EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPER TO SCHEDULE Q-3 PROPOSED CHANGES IN MISCELLANEOUS CHARGES
SPONSOR: MANUEL CARRASCO
PREPARER: VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

Line No	CC&B Adj Code	Allocator	Miscellaneous Service Charges	Notes	Approved Charge (1)	(a) Charge (#)	(b) Reversal (#)	(c) Net (#)	(d) Amount ($)
						------- January 2020 through December 2020 -------			
1	TXED	CUST	Energy Diversion Charge		$ 294 25	81	3	78	22,951 50
2	TXFRC	DISTR	Facilities Rental Charge (Monthly)		1 0287%	0	0	0	0 00
3	TXMCDF	DISTR	Maintenance of Customer-Dedicated Facility Charge (Monthly)		0 6553%	0	0	0	0 00
4	TXMCOF	DISTR	Maintenance of Customer-Owned Facility Charge (Monthly)		3 2444%	0	0	0	0.00
5	TXMRNOAC	METER	No Access to Meter Charge		$ 12 50	1	0	1	12 50
6	TXMSRC	METER	Meter Seal Replacement Charge		$ 8.75	0	0	0	0.00
7	TXNCC	CUST	New Service Start - No Meter Reading Required		$ 17.75	2,042	16	2,026	35,968.25
8	TXNLSCAH	DISTR	"No Light" Service Call Charge (Non-Standard Rate)		$ 268 25	0	0	0	0 00
9	TXNLSCC	DISTR	"No Light" Service Call Charge (Standard Rate)		$ 28 25	0	0	0	0.00
10	TXNPRC	METER	Non-Pay Reconnect Charge @ Meter - Next Day		$ 36 75	1,052	9	1,043	38,330 25
11	TXNPRCAH	METER	Non-Pay Reconnect Charge @ Meter - Same Day		$ 147 75	2,000	28	1,972	291,363 00
12	TXNPRCPL	DISTR	Non-Pay Reconnect at Pole Charge		$ 142 00	1	0	1	142 00
13	TXNRMSC	OTHER	Non-Routine Miscellaneous Service Charge		3 2444%	0	0	0	0.00
14	TXNSC	METER	New Service Start - No Existing Meter (Standard Rate)		$ 51 25	6,480	14	6,466	331,382 50
15	TXNSCAH	METER	New Service Start - No Existing Meter (Non-Standard Rate)		$ 280 25	1	1	0	0 00
16	TXOCMRC	METER	Out of Cycle Meter Reading Charge		$ 18 75	0	0	0	0.00
17	TXPULSIN	METER	Pulse Metering Equipment Installation		$ 286 25	0	0	0	0.00
18	TXPULSRP	METER	Pulse Metering Equipment Repair		$ 77 25	0	0	0	0.00
19	TXRC	CUST	Returned Payment Charge		$ 28 00	6,460	132	6,328	177,184 00
20	TXRMTRT	METER	Requested Meter Test Charge (Single Phase)		$ 60 75	0	0	0	0.00
21	TXRMTRT3	METER	Requested Meter Test Charge (Three Phase)		$ 95.00	0	0	0	0 00
22	TXSBAC	CUST	Special Billing Analysis Charge		$ 68 50	0	0	0	0 00
23	TXSBHC	CUST	Special Billing History Charge		$ 23 50	7	0	7	164 50
24	TXSSMRR	METER	New Service Start - Meter Reading Required		$ 24 00	67,332	398	66,934	1,606,416 00
25	TXTOHCC	DISTR	Temporary Overhead Connection Charge		$ 160 50	81	1	80	12,840 00
26	TXTUGCC	DISTR	Temporary Underground Connection Charge		$ 160 50	3,761	3	3,758	603,159 00
27	TXUCRNUG	DISTR	Unable to Connect Requested New UG/OH Service		$ 76 75	671	23	648	49,734 00
28	TXMRNOACE	METER	No Access to Meter Charge Enhanced NEW		$ -	0	0	0	0.00
29	TXEDD	CUST	Energy Diversion Charge - Damage NEW		$ -	0	0	0	0.00
30			Total Miscellaneous Charges			89,970	628	89,342	3,169,647 50
31			GL Extract Report			89,970	628	89,342	3,169,647.50
32			Difference			0	0	0	0.00

Notes
(1) From EPE's Rate Schedule No 99 (Miscellaneous Service Charges) pursuant to Docket No 46831 effective July 2017.

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPER TO SCHEDULE Q-3:
SUMMARY COMPARISON OF CURRENT VERSUS PROPOSED MISCELLANEOUS SERVICE CHARGES
SPONSOR: MANUEL CARRASCO
PREPARER. VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

Line	(a) Billing Code	(b) Miscellaneous Charge Description	(c) Notes	(d) D46831 TY Charges (1)	(e) Proposed RY Charges (2)	(f) Difference ($) g = f - e	(g) Change (%) h = g ÷ f
1	TXED	Energy Diversion Charge		$ 294.25	$ 298.50	$ 4.25	1 44%
2	TXFRC	Facilities Rental Charge (Monthly)		1 0287%	1.2405%	$ 0.00	20.59%
3	TXMCDF	Maintenance of Customer-Dedicated Facility Charge (Monthly)		0.6553%	0 5648%	$ (0.00)	-13 81%
4	TXMCOF	Maintenance of Customer-Owned Facility Charge (Monthly)		3.2444%	2.5886%	$ (0.01)	-20.21%
5	TXMRNOAC	No Access to Equipment Charge - Field Activity Required		$ 12.50	$ 29.25	$ 16.75	134.00%
6	TXMSRC	Meter Seal Replacement Charge		$ 8 75	$ 11.00	$ 2.25	25.71%
7	TXNCC	New Service Start - No Field Activity Required		$ 17.75	$ 2.75	$ (15.00)	-84.51%
8	TXNLSCAH	"No Light" Service Call Charge (Non-Standard Rate)		$ 268 25	$ 302.50	$ 34 25	12 77%
9	TXNLSCC	"No Light" Service Call Charge (Standard Rate)		$ 28.25	$ 31.25	$ 3 00	10.62%
10	TXNPRC	Non-Pay Reconnect Charge @ Meter		$ 36.75	$ 35.00	$ (1 75)	-4 76%
11	TXNPRCAH	Non-Pay Reconnect Charge @ Meter - Same Day		$ 147.75	DELETE	$ -	0.00%
12	TXNPRCPL	Non-Pay Reconnect at Pole Charge		$ 142.00	$ 164.25	$ 22 25	15 67%
13	TXNRMSC	Non-Routine Miscellaneous Service Charge		3.2444%	2.5886%	$ (0.01)	-20.21%
14	TXNSC	New Service Start - No Existing Meter (Standard Rate)		$ 51 25	$ 51 25	$ -	0.00%
15	TXNSCAH	New Service Start - No Existing Meter (Non-Standard Rate)		$ 280.25	$ 310.00	$ 29.75	10.62%
16	TXOCMRC	Out of Cycle Meter Reading Charge		$ 18 75	$ 14.25	$ (4.50)	-24.00%
17	TXPULSIN	Pulse Metering Equipment Installation		$ 286.25	$ 285.50	$ (0.75)	-0.26%
18	TXPULSRP	Pulse Metering Equipment Repair		$ 77 25	$ 80 50	$ 3.25	4 21%
19	TXRC	Returned Payment Charge		$ 28.00	$ 22 00	$ (6.00)	-21.43%
20	TXRMTRT	Requested Meter Test Charge (Single Phase)		$ 60.75	$ 72.25	$ 11.50	18 93%
21	TXRMTRT3	Requested Meter Test Charge (Three Phase)		$ 95 00	$ 156 75	$ 61.75	65 00%
22	TXSBAC	Special Billing Analysis Charge		$ 68.50	$ 75.50	$ 7.00	10.22%
23	TXSBHC	Special Billing History Charge		$ 23.50	DELETE	$ -	0 00%
24	TXSSMRR	New Service Start - Field Activity Required		$ 24.00	$ 16.00	$ (8.00)	-33.33%
25	TXTOHCC	Temporary Overhead Connection Charge		$ 160.50	$ 188.00	$ 27.50	17.13%
26	TXTUGCC	Temporary Underground Connection Charge		$ 160.50	$ 188.00	$ 27.50	17.13%
27	TXUCRNUG	Unable to Connect Requested service for Failed Inspection		$ 76.75	$ 79.25	$ 2.50	3.26%
28	TXMRNOACE	No Access to Equipment Charge -Enhanced Field Activity Required NEW		$ -	$ 47 75	$ 47.75	0.00%
29	TXEDD	Energy Diversion with Damage Charge NEW		$ -	$ 474.25	$ 474.25	0.00%

Notes
(1) From EPE's Rate Schedule No 99 (Miscellaneous Service Charges) pursuant to Docket No. 46831 effective July 2017.
(2) From the proposed EPE Rate Schedule No. 99 (Miscellaneous Service Charges) and associated workpapers.

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPER TO SCHEDULE Q-3
CALCULATION OF MISCELLANEOUS SERVICE CHARGES
SPONSOR: MANUEL CARRASCO
PREPARER: VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

OVERHEAD RATES PURSUANT TO EPE PLANT ACCOUNTING OVERHEAD RATES MEMO OF DECEMBER 2019 (6)

Line No.	(a) Description	(b) Notes	(c) Adder (%)	
	APPLICABLE OVERHEAD RATES			
1	Benefits Adder	(1)	45 18%	
2	Stores Adder	(2)	11 98%	
3	Transportation Adder - A	(3)	5 47%	(applicable to any calculation involving benefits and stores)
4	Transportation Adder - B	(4)	9.59%	
5	Administrative & General (A&G) Adder	(5)	1 39%	(applicable to all miscellaneous charge calculations)
6	Engineering & Supervision (E&S) Adder	(5)	10.68%	(not applicable to miscellaneous charge calculations)

NOTES:

(1) Applied to the cash components of total payroll
(2) Applied to store materials used (where applicable).
(3) Applied to total project costs including benefits and store allocations
(4) For job estimates that include labor only (no materials), use a transportation rate of 9 59%
(5) Applied to total project costs including benefits, stores and transportation allocations AS APPLICABLE.
(6) The overhead rates recommended for application to billings and/or estimates effective immediately are presented The rates were computed based on twelve months cost ended December 2019

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPER TO SCHEDULE Q-3.
CALCULATION OF MISCELLANEOUS SERVICE CHARGES
SPONSOR: MANUEL CARRASCO
PREPARER: VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

TXED: ENERGY DIVERSION CHARGE

Line	(a) Description	(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs						
1	Meter Reader	17.81	0.30	20.0		6 00	c x d
2	Investigator Senior - Energy Diversion	36.90	0.62	120.0		74 40	c x d
3	Meter Technician	43 08	0.72	60.0		43.20	c x d
4	Senior Clerk - Meter Reading	19 69	0.33	60.0		19.80	c x d
5	Customer Care Representative	20 95	0.35	60.0		21.00	c x d
6	Total Overhead					164.40	
	Total Stores Costs						
7	Stores-1 (Meter Locking Device)		20.00	1.0		20.00	c x d
8	Stores-2 (Replacement Meter)		0.00	1 0 (A)	Y	0.00	c x d
9	Total Stores					20.00	
	Total Transportation Adder						
10	Overhead Transportation Adder-A	5.47%	reference		N	0.00	if "Y", ((L1:L3) x b
11	Overhead Transportation Adder-B	9.59%	reference		Y	17.21	if "Y", ((L1.L3) x b
12	Total Transportation Adder					17.21	
	Total Overhead Adder Costs						
13	Overhead Benefit Adder	45.18%	reference		Y	74.28	if "Y", then L7 x b
14	Overhead Stores Adder	11.98%	reference		Y	2 40	if "Y", then L10 x b
15	Overhead A&G Adder	1 39%	reference		Y	2.56	if "Y", then (L7+L10) x b
16	Overhead E&S Adder	10.68%	reference		Y	17.56	if "Y", then (L7+L10) x b
17	Total Overhead Adder					96.80	
18	Total Overhead Cost					298.41	L7 + L10 + L13 + L18
19	Proposed Charge					298.50	rounded to nearest $0.25
20	Current Charge					294.25	Docket No. 46831
21	Difference					4 25	L19 - L20

Notes:
(A) Should the tampered meter require replacement, the customer will be separately charged for a replacement meter.

TXFRC: FACILITIES RENTAL CHARGE

Line	(a) Description	(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value (%)	(g) Reference (line # and column letter)
	Description						
1							
2							
3							
4							
5							
6	Proposed Monthly Charge					1.2405%	
7	Current Monthly Charge					1.0287%	Docket 46831
8	Difference					0.2118%	L6 - L7

Notes:

This charge will be calculated and assessed on the reproduction cost of equipment or facilities owned and maintained by the Company (excluding substation facilities) when the Customer elects to rent from the Company rather than own the equipment or facilities

TXMCDF: MAINTENANCE OF CUSTOMER DEDICATED FACILITY CHARGE

Line	(a) Description	(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value (%)	(g) Reference (line # and column letter)
	Description						
1	TX Distribution Property Tax Rate					0.6387%	
2	TX Distribution O&M Rate					2.5886%	
3	TX Distribution Depreciation Rate					2.2003%	
4	Total Fixed Charge Rate					5.4276%	
5	PUCT Assessment Rate					0.1667%	
6	Sum					5.5943%	L4 + L5
7	Combined Effect of TX SIT and FIT Rates					21.1587%	
8	TX Franchise & FIT Rate					1.1837%	L6 x L7
9	Annual Fixed Charge Rate					6.7779%	L6 + L8
10	Months In Year					12	
11	Monthly Fixed Charge Rate					0.5648%	L9 + L10
12	Proposed Monthly Charge					0.5648%	
13	Current Monthly Charge					0.6553%	Docket 46831
14	Difference					-0.0905%	L12 - L13

This charge will be calculated and assessed to recover the cost of the Company's investment in facilities and maintenance dedicated to serve an individual Customer and covered by a Customer Advance for Construction (CAFC) or a Contribution in Aid of Construction (CIAOC) A monthly charge will continue for the term of the CAFC, or five (5) years for CIAOC, with the monthly charge applicable to either the remaining CAFC balance or the Customer's CIAOC balance to the Company, when a Customer requests and the Company agrees to provide Company-owned facilities and equipment dedicated to a single Customer.

TXMCOF. MAINTENANCE OF CUSTOMER OWNED FACILITY CHARGE

Line	(a) Description	(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value (%)	(g) Reference (line # and column letter)
1	Distribution O&M Expense As a Percent of Net Distribution Plant					2.5886%	
2	Proposed Monthly Charge					2.5886%	
3	Current Monthly Charge					3 2444%	Docket 46831
4	Difference					-0 6558%	L2 - L3

This charge will be calculated and assessed to the Customer on the total maintenance costs incurred by the Company and billed to the Customer when a Customer requests and the Company agrees to provide maintenance for Customer-owned facilities and equipment.

TXMRNOAC. NO ACCESS TO METER CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Dispatch Clerk	U	24.55	0 41	5 0		2.05	c x d
2	Field Service Representative	U	28.85	0.48	15.0		7 20	c x d
3	Customer Care Representative - Team Coordinator		28.85	0.48	6.0		2.88	c x d
4	Billing Representative		23.83	0 40	15 0		6 00	c x d
5	Total Overhead						18.13	
	Total Stores Costs							
6	Stores-1			0.00	0 0		0.00	c x d
7	Stores-2			0.00	0 0		0.00	c x d
8	Total Stores						0.00	
	Total Transportation Adder							
9	Overhead Transportation Adder-A		5.47%	reference		N	0.00	if "Y", then(L2+L6) x b
10	Overhead Transportation Adder-B		9.59%	reference		Y	1.00	if "Y", then(L2+L6) x b
11	Total Transportation Adder						1.00	
	Total Overhead Adder Costs							
12	Overhead Benefit Adder		45.18%	reference		Y	8 19	if .Y", then L3 x b
13	Overhead Stores Adder		11.98%	reference		N	0.00	if .Y", then L6 x b
14	Overhead A&G Adder		1.39%	reference		Y	0.10	if "Y", then (L2+L6) x b
15	Overhead E&S Adder		10.68%	reference		Y	1 94	if "Y", then (L3+L6) x b
16	Total Overhead Adder						10 23	
17	Total Overhead Cost						29 36	L3 + L6 + L9 + L14
18	Proposed Charge						29.25	rounded to nearest $0 25
19	Current Charge						12 50	Docket 46831
20	Difference						16.75	L16 - L17

TXMSRC: METER SEAL REPLACEMENT CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Clerk - Meter Reading	U	22 31	0 37	5.0		1.85	c x d
2	Field Service Representative	U	28.85	0.48	6 0		2.88	c x d
3	Dispatch Clerk	U	24.55	0 41	5 0		2 05	
4	Total Overhead						6.78	
	Total Stores Costs							
5	Stores-1			0 00	0 0		0.00	c x d
6	Stores-2			0.00	0 0		0.00	c x d
7	Total Stores						0.00	
	Total Transportation Adder							
8	Overhead Transportation Adder-A		5 47%	reference		N	0.00	if "Y", then (L3+L6) x b
9	Overhead Transportation Adder-B		9 59%	reference		Y	0.40	if "Y", then (L3+L6) x b
10	Total Transportation Adder						0.40	
	Total Overhead Adder Costs							
11	Overhead Benefit Adder		45 18%	reference		Y	3 06	if .Y", then L3 x b
12	Overhead Stores Adder		11.98%	reference		N	0 00	if :Y", then L6 x b
13	Overhead A&G Adder		1.39%	reference		Y	0 09	if "Y", then (L3+L6) x b
14	Overhead E&S Adder		10.68%	reference		Y	0 72	if "Y", then (L3+L6) x b
15	Total Overhead Adder						3.87	
16	Total Overhead Cost						11 05	L3 + L6 + L9 + L14
17	Proposed Charge						11 00	rounded to nearest $0 25
18	Current Charge						8.75	Docket 46831
19	Difference						2.25	L16 - L17

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FOR THE TEST YEAR ENDED DECEMBER 31, 2020

TXNCC: NEW SERVICE - NO METER READING REQUIRED

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	U	20.95	0 35	5 0		1.75	c x d
2	Total Overhead						1.75	
	Total Stores Costs							
3	Stores-1			0.00	0.0		0.00	c x d
4	Stores-2			0.00	0 0		0.00	c x d
5	Total Stores						0.00	
	Total Transportation Adder							
6	Overhead Transportation Adder-A		5.47%	reference		N	0.00	if "Y", then (L3+L6) x b
7	Overhead Transportation Adder-B		9.59%	reference		N	0.00	if "Y", then (L3+L6) x b
8	Total Transportation Adder						0.00	
	Total Overhead Adder Costs							
9	Overhead Benefit Adder		45.18%	reference		Y	0.79	if :Y", then L3 x b
10	Overhead Stores Adder		11.98%	reference		N	0 00	if .Y", then L6 x b
11	Overhead A&G Adder		1.39%	reference		Y	0 02	if "Y", then (L3+L6) x b
12	Overhead E&S Adder		10.68%	reference		Y	0.19	if "Y", then (L3+L6) x b
13	Total Overhead Adder						1.00	
14	Total Overhead Cost						2 75	L3 + L6 + L9 + L14
15	Proposed Charge						2.75	rounded to nearest $0.25
16	Current Charge						17.75	Docket 46831
17	Difference						(15 00)	L16 - L17

TXNLSCAH: "NO LIGHT" SERVICE CALL CHARGE (NON-STANDARD RATE)

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)		(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs								
1	Dispatch / Service Dispatcher	S-49	25.14	0.42	10 0			4.20	c x d
2	Lineman	U	86.16	1.44	120 0	(A)		172.80	c x d
3	Total Overhead							177.00	
	Total Stores Costs								
4	Stores-1			0.00	0.0			0.00	c x d
5	Stores-2			0.00	0.0			0.00	c x d
6	Total Stores							0.00	
	Total Transportation Adder								
7	Overhead Transportation Adder-A		5.47%	reference			N	0.00	if "Y", then (L3+L7) x b
8	Overhead Transportation Adder-B		9 59%	reference			Y	24.06	if "Y", then (L3+L7) x b
9	Total Transportation Adder							24 06	
	Total Overhead Adder Costs								
10	Overhead Benefit Adder		45.18%	reference			Y	79 97	if "Y", then L4 x b
11	Overhead Stores Adder		11.98%	reference			N	0 00	if "Y", then L7 x b
12	Overhead A&G Adder		1.39%	reference			Y	2.46	if "Y", then (L4+L7) x b
13	Overhead E&S Adder		10.68%	reference			y	18.90	if "Y", then (L4+L7) x b
14	Total Overhead Adder							101.33	
15	Total Overhead Cost							302.39	L4 + L7 + L10 + L15
16	Proposed Charge							302.50	rounded to nearest $0 25
17	Current Charge							268.25	Docket 46831
18	Difference							34.25	L17 - L18

Notes:

(A) Per CBA Article V , Section 2.C, call-out time is paid at double the regular, straight-time rate with a 2-hour minimum.

The Non-Standard Rate will be charged when a Customer calls the Company to report "No Lights" and requests Company service personnel be dispatched to Customer premises after Company business hours, or on Saturdays, Sundays and Holidays, and it is determined that the "No Light" condition was caused by a problem in the Customer-owned wiring or equipment on the Customer's side of the point of delivery.

