy	10,994,293	3,213,025	12,100	778,403	3,837,798	1,846,421	185,730	256,112	10,406
per kWh	0 00509	0 00482	0 00527	0 00473	0 00469	0 00480	0 00493	0 00477	0 00525
Per kW	1 77	2 33	1 28	2 22	2 46	2 45	1 10	1 62	0 49
Per Cust Month	0	0	0	0	0	0	0	0	0
Gen Demand	61,989,233	12,965,045	55,702	3,749,624	13,545,340	6,309,516	640,253	863,742	36,173
per kWh	0 02870	0 01944	0 02428	0 02277	0 01654	0 01641	0 01700	0 01608	0 01823
Per kW	9 97	9 42	5 89	10 69	8 67	8 36	3 81	5 46	1 71
Per Cust Month	580	6,838	422	156,234	188,130	369	8,892	71,979	1,005
Tran Demand	27,383,432	5,510,166	24,465	1,628,201	14,098,078	2,614,738	266,250	358,083	15,092
per kWh	0 01268	0 00826	0 01066	0 00989	0 01722	0 00680	0 00707	0 00666	0 00761
Per kW	4 40	4 00	2 59	4 64	9 03	3 46	1 58	2 26	0 71
Per Cust Month	256	2,906	185	67,842	195,807	153	3,698	29,840	419
Dist Pri	18,900,515	4,172,316	39,544	237,663	55,003	2,447,377	566,466	5,750	75,243
per kWh	0 00875	0 00625	0 01724	0 00144	0 00007	0 00637	0 01504	0 00011	0 03793
Per kW	3 04	3 03	4 18	0 68	0 04	3 24	3 37	0 04	3 56
Per Cust Month	177	2,201	300	9,903	764	143	7,868	479	2,090
Dist Sec	14,921,067	1,369,248	31,231	127,813	38,641	788,812	183,766	4,040	59,508
per kWh	0 00691	0 00205	0 01361	0 00078	0 00005	0 00205	0 00488	0 00008	0 03000
Per kW	2 40	0 99	3 30	0 36	0 02	1 04	1 09	0 03	2 81
Per Cust Month	140	722	237	5,326	537	46	2,552	337	1,653
Dist Cust	1,955,192	374,962	118,395	156,876	339,718	266,910	85,905	43,658	2,632
per kWh	0 00091	0 00056	0 05161	0 00095	0 00041	0 00069	0 00228	0 00081	0 00133
Per kW	0 31	0 27	12 52	0 45	0 22	0 35	0 51	0 28	0 12
Per Cust Month	18	198	897	6,536	4,718	16	1,193	3,638	73
Total	136,143,732	27,604,763	281,437	6,678,580	31,914,578	14,273,775	1,928,369	1,531,385	199,054
per kWh	0 06304	0 04138	0 12268	0 04056	0 03898	0 03713	0 05119	0 02850	0 10034
Per kW	21 89233	20 05145	29 76919	19 04157	20 43842	18 90274	11 46864	9 68117	9 40678
Per Cust Month	1,274	14,559	2,132	278,274	443,258	835	26,783	127,615	5,529