TXNLSCC: "NO LIGHT" SERVICE CALL CHARGE (STANDARD RATE)

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Dispatch / Service Dispatcher	S-49	25.14	0.42	10 0		4.20	c x d
2	Lineman	U	43.08	0.72	20 0		14.40	c x d
3	Total Overhead						18.60	
	Total Stores Costs							
4	Stores-1			0.00	0.0		0.00	c x d
5	Stores-2			0.00	0.0		0.00	c x d
6	Total Stores						0.00	
	Total Transportation Adder							
7	Overhead Transportation Adder-A		5 47%	reference		N	0 00	if "Y", then (L3+L7) x b
8	Overhead Transportation Adder-B		9 59%	reference		Y	2.00	if "Y", then (L3+L7) x b
9	Total Transportation Adder						2.00	
	Total Overhead Adder Costs							
10	Overhead Benefit Adder		45.18%	reference		Y	8.40	if "Y", then L4 x b
11	Overhead Stores Adder		11.98%	reference		N	0 00	if "Y", then L7 x b
12	Overhead A&G Adder		1.39%	reference		Y	0 26	if "Y", then (L4+L7) x b
13	Overhead E&S Adder		10.68%	reference		Y	1.99	if "Y", then (L4+L7) x b
14	Total Overhead Adder						10 65	
15	Total Overhead Cost						31.25	L54 + L7 + L10 + L15
16	Proposed Charge						31 25	rounded to nearest $0.25
17	Current Charge						28.25	Docket 46831
18	Difference						3.00	L17 - L18

The Standard Rate will be charged when a Customer calls the Company to report "No Lights" and requests Company service personnel be dispatched to Customer premises and it is determined that the "No Light" condition was caused by a problem in the Customer-owned wiring or equipment on the Customer's side of the point of delivery.

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
WORKPAPER TO SCHEDULE Q-3:
CALCULATION OF MISCELLANEOUS SERVICE CHARGES
SPONSOR: MANUEL CARRASCO
PREPARER: VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

TXNPRC: NON-PAY RECONNECT CHARGE @ METER - NEXT DAY

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	U	20.95	0 35	7.0		2.45	c x d
2	Dispatch Clerk	U	24.55	0.41	10.0		4.10	c x d
3	Field Service Representative	U	28.85	0.48	15.0 (A)		7.20	c x d
4	Field Service Representative	U	28.85	0.48	15.0 (B)		7.20	c x d
5	Total Overhead						20.95	
	Total Stores Costs							
6	Stores-1			0.00	0 0		0.00	c x d
7	Stores-2			0.00	0.0		0.00	c x d
8	Total Stores						0.00	
	Total Transportation Adder							
9	Overhead Transportation Adder-A		5.47% reference			N	0.00	if "Y", then (L3+L4+L9) x b
10	Overhead Transportation Adder-B		9.59% reference			Y	2.00	if "Y", then (L3+L4+L9) x b
11	Total Transportation Adder						2.00	
	Total Overhead Adder Costs							
12	Overhead Benefit Adder		45 18% reference			Y	9.47	if "Y", then L6 x b
13	Overhead Stores Adder		11.98% reference			N	0.00	if "Y", then L9 x b
14	Overhead A&G Adder		1.39% reference			Y	0.29	if "Y", then (L6+L9) x b
15	Overhead E&S Adder		10.68% reference			Y	2.24	if "Y", then (L6+L9) x b
16	Total Overhead Adder						12.00	
17	Total Overhead Cost						34.95	L6 + L9 + L12 + L17
18	Proposed Charge						35.00	rounded to nearest $0.25
19	Current Charge						36 75	Docket 46831
20	Difference						(1.75)	L19 - L20

Notes:
(A) Disconnection of service during standard EPE business hours.
(B) Scheduled reconnection of service during standard EPE business hours.

TXNPRCAH: NON-PAY RECONNECT CHARGE @ METER - SAME DAY

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)		(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs								
1	Customer Service Representative	U	15.35	0 26	11.0			2.86	c x d
2	Dispatch Clerk - Meter Reading	U	17.00	0 28	10 0			2.80	c x d
3	Field Service Representative	U	22.89	0.38	15.0	(A)		5 70	c x d
4	Field Service Representative	U	34.34	0.57	120.0	(B)		68.40	c x d
5	Customer Care Specialist - Staff	S-52	28.22	0 47	12.0			5.64	c x d
6	Total Overhead							85.40	
	Total Stores Costs								
7	Stores-1			0.00	0 0			0.00	c x d
8	Stores-2			0.00	0.0			0.00	c x d
9	Total Stores							0.00	
	Total Transportation Adder								
10	Overhead Transportation Adder-A		5.47% difference				N	0 00	if "Y", then (L3+L4+L9) x b
11	Overhead Transportation Adder-B		9.59% difference				Y	7.11	if "Y", then (L3+L4+L9) x b
12	Total Transportation Adder							7.11	
	Total Overhead Adder Costs								
13	Overhead Benefit Adder		45.18% difference				Y	38 58	if "Y", then L6 x b
14	Overhead Stores Adder		11.98% difference				N	0.00	if "Y", then L9 x b
15	Overhead A&G Adder		1.39% difference				Y	1.19	if "Y", then (L6+L9) x b
16	Overhead E&S Adder		10.68% difference				N	0.00	if "Y", then (L6+L9) x b
17	Total Overhead Adder							39.77	
18	Total Overhead Cost							132 28	L6 + L9 + L12 + L17
19	Proposed Charge							DELETE	rounded to nearest $0.25
20	Current Charge							147.75	Docket 46831
21	Difference							DELETE	L19 - L20

Notes:
(A) Disconnection of service during standard EPE business hours
(B) Reconnection of service during non-standard EPE business hours

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CALCULATION OF MISCELLANEOUS SERVICE CHARGES
SPONSOR: MANUEL CARRASCO
PREPARER: VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

TXNPRCPL: NON-PAY RECONNECT AT POLE CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	U	20.95	0.35	10.0		3.50	c x d
2	Dispatch / Service Dispatcher	U	25 14	0.42	10.0		4.20	c x d
3	Lineman	U	43.08	0.72	35.0 (A)		25.20	c x d
4	Apprentice 2nd yr	U	32.94	0.55	35.0 (A)		19.25	c x d
5	Lineman	U	43.08	0 72	35.0 (B)		25.20	c x d
6	Apprentice 2nd yr	U	32.94	0 55	35 0 (B)		19.25	c x d
7	Total Overhead						96.60	
	Total Stores Costs							
8	Stores-1			0.00	0.0		0.00	c x d
9	Stores-2			0 00	0.0		0.00	c x d
10	Total Stores						0.00	
	Total Transportation Adder							
11	Overhead Transportation Adder-A		5.47% difference			N	0 00	if "Y", then (L3:L6+L11) x b
12	Overhead Transportation Adder-B		9.59% difference			Y	12 38	if "Y", then (L3:L6+L11) x b
13	Total Transportation Adder						12.38	
	Total Overhead Adder Costs							
14	Overhead Benefit Adder		45.18% difference			Y	43.64	if "Y", then L8 x b
15	Overhead Stores Adder		11.98% difference			N	0.00	if "Y", then L11 x b
16	Overhead A&G Adder		1.39% difference			Y	1.34	if "Y", then (L8+L11) x b
17	Overhead E&S Adder		10.68% difference			Y	10.32	if "Y", then (L8+L11) x b
18	Total Overhead Adder						55.30	
19	Total Overhead Cost						164 28	L8 + L11 + L14 + L19
20	Proposed Charge						164.25	rounded to nearest $0.25
21	Current Charge						142.00	Docket 46831
22	Difference						22.25	L21 - L22

Notes:
(A) A two-person crew is required for disconnection of service at the pole for two attempts.
(B) A two-person crew is required for reconnection of service at the pole for two attempts.

TXNRMSC: NON-ROUTINE MISCELLANEOUS SERVICE CHARGES

Line	(a) Description	(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value (%)	(g) Reference (line # and column letter)
1	Distribution O&M Expense as a Percent of Net Distribution Plant					2.5886%	
2	Proposed Monthly Charge					2.5886%	
3	Current Monthly Charge					3.2444%	Docket 46831
4	Difference					-0.6558%	L2 - L3

This charge will be made in addition to the costs for services performed by the Company at the request of the Customer and upon acceptance of the request by the Company and which are not covered by a specific rate schedule or service charge. The Customer will be charged the reasonable costs incurred in performing the requested service including but not limited to labor, materials, parts, special equipment, transportation, meter testing and related overhead costs

TXNSC: NEW SERVICE - NO EXISTING METER (STANDARD RATE)

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Support - Staff	U	29.09	0 48	10.0		4.80	c x d
2	Dispatch / Service Dispatcher	S-49	25.14	0.42	10 0		4 20	c x d
3	Lineman	U	43.08	0.72	30.0		21.60	c x d
4	Total Overhead						30 60	
	Total Stores Costs							
5	Stores-1			0.00	0.0		0.00	c x d
6	Stores-2			0.00	0.0		0.00	c x d
7	Total Stores						0.00	
	Total Transportation Adder							
8	Overhead Transportation Adder-A		5.47% difference			N	0.00	if "Y", then (L3+L8) x b
9	Overhead Transportation Adder-B		9.59% difference			Y	3.01	if "Y", then (L3+L8) x b
10	Total Transportation Adder						3 01	
	Total Overhead Adder Costs							
11	Overhead Benefit Adder		45.18% difference			Y	13 83	if "Y", then L5 x b
12	Overhead Stores Adder		11.98% difference			N	0 00	if "Y", then L8 x b
13	Overhead A&G Adder		1 39% difference			Y	0.43	if "Y", then (L5+L8) x b
14	Overhead E&S Adder		10 68% difference			Y	3.27	if "Y", then (L5+L8) x b
15	Total Overhead Adder						17.53	
16	Total Overhead Cost						51 14	L5 + L8 + L11 + L16
17	Proposed Charge						51.25	rounded to nearest $0.25
18	Current Charge						51 25	Docket 46831
19	Difference						0.00	L18 - L19

The Standard Rate will be charged when a Customer requests a new account setup and service is scheduled to run service wires for the first time to a new premise or new point of service, set a meter, and do the other work necessary to initiate a new electric service account.

TXNSCAH. NEW SERVICE - NO EXISTING METER (NON-STANDARD RATE)

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Support - Staff	U	29 09	0.48	10.0		4 80	c x d
2	Dispatch / Service Dispatcher	S-49	25 14	0.42	10.0		4 20	c x d
3	Lineman	U	86.16	1 44	120.0 (A)		172.80	c x d
4	Total Overhead						181 80	
	Total Stores Costs							
5	Stores-1			0 00	0.0		0.00	c x d
6	Stores-2			0.00	0.0		0.00	c x d
7	Total Stores						0.00	
	Total Transportation Adder							
8	Overhead Transportation Adder-A		5 47% difference			N	0.00	if "Y", then (L3+L8) x b
9	Overhead Transportation Adder-B		9.59% difference			Y	24.06	if "Y", then (L3+L8) x b
10	Total Transportation Adder						24.06	
	Total Overhead Adder Costs							
11	Overhead Benefit Adder		45 18% difference			Y	82.14	if "Y", then L5 x b
12	Overhead Stores Adder		11.98% difference			N	0.00	if "Y", then L8 x b
13	Overhead A&G Adder		1 39% difference			Y	2 53	if "Y", then (L5+L8) x b
14	Overhead E&S Adder		10.68% difference			Y	19.42	if "Y", then (L5+L8) x b
15	Total Overhead Adder						104.09	
16	Total Overhead Cost						309.95	L5 + L8 + L11 + L16
17	Proposed Charge						310 00	rounded to nearest $0 25
18	Current Charge						280.25	Docket 46831
19	Difference						29 75	L18 - L19

Notes:

(A) Per CBA Article V, Section 2.C, call-out time is paid at double the regular, straight-time rate with a 2-hour minimum.

The Non-Standard Rate will be charged when a Customer requests a new account setup and service as a same-day connection, or any connection requested to be made after Company business hours, or on Saturdays, Sundays and Holidays, and the Company calls out Company service personnel to provide the unscheduled service.

TXOCMR. OUT OF CYCLE METER READING CHARGE.

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	U	20 95	0.35	5.0		1 75	c x d
2	Dispatch Clerk	U	24 55	0.41	5.0		2.05	c x d
3	Field Service Representative	U	28 85	0.48	10 0		4.80	c x d
4	Total Overhead						8 60	
	Total Stores Costs							
5	Stores-1			0.00	0.0		0.00	c x d
6	Stores-2			0.00	0 0		0.00	c x d
7	Total Stores						0.00	
	Total Transportation Adder							
8	Overhead Transportation Adder-A		5 47% difference			N	0.00	if "Y", then (L3+L8) x b
9	Overhead Transportation Adder-B		9.59% difference			Y	0 67	if "Y", then (L3+L8) x b
10	Total Transportation Adder						0 67	
	Total Overhead Adder Costs							
11	Overhead Benefit Adder		45 18% difference			Y	3.89	if "Y", then L5 x b
12	Overhead Stores Adder		11.98% difference			N	0.00	if "Y", then L8 x b
13	Overhead A&G Adder		1.39% difference			Y	0.12	if "Y", then (L5+L8) x b
14	Overhead E&S Adder		10.68% difference			Y	0.92	if "Y", then (L5+L8) x b
15	Total Overhead Adder						4.93	
16	Total Overhead Cost						14 20	L5 + L8 + L11 + L16
17	Proposed Charge						14.25	rounded to nearest $0 25
18	Current Charge						18.75	Docket 46831
19	Difference						(4 50)	L18 - L19

TXPULSIN: PULSE METERING EQUIPMENT INSTALLATION

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($) (min/item)	(d) Function Rate ($) (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Dispatch / Service Dispatcher	U	25.14	0.42	10 0		4.20	c x d
2	Meter Technician	U	43.08	0.72	60.0		43.20	c x d
3	Total Overhead						47.40	
	Total Stores Costs							
4	Stores-1 (Meter Pulse Initiator)			68 00	2.0 (A)		136.00	c x d
5	Stores-2 (Pulse Termination Box)			35.00	1.0		35.00	c x d
6	Total Stores						171.00	
	Total Transportation Adder							
7	Overhead Transportation Adder-A		5.47% difference			Y	17.01	if "Y", then (L3+L8) x b
8	Overhead Transportation Adder-B		9.59% difference			N	0.00	if "Y", then (L3+L8) x b
9	Total Transportation Adder						17.01	
	Total Overhead Adder Costs							
10	Overhead Benefit Adder		45 18% difference			Y	21 42	if "Y", then L4 x b
11	Overhead Stores Adder		11.98% difference			Y	20.49	if "Y", then L8 x b
12	Overhead A&G Adder		1.39% difference			Y	3 04	if "Y", then (L4+L8) x b
13	Overhead E&S Adder		10 68% difference			Y	5 06	if "Y", then L4 x b
14	Total Overhead Adder						50.01	
15	Total Overhead Cost						285.42	L4 + L8 + L11 + L16
16	Proposed Charge						285.50	rounded to nearest $0.25
17	Current Charge						286.25	Docket 46831
18	Difference						(0.75)	L18 - L19

Notes:
(A) Two Pulse Initiators (outputs) required for this metering installation.

TXPULSRP: PULSE METERING CUSTOMER REQUESTED EQUIPMENT REPAIR

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($) (min/item)	(d) Function Rate ($) (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Dispatch / Service Dispatcher	U	25 14	0.42	10.0		4 20	c x d
2	Meter Technician	U	43 08	0 72	60.0		43 20	c x d
3	Total Overhead						47.40	
	Total Stores Costs							
4	Stores-1			0 00	0.0		0.00	c x d
5	Stores-2			0.00	0.0		0.00	c x d
6	Total Stores						0.00	
	Total Transportation Adder							
7	Overhead Transportation Adder-A		5.47% difference			N	0.00	if "Y", then (L3+L7) x b
8	Overhead Transportation Adder-B		9.59% difference			Y	6.01	if "Y", then (L3+L7) x b
9	Total Transportation Adder						6.01	
	Total Overhead Adder Costs							
10	Overhead Benefit Adder		45 18% difference			Y	21.42	if "Y", then L4 x b
11	Overhead Stores Adder		11 98% difference			N	0 00	if "Y", then L7 x b
12	Overhead A&G Adder		1 39% difference			Y	0 66	if "Y", then (L4+L7) x b
13	Overhead E&S Adder		10.68% difference			Y	5.06	if "Y", then (L4+L7) x b
14	Total Overhead Adder						27 14	
15	Total Overhead Cost						80.55	L4 + L7 + L10 + L15
16	Proposed Charge						80.50	rounded to nearest $0.25
17	Current Charge						77.25	Docket 46831
18	Difference						3 25	L17 - L18

TXRC: RETURNED PAYMENT CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	S-52	20 95	0.35	5 0		1.75	c x d
2	Accountant - Associate/Staff	S-52	30.59	0 51	15 0		7.65	c x d
3	Total Overhead						9.40	
	Total Stores Costs							
4	Stores-1 (Deposit Bank Returned Item Charge)			7.00	1 0		7.00	c x d
5	Stores-2			0.00	0.0		0.00	c x d
6	Total Stores						7.00	
	Total Transportation Adder							
7	Overhead Transportation Adder-A		5.47% difference			N	0.00	if "Y", then(L3+L6) x b
8	Overhead Transportation Adder-B		9.59% difference			N	0.00	if "Y", then(L3+L6) x b
9	Total Transportation Adder						0.00	
	Total Overhead Adder Costs							
10	Overhead Benefit Adder		45.18% difference			Y	4.25	if 'Y", then L3 x b
11	Overhead Stores Adder		11.98% difference			N	0 00	if 'Y", then L6 x b
12	Overhead A&G Adder		1.39% difference			Y	0.23	if "Y", then (L3+L6) x b
13	Overhead E&S Adder		10 68% difference			Y	1.00	if "Y", then (L3+L6) x b
14	Total Overhead Adder						5.48	
15	Total Overhead Cost						21.88	L3 + L6 + L9 + L14
16	Proposed Charge						22.00	rounded to nearest $0.25
17	Current Charge						28 00	Docket 46831
18	Difference						(6.00)	L16 - L17

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SPONSOR: MANUEL CARRASCO
PREPARER: VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

TXRMTRT: REQUESTED METER TEST CHARGE (SINGLE PHASE)

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	U	20 95	0 35	10 0		3.50	c x d
2	Dispatch / Service Dispatcher	U	25 14	0.42	10.0		4.20	c x d
3	Meter Technician	U	43.08	0.72	20.0		14.40	c x d
4	Meter Laboratory Specialist	U	44.71	0.75	30.0		22.50	c x d
5	Total Overhead						44.60	
	Total Stores Costs							
6	Stores-1			0 00	0.0		0.00	c x d
7	Stores-2			0 00	0 0		0 00	c x d
8	Total Stores						0.00	
	Total Transportation Adder							
9	Overhead Transportation Adder-A		5.47% difference			N	0 00	if "Y", then (L3+L8) x b
10	Overhead Transportation Adder-B		9 59% difference			Y	2.00	if "Y", then (L3+L8) x b
11	Total Transportation Adder						2 00	
	Total Overhead Adder Costs							
12	Overhead Benefit Adder		45 18% difference			Y	20.15	if "Y", then L5 x b
13	Overhead Stores Adder		11.98% difference			N	0 00	if "Y", then L8 x b
14	Overhead A&G Adder		1.39% difference			Y	0.62	if "Y", then (L5+L8) x b
15	Overhead E&S Adder		10.68% difference			Y	4.76	if "Y", then (L5+L8) x b
16	Total Overhead Adder						25.53	
17	Total Overhead Cost						72.13	L5 + L8 + L11 + L16
18	Proposed Charge						72.25	rounded to nearest $0.25
19	Current Charge						60 75	Docket 46831
20	Difference						11.50	L18 - L19

TXRMTRT3: REQUESTED METER TEST CHARGE (THREE PHASE)

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	U	20.95	0.35	10.0		3.50	c x d
2	Dispatch / Service Dispatcher	U	25 14	0.42	10.0		4.20	c x d
3	Meter Technician	U	43.08	0 72	60.0		43.20	c x d
4	Meter Laboratory Specialist	U	44.71	0.75	60.0		45.00	c x d
5	Total Overhead						95.90	
	Total Stores Costs							
6	Stores-1			0.00	0 0		0.00	c x d
7	Stores-2			0.00	0.0		0.00	c x d
8	Total Stores						0.00	
	Total Transportation Adder							
9	Overhead Transportation Adder-A		5 47% difference			N	0.00	if "Y", then (L3+L8) x b
10	Overhead Transportation Adder-B		9.59% difference			Y	6 01	if "Y", then (L3+L8) x b
11	Total Transportation Adder						6.01	
	Total Overhead Adder Costs							
12	Overhead Benefit Adder		45 18% difference			Y	43 33	if "Y", then L5 x b
13	Overhead Stores Adder		11.98% difference			N	0.00	if "Y", then L8 x b
14	Overhead A&G Adder		1 39% difference			Y	1.33	if "Y", then (L5+L8) x b
15	Overhead E&S Adder		10.68% difference			Y	10.24	if "Y", then (L5+L8) x b
16	Total Overhead Adder						54 90	
17	Total Overhead Cost						156 81	L5 + L8 + L11 + L16
18	Proposed Charge						156.75	rounded to nearest $0.25
19	Current Charge						95.00	Docket 46831
20	Difference						61.75	L18 - L19

TXSBAC: SPECIAL BILLING ANALYSIS CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Financial Analyst - Staff	S-52	38.46	0.64	75.0		48.00	c x d
2	Total Overhead						48.00	
	Total Stores Costs							
3	Stores-1			0.00	0 0		0.00	c x d
4	Stores-2			0.00	0.0		0.00	c x d
5	Total Stores						0.00	
	Total Transportation Adder							
6	Overhead Transportation Adder-A		5.47% difference			N	0.00	if "Y", then (L2+L5) x b
7	Overhead Transportation Adder-B		9 59% difference			N	0.00	if "Y", then (L2+L5) x b
8	Total Transportation Adder						0.00	
	Total Overhead Adder Costs							
9	Overhead Benefit Adder		45 18% difference			Y	21 69	if "Y", then L2 x b
10	Overhead Stores Adder		11 98% difference			N	0.00	if "Y", then L5 x b
11	Overhead A&G Adder		1.39% difference			Y	0 67	if "Y", then (L2+L5) x b
12	Overhead E&S Adder		10.68% difference			Y	5.13	if "Y", then (L2+L5) x b
13	Total Overhead Adder						27 49	
14	Total Overhead Cost						75.49	L2 + L5 + L8 + L13
15	Proposed Charge						75.50	rounded to nearest $0.25
16	Current Charge						68.50	Docket 46831
17	Difference						7 00	L15 - L16

This charge will be made each time a Customer requests and the Company provides a manually prepared special billing analysis or rate comparison for a period exceeding the most recent twelve (12) month period The charge will equal the Company's cost of fulfilling the request, including but not limited to labor, overheads, materials, and data processing expenses, or the minimum charge, whichever is greater.

TXSBHC: SPECIAL BILLING HISTORY CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Analyst Finance - Staff	S-52	28.22	0 47	30.0		14.10	c x d
2	Total Overhead						14.10	
	Total Stores Costs							
3	Stores-1			0.00	0.0		0.00	c x d
4	Stores-2			0.00	0 0		0.00	c x d
5	Total Stores						0.00	
	Total Transportation Adder							
6	Overhead Transportation Adder-A		5.47% difference			N	0.00	if "Y", then (L2+L5) x b
7	Overhead Transportation Adder-B		9.59% difference			N	0.00	if "Y", then (L2+L5) x b
8	Total Transportation Adder						0.00	
	Total Overhead Adder Costs							
9	Overhead Benefit Adder		45.18% difference			Y	6.37	if "Y", then L2 x b
10	Overhead Stores Adder		11.98% difference			N	0.00	if "Y", then L5 x b
11	Overhead A&G Adder		1.39% difference			Y	0.20	if "Y", then (L2+L5) x b
12	Overhead E&S Adder		10.68% difference			N	0.00	if "Y", then (L2+L5) x b
13	Total Overhead Adder						6.57	
14	Total Overhead Cost						20.67	L2 + L5 + L8 + L13
15	Proposed Charge						DELETE	rounded to nearest $0.25
16	Current Charge						23.50	Docket 46831
17	Difference						DELETE	L15 - L16

This charge will be made each time a Customer requests and the Company provides a billing or usage history or analysis for a premises that exceeds the most recent twelve (12) month period. The charge will equal the Company's cost of fulfilling the request, including but not limited to labor, overheads, materials, and data processing expenses, or the minimum charge, whichever is greater.

TXSSMRR: NEW SERVICE START - METER READING REQUIRED

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Representative	U	20.95	0 35	6.0		2.10	c x d
2	Dispatch Clerk	U	24.55	0 41	7 0		2.87	c x d
3	Field Service Representative	U	28.85	0.48	10 0		4.80	c x d
4	Total Overhead						9.77	
	Total Stores Costs							
5	Stores-1			0.00	0.0		0.00	c x d
6	Stores-2			0 00	0.0		0.00	c x d
7	Total Stores						0.00	
	Total Transportation Adder							
8	Overhead Transportation Adder-A		5.47% difference			N	0 00	if "Y", then (L3+L8) x b
9	Overhead Transportation Adder-B		9.59% difference			Y	0 67	if "Y", then (L3+L8) x b
10	Total Transportation Adder						0 67	
	Total Overhead Adder Costs							
11	Overhead Benefit Adder		45 18% difference			Y	4.41	if "Y", then L5 x b
12	Overhead Stores Adder		11.98% difference			N	0 00	if "Y", then L8 x b
13	Overhead A&G Adder		1 39% difference			Y	0 14	if "Y", then (L5+L8) x b
14	Overhead E&S Adder		10 68% difference			Y	1.04	if "Y", then (L5+L8) x b
15	Total Overhead Adder						5.59	
16	Total Overhead Cost						16.03	L5 + L8 + L11 + L16
17	Proposed Charge						16.00	rounded to nearest $0.25
18	Current Charge						24.00	Docket 46831
19	Difference						(8.00)	L18 - L19

TXTOHCC: TEMPORARY OVERHEAD CONNECTION CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)		(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs								
1	Customer Care Support - Staff	U	29 09	0.48	10.0			4 80	c x d
2	Dispatch / Service Dispatcher	S-49	25 14	0 42	10.0			4 20	c x d
3	Lineman	U	43 08	0.72	40.0	(A)		28.80	c x d
4	Apprentice 2nd yr	U	32 94	0.55	40 0	(A)		22.00	c x d
5	Lineman	U	43.08	0 72	40 0	(B)		28.80	c x d
6	Apprentice 2nd yr	U	32 94	0.55	40.0	(B)		22.00	c x d
7	Total Overhead							110.60	
	Total Stores Costs								
8	Stores-1			0.00	0 0			0.00	c x d
9	Stores-2			0 00	0.0			0.00	c x d
10	Total Stores							0.00	
	Total Transportation Adder								
11	Overhead Transportation Adder-A		5 47% difference				N	0.00	if "Y", then (L3:L6+L11) x b
12	Overhead Transportation Adder-B		9 59% difference				Y	14.15	if "Y", then (L3:L6+L11) x b
13	Total Transportation Adder							14.15	
	Total Overhead Adder Costs								
14	Overhead Benefit Adder		45.18% difference				Y	49 97	if "Y", then L8 x b
15	Overhead Stores Adder		11.98% difference				N	0 00	if "Y", then L11 x b
16	Overhead A&G Adder		1.39% difference				Y	1 54	if "Y", then (L8+L11) x b
17	Overhead E&S Adder		10.68% difference				Y	11 81	if "Y", then (L8+L11) x b
18	Total Overhead Adder							63.32	
19	Total Overhead Cost							188.07	L8 + L11 + L14 + L19
20	Proposed Charge							188.00	rounded to nearest $0 25
21	Current Charge							160 50	Docket 46831
22	Difference							27.50	L21 - L22

Notes:
(A) A two-person crew is required for installation of the overhead service
(B) A two-person crew is required for removal of the overhead service

TXTUGCC: TEMPORARY UNDERGROUND CONNECTION CHARGE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)		(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs								
1	Customer Care Support - Staff	U	29.09	0.48	10.0			4.80	c x d
2	Dispatch / Service Dispatcher	S-49	25.14	0.42	10 0			4.20	c x d
3	Lineman	U	43.08	0.72	40.0	(A)		28.80	c x d
4	Apprentice 2nd yr	U	32.94	0.55	40.0	(A)		22.00	c x d
5	Lineman	U	43.08	0.72	40.0	(B)		28 80	c x d
6	Apprentice 2nd yr	U	32.94	0.55	40.0	(B)		22.00	c x d
7	Total Overhead							110.60	
	Total Stores Costs								
8	Stores-1			0.00	0.0			0 00	c x d
9	Stores-2			0.00	0.0			0.00	c x d
10	Total Stores							0.00	
	Total Transportation Adder								
11	Overhead Transportation Adder-A		5.47% difference				N	0.00	if "Y", then (L3·L6+L11) x b
12	Overhead Transportation Adder-B		9.59% difference				Y	14 15	if "Y", then (L3·L6+L11) x b
13	Total Transportation Adder							14.15	
	Total Overhead Adder Costs								
14	Overhead Benefit Adder		45.18% difference				Y	49.97	if "Y", then L8 x b
15	Overhead Stores Adder		11 98% difference				N	0.00	if "Y", then L11 x b
16	Overhead A&G Adder		1 39% difference				Y	1.54	if "Y", then (L8+L11) x b
17	Overhead E&S Adder		10.68% difference				Y	11.81	if "Y", then (L8+L11) x b
18	Total Overhead Adder							63.32	
19	Total Overhead Cost							188.07	L8 + L11 + L14 + L19
20	Proposed Charge							188 00	rounded to nearest $0.25
21	Current Charge							160 50	Docket 46831
22	Difference							27 50	L21 - L22

Notes
(A) A two-person crew is required for installation of the overhead service.
(B) A two-person crew is required for removal of the overhead service.

TXUCRNUG: UNABLE TO CONNECT REQUESTED NEW UNDERGROUND/OVERHEAD SERVICE

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Customer Care Support - Staff	U	29.09	0.48	10.0		4.80	c x d
2	Dispatch / Service Dispatcher	S-49	25.14	0.42	10.0		4.20	c x d
3	Lineman	U	43 08	0 72	30.0 (A)		21.60	c x d
4	Apprentice 2nd yr	U	32.94	0.55	30.0 (A)		16.50	c x d
5	Total Overhead						47.10	
	Total Stores Costs							
6	Stores-1			0.00	0 0		0.00	c x d
7	Stores-2			0.00	0.0		0.00	c x d
8	Total Stores						0.00	
	Total Transportation Adder							
9	Overhead Transportation Adder-A		5.47% difference			N	0 00	if "Y", then (L3.L4+L9) x b
10	Overhead Transportation Adder-B		9.59% difference			Y	5.30	if "Y", then (L3.L4+L9) x b
11	Total Transportation Adder						5.30	
	Total Overhead Adder Costs							
12	Overhead Benefit Adder		45.18% difference			Y	21.28	if "Y", then L6 x b
13	Overhead Stores Adder		11.98% difference			N	0.00	if "Y", then L9 x b
14	Overhead A&G Adder		1.39% difference			Y	0 65	if "Y", then (L6+L9) x b
15	Overhead E&S Adder		10.68% difference			Y	5.03	if "Y", then (L6+L9) x b
16	Total Overhead Adder						26.96	
17	Total Overhead Cost						79.36	L6 + L9 + L12 + L17
18	Proposed Charge						79 25	rounded to nearest $0.25
19	Current Charge						76.75	Docket 46831
20	Difference						2.50	L19 - L20

Notes:
(A) Disconnection of service during standard EPE business hours.

TXMRNOACE: NO ACCESS TO METER CHARGE - ENCHANCED

Line	(a) Description		(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs							
1	Dispatch Clerk	U	24 55	0.41	5.0		2.05	c x d
2	Field Service Representative	U	28.85	0 48	15.0		7.20	c x d
3	Customer Care Representative - Team Cc		28.85	0 48	6.0		2.88	c x d
4	Billing Representative		23.83	0 40	15.0		6.00	c x d
5	Lineman	U	43 08	0.72	15.0		10.80	c x d
6	Total Overhead						28.93	
	Total Stores Costs							
7	Stores-1			0 00	0 0		0.00	c x d
8	Stores-2			0 00	0.0		0.00	c x d
9	Total Stores						0.00	
	Total Transportation Adder							
10	Overhead Transportation Adder-A		5 47%	reference		N	0.00	if "Y", then(L2+L6) x b
11	Overhead Transportation Adder-B		9.59%	reference		Y	2.51	if "Y", then(L2+L6) x b
12	Total Transportation Adder						2.51	
	Total Overhead Adder Costs							
13	Overhead Benefit Adder		45.18%	reference		Y	13 07	if .Y", then L3 x b
14	Overhead Stores Adder		11 98%	reference		N	0 00	if .Y", then L6 x b
15	Overhead A&G Adder		1 39%	reference		Y	0 10	if "Y", then (L2+L6) x b
16	Overhead E&S Adder		10.68%	reference		Y	3 09	if "Y", then (L3+L6) x b
17	Total Overhead Adder						16 26	
18	Total Overhead Cost						47.70	L3 + L6 + L9 + L14
19	Proposed Charge						47.75	rounded to nearest $0.25
20	Current Charge						12 50	Docket 46831
21	Difference						35.25	L16 - L17

TXEDD: ENERGY DIVERSION CHARGE - DAMAGE

Line	(a) Description	(b) Hourly Rate or Adder ($ or %)	(c) Unit Rate ($/min)	(d) Function Rate (min/count)	(e) Apply Adder? (Y / N)	(f) Function Value ($)	(g) Reference (line # and column letter)
	Total Overhead Costs						
1	Meter Reader	17.81	0.30	20.0		6.00	c x d
2	Investigator Senior - Energy Diversion	36.90	0.62	120.0		74.40	c x d
3	Meter Technician	43.08	0.72	60 0		43.20	c x d
4	Senior Clerk - Meter Reading	19.69	0.33	60.0		19.80	c x d
5	Customer Care Representative	20.95	0.35	60.0		21.00	c x d
6	Total Overhead					164.40	
	Total Stores Costs						
7	Stores-1 (Meter Locking Device)		155.00	1 0		155.00	c x d
8	Stores-2 (Replacement Meter)		20.00	1.0 (A)	Y	20.00	c x d
9	Total Stores					175.00	
	Total Transportation Adder						
10	Overhead Transportation Adder-A	5.47%	reference		N	0.00	if "Y", ((L1.L3) x b
11	Overhead Transportation Adder-B	9.59%	reference		Y	17.21	if "Y", ((L1·L3) x b
12	Total Transportation Adder					17.21	
	Total Overhead Adder Costs						
13	Overhead Benefit Adder	45.18%	reference		Y	74.28	if "Y", then L7 x b
14	Overhead Stores Adder	11.98%	reference		Y	20.97	if "Y", then L10 x b
15	Overhead A&G Adder	1.39%	reference		Y	4.72	if "Y", then (L7+L10) x b
16	Overhead E&S Adder	10.68%	reference		Y	17.56	if "Y", then (L7+L10) x b
17	Total Overhead Adder					117.53	
18	Total Overhead Cost					474 14	L7 + L10 + L13 + L18
19	Proposed Charge					474.25	rounded to nearest $0.25
20	Current Charge					294.25	Docket No. 46831
21	Difference					180 00	L19 - L20

Notes:
(A) Should the tampered meter require replacement, the customer will be separately charged for a replacement meter

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
COMPARISON OF MISCELLANEOUS SERVICE CHARGES
SPONSOR: MANUEL CARRASCO
PREPARER: VICTOR SILVA
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

Payroll Rates

Line	Description	Dept	Standard Hourly Rate	Overtime Hourly Rate	Double Time Hourly Rate
1	Accountant - Associate/Staff	Accounting	30 59		
2	Customer Care Support - Staff	Commercial Services	29 09		
3	Financial Analyst - Staff	Commercial Services	38 46		
4	Customer Care Representative	Customer Care	20 95		
5	Customer Care Representative - Team Coordinator	Customer Care	28.85		
5	Apprentice 2nd yr	Distribution Operations	32 94		
6	Dispatch / Service Dispatcher	Distribution Operations	25.14		
7	Lineman	Distribution Operations	43 08	64 62	86.16
8	Meter Laboratory Specialist	Distribution Operations	44.71		
9	Meter Technician	Distribution Operations	43 08		
10	Clerk - Meter Reading	Meter Reading	22.31		
11	Dispatch Clerk	Meter Reading	24 55		
12	Field Service Representative	Meter Reading	28.85	43 28	57.70
13	Investigator Senior - Energy Diversion	Meter Reading	36.90		
14	Meter Reader	Meter Reading	17 81		
15	Senior Clerk - Meter Reading	Meter Reading	19 69		
16	Billing Representative	Billing	23 83		

EL PASO ELECTRIC COMPANY
2021 TEXAS RATE CASE FILING
SCHEDULE Q-4.2 WORKPAPER: JUSTIFICATION OF PROPOSED CHANGES
SPONSOR: MANUEL CARRASCO
PREPARER: MANUEL CARRASCO
FOR THE TEST YEAR ENDED DECEMBER 31, 2020

All justifications have been included in Schedule Q-4.2.

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues	
1		**Rate 1 - Residential Service Rate**				
2		Customer Charge - Non LIR	3,664,944	$10.54	$ 38,628,510	
3		Customer Charge - Low Income Rider	122,932	($10.54)	(1,295,698)	
4		Energy Charge ($/kWh) Summer, First 600 kWh	594,193,276	$0 11827	70,275,239	
5		Energy Charge ($/kWh) Summer, All Other kWh	612,549,542	$0.12827	78,571,730	
6		Energy Charge ($/kWh) Non-Summer	1,272,108,507	$0.09827	125,010,103	
7		Total kWh Sales and Base Rate Revenues	2,478,851,326		$ 311,189,883	
8		DG Minimum Bill		$24 02	529,168	
9		Community Solar Base Credit ($/kWh)	13,004,217	($0.06812)	(885,899)	
10		Total Base Revenues			$ 310,833,152	TRUE
11		**Rate 2 - Small General Service Rate**				
12		Customer Charge	345,180	$12 23	$ 4,221,551	
13		Energy Charge ($/kWh) Summer	115,181,036	$0 11502	13,248,123	
14		Energy Charge ($/kWh) Non-Summer	157,128,073	$0 09502	14,930,309	
15		Total kWh Sales and Base Rate Revenues	272,309,109		$ 32,399,983	
16		DG Minimum Bill		$25 19	763	
17		Community Solar Base Credit ($/kWh)	425,582	($0 06499)	(27,656)	
18		Total Base Revenues			$ 32,373,090	TRUE
19		**Rate 7 - Outdoor Recreational Lighting Service**				
20		Customer Charge	2,532	$25 39	$ 64,287	
21		Energy Charge ($/kWh) - Secondary Voltage	3,639,116	$0 15350	558,604	
22		Energy Charge ($/kWh) - Primary Voltage	37,410	$0.13515	5,056	
23		Total kWh Sales and Base Rate Revenues	3,676,526		$ 627,947	TRUE
24		**Rate 8 - Governmental Street Lighting Service**				
25		MV-OH SYSTEM CO. OWNED - 35' WOOD POLE				
26		175W MV 7,000L - 195W	328	$ 12 57	$ 49,476	
27		250W MV 11,000L - 275W	188	$ 14 35	$ 32,374	
28		400W MV 20,000L - 460W	20	$ 18 44	$ 4,426	
29		OH - HPSV - CO OWNED - WOOD POLE				
30		100W HPS 8,500 L - 35 Ft 124 Watts	1,211	$ 11.93	$ 173,367	
31		150W HPS 14,400 L - 35 Ft 193 Watts	685	$ 12.95	$ 106,449	
32		250W HPS 23,200 L - 35 Ft. 313 Watts	433	$ 15.20	$ 78,979	
33		450W HPS 50,000 L - 50 Ft. 485 Watts	140	$ 21.86	$ 36,725	
34		HPSV - DOWNTOWN E P. AREA CO OWNED - STEEL BASE STANDARD AND LUMINAIRE				
35		450W HPS, 50,000L - OH 485 Watts	84	$ 37 70	$ 38,002	
36		1000W MV 119,500L OH 1,102W	2	$ 43 18	$ 1,036	
37		1000W MV 119,500L UG 1,102W	7	$ 70 49	$ 5,921	
38		MV- OH SYSTEM - CO-OWNED STEEL POLE				
39		400W MV 20,000L - 460W	71	$ 26.37	$ 22,467	
40		(2) 400W MV 20,000L - 920W	9	$ 37 03	$ 3,999	
41		MV - NON CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING				
42		250W MV 11,000L Wall 292W	22	$ 8.96	$ 2,365	
43		400W MV 20,000L - 460W	14	$ 10 88	$ 1,828	
44		MV - NON CO OWNED - WOOD POLE 35'- UG OR OH RESIDENTIAL / -Replace Lamp Only				
45		175W MV 7,000 L - 195 Watts	5	$ 5.85	$ 351	
46		HPSV NON-CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING				
47		150W HPS 16,000 L - Wall 193 Watts	575	$ 8 18	$ 56,442	
48		250W HPS 23,200 L - Wall 313 Watts	94	$ 9 65	$ 10,885	