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	MUNICIPAL			LIGHTING			
	OILFIELD SEC (23)	PUMPING SERVICE (26)	MUNICIPAL SERVICE (27)	MUNICIPAL LIGHTING (28)	PUBLIC HIGHWAY (29)	PRIVATE AREA LIGHTING (30)	CUST-OWNED LIGHTING (31)
<b>Equalized</b>							
Gen Energy	102,574	301,630	137,331	135,519	5,455	256,494	33,987
per kWh	0 00495	0 00502	0 00510	0 00521	0 00510	0 00519	0 00507
Per kW	2 33	1 34	1 47	1 52	1 49	1 51	1 49
Per Cust Month	0	0	0	-	-	-	-
Gen Demand	495,321	1,033,492	616,077	469,755	18,832	888,140	116,873
per kWh	0 02392	0 01722	0 02287	0 01806	0 01759	0 01798	0 01743
Per kW	11 27	4 59	6 62	5 26	5 13	5 23	5 11
Per Cust Month	1,214	142	34	-	-	-	-
Tran Demand	215,090	428,803	265,714	195,806	7,831	370,037	48,554
per kWh	0 01039	0 00714	0 00986	0 00753	0 00732	0 00749	0 00724
Per kW	4 89	1 90	2 85	2 19	2 13	2 18	2 12
Per Cust Month	527	59	15	-	-	-	-
Dist Pri	158,586	467,606	233,391	362,503	14,470	685,546	98,070
per kWh	0 00766	0 00779	0 00866	0 01394	0 01352	0 01388	0 01463
Per kW	3 61	2 08	2 51	4 06	3 94	4 04	4 29
Per Cust Month	389	64	13	-	-	-	-
Dist Sec	125,529	369,474	184,170	286,081	11,440	541,138	77,540
per kWh	0 00606	0 00616	0 00684	0 01100	0 01069	0 01095	0 01157
Per kW	2 86	1 64	1 98	3 20	3 11	3 19	3 39
Per Cust Month	308	51	10	-	-	-	-
Dist Cust	4,245	79,887	182,895	1,213,930	40,964	2,180,587	27,899
per kWh	0 00021	0 00133	0 00679	0 04668	0 03826	0 04414	0 00416
Per kW	0 10	0 35	1 96	13 58	11 15	12 85	1 22
Per Cust Month	10	11	10	-	-	-	-
Total	1,101,345	2,680,892	1,619,577	2,663,593	98,993	4,921,942	402,922
per kWh	0 05319	0 04486	0 06011	0 10243	0 09247	0 09964	0 06010
Per kW	25 05936	11 89805	17 39349	29 80192	26 95338	28 99526	17 60879
Per Cust Month	2,699	368	90	-	-	-	-

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	TOTAL TX RETAIL JURISDICTION (1)	TOTAL RESIDENTIAL (2)	TOTAL COMMERCIAL (3)	TOTAL INDUSTRIAL (4)	TOTAL MUNICIPAL (5)	TOTAL LIGHTING (6)
<b><u>Proposed</u></b>						
Gen Energy	34,650,260	11,090,547	15,718,622	6,969,849	442,159	429,084
per kWh	0 00500	0 00512	0 00506	0 00470	0 00508	0 00516
Per kW	1 31	0 83	1 67	2 28	1 39	1 50
Per Cust Month	16	6	42	394	18	-
Gen Demand	197,911,490	82,201,418	87,548,346	24,981,610	1,717,000	1,463,116
per kWh	0 02858	0 03796	0 02819	0 01686	0 01974	0 01759
Per kW	7 49	6 16	9 31	8 17	5 39	5 12
Per Cust Month	89	45	235	1,410	68	-
Tran Demand	95,412,085	37,121,666	38,642,890	18,310,889	729,079	607,562
per kWh	0 01378	0 01714	0 01244	0 01236	0 00838	0 00730
Per kW	3 61	2 78	4 11	5 99	2 29	2 13
Per Cust Month	43	20	104	1,034	29	-
Dist Pri	57,821,312	24,413,720	28,072,979	3,474,406	718,266	1,141,940
per kWh	0 00835	0 01127	0 00904	0 00234	0 00826	0 01373
Per kW	2 19	1 83	2 99	1 14	2 26	4 00
Per Cust Month	26	13	75	196	28	-
Dist Sec	42,064,501	19,278,031	20,039,195	1,278,668	569,121	899,486
per kWh	0 00608	0 00890	0 00645	0 00086	0 00654	0 01081
Per kW	1 59	1 44	2 13	0 42	1 79	3 15
Per Cust Month	19	11	54	72	23	-
Dist Cust	23,668,760	14,088,052	5,011,400	898,276	281,190	3,389,841
per kWh	0 00342	0 00651	0 00161	0 00061	0 00323	0 04075
Per kW	0 90	1 06	0 53	0 29	0 88	11 87
Per Cust Month	11	8	13	51	11	-
Total	451,528,407	188,193,433	195,033,433	55,913,698	4,456,814	7,931,029
per kWh	0 06521	0 08690	0 06279	0 03773	0 05125	0 09535
Per kW	17 09564	14 09881	20 74644	18 27969	13 99595	27 76183
Per Cust Month	202	103	523	3,157	177	-
kWh	6,923,836,788	2,165,609,056	3,106,154,872	1,481,924,742	86,970,515	83,177,602
NCP	26,411,900	13,348,181	9,400,814	3,058,788	318,436	285,681
Cust	186,253	151,575	31,101	1,476	2,101	-



SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	RESIDENTIAL		COMMERCIAL			
	BASIC (7)	RESI DG (8)	GS W/DEMAND (9)	GS WO/DEMAND (10)	COTTON GIN (11)	GS DG (13)
<b><u>Proposed</u></b>						
Gen Energy	11,080,252	10,294	1,074,393	344,567	24,077	621
per kWh	0 00512	0 00511	0 00523	0 00519	0 00460	0 00543
Per kW	0 83	0 78	0 81	0 77	1 15	0 73
Per Cust Month	6	8	8	3	251	10
Gen Demand	82,148,464	52,953	9,250,459	2,859,580	51,920	5,001
per kWh	0 03797	0 02630	0 04502	0 04311	0 00992	0 04368
Per kW	6 16	4 03	6 97	6 39	2 48	5 86
Per Cust Month	45	42	73	21	541	83
Tran Demand	37,099,183	22,483	4,247,842	1,304,076	19,732	2,210
per kWh	0 01715	0 01117	0 02067	0 01966	0 00377	0 01931
Per kW	2 78	1 71	3 20	2 91	0 94	2 59
Per Cust Month	20	18	33	10	206	37
Dist Pn	24,369,409	44,311	3,404,467	1,303,080	147,533	2,898
per kWh	0 01126	0 02201	0 01657	0 01964	0 02819	0 02531
Per kW	1 83	3 37	2 57	2 91	7 05	3 40
Per Cust Month	13	35	27	10	1,537	48
Dist Sec	19,242,472	35,559	2,706,877	1,031,781	110,653	2,299
per kWh	0 00889	0 01766	0 01317	0 01555	0 02114	0 02007
Per kW	1 44	2 71	2 04	2 31	5 29	2 69
Per Cust Month	11	28	21	8	1,153	38
Dist Cust	14,077,919	10,133	1,366,704	1,212,571	1,938	507
per kWh	0 00651	0 00503	0 00665	0 01828	0 00037	0 00442
Per kW	1 06	0 77	1 03	2 71	0 09	0 59
Per Cust Month	8	8	11	9	20	8
Total	188,017,699	175,734	22,050,742	8,055,654	355,852	13,535
per kWh	0 08690	0 08728	0 10731	0 12144	0 06799	0 11822
Per kW	14 09952	13 37435	16 62249	18 00004	17 00564	15 86221
Per Cust Month	103	139	173	59	3,707	226
kWh	2,163,595,580	2,013,476	205,483,534	66,333,658	5,234,123	114,497
NCP	13,335,042	13,140	1,326,561	447,535	20,926	853
Cust	151,470	105	10,624	11,393	8	5

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	INDUSTRIAL								
	LIGHT & POWER			LARGE LIGHT & POWER		OILFIELD	METAL MELTING		
	SEC	PRI	DG	PRI	TRAN		PRI	TRANS	SEC
	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
<b>Proposed</b>									
Gen Energy	10,918,848	3,346,297	9,817	783,601	3,780,027	1,841,153	183,813	276,865	10,312
per kWh	0 00506	0 00502	0 00428	0 00476	0 00462	0 00479	0 00488	0 00515	0 00520
Per kW	1 76	2 43	1 04	2 23	2 42	2 44	1 09	1 75	0 49
Per Cust Month	102	1,765	74	32,650	52,500	108	2,553	23,072	286
Gen Demand	60,372,263	14,992,972	16,153	3,844,259	12,777,573	6,241,781	615,604	1,126,930	34,956
per kWh	0 02795	0 02248	0 00704	0 02335	0 01561	0 01623	0 01634	0 02097	0 01762
Per kW	9 71	10 89	1 71	10 96	8 18	8 27	3 66	7 12	1 65
Per Cust Month	565	7,908	122	160,177	177,466	365	8,550	93,911	971
Tran Demand	26,553,692	6,510,999	4,340	1,675,957	13,162,208	2,582,150	254,391	484,706	14,507
per kWh	0 01230	0 00976	0 00189	0 01018	0 01608	0 00672	0 00675	0 00902	0 00731
Per kW	4 27	4 73	0 46	4 78	8 43	3 42	1 51	3 06	0 69
Per Cust Month	249	3,434	33	69,832	182,808	151	3,533	40,392	403
Dist Pri	18,523,751	4,674,039	17,213	243,375	54,999	2,427,224	549,239	5,753	73,163
per kWh	0 00858	0 00701	0 00750	0 00148	0 00007	0 00631	0 01458	0 00011	0 03688
Per kW	2 98	3 40	1 82	0 69	0 04	3 21	3 27	0 04	3 46
Per Cust Month	173	2,465	130	10,141	764	142	7,628	479	2,032
Dist Sec	14,583,407	1,592,960	11,218	130,836	38,638	779,862	176,116	4,041	57,643
per kWh	0 00675	0 00239	0 00489	0 00079	0 00005	0 00203	0 00468	0 00008	0 02906
Per kW	2 35	1 16	1 19	0 37	0 02	1 03	1 05	0 03	2 72
Per Cust Month	137	840	85	5,451	537	46	2,446	337	1,601
Dist Cust	1,947,619	373,989	108,073	157,542	336,925	266,022	85,358	45,896	2,669
per kWh	0 00090	0 00056	0 04711	0 00096	0 00041	0 00069	0 00227	0 00085	0 00135
Per kW	0 31	0 27	11 43	0 45	0 22	0 35	0 51	0 29	0 13
Per Cust Month	18	197	819	6,564	4,680	16	1,186	3,825	74
Total	132,899,580	31,491,255	166,814	6,835,571	30,150,371	14,138,194	1,864,519	1,944,192	193,250
per kWh	0 06154	0 04721	0 07271	0 04152	0 03683	0 03677	0 04950	0 03618	0 09742
Per kW	21 37066	22 87450	17 64487	19 48917	19 30860	18 72319	11 08890	12 29087	9 13253
Per Cust Month	1,244	16,609	1,264	284,815	418,755	827	25,896	162,016	5,368
kWh	2,159,638,887	667,056,010	2,294,164	164,644,585	818,720,986	384,472,605	37,667,206	53,731,559	1,983,769
NCP	6,218,788	1,376,697	9,454	350,737	1,561,500	755,117	168,143	158,182	21,161
Cust	8,902	158	11	2	6	1,424	6	1	3