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues
49		400W HPS 50,000 L - 50 Ft. 485 Watts	1,950	$ 19.10	$ 446,940
50		400W HPS 50,000 L - 150 Ft. Climbing	102	$ 11.99	$ 14,676
51		Tower Structure - 485 Watts Per Lamp			
52		400W HPS 50,000 L - 150 Ft. Lowering	0	$ 15.25	$ -
53		Tower Structure - 485 Watts Per Lamp			
54		40 Ft. Max. Mounting Height 116 Watts	6	$ 3.52	$ 253
55		150 Ft. Tower 116 Watts	3	$ 4.21	$ 152
56		HPSV NON-CO OWNED SYSTEMS LARGE ARTERIAL LIGHTING			
57		250W HPS 23,200 L - 40 Ft. 313 Watts	384	$ 14 55	$ 67,046
58		400W HPS 50,000 L - 50 Ft. 485 Watts	636	$ 16.15	$ 123,257
59		HPSV - NON-CO OWNED - WOOD/STEEL POLE UG OR OH STANDARD RESIDENTIAL SERVICE			
60		100W HPS 8,500L - 124 Watts	4,844	$ 4.34	$ 252,276
61		150W HPS 14,400 L - 193 Watts	0	$ 5.44	$ -
62		250W HPS 23,200 L - 313 Watts	1,897	$ 8.34	$ 189,852
63		HPSV - OH - NON-CO. OWNED FIXTURE - CO OWNED EXISTING WOOD POLE (DISTRIBUTION OR STREET LIGHT) CF or D			
64		100W HPS 8,500L - 124 Watts	2,668	$ 5.86	$ 187,614
65		150W HPS 14,400 L - 193 Watts	2,499	$ 7 08	$ 212,315
66		250W HPS 23,200 L - 313 Watts	888	$ 8 99	$ 95,797
67		(2) 250W HPS 23,200 L - 626 Watts	11	$ 15.98	$ 2,109
68		450W HPS 50,000 L - 485 Watts	52	$ 12.34	$ 7,700
69		ORNAMENTAL HPSV - NON-CO. OWNED, OPERATED & MAINTAINED (ENERGY ONLY)			
70		70W HPS - 82 Watt			$
71		150W HPS - 193 Watt			$
72		175W MH - 210 Watt	489	$ 2 90	$ 17,017
73		250W MH - 295 Watt	21	$ 3.45	$ 869
74		HPS ROADWAY ILLUMINATION COMPANY OWNED (ENERGY ONLY)			
75		100W HPS - 124 Watt	246	$ 1.79	$ 5,284
76		150W HPS - 193 Watt	114	$ 2 78	$ 3,803
77		250W HPS - 313 Watt	1,526	$ 4 45	$ 81,488
78		400W HPS - 485 Watt	2,553	$ 10 63	$ 325,661
79		MV TO LED - OH SYSTEM CO. OWNED - 35' WOOD POLE			
80		175W MV 7,000L - 65W	1,371	$ 9 73	$ 160,078
81		250W MV 11,000L - 100W	64	$ 12.16	$ 9,339
82		400W MV 20,000L - 100W	55	$ 14.43	$ 9,524
83		LED- OH - EXISTING WOOD/STEEL POLE STANDARD RESIDENTIAL COMPANY OWNED (ENERGY ONLY)			
84		65W LED 8,500L OH Existing- 35 ft 65 Watt	122	$ 9.51	$ 13,923
85		95W LED 14,400L OH Existing- 35 ft 95 Watt	0	$ 10 85	$ -
86		125W LED 23,000L OH Existing- 35 ft 116 Watt	34	$ 12 98	$ 5,296
87		400W LED 50,000L OH Existing- 50 ft 159 Watt	0	$ 18 81	$ -
88		LIGHT-EMITTING DIODE ("LED") - ENERGY ONLY			
88		1W-20W LED	0	$ 0 12	$ -
88		21W-30W LED	24	$ 0 44	$ 127
89		31W-40W LED	7,487	$ 0.42	$ 37,734
90		41W-50W LED	135	$ 0 54	$ 875
91		51W-60W LED	10	$ 0 66	$ 79
92		61W-70W LED	2,400	$ 0 78	$ 22,464
93		71W-80W LED	. 73	$ 0.90	$ 788
94		81W-90W LED	15	$ 1 02	$ 184
95		91W-100W LED	1,230	$ 1 14	$ 16,826
96		101W-110W LED	2,489	$ 1 26	$ 37,634
97		111W-130W LED	2,091	$ 1 44	$ 36,132

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues	
98		131W-150W LED	664	$ 1 68	$ 13,386	
99		151W-170W LED	1,146	$ 1 92	$ 26,404	
100		171W-190W LED	138	$ 2.16	$ 3,577	
101		191W-210W LED	0	$ 2.40	$ -	
102		211W-230W LED	192	$ 2.64	$ 6,083	
103		231W-250W LED	161	$ 2 88	$ 5,564	
104		251W-270W LED	1,332	$ 3 12	$ 49,870	
105		271W-300W LED	0	$ 3 42	$ -	
106		301W-330W LED	0	$ 3 78	$ -	
107		331W-360W LED	0	$ 4 14	$ -	
108		361W-390W LED	0	$ 4.50	$ -	
109		391W-420W LED	0	$ 4 86	$ -	
110		421W-450W LED	0	$ 5.22	$ -	
111		451W-480W LED	0	$ 5 58	$ -	
112		481W-510W LED	0	$ 5 94	$ -	
113		511W-540W LED	0	$ 6 30	$ -	
114		541W-570W LED	0	$ 6 66	$ -	
115		NON CO OWNED LED ON CO OWNED POLES				
116		Energy	237,958	$ 0 03370	$ 8,019	
117		Pole Attachment Fees	569	$ 1 57	$ 10,720	
118		Total kWh Sales and Base Rate Revenues	36,054,763	=kwh	$ 3,133,827	TRUE
119		**Rate 9 - Traffic Signal Service**				
120		INCANDESCENT TRAFFIC SIGNALS				
121		Flashing Lights				
122		2 Unit School Flasher-790 Annl BH 133 Watts	2	$ 4.40	$ 106	
123		30 Watt Controller - 24 Hours - 30 Watts	47	$ 0 99	$ 558	
124		100 Watt Controller - 100 - 100 Watts	659	$ 3 31	$ 26,175	
125		LIGHT-EMITTING DIODE ("LED") TRAFFIC SIGNALS				
126		5 Lamp Head - 24 Hours - 14 Watts	777	$ 0 75	$ 6,993	
127		3 Lamp Head - 24 Hours - 14 Watts	6,169	$ 0 46	$ 34,053	
128		3 Lamp Head - 18 Norm 6 Flash - 14 Watts	0	$ 0.46	$ -	
129		4 Lamp Head - 24 Hours - 14 Watts	200	$ 0 75	$ 1,800	
130		4 Lamp Head - 18 Norm 6 Flash - 14 Watts	0	$ 0 75	$ -	
131		2 Unit Walk Light - 24 Hours - 9 Watts	4,832	$ 0 29	$ 16,815	
132		2 Unit Walk Light - 18 Norm 6 Flash-9 Watt	0	$ 0 29	$ -	
133		1 Unit Flashing - 24 Hours - 14 Watts	263	$ 0 43	$ 1,357	
134		2 Unit Flashing - 24 Hours - 14 Watts	8	$ 0.46	$ 44	
135		2 Unit School Flasher-351 Annl BH 14 Watts	0	$ 0 46	$ -	
136		2 Unit School Flasher-790 Annl BH 14 Watts	1,021	$ 0.46	$ 5,636	
137		4 Unit School Flasher-351 Annl BH 14 Watts	0	$ 0 75	$ -	
138		4 Unit School Flasher-790 Annl BH 14 Watts	0	$ 0.75	$ -	
139		Bike Lane Signals	0	$ 0 33	$ -	
140		METERED SERVICE				
		Customer Charge	312	$ 12.34	$ 3,850	
141		Energy Charge	68,022	$ 0 03747	$ 2,549	
142		Total kWh Sales and Base Rate Revenues	2,655,162	=kwh	$ 99,937	TRUE
143		**Rate 11 - Municipal Pumping Service - T O D**				
144		Customer Charge	4,824	$97 87	$ 472,125	
145		On-Peak - ($ / kWh) Secondary	5,548,838	$0 22914	1,271,461	
146		Shoulder-Peak - ($ / kWh) Secondary	8,306,156	$0 09429	783,187	

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues	
147		Off-Peak - ($ / kWh) Secondary	123,976,228	$0.04240	5,256,592	
148		On-Peak - ($ / kWh) Primary	1,926,608	$0 22622	435,837	
149		Shoulder-Peak - ($ / kWh Primary	2,849,090	$0.09137	260,321	
150		Off-Peak - ($ / kWh) Primary	48,374,126	$0 03948	1,909,810	
151		Total kWh Sales and Base Rate Revenues	190,981,046		$ 10,389,334	TRUE
152		**Rate 15 - Electrolytic Refining Service**				
153		Customer Charge	12	$22.07	$ 265	
154		On-Peak Energy Charge ($/kWh)	2,815,765	$0 14961	421,267	
155		Off-Peak Energy Charge ($/kWh)	39,789,009	$0.00530	210,882	
156		Demand Charge ($/kW) - Summer	30,000	$21 34	640,200	
157		Demand Charge ($/kW) - Non-Summer	60,000	$16.72	1,003,200	
158		Interconnection Charge	$79,134	4 7384%	3,750	
159		Total kWh Sales and Base Rate Revenues	42,604,774		$ 2,279,563	TRUE
160		**Rider - Water Heating Rider (Rider to Rate Nos. 01 and 02)**				
161		Customer Charge	38,004	$4.84	$ 183,939	
162		Energy Charge - ($ / kWh) Summer	1,334,123	$0.08411	112,213	
163		Energy Charge - ($ / kWh) Non-Summer	3,789,517	$0.06411	242,946	
164		Total kWh Sales and Base Rate Revenues	5,123,640		$ 539,098	TRUE
165		**Rate 22 - Irrigation Service**				
166		Customer Charge	1,728	$22.99	$ 39,727	
167		Energy Charge - ($ / kWh) Summer	1,927,917	$0 15284	294,663	
168		Energy Charge - ($ / kWh) Non-Summer	1,912,112	$0.12284	234,884	
169		Total kWh Sales and Base Rate Revenues	3,840,029		$ 569,273	TRUE

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues	
170		**Rate 24 - General Service**				
171		**Secondary Voltage**				
172		Customer Charge	87,780	$62.60	$ 5,495,028	
173		Summer Energy Charge (0 - 200 kW hours) ($/kWh)	320,367,797	$0 10117	32,411,610	
174		Summer Energy Charge (next 150 kW hours) ($/kWh)	157,116,269	$0.08117	12,753,128	
175		Summer Energy Charge (all addt'l kW hours) ($/kWh)	95,107,736	$0.06117	5,817,740	
176		Summer Demand Charge ($/kW)	1,686,410	$11 33	19,107,025	
177		Non-Summer Energy Charge (0 - 200 kW hours) ($/kWh)	513,673,513	$0.05030	25,837,778	
178		Non-Summer Energy Charge (next 150 kW hours) ($/kWh)	218,727,492	$0.03030	6,627,443	
179		Non-Summer Energy Charge (all addt'l kW hours) ($/kWh)	113,476,490	$0 01030	1,168,808	
180		Non-Summer Demand Charge ($/kW)	2,826,726	$3 74	10,571,955	
181		**Primary Voltage**				
182		Customer Charge	432	$62.60	27,043	
183		Summer Energy Charge (0 - 200 kW hours) ($/kWh)	6,162,010	$0.09877	608,622	
184		Summer Energy Charge (next 150 kW hours) ($/kWh)	4,246,548	$0.07877	334,501	
185		Summer Energy Charge (all addt'l kW hours) ($/kWh)	3,343,679	$0 05877	196,508	
186		Summer Demand Charge ($/kW)	32,919	$11 01	362,438	
187		Non-Summer Energy Charge (0 - 200 kW hours) ($/kWh)	9,403,250	$0.04791	450,510	
188		Non-Summer Energy Charge (next 150 kW hours) ($/kWh)	5,774,721	$0 02791	161,172	
189		Non-Summer Energy Charge (all addt'l kW hours) ($/kWh)	3,402,140	$0.00791	26,911	
190		Non-Summer Demand Charge	53,002	$3.42	181,267	
191		Total kWh Sales and Base Rate Revenues	1,450,801,644		$ 122,139,487	
192		Community Solar Base Credit ($/kWh)	508,962	($0.05303)	(26,988)	
193		Total Base Revenues			$ 122,112,499	TRUE
194		**Rate 25 - Large Power Service**				
195		**Secondary Voltage**				
196		Customer Charge	1,080	$1,089.05	$ 1,176,174	
197		On-Peak Energy Charge ($/kWh)	34,190,261	$0.11513	3,936,325	
198		Off-Peak Energy Charge ($/kWh)	390,861,721	$0.00119	465,125	
199		Summer Demand Charge ($/kW)	351,587	$25.05	8,807,254	
200		Non-Summer Demand Charge ($/kW)	651,279	$20.43	13,305,630	
201		**Primary Voltage**				
202		Customer Charge	228	$1,089 05	248,303	
203		On-Peak Energy Charge ($/kWh)	11,935,905	$0.11809	1,409,567	
204		Off-Peak Energy Charge ($/kWh)	166,419,868	$0.00119	198,821	
205		Summer Demand Charge ($/kW)	125,190	$23.65	2,960,744	
206		Summer Maximum Demand Charge ($/kW)	11,057	$11 92	131,799	
207		Non-Summer Demand Charge ($/kW)	255,274	$19 03	4,857,864	
208		**Transmission Voltage**				
209		Customer Charge	12	$1,089.05	13,069	
210		On-Peak Energy Charge ($/kWh)	516,247	$0 15771	81,420	
211		Off-Peak Energy Charge ($/kWh)	7,183,046	$0 00119	8,582	
212		Summer Demand Charge ($/kW)	6,000	$21.36	128,160	
213		Non-Summer Demand Charge ($/kW)	12,000	$16.74	200,880	
214		Total kWh Sales and Base Rate Revenues	611,107,048		$ 37,929,717	
215		Facilities Rental Charge	$29,251	1 2405%	4,354	
216		Delivery Service Charge	9,600	$4 36	41,856	
217		Total Base Revenues			$ 37,975,927	TRUE
218		**Rate 26 - Petroleum Refinery Service**				

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues	
219		Customer Charge	12	$106.31	$ 1,276	
220		Energy Charge (kWh)	314,641,719	$0 00998	3,140,124	
221		Summer Demand Charge ($/kW)	161,600	$23 70	3,829,920	
222		Non-Summer Demand Charge ($/kW)	323,200	$19.08	6,166,656	
223		Facilities Charge	$311,072	1 2405%	46,306	
224		Total kWh Sales and Base Rate Revenues	314,641,719		$ 13,184,282	TRUE

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues
225		**Rate 28 - Area Lighting Service**			
226		**MV-OH SYSTEM CO. OWNED - WOOD POLE (WITH 35' POLE)**			
227		175W MV 7,000L 195 Watts	67	$ 12.74	$ 10,243
228		250W MV 11,000L 275 Watts	70	$ 14.42	$ 12,113
229		400 MV 20,000L 460 Watts	20	$ 18.26	$ 4,382
230		**HPSV OH SYSTEM CO. OWNED - 35' WOOD POLE**			
231		100W HPS 8,500L 124 Watts	1,452	$ 11.33	$ 197,414
232		150W HPS 14,400L 193 Watts	49	$ 12 77	$ 7,509
233		250W HPS 23,200L 313 Watts	2,234	$ 15 19	$ 407,214
234		400W HPS 50,000L 485 Watts	68	$ 18 78	$ 15,324
235		**HPSV FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)**			
236		100W HPS 9,500L 137 Watts	916	$ 7 10	$ 78,043
237		250W HPS 27,500L 330 Watts	855	$ 10 95	$ 112,347
238		400W HPS 50,000L 490 Watts	1,930	$ 14 26	$ 330,262
239		1000W HPS 119,500L 1103 Watts	1,097	$ 27 88	$ 367,012
240		**METAL HALIDE FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)**			
241		400W MH 38,000L 35' Pole 490 Watts	189	$ 15.54	$ 35,245
242		1000W MH 115,500L 35' Pole 1100 Watts	375	$ 27 93	$ 125,685
243		**HPSV FLOODLIGHT WITH NEW CO. SUPPLIED WOOD POLE**			
244		100W HPS 9,500L 35' Pole 137 Watts	477	$ 11 93	$ 68,287
245		250W HPS 27,500L 35' Pole 330 Watts	272	$ 15 86	$ 51,767
246		400W HPS 50,000L 35' Pole 490 Watts	1,042	$ 19 10	$ 238,826
247		1000W HPS 119,500L 35' Pole 1103 Watts	181	$ 34 62	$ 75,195
248		1000W HPS 119,500L 45' Pole 1103 Watts	885	$ 35.74	$ 379,559
249		**METAL HALIDE FLOODLIGHT WITH NEW CO. WOOD POLE**			
250		400W MH 38,000L 35' Pole 490 Watts	86	$ 24.38	$ 25,160
251		1000W MH 115,500L 35' Pole 1100 Watts	90	$ 36 02	$ 38,902
252		1000W MH 115,500L 45' Pole 1100 Watts	216	$ 37.15	$ 96,293
253		**LED AREA LIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)**			
254		31W-100W LED light equivalent to 150W HPS	7	$ 7 97	$ 669
255		**LED AREA LIGHT OH SYSTEM CO. OWNED - 35' WOOD POLE**			
256		31W-100W LED light equivalent to 150W HPS	8	$ 9 96	$ 956
257		**LED FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)**			
258		31W-100W LED light equivalent to 150W HPS	4	$ 8 03	$ 385
259		101W-200W LED light equivalent to 400W HPS	27	$ 11 26	$ 3,648
260		250W-400W LED light equivalent to 1000W HPS	8	$ 16 38	$ 1,572
261		400W-500W LED	-	$ 17 12	$ -
262		**LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT WOOD POLE**			
263		31W-100W LED light equivalent to 150W HPS	1	$ 10 03	$ 120
264		101W-200W LED light equivalent to 400W HPS	20	$ 13.26	$ 3,182
265		250W-400W LED light equivalent to 1000W HPS	7	$ 18 42	$ 1,547
266		**LED FLOODLIGHT WITH NEW CO. SUPPLIED 40FT WOOD POLE**			
267		250W-400W LED light equivalent to 1000W HPS	-	$ 18.82	$ -
268		**LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT DIRECT EMBEDDED POLE FOR UG ONLY (BORDER LIGHTING O**			
269		250W-400W LED light equivalent to 1000W HPS	-	$ 23.27	$ -
270		**LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT WOOD POLE FOR UG ONLY (BORDER LIGHTING ONLY)**			
271		250W-400W LED light equivalent 1000W HPS	-	$ 23 27	$ -
272		**LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT DIRECT EMBEDDED POLE FOR UG ONLY (BORDER LIGHTING OI**			
273		2-250W-400W LED light equivalent 1000W HPS	16	$ 34 89	$ 6,699
274		**LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT WOOD POLE FOR UG ONLY (BORDER LIGHTING ONLY)**			
275		2-250W-400W LED light equivalent 1000W HPS	2	$ 33 18	$ 796

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues	
276		Total kWh Sales and Base Rate Revenues	26,829,319		$ 2,696,358	TRUE
277		**Rate 30 - Electric Furnace Rate**				
278		Customer Charge	12	$19.12	$ 229	
279		On-Peak Rate Energy Charge ($/kWh)	1,636,626	$0 16780	274,626	
280		Off-Peak Energy Charge ($/kWh)	19,932,006	$0.01205	240,181	
281		Summer Demand Charge ($/kW)	21,509	$19.24	413,833	
282		Non-Summer Demand Charge ($/kW)	41,474	$14.62	606,350	
283		Total kWh Sales and Base Rate Revenues	21,568,632		$ 1,535,219	TRUE
284		**Rate 31 - Military Reservation Service Rate**				
285		Customer Charge	12	$133.48	$ 1,602	
286		On-Peak Rate Energy Charge ($/kWh)	17,859,387	$0.13575	$ 2,424,412	
287		Off-Peak Energy Charge ($/kWh)	260,679,710	$0.00665	$ 1,733,520	
288		Summer Demand Charge ($/kW)	184,000	$22 82	$ 4,198,880	
289		Non-Summer Demand Charge ($/kW)	368,000	$18.20	$ 6,697,600	
290		Total kWh Sales and Base Rate Revenues	278,539,097		$ 15,056,014	TRUE

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues
291		**Rate 34 - Cotton Gin Service**			
292		Customer Charge	6	$1,553.24	$ 9,319
293		Customer Charge - Small Commercial	9	$12.23	110
294		Customer Charge - General Service	9	$62.60	563
295		Energy Charge ($/kWh) - Summer	-	$0.08717	-
296		Energy Charge ($/kWh) - Non-Summer	1,534,795	$0.05717	87,744
297		Energy Charge ($/kWh) - Summer, Sm Comm	240	$0 11502	28
298		Energy Charge ($/kWh) - Non-Summer, Sm Comm	240	$0.09502	23
299		Energy Charge ($/kWh) - Summer, Gen Svc, Blk 1	24,393	$0.10117	2,468
300		Energy Charge ($/kWh) - Summer, Gen Svc, Blk 2	-	$0.08117	-
301		Energy Charge ($/kWh) - Non-Summer, Gen Svc, Blk 1	34,571	$0.05030	1,739
302		Energy Charge ($/kWh) - Non-Summer, Gen Svc, Blk 2	2,141	$0 03030	65
303		Demand Charge ($/kW) - Non-Summer	5,505	$14.14	77,841
304		Demand Charge ($/kW) - Summer, General Service	150	$11.33	1,700
305		Total kWh Sales and Base Rate Revenues	1,559,668		$ 181,600
306					
307		**Rate 41 - City & County Service**			
308		**Secondary Voltage**			
309		Customer Charge	9,996	$74 94	$ 749,100
310		Summer Demand Charge	215,462	$24.70	5,321,096
311		Energy Charge - ($ / kWh) Summer	64,673,685	$0 04512	2,918,001
312		Non-Summer Demand Charge	339,892	$13.16	4,471,645
313		Energy Charge - ($ / kWh) Non-Summer	101,333,252	$0 02943	2,982,618
314		**Primary Voltage**			
315		Customer Charge	156	$74 94	11,691
316		Summer Demand Charge	23,889	$23.79	568,382
317		Energy Charge - ($ / kWh) Summer	10,476,231	$0 04382	459,103
318		Non-Summer Demand Charge	39,337	$12.25	481,976
319		Energy Charge - ($ / kWh) Non-Summer	16,757,386	$0 02814	471,524
320		Total kWh Sales and Base Rate Revenues	193,240,554		$ 18,435,136
321					
322		**Total Firm Service kWh and Revenues**	5,934,384,056		572,386,659
323					
324					
325		**Non-Firm Service**			

BASE RATE REVENUES UNDER PROPOSED RATES

Line	Class	Rate Component	Billing Units	Base (Non-Fuel) Unit Rate	Revenues
326		**Rate 38 - Noticed Interruptible Power Service**			
327		**Secondary Voltage**			
328		Demand Charge ($/kW)	-	$ 7.12	$ -
329		Energy Charge ($/kWh)	-	$ 0.00119	$ -
330		**Primary Voltage**			$ -
331		Demand Charge ($/kW)	111,014	$ 6.34	$ 703,829
332		Energy Charge ($/kWh)	52,975,942	$ 0 00119	$ 63,290
333		**Transmission Voltage**			$ -
334		Demand Charge ($/kW)	803,639	$ 4.14	$ 3,327,065
335		Energy Charge ($/kWh)	340,037,058	$ 0 00119	$ 406,240
336		Total kWh Sales and Base Rate Revenues	393,013,000		$ 4,500,424
337					
338		**Total Non-Firm kWh Sales and Revenues**	393,013,000		$ 4,500,424
339					
340					
341		**Total Firm and Non Firm kWh Sales and Revenues**	6,327,397,056		$ 576,887,083

Rate Design - SUMMARY

Rate Description	Rate	Current Non-Fuel Revenues	Target Non-Fuel Revenues Increase	Target Non-Fuel Revenues	Rate Design Calculated Non-Fuel Revenues	Difference
Residential Service	01	$ 273,638,830	$ 37,184,541	$ 310,823,371	$ 310,833,152	$ 37,194,322
Small General Service	02	33,319,685	(947,601)	32,372,084	32,373,090	(946,595)
Outdoor Recreational Lighting	07	462,980	164,971	627,951	627,947	164,967
Government Street Lighting	08	4,046,620	(913,222)	3,133,398	3,133,827	(912,793)
Traffic Signals	09	95,204	5,236	100,440	99,937	4,733
Municipal Pumping TOU	11-TOU	10,102,350	286,739	10,389,089	10,389,334	286,984
Electrolytic Refining Service	15	1,830,063	449,298	2,279,361	2,279,563	449,500
Irrigation Service	22	423,413	145,859	569,272	569,273	145,860
General Service	24	125,005,740	(2,893,807)	122,111,933	122,112,499	(2,893,241)
Large Power Service	25	35,955,664	2,022,528	37,978,192	37,975,927	2,020,263
Petroleum Refinery Service	26	10,964,770	2,219,821	13,184,591	13,184,282	2,219,512
Area Lighting Service	28	2,932,614	(236,252)	2,696,362	2,696,358	(236,256)
Electric Furnace Rate	30	1,191,760	343,236	1,534,996	1,535,219	343,459
Military Reservation Service	31	13,009,892	2,043,487	15,053,379	15,056,014	2,046,122
Cotton Gin Service	34	132,972	48,627	181,599	181,600	48,628
City/County Service	41	19,126,500	(691,368)	18,435,132	18,435,136	(691,364)
Water Heating Service	WH	474,582	64,491	539,073	539,098	64,516
Total Firm Sales Revenues		$ 532,713,639	$ 39,296,582	$ 572,010,221	$ 572,022,258	$ 39,308,619
Interruptible Service	38	$ 4,174,343	$ 325,136	$ 4,499,479	$ 4,500,424	$ 326,081
Total Non-Firm Sales Revenues		$ 4,174,343	$ 325,136	$ 4,499,479	$ 4,500,424	$ 326,081
Total Base Rate Revenues		$ 536,887,982	$ 39,621,718	$ 576,509,700	$ 576,522,682	$ 39,634,700

Revenues % Increase	Difference from Revenue Target	
13.592%	$ 9,782	0.003%
-2.841%	1,007	0.003%
35.632%	(4)	-0.001%
-22.557%	429	0.014%
4.971%	(503)	-0.501%
2.841%	245	0.002%
24.562%	202	0.009%
34.449%	2	0.000%
-2.314%	565	0.000%
5.619%	(2,265)	-0.006%
20.242%	(309)	-0.002%
-8.056%	(3)	0.000%
28.819%	223	0.015%
15.727%	2,635	0.018%
36.570%	1	0.000%
-3.615%	4	0.000%
13.594%	25	0.005%
		#DIV/0!
7.379%	$ 12,037	0.002%
7.812%	$ 945	0.021%
7.812%	$ 945	0.021%
7.382%	$ 12,982	0.002%

Rate Design - Rate No. 1, Residential Service

	Rate Design	Billing Units	Non-Fuel Unit Rate	Calculated Base (Non-Fuel) Revenues	
1	Target Revenue			$ 310,823,371	
2	Less: Customer Charge	3,664,944	$10.54	38,628,510	12.41%
3	Customer Charge - Low Income Rider	122,932	($10.54)	(1,295,698)	87.59%
4	Non-Customer Charge Revenue Target			$ 273,490,559	
5	Energy Charge ($/kWh) Jun-Sep, First 600 kWh	594,193,276	$0.11827	70,275,239	49.24%
6	Energy Charge ($/kWh) Oct-May, All Other kWh	612,549,542	$0.12827	78,571,730	
7	Energy Charge ($/kWh) Non-Summer	1,272,108,507	$0.09827	125,010,103	
8	kWh and Total Base Rate Revenues	2,478,851,326		311,189,883	
8	DG Minimum Bill	39,256	$13.48	529,168	
9	Community Solar Base Credit	13,004,217	($0.068124)	(885,899)	
10	kWh and Total Base Revenues			$ 310,833,152	
11	Difference from Revenue Target			$ 9,782	
12	Summer Block Differential		$0.01000		
13	Summer/Non-Summer Differential		$0.02000		
14	Difference from Target Adjustment		$0.00000		
15	DEC Customer Component Cost		$38,632,461		
16	DEC Production Component Unit Cost		$0.057068		
17	DEC Energy Component Unit Cost		$0.011056		
18	Community Solar Base Credit		$0.068124		
19	DG Minimum Bill Charge		$24.02		
20	DG Minimum Bill	50,855	$17.46	888,068	

Rate Design - Rate No. 1, Residential Service - Time Of Use Option

Line	Item	Description	6 Hour On Peak 12 - 6 pm MDT	Notes	
1	A	Incremental Capacity Cost	$113.81		
2	B	On-Peak Recovery %	60.00%	$68.29	
3	C	On-Peak Hours	6		
4	D	Expected On-Peak Load Factor	72.23%		
5	E	Number of On-Peak Days for the Period	88	(Include holidays)	
6	P	Price for On-Peak Usage after base charge($/kWh)	$0.17905		
		Where: P = (A * B) / (C * D * E)			
7		Target Revenue	$310,823,371		

Time of Use Rate Design		Units	Unit Rate	Jun - Sep, M-F 12 - 6 pm MDT Revenues
8	On-Peak Energy Adder (Charged for On-Peak kWh)	320,894,686	$0.17905	$ 57,456,194
9	Off-Peak Energy Charge	1,206,742,818	$0.07573	91,386,634
10	Non-Summer Energy Charge	1,272,108,507	$0.09827	125,010,103
11	Monthly Customer Charge	3,664,944	$10.54	38,628,510
12	Less: Customer Charge - Low Income Rider	122,932	($10.54)	(1,295,698)
13	DG Minimum Bill	39,256	$13.48	529,168
14	Community Solar Base Credit	13,004,217	($0.068124)	(885,899)
15	Time-of-Use Proof of Revenues			$ 310,829,010
16	Difference from Revenue Target			$ 5,640
17	Difference from Target Adjustment		$0.00000	
18	TOU Meter Adjustment		$0.00	
19	Final Rates			
20	Customer Charge		$ 10.54	
21	Summer Energy Charge (On-Peak)		$ 0.25478	
22	Summer Energy Charge (Off-Peak)		$ 0.07573	
23	Non-Summer Energy Charge		$ 0.09827	
24	On-Peak to Off-Peak Price Ratio		3.36	

Rate Design - Rate No. 1, Residential - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	On-Peak Load Factor	75.52%	75.13%	77.02%	61.26%	72.23%
3	Residential Load Study Data					
4	On-Peak Energy Used	260	311	279	201	1,051
5	On-Peak Maximum Class Demand	2.61	3.00	2.87	2.48	11
6						Annual
7	OnPeak kWh					1,051
8	Total kWh					8,116
9	Percent Total					12.95%

Rate Design - Rate No. 1, Residential Service - Time Of Use Option (with Demand Charge)

Line	Item	Description	6 Hour On Peak 12 - 6 pm MDT	Notes
1	A	Incremental Capacity Cost	$113.81	
2	B	On-Peak Recovery %	60.00%	$68.29
3	C	On-Peak Hours	6	
4	D	Expected On-Peak Load Factor	72.23%	
5	E	Number of On-Peak Days for the Period	88	(Include holidays)
6	P	Price for On-Peak Adder ($/kWh) Where: P = (A * B * L) / (C * D * E)	$ 0.17905	100% = L
7		Price for On-Peak Adder ($/kW)	$ -	0%
8		Target Revenue	$310,823,371	

	Time of Use Rate Design	Units	Unit Rate	Jun - Sep, M-F 12 - 6 pm MDT Revenues
9	On-Peak Energy Adder (Charged for On-Peak kWh)	320,894,686	$0.17905	$ 57,456,194
10	Off-Peak Energy Charge	1,206,742,818	$0.05936	71,632,254
11	Non-Summer Energy Charge	1,272,108,507	$0.07544	95,969,364
12	Demand Charge ($/kW) Summer	6,016,677	$3.37	20,276,201
13	Demand Charge ($/kW) Non-Summer	8,617,430	$3.37	29,040,739
14	Monthly Customer Charge	3,664,944	$10 54	38,628,510
15	Less: Customer Charge - Low Income Rider	122,932	($10.54)	(1,295,698)
16	Community Solar Base Credit	13,004,217	($0.068124)	(885,899)
17	Time-of-Use Proof of Revenues			$310,821,664
18	Difference from Revenue Target			$ (1,707)
19	Difference from Target Adjustment		$0.00000	
20	TOU Meter Adjustment		$0.00	
21	Final Rates			
22	Customer Charge		$ 10.54	
23	Demand Charge		$ 3.37	
24	Summer Energy Charge (On-Peak)		$ 0.23841	
25	Summer Energy Charge (Off-Peak)		$ 0 05936	
26	Non-Summer Energy Charge		$ 0 07544	
27	On-Peak to Off-Peak Price Ratio		4.02	

28		Non-Coincident Demand, per Customer	Total Customers - Annualized	Billing Demand	Summer = 1, Non-Summer = 0
29	January	3.08	301,303	928,138	0
30	February	3 04	301,303	916,063	0
31	March	3.05	301,303	919,619	0
32	April	3.91	301,303	1,179,447	0
33	May	4.40	301,303	1,325,697	0
34	June	4.97	301,303	1,498,042	1
35	July	5.24	301,303	1,578,352	1
36	August	5.07	301,303	1,528,142	1
37	September	4.69	301,303	1,412,141	1
38	October	4.29	301,303	1,292,539	0
39	November	3.33	301,303	1,003,913	0
40	December	3.49	301,303	1,052,014	0
41	Total	Avg.: 4.05	3,615,636	14,634,107	
42					
43		COS Data	Billing Demand	$/KW-mo	
44	DEC DEMAND DISTRIBUTION, EXCEPT LOAD DISPAT	$ 49,366,798	14,634,107	$ 3 373407	

Rate Design - Rate No. 1, Residential - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	On-Peak Load Factor	75.52%	75.13%	77.02%	61.26%	72.23%
3	On-Peak Energy Used	260	311	279	201	1,051
4	On-Peak Maximum Class Demand	2.61	3.00	2.87	2.48	11
						Annual
5	OnPeak kWh					1,051
6	Total kWh					8,116
7	Percent Total					12.95%

Rate Design - Rate No. 2, Small General Service

	Rate Design	Billing Units	Non-Fuel Unit Rate	Calculated Base (Non-Fuel) Revenues	
1	Target Revenue			$ 32,372,084	
2	Customer Charge	345,180	$12.23	4,221,551	13.03%
3	Non-Customer Charge Revenue Target			$ 28,150,532	
4	Energy Charge ($/kWh) Summer (Jun-Sep)	115,181,036	$0.11502	13,248,123	
5	Energy Charge ($/kWh) Non-Summer	157,128,073	$0.09502	14,930,309	
6	kWh and Total Base Rate Revenues	272,309,109		32,399,983	
7	DG Minimum Bill	59	$12.96	763	
8	Community Solar Base Credit	425,582	($0.064985)	(27,656)	
9				$ 32,373,090	
10	Rate Design Revenue difference from Target Revenues			$ 1,007	
11	Summer/Non-Summer Differential		$0.02000		
12	Difference from Target Adjustment		$0.00000		
13	DEC Customer Component Cost		$4,221,248		
14	DEC Production Component Unit Cost		$0.052598		
15	DEC Energy Component Unit Cost		$0.012387		
16	Community Solar Base Credit		$0.064985		
17	DG Minimum Bill Charge		$25.19		
	DG Minimum Bill	114	$25.11	2,862	

Rate Design - Rate No. 2, Small General Service - Time Of Use Option

Line	Item	Description	6 Hour On Peak 12 - 6 pm MDT	Notes
1	A	Incremental Capacity Cost	$113.81	
2	B	On-Peak Recovery %	60.00%	$68.29
3	C	On-Peak Hours	6	
4	D	Expected On-Peak Load Factor	80 85%	
5	E	Number of On-Peak Days for the Period	88	(Include holidays)
6	P	Price for On-Peak Adder ($/kWh)	$0.15996	100% = L
		Where: P = (A * B * L) / (C * D * E)		
7		Price for On-Peak Adder ($/kW)	$ -	0%
8		Target Revenue	$32,372,084	

Time of Use Rate Design		Units	Unit Rate	Jun - Sep, M-F 12 - 6 pm MDT Revenues
9	On-Peak Energy Adder (Charged for On-Peak kWh)	30,948,110	$0.15996	$ 4,950,460
10	Off-Peak Energy Charge	115,181,036	$0.07203	8,296,490
11	Non-Summer Energy Charge	157,128,073	$0.09502	14,930,309
12	Monthly Customer Charge	345,180	$12.23	4,221,551
13	DG Minimum Bill	59	$12.96	763
14	Community Solar Base Credit	425,582	($0.064985)	(27,656)
15	Time-of-Use Proof of Revenues			$ 32,371,917
16	Difference from Revenue Target			$ (167)
17	Difference from Target Adjustment		$0.00000	
18	TOU Meter Adjustment		$0.00	
19	Final Rates			
20	Customer Charge		$ 12.23	
21	Summer Energy Charge (On-Peak)		$ 0.23199	
22	Summer Energy Charge (Off-Peak)		$ 0.07203	
23	Non-Summer Energy Charge		$ 0.09502	
24	On-Peak to Off-Peak Price Ratio		3.22	

Rate Design - Rate No. 2, Small General - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	On-Peak Load Factor	81.01%	85.18%	86.76%	70.47%	80.85%
3	On-Peak Energy Used	255	294	265	212	1,027
4	On-Peak Maximum Class Demand	2.39	2.50	2.42	2.28	10
						Annual
5	OnPeak kWh					1,027
6	Total kWh					9,035
7	Percent Total					11.37%

Rate Design - Rate No. 2, Small General Service - Time Of Use Option (with Demand Charge)

Line	Item	Description	6 Hour On Peak 12 - 6 pm MDT	Notes
1	A	Incremental Capacity Cost	$113.81	
2	B	On-Peak Recovery %	60.00%	$68 29
3	C	On-Peak Hours	6	
4	D	Expected On-Peak Load Factor	80.85%	
5	E	Number of On-Peak Days for the Period	88	(Include holidays)
6	P	Price for On-Peak Adder ($/kWh) Where: P = (A * B * L) / (C * D * E)	$ 0.15996	100% = L
7		Price for On-Peak Adder ($/kW)	$ -	0%
8		Target Revenue	$32,372,084	

	Time of Use Rate Design	Units	Unit Rate	Jun - Sep, M-F 12 - 6 pm MDT Revenues
9	On-Peak Energy Adder (Charged for On-Peak kWh)	30,948,110	$0.15996	$ 4,950,460
10	Off-Peak Energy Charge	115,181,036	$0.05561	6,405,217
11	Non-Summer Energy Charge	157,128,073	$0.07646	12,013,882
11	Demand Charge ($/kW) Summer	438,136	$4.32	1,892,748
12	Demand Charge ($/kW) Non-Summer	675,099	$4.32	2,916,428
13	Monthly Customer Charge	345,180	$12.23	4,221,551
14	Community Solar Base Credit	425,582	($0.064985)	(27,656)
15	Time-of-Use Proof of Revenues			$ 32,372,629
16	Difference from Revenue Target			$ 546
17	Difference from Target Adjustment		$0.00000	
18	TOU Meter Adjustment		$0.00	
19	Final Rates			
20	Customer Charge		$ 12.23	
21	Demand Charge		$ 4.32	
22	Summer Energy Charge (On-Peak)		$ 0.21557	
23	Summer Energy Charge (Off-Peak)		$ 0.05561	
24	Non-Summer Energy Charge		$ 0.07646	
25	On-Peak to Off-Peak Price Ratio		3.88	

24		Non-Coincident Demand, per Customer	Total Customers - Annualized	Billing Demand	Summer = 1, Non-Summer = 0
25	January	2.78	28,765	79,898	0
26	February	2.81	28,765	80,832	0
27	March	2.85	28,765	82,039	0
28	April	2.76	28,765	79,335	0
29	May	3.41	28,765	98,192	0
30	June	3.79	28,765	109,039	1
31	July	3.96	28,765	113,848	1
32	August	3.84	28,765	110,346	1
33	September	3.65	28,765	104,903	1
34	October	3.35	28,765	96,239	0
35	November	2.73	28,765	78,415	0
36	December	2.79	28,765	80,149	0
37	Total	Avg.: 3.23	345,180	1,113,235	
38					
39		COS Data	Billing Demand	$/kW	
40	DEC DEMAND DISTRIBUTION, EXCEPT LOAD DISPAT	$ 4,808,565	1,113,235	$ 4.319452	

Rate Design - Rate No. 2, Small General - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	On-Peak Load Factor	81.01%	85.18%	86.76%	70.47%	80.85%
3	On-Peak Energy Used	255	294	265	212	1,027
4	On-Peak Maximum Class Demand	2.39	2.50	2.42	2.28	10
						Annual
5	OnPeak kWh					1,027
6	Total kWh					9,035
7	Percent Total					11.37%

Rate Design - Rate No. 7, Outdoor Recreational Service

Line	Description	Billing Units	Non-Fuel Unit Rate	Current Base (Non-Fuel) Revenues
1	Target Revenue			$ 627,951
2	Less: Customer Charge	2,532	$25.39	64,287
3	Non-Customer Charge Revenue Target			$ 563,664
4	Energy Charge ($/kWh) - Secondary Voltage	3,639,116	$0.15350	558,604
5	Energy Charge ($/kWh) - Primary Voltage	37,410	$0.13515	5,056
6	kWh and Total Revenues	3,676,526		$ 627,947
7	Difference from Revenue Target			$ (4)
8	Primary/Secondary Differential		$0.01835	
9	DEC Customer Component Cost		$64,298	
10		COS Data	$/kWh - Primary	$/kWh - Secondary
11	DEC DEMAND DISTRIBUTION, EXCEPT LOAD DISPATCH	$0.076687	$0.058341	$0.076687
12	DEMAND POLES, TOWER, FIXTURES PRIMARY	$0.011914	$0.011914	$0.011914
13	DEMAND POLES, TOWER, FIXTURES SECONDARY	$0.005371		$0.005371
14	DEMAND DISTRIBUTION OVHD PRIMARY	$0.011355	$0.011355	$0.011355
15	DEMAND DISTRIBUTION OVHD SECONDARY	$0.001122		$0.001122
16	DEMAND DISTRIBUTION UNGD PRIMARY	$0.021960	$0.021960	$0.021960
17	DEMAND DISTRIBUTION UNGD SECONDARY	$0.004790		$0.004790
18	DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$0.013112	$0.013112	$0.013112
19	DEMAND DISTRIBUTION LINE TRNSFMR SECONDAR'	$0.007063		$0.007063