SOUTHWESTERN ELECTRIC POWER COMPANY  
Schedule P-6 Unit Cost Analysis

UNIT COST	MUNICIPAL			LIGHTING			
	OILFIELD SEC (23)	PUMPING SERVICE (26)	MUNICIPAL SERVICE (27)	MUNICIPAL LIGHTING (28)	PUBLIC HIGHWAY (29)	PRIVATEAREA LIGHTING (30)	CUST-OWNED LIGHTING (31)
<b><u>Proposed</u></b>							
Gen Energy	94,078	298,416	143,743	134,195	4,408	256,495	33,987
per kWh	0 00454	0 00497	0 00533	0 00516	0 00412	0 00519	0 00507
Per kW	2 14	1 32	1 54	1 50	1 20	1 51	1 49
Per Cust Month	231	41	8	-	-	-	-
Gen Demand	340,506	992,172	724,828	452,734	5,360	888,150	116,873
per kWh	0 01645	0 01653	0 02690	0 01741	0 00501	0 01798	0 01743
Per kW	7 75	4 40	7 78	5 07	1 46	5 23	5 11
Per Cust Month	835	136	40	-	-	-	-
Tran Demand	136,970	408,924	320,155	187,617	1,350	370,041	48,554
per kWh	0 00662	0 00681	0 01188	0 00721	0 00126	0 00749	0 00724
Per kW	3 12	1 81	3 44	2 10	0 37	2 18	2 12
Per Cust Month	336	56	18	-	-	-	-
Dist Pn	120,652	453,185	265,082	351,989	6,330	685,551	98,069
per kWh	0 00583	0 00755	0 00984	0 01354	0 00591	0 01388	0 01463
Per kW	2 75	2 01	2 85	3 94	1 72	4 04	4 29
Per Cust Month	296	62	15	-	-	-	-
Dist Sec	91,531	356,549	212,571	276,657	4,146	541,143	77,540
per kWh	0 00442	0 00594	0 00789	0 01064	0 00387	0 01095	0 01157
Per kW	2 08	1 58	2 28	3 10	1 13	3 19	3 39
Per Cust Month	224	49	12	-	-	-	-
Dist Cust	3,863	77,989	203,201	1,168,413	12,922	2,180,608	27,898
per kWh	0 00019	0 00130	0 00754	0 04493	0 01207	0 04414	0 00416
Per kW	0 09	0 35	2 18	13 07	3 52	12 85	1 22
Per Cust Month	9	11	11	-	-	-	-
Total	787,601	2,587,234	1,869,580	2,571,604	34,516	4,921,988	402,921
per kWh	0 03804	0 04310	0 06939	0 09889	0 03224	0 09964	0 06010
Per kW	17 92061	11 48239	20 07840	28 77269	9 39774	28 99553	17 60875
Per Cust Month	1,930	355	104	-	-	-	-
kWh	20,704,032	60,026,735	26,943,781	26,004,489	1,070,584	49,398,122	6,704,408
NCP	43,949	225,322	93,114	89,377	3,673	169,750	22,882
Cust	34	607	1,494	-	-	-	-

**SOAH DOCKET NO. 473-21-0538**  
**PUC DOCKET NO. 51415**

**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO NUCOR STEEL  
LONGVIEW, LLC'S THIRD REQUEST FOR INFORMATION**

**Question No. Nucor 3-22:**

On a continuing basis, identify and provide copies of all substantive information (excluding information filed with the Commission) provided by SWEPCO on or after October 14, 2020 to any party to this proceeding regarding SWEPCO's application and/or other documents comprising SWEPCO's request in this case.

**Response No. Nucor 3-22:**

NUCOR has withdrawn this request.

**SOAH DOCKET NO. 473-21-0538  
PUC DOCKET NO. 51415**

**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO NUCOR STEEL  
LONGVIEW, LLC's THIRD REQUEST FOR INFORMATION**

**Question No. Nucor 3-23:**

As used in the direct testimony of SWEPCO witness Jennifer Jackson, define and describe the following phrases:

- a. Customer class,
- b. Rate class,
- c. Groups of customers,
- d. Major classes, and
- e. Class.

**Response No. Nucor 3-23:**

- a. The phrase "customer class" refers to the customers taking service under a type of end-use service, such as commercial.
- b. A rate class is defined as a group of customers taking electric service under the same rate schedule.
- c. The phrase "groups of customers" refers to customers within certain rate classes and/or customer classes.
- d. Major Rate Class is a term used to describe the rate classes combined in the proposed revenue distribution in order to determine the application of the revenue requirement change.
- e. The phrase "class" of customers refers to the customers taking service under a rate schedule under different rates or terms.

Prepared By: Jennifer L. Jackson

Title: Reg Pricing & Analysis Mgr

Sponsored By: Jennifer L. Jackson

Title: Reg Pricing & Analysis Mgr

**SOAH DOCKET NO. 473-21-0538  
PUC DOCKET NO. 51415**

**SOUTHWESTERN ELECTRIC POWER COMPANY'S RESPONSE TO NUCOR STEEL  
LONGVIEW, LLC's THIRD REQUEST FOR INFORMATION**

**Question No. Nucor 3-24:**

On a continuing basis, identify and provide copies of all substantive information (excluding information filed with the Commission) provided by SWEPCO on or after October 14, 2020 to any party to this proceeding regarding SWEPCO's application and/or other documents comprising SWEPCO's request in this case.

**Response No. Nucor 3-24:**

NUCOR has withdrawn this request.