Rate Design - Rate No. 8 Street Lighting Service
(NOTE: SEE LIGHTING RATE DESIGN WORKPAPERS (WP/Q-7(b) FOR DETAIL)

Line No.	Description	Active Lamps	Estimated Rate w/o Fuel	Estimated Revenues
1	MV-OH SYSTEM CO. OWNED - 35' WOOD POLE (No longer install)			
2	175W MV 7,000L - 195W	328	12.57	$49,476
3	250W MV 11,000L - 275W	188	14.35	$32,374
4	400W MV 20,000L - 460W	20	18.44	$4,426
5	OH - HPSV - CO. OWNED - WOOD POLE			
6	100W HPS 8,500 L - 35 Ft. 124 Watts	1,211	11.93	$173,367
7	150W HPS 14,400 L - 35 Ft. 193 Watts	685	12.95	$106,449
8	250W HPS 23,200 L - 35 Ft. 313 Watts	433	15.20	$78,979
9	450W HPS 50,000 L - 50 Ft. 485 Watts	140	21.86	$36,725
10	HPSV - DOWNTOWN E.P. AREA CO. OWNED - STEEL BASE STANDARD AND LUMINAIRE			
11	450W HPS, 50,000L - OH 485 Watts	84	37.70	$38,002
12	1000W MV 119,500L OH 1,102W	2	43.18	$1,036
13	1000W MV 119,500L UG 1,102W	7	70.49	$5,921
14	MV- OH SYSTEM - CO-OWNED STEEL POLE			
15	400W MV 20,000L - 460W	71	26.37	$22,467
16	(2) 400W MV 20,000L - 920W	9	37.03	$3,999
17	MV - NON CO OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING			
18	250W MV 11,000L Wall 292W	22	8.96	$2,365
19	400W MV 20,000L - 460W	14	10.88	$1,828
20	MV - NON CO. OWNED - WOOD POLE 35'- UG OR OH RESIDENTIAL / -Replace Lamp Only			
21	175W MV 7,000 L - 195 Watts	5	5.85	$351
22	HPSV NON-CO. OWNED SYSTEMS INTERSTATE OR FREEWAY LIGHTING			
23	150W HPS 16,000 L - Wall 193 Watts	575	8.18	$56,442
24	250W HPS 23,200 L - Wall 313 Watts	94	9.65	$10,885
25	400W HPS 50,000 L - 50 Ft. 485 Watts	1,950	19.10	$446,940
26	400W HPS 50,000 L - 150 Ft. Climbing	102	11.99	$14,676
27	Tower Structure - 485 Watts Per Lamp			
28	400W HPS 50,000 L - 150 Ft. Lowering	0	15.25	$0
29	Tower Structure - 485 Watts Per Lamp			
30	40 Ft. Max. Mounting Height 116 Watts	6	3.52	$253
31	150 Ft. Tower 116 Watts	3	4.21	$152
32	HPSV NON-CO. OWNED SYSTEMS LARGE ARTERIAL LIGHTING			
33	250W HPS 23,200 L - 40 Ft. 313 Watts	384	14.55	$67,046
34	400W HPS 50,000 L - 50 Ft. 485 Watts	636	16.15	$123,257
35	HPSV - NON-CO OWNED - WOOD/STEEL POLE UG OR OH STANDARD RESIDENTIAL SERVICE			
36	100W HPS 8,500L - 124 Watts	4,844	4.34	$252,276
37	150W HPS 14,400 L - 193 Watts	0	5.44	$0
38	250W HPS 23,200 L - 313 Watts	1,897	8.34	$189,852
39	HPSV - OH - NON-CO. OWNED FIXTURE - CO. OWNED EXISTING WOOD POLE (DISTRIBUTION OR STREET LIGHT) CF or D			
40	100W HPS 8,500L - 124 Watts	2,668	5.86	$187,614
41	150W HPS 14,400 L - 193 Watts	2,499	7.08	$212,315
42	250W HPS 23,200 L - 313 Watts	888	8.99	$95,797
43	(2) 250W HPS 23,200 L - 626 Watts	11	15.98	$2,109
44	450W HPS 50,000 L - 485 Watts	52	12.34	$7,700
45	ORNAMENTAL HPSV - NON-CO. OWNED, OPERATED & MAINTAINED (ENERGY ONLY)			
46	175W MH - 210 Watt	489	2.90	$17,017
47	250W MH - 295 Watt	21	3.45	$869
48	HPS ROADWAY ILLUMINATION COMPANY OWNED (ENERGY ONLY)			
49	100W HPS - 124 Watt	246	1.79	$5,284
50	150W HPS - 193 Watt	114	2.78	$3,803
51	250W HPS - 313 Watt	1,526	4.45	$81,488
52	400W HPS - 485 Watt	2,553	10.63	$325,661

Rate Design - Rate No. 8 Street Lighting Service
(NOTE: SEE LIGHTING RATE DESIGN WORKPAPERS (WP/Q-7(b) FOR DETAIL)

Line No.	Description	Active Lamps	Estimated Rate w/o Fuel	Estimated Revenues
53	MV TO LED - OH SYSTEM CO. OWNED - 35' WOOD POLE			
54	175W MV 7,000L - 65W	1,371	9.73	$160,078
55	250W MV 11,000L - 100W	64	12.16	$9,339
56	400W MV 20,000L - 100W	55	14.43	$9,524
57	LED- OH - EXISTING WOOD/STEEL POLE STANDARD RESIDENTIAL COMPANY OWNED (ENERGY ONLY)			
58	65W LED 8,500L OH Existing- 35 ft 65 Watt	122	9.51	$13,923
59	95W LED 14,400L OH Existing- 35 ft 95 Watt	0	10.85	$0
60	125W LED 23,000L OH Existing- 35 ft 116 Watt	34	12.98	$5,296
61	400W LED 50,000L OH Existing- 50 ft 159 Watt	0	18.81	$0
62	LIGHT-EMITTING DIODE ("LED") - ENERGY ONLY			
63	1W-20W LED	0	0.12	$0
64	21W-30W LED	24	0.44	$127
65	31W-40W LED	7,487	0.42	$37,734
66	41W-50W LED	135	0.54	$875
67	51W-60W LED	10	0.66	$79
68	61W-70W LED	2,400	0.78	$22,464
69	71W-80W LED	73	0.90	$788
70	81W-90W LED	15	1.02	$184
71	91W-100W LED	1,230	1.14	$16,826
72	101W-110W LED	2,489	1.26	$37,634
73	111W-130W LED	2,091	1.44	$36,132
74	131W-150W LED	664	1.68	$13,386
75	151W-170W LED	1,146	1.92	$26,404
76	171W-190W LED	138	2.16	$3,577
77	191W-210W LED	0	2.40	$0
78	211W-230W LED	192	2.64	$6,083
79	231W-250W LED	161	2.88	$5,564
80	251W-270W LED	1,332	3 12	$49,870
81	271W-300W LED	0	3.42	$0
82	301W-330W LED	0	3.78	$0
83	331W-360W LED	0	4.14	$0
84	361W-390W LED	0	4.50	$0
85	391W-420W LED	0	4.86	$0
86	421W-450W LED	0	5.22	$0
87	451W-480W LED	0	5.58	$0
88	481W-510W LED	0	5.94	$0
89	511W-540W LED	0	6.30	$0
90	541W-570W LED	0	6 66	$0
91	NON CO OWNED LED ON CO OWNED POLES			
92	Energy	237,958	0.03370	$8,019
93	Pole Attachments	569	1.57	$10,720
94	Total (excludes pole attachment count)	46,010		$3,133,827
95	Target Base Revenue			$3,133,398
96	Difference from Target Base Revenue			$429
97	kWh	36,054,763		
98	Metered Service:			
99	Customer Charge		$9.71	
100	Energy Charge		$0.03370	

Rate Design - Rate No. 9 Traffic Signals Service
(NOTE: SEE LIGHTING RATE DESIGN WORKPAPERS (WP/Q-7(b) FOR DETAIL)

Line No.	Description	Active Lamps	Estimated Rate w/o Fuel	Estimated Revenues
	INCANDESCENT TRAFFIC SIGNALS (MONTHLY RATE PER UNIT)			
	Flashing Lights			
1	2 Unit School Flasher-790 Annl BH 133 Watts	2	4.40	$106
2	30 Watt Controller - 24 Hours - 30 Watts	47	0.99	$558
3	100 Watt Controller - 100 - 100 Watts	659	3.31	$26,175
4				
5	LIGHT-EMITTING DIODE ("LED") TRAFFIC SIGNALS			
6	TYPE OF UNIT			
7	5 Lamp Head - 24 Hours - 14 Watts	777	0.75	$6,993
8	3 Lamp Head - 24 Hours - 14 Watts	6,169	0.46	$34,053
9	3 Lamp Head - 18 Norm 6 Flash - 14 Watts	0	0.46	$0
10	4 Lamp Head - 24 Hours - 14 Watts	200	0.75	$1,800
11	4 Lamp Head - 18 Norm 6 Flash - 14 Watts	0	0.75	$0
12	2 Unit Walk Light - 24 Hours - 9 Watts	4,832	0.29	$16,815
13	2 Unit Walk Light - 18 Norm 6 Flash-9 Watt	0	0.29	$0
14	1 Unit Flashing - 24 Hours - 14 Watts	263	0.43	$1,357
15	2 Unit Flashing - 24 Hours - 14 Watts	8	0.46	$44
16	2 Unit School Flasher-351 Annl BH 14 Watts	0	0.46	$0
17	2 Unit School Flasher-790 Annl BH 14 Watts	1,021	0.46	$5,636
18	4 Unit School Flasher-351 Annl BH 14 Watts	0	0.75	$0
19	4 Unit School Flasher-790 Annl BH 14 Watts	0	0.75	$0
20	Bike Lane Signals	0	0.33	$0
20	Metered Service:			$0
21	Customer Charge	312	$12.34	$3,850
22	Energy Charge	68,022	$0.03747	$2,549
23				
24	Total	13,978		$99,937
25	Target Base Revenue			$100,440
26	Difference from Target Base Revenue			-$503
27	kWh	2,655,162		

Rate Design - Rate No. 11-TOU, Water Pumping Service - Time of Use

Line	Item	Description	4 Hour On Peak 1 - 5 pm MDT	10 Hour Shoulder Peak 10 am - 8 pm MDT
1	A	Incremental Capacity Cost	$113.81	$113.81
2	B	On-Peak Recovery %	60.00%	60.00%
3	C	On-Peak Hours	4	10
4	D	Expected On-Peak Load Factor	84.66%	82.30%
5	E	Number of Peak Days for the Period	88	88
6	P	Price for On-Peak Adder ($/kWh)	$0.22914	$0.09429
		Where: P = (A * B) / (C * D * E)		
7		Price for On-Peak Adder ($/kW)	$ -	
8		Target Revenue		

Line	Description	Billing Units	Non-Fuel Unit Rate	Current Base (Non-Fuel) Revenues
1	Target Revenue			$ 10,389,089
2	Customer Charge	4,824	$97.87	472,125
3	Non-Customer Charge Revenue Target			$ 9,916,965
4	On-Peak Energy Adder - Secondary	5,548,838	$0.22914	1,271,461
5	Shoulder-Peak Adder - Secondary	8,306,156	$0.09429	783,187
6	Off-Peak Energy Secondary	123,976,228	$0.04240	5,256,592
7	On-Peak Energy Adder - Primary	1,926,608	$0.22622	435,837
8	Shoulder-Peak Adder - Primary	2,849,090	$0.09137	260,321
9	Off-Peak Energy Primary	48,374,126	$0.03948	1,909,810
10	kWh and Total Revenues	172,350,354		$ 10,389,334
11	Difference from Revenue Target			$ 245
12	Primary/Secondary Differential		$0.00292	
13	DEC Customer Component Cost		$472,148	
14	Final Rates	Secondary	Primary	
15	Customer Charge	$97.87	$97.87	
16	Summer Energy Charge (On-Peak)	$0.27154	$0.26570	
17	Summer Energy Charge (Shoulder-Peak)	$0.13669	$0.13085	
18	Summer Energy Charge (Off-Peak)	$0.04240	$0.03948	
19	Non-Summer Energy Charge			
20		COS Data	$/kWh - Primary	$/kWh - Secondary
21	DEMAND DISTRIBUTION	$0.010677	$0.007758	$0.010677
22	DEMAND POLES, TOWER, FIXTURES PRIMARY	$0.001635	$0.001635	$0.001635
23	DEMAND POLES, TOWER, FIXTURES SECONDARY	$0.000863		$0.000863
24	DEMAND DISTRIBUTION OVHD PRIMARY	$0.001564	$0.001564	$0.001564
25	DEMAND DISTRIBUTION OVHD SECONDARY	$0.000180		$0.000180
26	DEMAND DISTRIBUTION UNGD PRIMARY	$0.002895	$0.002895	$0.002895
27	DEMAND DISTRIBUTION UNGD SECONDARY	$0.000763		$0.000763
28	DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$0.001663	$0.001663	$0.001663
29	DEMAND DISTRIBUTION LINE TRNSFMR SECONDAR'	$0.001113		$0.001113

Rate Design - Rate No. 11, Water Pumping - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	4	4	4	4	16
1	Total Hours	88	92	84	88	352
2	On-Peak Load Factor	80.20%	85.01%	89.26%	84.19%	84.66%
3	On-Peak Energy Used	330,931	368,080	324,730	321,105	1,344,846
4	On-Peak Maximum Class Demand	4,689.14	4,706.34	4,331.23	4,334.03	18,061
						Annual
5	On-Peak kWh					1,344,846
6	Total kWh					31,587,654
7	Percent Total					4.26%
	Shoulder-Peak Hours	10	10	10	10	40
1	Total Hours	220	230	210	220	880
2	Shoulder-Peak Load Factor	74.88%	83.83%	87.78%	82.70%	82.30%
3	Shoulder-Peak Energy Used	821,976	907,544	802,853	788,746	3,321,119
4	Shoulder-Peak Maximum Class Dem	4,989.52	4,706.99	4,355.46	4,335.27	18,387
						Annual
5	Shoulder Peak kWh					3,321,119
6	Total kWh					31,587,654
7	Percent Total					10.51%

Rate Design - Rate No. 15, Electrolytic Refining Service

Line	Item	Description	6 Hour On Peak 12 - 6 pm MDT	Notes	Rate I Line
1	A	Incremental Capacity Cost	$ 113.81		1
2	B	On-Peak Recovery %	65.00%	$73.98	2
3	C	On-Peak Hours	6		3
4	D	Expected On-Peak Load Factor	72.82%		4
5	E	On-Peak Days	88	(Include holidays)	
6	P	Price for On-Peak Adder ($/kWh)	$ 0.14431	75% = L	
		Where: P = (A * B * L) / (C * D * E)			
7		Price for On-Peak Adder ($/kW)	$ 4.62	25%	
8		Non-Fuel Revenue Target	$ 2,279,361		

On-Peak Months of June through September - 4 Months

	Time of Dat Rate Design	Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	On-Peak Energy Adder	2,815,765	$0.14431	$ 406,343
10	Off-Peak Base Rate	42,604,774	$0.00101	43,031
11	Total Annual kW	90,000		
12	Billed kW - Firm - Summer	30,000	$23.37	701,100
13	Billed kW - Firm - Non-Summer	60,000	$18.75	1,125,000
14	Customer Charge	12	$22.07	265
15	Interconnection Charge	$ 79,134.11	4.7384%	3,750
16	Total Proof of Revenues			$ 2,279,488

	Time of Day Rate Design for On-Peak Set at 12 - 6 pm MDT	10% Demand $ to Energy $	Adjusted Target Revenues	Final Adj Unit Rates	Revenues
17	On-Peak Energy Adder	$ -	$ 406,343	$0.14431	$ 406,343
18	Off-Peak Base Rate	$ 182,610	225,641	$0.00530	225,805
19	Billed kW - Firm - Summer			$21.34	640,200
20	Billed kW - Firm - Non-Summer			$16.72	1,003,200
21	Customer Charge			$22.07	265
22	Interconnection Charge			4.7384%	3,750
23	Total Proof of Revenues				$ 2,279,563
24	Difference from Target Revenue				$ 74
25	Demand to Move	$ 182,610			
26	Difference from Target Adjustment			$0.00000	
27	CUSTOMER COMPONENTS ($/ANNUAL CUSTOMERS)			$22.072	
28	DEMAND COMPONENTS UNIT COST ($/kW)			$20.288	
	Adjusted for Price for On-Peak Adder ($/kW)			$18.748	

	Final Rates	Rate
29		
30	On-Peak Energy Rate ($/kWh) (6 Hour On-Peak Rat	$0.14961
31	Base Energy Rate ($/kWh)	$0.00530
32	Demand Rate ($/kW) - Summer	$21.34
33	Demand Rate ($/kW) - Non-Summer	$16.72
34	Monthly Customer Charge	$22.07

Design - Rate No. 15, Electrolytic Refining Service - Load Study Data

	June 2020	July 2020	August 2020	September 2020	Total
On-Peak Hours	6	6	6	6	24
Total Hours	132	138	126	132	528
On-Peak Load Factor	69.12%	72.92%	75.04%	74.20%	72.82%
On-Peak Energy Used	1,302,195	1,539,692	1,196,499	1,379,488	5,417,874
On-Peak Maximum Class Demand	14,273.28	15,301.44	12,655.44	14,085.12	56,315

Rate Design - Rate No. WH, Water Heating Service

Line	Description	Billing Units	Non-Fuel Unit Rate	Current Base (Non-Fuel) Revenues
1	Target Revenue			$ 539,073
2	Less: Customer Charge	38,004	$4.84	183,939
3	Non-Customer Charge Revenue Target			$ 355,134
4	Energy Charge ($/kWh) Jun-Sep	1,334,123	$0.08411	112,213
5	Energy Charge ($/kWh) Oct-May	3,789,517	$0.06411	242,946
6	kWh and Total Base Revenues	5,123,640		$ 539,098
7	Difference from Target Revenue			$ 25
8	Summer/Non-Summer Differential		$0.02000	
9	Difference from Target Adjustment		$0.00002	
10	DEC Customer Component Cost		$183,826	

Rate Design - Rate No. 22, Irrigation Service

Line	Description	Billing Units	Non-Fuel Unit Rate	Current Base (Non-Fuel) Revenues
1	Target Revenue			$ 569,272
2	Less: Customer Charge	1,728	$22.99	39,727
3	Non-Customer Charge Revenue Target			$ 529,545
4	Energy Charge ($/kWh) Summer (Jun-Sep)	1,927,917	$0.15284	294,663
5	Energy Charge ($/kWh) Non-Summer	1,912,112	$0.12284	234,884
6	kWh and Total Revenues	3,840,029		$ 569,273
7	Difference from Target Revenue			$ 2
8	Summer/Non-summer Differential		$0.03000	
9	Difference from Target Adjustment		$0.00000	
10	DEC Customer Component Unit Cost		$22.994	

Rate Design - Rate No. 22, Irrigation Service - Time Of Use Option

Line	Item	Description	4 Hour On Peak 1 - 5 pm MDT	Notes
1	A	Incremental Capacity Cost	$113.81	
2	B	On-Peak Recovery %	65.00%	$73.98
3	C	On-Peak Hours	4	
4	D	Expected On-Peak Load Factor	51.43%	
5	E	Number of On-Peak Days for the Period	88	(Include holidays)
6	P	Price for On-Peak Usage after base charge($/kWh)	$0.4 0861	
Where:		P = (A * B) / (C * D * E)		
7		Target Revenue	$569,272	

Time of Use Rate Design		Units	Unit Rate	1 - 5 pm MDT Revenues
8	On-Peak Energy Adder (Charged for On-Peak kWh)	226,282	$0.40861	$ 92,461
9	Off-Peak Energy Charge	1,927,917	$0.10488	202,200
10	Non-Summer Energy Charge	1,912,112	$0.12284	234,884
11	Monthly Customer Charge	1,728	$22.99	39,727
12	Time-of-Use Proof of Revenues			$ 569,272
13	Difference from Revenue Target			$ 0
14	Final Energy Rates		Base Rate	
15	On-Peak Rate		$0.51349	
	Off-Peak Energy Charge		$0.10488	
16	Non-Summer Energy Charge		$0.12284	
17	Difference from Target Adjustment		$0.00000	
18	TOU Meter Adjustment		$0.00	

Rate Design - Rate No. 22, Irrigation Service - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
1	On-Peak Hours	4	4	4	4	16
2	Total Hours	88	92	84	88	352
3	On-Peak Load Factor	45.18%	47.96%	49.08%	63.51%	51.43%
4	On-Peak Energy Used	546	685	591	651	2,473
5	On-Peak Maximum Class Demand	13.73	15.54	14.32	11.65	55
6						Annual
7	OnPeak kWh					2,473
8	Total kWh					41,974
9	Percent Total					5.89%

Rate Design - Rate No. 24, General Service

Line	Description	Billing Units	Non-Fuel Unit Rate	Current Base (Non-Fuel) Revenues
1	Target Revenue			$ 122,111,933
2	Secondary Voltage			
3	Customer Charge	87,780	$62.60	$ 5,495,028
4	Demand Charge (Jun - Sep)	1,686,410	$11.33	19,107,025
5	Energy Charge (Jun - Sep) - First 200 kWh/kW	320,367,797	$0.10117	32,411,610
6	Energy Charge (Jun - Sep) - Next 150 kWh/kW	157,116,269	$0.08117	12,753,128
7	Energy Charge (Jun - Sep) - All Other kWh	95,107,736	$0.06117	5,817,740
8	Demand Charge (Oct - May)	2,826,726	$3.74	10,571,955
9	Energy Charge (Oct - May) - First 200 kWh/kW	513,673,513	$0.05030	25,837,778
10	Energy Charge (Oct - May) - Next 150 kWh/kW	218,727,492	$0.03030	6,627,443
11	Energy Charge (Oct - May) - All Other kWh	113,476,490	$0.01030	1,168,808
12	Total Secondary kWh Sales and Revenues	1,418,469,296		$ 119,790,515
13	Primary Voltage			
14	Customer Charge	432	$62.60	$ 27,043
15	Demand Charge (Jun - Sep)	32,919	$11.01	362,438
16	Energy Charge (Jun - Sep) - First 200 kWh/kW	6,162,010	$0.09877	608,622
17	Energy Charge (Jun - Sep) - Next 150 kWh/kW	4,246,548	$0.07877	334,501
18	Energy Charge (Jun - Sep) - All Other kWh	3,343,679	$0.05877	196,508
19	Demand Charge (Oct - May)	53,002	$3.42	181,267
20	Energy Charge (Oct - May) - First 200 kWh/kW	9,403,250	$0.04791	450,510
21	Energy Charge (Oct - May) - Next 150 kWh/kW	5,774,721	$0.02791	161,172
22	Energy Charge (Oct - May) - All Other kWh	3,402,140	$0.00791	26,911
23	Total Primary kWh Sales and Revenues	32,332,348		$ 2,348,972
24	Transmission Voltage			
25	Customer Charge	0	$62.60	$ -
26	Demand Charge (Jun - Sep)	0	$10.13	-
27	Energy Charge (Jun - Sep) - First 200 kWh/kW	0	$0.09230	-
28	Energy Charge (Jun - Sep) - Next 150 kWh/kW	0	$0.07230	-
29	Energy Charge (Jun - Sep) - All Other kWh	0	$0.05230	-
30	Demand Charge (Oct - May)	0	$2.54	-
31	Energy Charge (Oct - May) - First 200 kWh/kW	0	$0.04144	-
32	Energy Charge (Oct - May) - Next 150 kWh/kW	0	$0.02144	-
33	Energy Charge (Oct - May) - All Other kWh	0	$0.00144	-
34	Total Primary kWh Sales and Revenues	0		$ -
24	kWh and Total Revenues	1,450,801,644		$ 122,139,487
25	Community Solar Base Credit	508,962	($0.053025)	(26,988)
26				$ 122,112,499
27	Difference from Target Revenue			$ 565
28				
29	Difference from Target Adjustment - kW		$0.00	
30	Difference from Target Adjustment - kWh		($0.00873)	Below energy cost!
30	Summer to Non-Summer Price Differential		$0.00000	
31	Block to Block Price Differential		$0.02000	
32	Rate Tilt (Demand $ to Energy $)		70.00%	
33	Production Demand $ Recovered in Summer Months		82.00%	

Rate Design - Rate No. 24, General Service					
34	DEC Production Component Unit Cost		$0.042080		
35	DEC Energy Component Unit Cost		$0.010945		
36	Community Solar Base Credit		$0.053025		
37	DEC Customer Component Cost		$5,522,311.113		
38	DEMAND COMPONENTS ($/kW) for Summer Months	COS Data	$/kW - Transmission	$/kW - Primary	$/kW - Secondary
39	DEMAND PRODUCTION	$50,060,721	$8.735	$8.735	$8.735
40	DEMAND TRANSMISSION	$12,990,061	$0.847	$0.847	$0.847
41	DEMAND DISTRIBUTION	$26,670,681			
42	DEMAND DISTRIBUTION LOAD DISPATCHING	$8,408,506	$0.548	$0.548	$0.548
43	DEMAND DISTRIBUTION POLES, TOWERS, FIXTURES	$4,318,343			
44	DEMAND POLES, TOWER, FIXTURES PRIMARY	$2,851,196		$0.186	$0.186
45	DEMAND POLES, TOWER, FIXTURES SECONDARY	$1,467,147			$0.098
46	DEMAND DISTRIBUTION OVERHEAD LINES	$3,037,621			
47	DEMAND DISTRIBUTION OVHD PRIMARY	$2,730,343		$0.178	$0.178
48	DEMAND DISTRIBUTION OVHD SECONDARY	$307,279			$0.020
49	DEMAND DISTRIBUTION UNDERGROUND LINES	$6,269,445			
50	DEMAND DISTRIBUTION UNGD PRIMARY	$4,996,257		$0.326	$0.326
51	DEMAND DISTRIBUTION UNGD SECONDARY	$1,273,188			$0.085
52	DEMAND DISTRIBUTION LINE TRANSFORMER	$4,636,765			
53	DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$2,829,162		$0.185	$0.185
54	DEMAND DISTRIBUTION LINE TRNSFMR SECONDARY	$1,807,603			$0.120
55	Total Demand Transmission and Distribution		$10.131	$11.005	$11.328
56	DEC Customer Component Unit Cost for Non-Summer Months				
57	DEMAND COMPONENTS ($/kW)				
58	DEMAND PRODUCTION	$10,988,939	$1.145	$1.145	$1.145
59	DEMAND TRANSMISSION	$12,990,061	$0.847	$0.847	$0.847
60	DEMAND DISTRIBUTION	$26,670,681			
61	DEMAND DISTRIBUTION LOAD DISPATCHING	$8,408,506	$0.548	$0.548	$0.548
62	DEMAND DISTRIBUTION POLES, TOWERS, FIXTURES	$4,318,343			
63	DEMAND POLES, TOWER, FIXTURES PRIMARY	$2,851,196		$0.186	$0.186
64	DEMAND POLES, TOWER, FIXTURES SECONDARY	$1,467,147			$0.098
65	DEMAND DISTRIBUTION OVERHEAD LINES	$3,037,621			
66	DEMAND DISTRIBUTION OVHD PRIMARY	$2,730,343		$0.178	$0.178
67	DEMAND DISTRIBUTION OVHD SECONDARY	$307,279			$0.020
68	DEMAND DISTRIBUTION UNDERGROUND LINES	$6,269,445			
69	DEMAND DISTRIBUTION UNGD PRIMARY	$4,996,257		$0.326	$0.326
70	DEMAND DISTRIBUTION UNGD SECONDARY	$1,273,188			$0.085
71	DEMAND DISTRIBUTION LINE TRANSFORMER	$4,636,765			
72	DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$2,829,162		$0.185	$0.185
73	DEMAND DISTRIBUTION LINE TRNSFMR SECONDARY	$1,807,603			$0.120
74	Total Demand Transmission and Distribution		$2.541	$3.415	$3.738

Rate Design - Rate No. 24, General Service

57	DEMAND COMPONENTS ($/kWh) for Summer Months	COS Data	$/kWh - Transmission	$/kWh - Primary	$/kWh - Secondary
58	DEMAND PRODUCTION	$50,060,721	$0.0597644	$0.0597644	$0.0597644
59	DEMAND TRANSMISSION	$12,990,061	$0.0062676	$0.0062676	$0.0062676
60	DEMAND DISTRIBUTION	$26,670,681			
61	DEMAND DISTRIBUTION LOAD DISPATCHING	$8,408,506	$0.0040570	$0.0040570	$0.0040570
62	DEMAND DISTRIBUTION POLES, TOWERS, FIXTURES	$4,318,343			
63	DEMAND POLES, TOWER, FIXTURES PRIMARY	$2,851,196		$0.0013757	$0.0013757
64	DEMAND POLES, TOWER, FIXTURES SECONDARY	$1,467,147			$0.0007240
65	DEMAND DISTRIBUTION OVERHEAD LINES	$3,037,621			
66	DEMAND DISTRIBUTION OVHD PRIMARY	$2,730,343		$0.0013174	$0.0013174
67	DEMAND DISTRIBUTION OVHD SECONDARY	$307,279			$0.0001516
68	DEMAND DISTRIBUTION UNDERGROUND LINES	$6,269,445			
69	DEMAND DISTRIBUTION UNGD PRIMARY	$4,996,257		$0.0024107	$0.0024107
70	DEMAND DISTRIBUTION UNGD SECONDARY	$1,273,188			$0.0006283
71	DEMAND DISTRIBUTION LINE TRANSFORMER	$4,636,765			
72	DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$2,829,162		$0.0013650	$0.0013650
73	DEMAND DISTRIBUTION LINE TRNSFMR SECONDARY	$1,807,603			$0.0008920
74	Total Demand Transmission and Distribution		$0.0700890	$0.0765578	$0.0789538
75	ENERGY COMPONENTS UNIT COST ($/kWh)	$15,879,220	$0.0109451	$0.0109451	$0.0109451
76	Total Demand and Energy Unit Cost ($/kWh)		$0.0810342	$0.0875029	$0.0898989

59	DEMAND COMPONENTS ($/kWh) for Non-Summer Months	COS Data	$/kWh - Transmission	$/kWh - Primary	$/kWh - Secondary
60	DEMAND PRODUCTION	$10,988,939	$0.0088984	$0.0088984	$0.0088984
61	DEMAND TRANSMISSION	$12,990,061	$0.0062676	$0.0062676	$0.0062676
62	DEMAND DISTRIBUTION	$26,670,681			
63	DEMAND DISTRIBUTION LOAD DISPATCHING	$8,408,506	$0.0040570	$0.0040570	$0.0040570
64	DEMAND DISTRIBUTION POLES, TOWERS, FIXTURES	$4,318,343			
65	DEMAND POLES, TOWER, FIXTURES PRIMARY	$2,851,196		$0.0013757	$0.0013757
66	DEMAND POLES, TOWER, FIXTURES SECONDARY	$1,467,147			$0.0007240
67	DEMAND DISTRIBUTION OVERHEAD LINES	$3,037,621			
68	DEMAND DISTRIBUTION OVHD PRIMARY	$2,730,343		$0.0013174	$0.0013174
69	DEMAND DISTRIBUTION OVHD SECONDARY	$307,279			$0.0001516
70	DEMAND DISTRIBUTION UNDERGROUND LINES	$6,269,445			
71	DEMAND DISTRIBUTION UNGD PRIMARY	$4,996,257		$0.0024107	$0.0024107
72	DEMAND DISTRIBUTION UNGD SECONDARY	$1,273,188			$0.0006283
73	DEMAND DISTRIBUTION LINE TRANSFORMER	$4,636,765			
74	DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$2,829,162		$0.0013650	$0.0013650
75	DEMAND DISTRIBUTION LINE TRNSFMR SECONDARY	$1,807,603			$0.0008920
76	Total Demand Transmission and Distribution		$0.0192230	$0.0256917	$0.0280877
77	ENERGY COMPONENTS UNIT COST ($/kWh)	$15,879,220	$0.0109451	$0.0109451	$0.0109451
78	Total Demand and Energy Unit Cost ($/kWh)		$0.0301681	$0.0366369	$0.0390329

Rate Design - Rate No. 24, General Service - Time of Use Option

Line	Item	Description	Adder for 12 - 6 pm MDT		Notes
1	A	Incremental Capacity Cost	$113.81		
2	B	On-Peak Recovery %	80.00%	$91.05	
3	C	On-Peak Hours	6		
4	D	Expected On-Peak Load Factor	86.62%		
5	E	On-Peak Days	88	(Include holidays)	
6	P	Price for On-Peak Adder ($/kWh) Before Losses Where: P = (A * B) / (C * D * E) * L	$ 0.14932	75%	
7		Price for On-Peak Adder ($/kW)	$ 5.69	25%	
8		Non-Fuel Revenue Target	$122,111,933		

On-Peak Months of June through September - 4 Months

Time of Use Rate Design		Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	Secondary Voltage			
10	On-Peak Energy Adder	143,471,563	$0.14932	$ 21,423,174
11	Off-Peak Base Rate	572,591,802	$0.05162	29,559,304
12	Non-Summer Energy Charge	845,877,494	$0.03976	33,634,029
13	Total Annual kW - Firm	4,513,136		
14	Demand Charge ($/kW) Summer	1,686,410	$11.33	19,107,025
15	Demand Charge ($/kW) Non-Summer	2,826,726	$3.74	10,571,955
16	Customer Charge	87,780	$62.60	5,495,028
17	Secondary Voltage Total kWh and Revenue	1,418,469,296		$ 119,790,515
18	Primary Voltage			
19	On-Peak Energy Adder	3,270,266	$0.14932	$ 488,316
20	Off-Peak Base Rate	13,752,237	$0.04736	651,315
21	Non-Summer Energy Charge	18,580,111	$0.03437	638,593
22	Total Annual kW - Firm	85,921		
23	Demand Charge ($/kW) Summer	32,919	$11.01	362,438
24	Demand Charge ($/kW) Non-Summer	53,002	$3.42	181,267
25	Customer Charge	432	$62.60	27,043
26	Primary Voltage Total kWh and Revenue	32,332,348		$ 2,348,972
27	Transmission Voltage			
28	On-Peak Energy Adder	0	$0.14932	$ -
29	Off-Peak Base Rate	0	$0.04089	0
30	Non-Summer Energy Charge	0	$0.02790	0
31	Total Annual kW - Firm	0		
32	Demand Charge ($/kW) Summer	0	$10.13	0
33	Demand Charge ($/kW) Non-Summer	0	$2.54	0
34	Customer Charge	0	$62.60	0
35	Transmission Voltage Total kWh and Revenue	0		$ -
36	Total kWh and Revenues	1,450,801,644		$ 122,139,487
37	Community Solar Base Credit	$508,962	-0.053025	(26,988)
				$ 122,112,499
38	Difference from Target Revenue			$ 565
39	TOU Meter Adjustment		$0.00	

Rate Design - Rate No. 24, General Service - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	On-Peak Load Factor	88.97%	87.90%	89.99%	79.61%	86.62%
3	On-Peak Energy Used	4,752	5,397	4,947	4,268	19,364
4	On-Peak Maximum Class Demand	40.46	44.49	43.63	40.61	169
5						Annual
6	OnPeak kWh					19,364
	Total kWh					191,449
7	Percent Total					10.11%

Rate Design - Rate No. 24A, General Service - Off-Peak Demand Time of Day Option

Line	Item	Description	Adder for 12 - 6 pm MDT		Notes
1	A	Incremental Capacity Cost	$113.81		
2	B	On-Peak Recovery %	100.00%	$28.45	
3	C	On-Peak Hours	6		
4	D	Expected On-Peak Load Factor	86.62%		
5	E	On-Peak Days	88	(Include holidays)	
6	P	Price for On-Peak Adder ($/kWh) Before Losses	$ 0.16176	65%	
		Where: P = (A * B) / (C * D * E) * L			
7		Price for On-Peak Adder ($/kW)	$ 9.96	35%	
8		Non-Fuel Revenue Target	$122,111,933		

On-Peak Months of June through September - 4 Months

	Time of Use Rate Design	Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	Secondary Voltage			
10	On-Peak Energy Adder	0	$0.16176	$ -
11	Off-Peak Base Rate	572,591,802	$0.05162	29,559,304
12	Non-Summer Energy Charge	845,877,494	$0.03976	33,634,029
13	Total Annual kW - Firm	4,513,136		
14	Demand Charge ($/kW) Summer On-Peak		$13.70	
15	Demand Charge ($/kW) Summer Maximum	1,686,410	$3.74	6,307,173
16	Demand Charge ($/kW) Non-Summer	2,826,726	$3.74	10,571,955
17	Customer Charge	87,780	$62.60	5,495,028
18	Secondary Voltage Total kWh and Revenue	1,418,469,296		$ 85,567,489
19	Primary Voltage			
20	On-Peak Energy Adder	0	$0.16176	$ -
21	Off-Peak Base Rate	13,752,237	$0 04736	792,949
22	Non-Summer Energy Charge	18,580,111	$0.03437	638,593
23	Total Annual kW - Firm	85,921		
24	Demand Charge ($/kW) Summer On-Peak		$13.38	
24	Demand Charge ($/kW) Summer Maximum	32,919	$3.42	112,583
25	Demand Charge ($/kW) Non-Summer	53,002	$3.42	181,267
26	Customer Charge	432	$62.60	27,043
27	Primary Voltage Total kWh and Revenue	32,332,348		$ 1,752,435
28	Transmission Voltage			
29	On-Peak Energy Adder	0	$0.16176	$ -
30	Off-Peak Base Rate	0	$0 04089	0
31	Non-Summer Energy Charge	0	$0.02790	0
32	Total Annual kW - Firm	0		
33	Demand Charge ($/kW) Summer On-Peak		$12.50	
33	Demand Charge ($/kW) Summer Maximum	0	$2.54	0
34	Demand Charge ($/kW) Non-Summer	0	$2.54	0
35	Customer Charge	0	$62.60	0
36	Transmission Voltage Total kWh and Revenue	0		$ -
37	Total kWh and Revenues	1,450,801,644		$ 87,319,924
38	Community Solar Base Credit	$508,962	-0.053025	(26,988)
				$ 87,292,936
39	Difference from Target Revenue			$ (34,818,997)
40	TOU Meter Adjustment		$0.00	

Rate Design - Rate No. 24, General Service - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	On-Peak Load Factor	88.97%	87.90%	89.99%	79.61%	86.62%
3	On-Peak Energy Used	4,752	5,397	4,947	4,268	19,364
4	On-Peak Maximum Class Demand	40.46	44.49	43.63	40.61	169
5						Annual
6	OnPeak kWh					19,364
	Total kWh					191,449
7	Percent Total					10.11%

Rate Design - Rate No. 2S, Large Power Service

Line	Item	Description	Adder for 12 - 6 pm MDT Secondary	Notes	Primary	Transmission	Notes
1	A	Incremental Capacity Cost	$113.81		$113.81	$113.81	
2	B	On-Peak Recovery %	65.00%		65.00%	65.00%	$73.98
3	C	On-Peak Hours	6		6	6	
4	D	Expected On-Peak Load Factor	92.23%		89.89%	67.14%	
5	E	On-Peak Days	88		88	88	(Include holidays)
6	P	Price for On-Peak Adder ($/kWh) Before Losses Where: P = (A * B) / (C * D * E) * L	$ 0.11394		$ 0.11690	$ 0.15652	75%
7		Price for On-Peak Adder ($/kW)	$ 4.62		$ 4.62	$ 4.62	25%
8		Non-Fuel Revenue Target	$37,978,192				

On-Peak Months of June through September - 4 Months

	Time of Use Rate Design	Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	Secondary Voltage			
10	On-Peak Energy Adder	34,190,261	$0.11394	$ 3,895,638
11	Off-Peak Base Rate	425,051,982	$0.00119	$05,812
12	Total Annual kW - Firm	1,002,866		
13	Billed kW - Summer	351,587	$25.05	8,807,254
14	Billed kW - Non-Summer	651,279	$20.43	13,305,630
15	Customer Charge	1,080	$1,089.05	1,176,174
16	Secondary Voltage Total kWh and Revenue	459,242,242		$ 27,690,508
17	Primary Voltage			
18	On-Peak Energy Adder	11,935,905	$0.11690	$ 1,395,307
19	Off-Peak Base Rate	178,355,773	$0.00119	213,081
20	Total Annual kW - Firm	380,464		
21	Billed kW - Summer	125,190	$23.65	2,960,744
22	Maximum Demand - Summer	11,057	$11.92	131,799
23	Billed kW - Non-Summer *	255,274	$19.03	4,857,864
24	Customer Charge	228	$1,089.05	248,303
25	Primary Voltage Total kWh and Revenue	190,291,678		$ 9,807,098
26	Transmission Voltage			
27	On-Peak Energy Adder	516,247	$0.15652	$ 80,803
28	Off-Peak Base Rate	7,699,293	$0.00119	9,198
29	Total Annual kW - Firm	18,000		
30	Billed kW - Summer	6,000	$21.36	128,160
31	Billed kW - Non-Summer	12,000	$16.74	200,880
32	Customer Charge	12	$1,089.05	13,069
33	Transmission Voltage Total kWh and Revenue	8,215,540		$ 432,110
34	Total kWh and Revenues, excludes On-Peak Adder	657,749,460		$ 37,929,717
35	Delivery Service Charge	9,600	$4.36	41,856
36	Facilities Rental Charge	29,251	1.2405%	4,354
37				$ 37,975,927
38	Difference Between Proposed Revenue and Revenue Objective			$ (2,265)

Rate Design - Rate No. 25, Large Power Service

39	Energy Loss Adjustment Factor		1.02669		
40	* Adjustment for Delivery Service Charge and Maximum Demand		($0.46000)		
41	DEC Customer Unit Component Cost		$1,089.046		
42	DEMAND COMPONENTS ($/kW)	COS Data	$/kW - Trans	$/kW - Primary	$/kW - Secondary
43	DEMAND PRODUCTION	$19,176,535	$13.6845249	$13.6845249	$13.6845249
44	DEMAND TRANSMISSION	$4,050,203	$2.8902562	$2.8902562	$2.8902562
45	DEMAND DISTRIBUTION	$7,212,078			
46	DEMAND DISTRIBUTION LOAD DISPATCHING	$2,386,511	$1.7030330	$1.7030330	$1.7030330
47	DEMAND DISTRIBUTION POLES, TOWERS, FIX	$1,138,993			
48	DEMAND POLES, TOWER, FIXTURES PRIN	$800,454		$0.5786427	$0.5786427
49	DEMAND POLES, TOWER, FIXTURES SECC	$338,539			$0.3375712
50	DEMAND DISTRIBUTION OVERHEAD LINES	$839,477			
51	DEMAND DISTRIBUTION OVHD PRIMARY	$768,147		$0.5552881	$0.5552881
52	DEMAND DISTRIBUTION OVHD SECONDAF	$71,330			$0.0711263
53	DEMAND DISTRIBUTION UNDERGROUND LIN	$1,685,389			
54	DEMAND DISTRIBUTION UNGD PRIMARY	$1,407,547		$1.0175061	$1.0175061
55	DEMAND DISTRIBUTION UNGD SECONDAF	$277,843			$0.2770486
56	DEMAND DISTRIBUTION LINE TRANSFORMER	$1,161,708			
57	DEMAND DISTRIBUTION LINE TRNSFMR PF	$799,761		$0.5781417	$0.5781417
58	DEMAND DISTRIBUTION LINE TRNSFMR SE	$361,948			$0.3609132
59	Total Demand Transmission and Distribution		$18.2778142	$21.0073928	$22.0540521
60	Adjusted for Price for On-Peak Adder ($/kW)		$16.7378142	$19.4872022	$20.4343622
61	ENERGY COMPONENTS UNIT COST ($/kWh)	$6,101,834	$0.0099849	$0.0099849	$0.0099849
62	Adjusted for Price for On-Peak Adder ($/kWh)	$730,086	$0.0011947	$0.0011947	$0.0011947

Rate Design - Rate No. 25, Large Power Service - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	Secondary Voltage On-Peak Load Factor	94.27%	92.47%	94.57%	87.60%	92.23%
3	Secondary Voltage On-Peak Energy Used	8,434,725	9,364,615	8,731,440	8,371,379	34,902,159
4	Secondary Voltage On-Peak Max. Class Demand	67,783.92	73,387.22	73,277.74	72,400.45	286,849
5	Primary Voltage On-Peak Load Factor	91.72%	91.83%	90.57%	85.45%	89.89%
6	Primary Voltage On-Peak Energy Used	4,028,416	4,321,485	4,064,372	3,978,144	16,392,417
7	Primary Voltage On-Peak Max. Class Demand	33,273.26	34,099.71	35,614.10	35,269.03	138,256
8	Transmission Voltage On-Peak Load Factor	66.22%	65.04%	67.87%	69.42%	67.14%
	Transmission Voltage On-Peak Energy Used	406,203	402,473	413,376	438,003	1,660,055
	Transmission Voltage On-Peak Max. Class Demar	4,647.28	4,484.22	4,833.55	4,779.62	18,745

Rate Design - Rate No. 25A, Off-Peak Demand Large Power Service

Line	Item	Description	Adder for 12 - 6 pm MDT Secondary	Notes	Primary	Transmission	Notes
1	A	Incremental Capacity Cost	$113.81		$113.81	$113.81	
2	B	On-Peak Recovery %	100.00%		100.00%	100.00%	$113.81
3	C	On-Peak Hours	6		6	6	
4	D	Expected On-Peak Load Factor	92.23%		89.89%	67.14%	
5	E	On-Peak Days	88		88	88	(Include holidays)
6	P	Price for On-Peak Adder ($/kWh) Before Losses Where: P = (A * B) / (C * D * E) * L	$ 0.17529		$ 0.17984	$ 0.24079	75%
7		Price for On-Peak Adder ($/kW)	$ 7.11		$ 7.11	$ 7.11	25%
8		Non-Fuel Revenue Target	$37,978,192				

On-Peak Months of June through September - 4 Months

Time of Use Rate Design		Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	Secondary Voltage			
10	On-Peak Energy Adder	0	$0.17529	$ -
11	Off-Peak Base Rate	429,692,198	$0.00119	511,334
12	Total Annual kW - Firm	1,002,866		
13	Billed kW - Summer On-Peak	0	$27.54	0
14	Billed kW - Summer Maximum	351,587	$13.32	4,683,139
15	Billed kW - Non-Summer	651,279	$20.43	13,305,630
16	Customer Charge	1,080	$1,089.05	1,176,174
17	Secondary Voltage Total kWh and Revenue	429,692,198		$ 19,676,277
18	Primary Voltage			
19	On-Peak Energy Adder	0	$0.17984	$ -
20	Off-Peak Base Rate *	178,355,773	$0.00119	213,081
21	Total Annual kW - Firm	391,521		
22	Billed kW - Summer On-Peak		$26.14	
23	Billed kW - Summer Maximum	136,247	$11.92	1,624,064
24	Billed kW - Non-Summer	255,274	$19.03	4,857,864
25	Customer Charge	228	$1,089.05	248,303
26	Primary Voltage Total kWh and Revenue	178,355,773		$ 6,943,312
27	Transmission Voltage			
28	On-Peak Energy Adder	0	$0.24079	$ -
29	Off-Peak Base Rate	7,699,293	$0.00119	9,198
30	Total Annual kW - Firm	18,000		
31	Billed kW - Summer On-Peak		$23.85	
32	Billed kW - Summer Maximum	6,000	$9.63	57,780
33	Billed kW - Non-Summer	12,000	$16.74	200,880
34	Customer Charge	12	$1,089.05	13,069
35	Transmission Voltage Total kWh and Revenue	7,699,293		$ 280,927
36	Total kWh and Revenues, excludes On-Peak Adder	615,747,264		$ 26,900,516
37	Facilities Rental Charge	29,251	1.2405%	4,354
				$ 26,904,870

Rate Design - Rate No. 25A, Off-Peak Demand Large Power Service

38	Difference Between Proposed Revenue and Revenue Objective			$ (11,073,321)	
39	Energy Loss Adjustment Factor		1.02669		
40	Difference from Target Adjustment - kWh		($0.00001)		
41	DEC Customer Unit Component Cost		$1,089.046		
42	DEMAND COMPONENTS ($/kW)	COS Data	$/kW - Trans	$/kW - Primary	$/kW - Secondary
43	DEMAND PRODUCTION	$19,176,535	$13.5773944	$13.5773944	$13.5773944
44	DEMAND TRANSMISSION	$4,050,203	$2.8676296	$2.8676296	$2.8676296
45	DEMAND DISTRIBUTION	$7,212,078			
46	DEMAND DISTRIBUTION LOAD DISPATCHING	$2,386,511	$1.6897007	$1.6897007	$1.6897007
47	DEMAND DISTRIBUTION POLES, TOWERS, FIX	$1,138,993			
48	DEMAND POLES, TOWER, FIXTURES PRIM	$800,454		$0.5740543	$0.5740543
49	DEMAND POLES, TOWER, FIXTURES SECC	$338,539			$0.3375712
50	DEMAND DISTRIBUTION OVERHEAD LINES	$839,477			
51	DEMAND DISTRIBUTION OVHD PRIMARY	$768,147		$0.5508849	$0.5508849
52	DEMAND DISTRIBUTION OVHD SECONDAF	$71,330			$0.0711263
53	DEMAND DISTRIBUTION UNDERGROUND LIN	$1,685,389			
54	DEMAND DISTRIBUTION UNGD PRIMARY	$1,407,547		$1.0094376	$1.0094376
55	DEMAND DISTRIBUTION UNGD SECONDAF	$277,843			$0.2770486
56	DEMAND DISTRIBUTION LINE TRANSFORMER	$1,161,708			
57	DEMAND DISTRIBUTION LINE TRNSFMR PF	$799,761		$0.5735572	$0.5735572
58	DEMAND DISTRIBUTION LINE TRNSFMR SE	$361,948			$0.3609132
59	Total Demand Transmission and Distribution		$18.1347247	$20.8426586	$21.8893180
60	Adjusted for Price for On-Peak Adder ($/kW)		$15.7647247	$18.3684206	$19.3966783
61	ENERGY COMPONENTS UNIT COST ($/kWh)	$6,101,834	$0.0099096	$0.0099096	$0.0099096
62	Adjusted for Price for On-Peak Adder ($/kWh)	$6,101,834	$0.0099096	$0.0099096	$0.0099096

Rate Design - Rate No. 25, Large Power Service - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	Secondary Voltage On-Peak Load Factor	94.27%	92.47%	94.57%	87.60%	92.23%
3	Secondary Voltage On-Peak Energy Used	8,434,725	9,364,615	8,731,440	8,371,379	34,902,159
4	Secondary Voltage On-Peak Max. Class Demand	67,783.92	73,387.22	73,277.74	72,400.45	286,849
5	Primary Voltage On-Peak Load Factor	91 72%	91.83%	90.57%	85.45%	89.89%
6	Primary Voltage On-Peak Energy Used	4,028,416	4,321,485	4,064,372	3,978,144	16,392,417
7	Primary Voltage On-Peak Max. Class Demand	33,273.26	34,099.71	35,614.10	35,269.03	138,256
8	Transmission Voltage On-Peak Load Factor	66.22%	65.04%	67.87%	69.42%	67.14%
	Transmission Voltage On-Peak Energy Used	406,203	402,473	413,376	438,003	1,660,055
	Transmission Voltage On-Peak Max. Class Demar	4,647.28	4,484.22	4,833.55	4,779.62	18,745

Rate Design - Rate No. 26, Petroleum Refinery Service

	Rate Design	Billing Units	Non-Fuel Unit Rate	Calculated Base (Non-Fuel) Revenues
1	Target Revenue			$ 13,184,591
2	Customer Charge	12	$106.31	1,276
3	Non-Customer Charge Revenue Target			$ 13,183,315
4	Energy Charge (kWh)	314,641,719	$0.00998	3,140,124
5	Demand Charge (kW) - Summer (Jun - Sep)	161,600	$23.70	3,829,920
6	Demand Charge (kW) - Non-Summer (Oct - May)	323,200	$19.08	6,166,656
7	Facilities Charge	311,072	1.2405%	46,306
8	kWh and Total Revenues	314,641,719		$ 13,184,282
9	Difference from Target Revenue			$ (309)
10	DEC Customer Unit Component Cost		$106.305	
11	A Incremental Capacity Cost		$113.81	
12	B On-Peak Recovery %		16.25%	
13	Price for On-Peak Adder ($/kW)	= (A * B)/4	$4.62	
14	Difference from Target Adjustment - kW		$0.00	
15	DEMAND COMPONENTS UNIT COST ($/kW)		$20.623	
16	Adjusted for Price for On-Peak Adder ($/kW)		$19.083	

Rate Design - Rate No. 28 Area Lighting Service
(NOTE: SEE LIGHTING RATE DESIGN WORKPAPERS (WP/Q-7(b) FOR DETAIL)

Line No.	Description	Active Lamps	Estimated Rate w/o Fuel	Estimated Revenues
	MV-OH SYSTEM CO. OWNED - WOOD POLE (WITH 35' POLE)/ No longer Install			
1	175W MV 7,000L 195 Watts	67	12.74	$10,243
2	250W MV 11,000L 275 Watts	70	14 42	$12,113
3	400 MV 20,000L 460 Watts	20	18.26	$4,382
4	HPSV OH SYSTEM CO. OWNED - 35' WOOD POLE			
5	100W HPS 8,500L 124 Watts	1,452	11.33	$197,414
6	150W HPS 14,400L 193 Watts	49	12.77	$7,509
7	250W HPS 23,200L 313 Watts	2,234	15.19	$407,214
8	400W HPS 50,000L 485 Watts	68	18.78	$15,324
9	HPSV FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)			
10	100W HPS 9,500L 137 Watts	916	7.10	$78,043
11	250W HPS 27,500L 330 Watts	855	10.95	$112,347
12	400W HPS 50,000L 490 Watts	1,930	14.26	$330,262
13	1000W HPS 119,500L 1103 Watts	1,097	27.88	$367,012
14	METAL HALIDE FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)			
15	400W MH 38,000L 35' Pole 490 Watts	189	15.54	$35,245
16	1000W MH 115,500L 35' Pole 1100 Watts	375	27 93	$125,685
17	HPSV FLOODLIGHT WITH NEW CO. SUPPLIED WOOD POLE			
18	100W HPS 9,500L 35' Pole 137 Watts	477	11.93	$68,287
19	250W HPS 27,500L 35' Pole 330 Watts	272	15 86	$51,767
20	400W HPS 50,000L 35' Pole 490 Watts	1,042	19.10	$238,826
21	1000W HPS 119,500L 35' Pole 1103 Watts	181	34 62	$75,195
22	1000W HPS 119,500L 45' Pole 1103 Watts	885	35 74	$379,559
23	METAL HALIDE FLOODLIGHT WITH NEW CO. WOOD POLE			
24	400W MH 38,000L 35' Pole 490 Watts	86	24.38	$25,160
25	1000W MH 115,500L 35' Pole 1100 Watts	90	36.02	$38,902
26	1000W MH 115,500L 45' Pole 1100 Watts	216	37.15	$96,293
27	LED AREA LIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)			
28	31W-100W LED light equivalent to 150W HPS	7	7.97	$669
29	LED AREA LIGHT OH SYSTEM CO OWNED - 35' WOOD POLE			
30	31W-100W LED light equivalent to 150W HPS	8	9.96	$956
31	LED FLOODLIGHT ON EXISTING WOOD POLE (DISTRIBUTION OR LIGHTING)			
32	31W-100W LED light equivalent to 150W HPS	4	8.03	$385
33	101W-200W LED light equivalent to 400W HPS	27	11.26	$3,648
34	250W-400W LED light equivalent to 1000W HPS	8	16.38	$1,572
35	400W-500W LED	0	17 12	$0
35	LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT WOOD POLE			
36	31W-100W LED light equivalent to 150W HPS	1	10.03	$120
37	101W-200W LED light equivalent to 400W HPS	20	13.26	$3,182
38	250W-400W LED light equivalent to 1000W HPS	7	18.42	$1,547
39	LED FLOODLIGHT WITH NEW CO. SUPPLIED 40FT WOOD POLE			
40	250W-400W LED light equivalent to 1000W HPS	0	18.82	$0
41	LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT DIRECT EMBEDDED POLE FOR UG ONLY (BORDER LIGHTING ONLY)			
42	250W-400W LED light equivalent to 1000W HPS	0	23.27	$0
43	LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT WOOD POLE FOR UG ONLY (BORDER LIGHTING ONLY)			
44	250W-400W LED light equivalent 1000W HPS	0	23 27	$0
45	LED FLOODLIGHT WITH NEW CO SUPPLIED 35FT DIRECT EMBEDDED POLE FOR UG ONLY (BORDER LIGHTING ONLY)			
46	2-250W-400W LED light equivalent 1000W HPS	16	34.89	$6,699
47	LED FLOODLIGHT WITH NEW CO. SUPPLIED 35FT WOOD POLE FOR UG ONLY (BORDER LIGHTING ONLY)			
48	2-250W-400W LED light equivalent 1000W HPS	2	33.18	$796
49				
50	Total	12,571		$2,696,358
51				
52	Target Base Revenue			$2,696,362
53				
54	Difference from Target Base Revenue			-$3
55				
56	kWh	26,829,319		

Rate Design - Rate No. 30, Electric Furnace Service

Line	Item	Description	Adder for 12 - 6 pm MDT	Notes
1	A	Incremental Capacity Cost	$ 113.81	
2	B	On-Peak Recovery %	65.00%	$73.98
3	C	On-Peak Hours	6	
4	D	Expected On-Peak Load Factor	67.47%	
5	E	On-Peak Days	88	(Include holidays)
7	P	Price for On-Peak Adder ($/kWh)	$ 0.15575	75% = L
		Where: P = (A * B * L) / (C * D * E)		
		Price for On-Peak Adder ($/kW)	$ 4.62	25%
8		Non-Fuel Revenue Target	$ 1,534,996	

On-Peak Months of June through September - 4 Months

Time of Use Rate Design for On-Peak Set at 12 - 6 pm MDT		Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	On-Peak Energy Adder	1,636,626	$0.15575	$ 254,904
10	Off-Peak Base Rate	21,568,632	($0.00052)	(11,216)
11	Total Annual Firm kW	62,983		
12	Billed kW - Firm - Summer	21,509	$23.54	506,322
13	Billed kW - Firm - Non-Summer	41,474	$18.92	784,688
14	Customer Charge	12	$19.12	229
15	Total Proof of Revenues			$ 1,534,928

Time of Use Rate Design for On-Peak Set at 12 - 6 pm MDT		21% Demand $ to Energy $	Adjusted Target Revenues	Final Adj Unit Rates	Revenues
16	On-Peak Energy Adder	$ -	$ 254,904	$0.15575	$254,904
17	Off-Peak Base Rate	271,112	259,896	$0.01205	$259,902
18	Billed kW - Firm - Summer			$19.24	413,833
19	Billed kW - Firm - Non-Summer			$14.62	606,350
20	Customer Charge			$19.12	229
21	Total Proof of Revenues				$ 1,535,219
22	Difference from Target Revenues				$ 223
23	Demand to Move	$ 271,112			
24	Difference from Target Adjustment			$0.00000	
25	CUSTOMER COMPONENTS ($/ANNUAL CUSTOMERS)			$19.116	
26	DEMAND COMPONENTS UNIT COST ($/kW)			$20.499	
27	Adjusted for Price for On-Peak Adder ($/kW)			$18.922	
28					

	Final Rates	Rate
29		
30	On-Peak Energy Rate ($/kWh) (6 Hour On-Peak Rat	$0.16780
31	Base Energy Rate ($/kWh)	$0.01205
32	Demand Rate ($/kW) - Summer	$19.24
33	Demand Rate ($/kW) - Non-Summer	$14.62
34	Customer Charge	$19.12

Rate Design - Rate No. 30, Electric Furnace Service - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
1	On-Peak Hours	6	6	6	6	24
2	Total Hours	132	138	126	132	528
3	On-Peak Load Factor	73.06%	59.97%	71.57%	65.28%	67.47%
4	On-Peak Energy Used	3,373,129	3,111,591	3,080,079	3,207,866	12,772,664
5	On-Peak Maximum Class Demand	34,978.50	37,598.40	34,153.80	37,227.60	143,958

Rate Design - Rate No. 31, Military Reservation Service

Line	Item	Description	Adder for 12 - 6 pm MDT	Notes
1	A	Incremental Capacity Cost	$ 113.81	
2	B	On-Peak Recovery %	65.00%	$73.98
3	C	On-Peak Hours	6	
4	D	Expected On-Peak Load Factor	81.40%	
5	E	On-Peak Days	88	(Include holidays)
7	P	Price for On-Peak Adder ($/kWh)	$ 0.12910	75% = L
		Where: P = (A * B * L) / (C * D * E)		
		Price for On-Peak Adder ($/kW)	$ 4.62	25%
8		Non-Fuel Revenue Target	$ 15,053,379	

On-Peak Months of June through September - 4 Months

	Time of Use Rate Design for On-Peak Set at 12 - 6 pm MDT	Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	On-Peak Energy Adder	17,859,387	$0.12910	$ 2,305,647
10	Off-Peak Base Rate	278,539,097	$0.00230	640,640
11	Total Annual Firm kW	552,000		
12	Billed kW - Firm - Summer	184,000	$25.01	4,601,840
13	Billed kW - Firm - Non-Summer	368,000	$20.39	7,503,520
14	Customer Charge	12	$133.48	1,602
15	Total Proof of Revenues			$ 15,053,249

	Time of Use Rate Design for On-Peak Set at 12 - 6 pm MDT	10% Demand $ to Energy $	Adjusted Target Revenues	Final Adj Unit Rates	Revenues
16	On-Peak Energy Adder	$ -	$ 2,305,647	$0.12910	$2,305,647
17	Off-Peak Base Rate	1,210,536	1,851,176	$0.00665	$1,852,285
18	Billed kW - Firm - Summer			$22.82	$4,198,880
19	Billed kW - Firm - Non-Summer			$18.20	$6,697,600
20	Customer Charge			$133.48	$1,602
21	Total Proof of Revenues				$ 15,056,014
22	Difference from Target Revenues				$ 2,635
23	Demand to Move	$ 1,210,536			
24	Difference from Target Adjustment			$0.00000	
25	CUSTOMER COMPONENTS ($/ANNUAL CUSTOMERS)			$133.477	
26	DEMAND COMPONENTS UNIT COST ($/kW)			$21.932	
27	Adjusted for Price for On-Peak Adder ($/kW)			$20.392	

	Final Rates	Rate
30	On-Peak Energy Rate ($/kWh) (6 Hour On-Peak Rat	$0.13575
31	Base Energy Rate ($/kWh)	$0.00665
32	Demand Rate ($/kW) - Summer	$22.82
33	Demand Rate ($/kW) - Non-Summer	$18.20
34	Customer Charge	$133.48

Rate Design - Rate No. 31, Military Reservation Service

Line		June 2020	July 2020	August 2020	September 2020	Total
1	On-Peak Hours	6	6	6	6	24
2	Total Hours	132	138	126	132	528
3	On-Peak Load Factor	81.45%	84.13%	85.76%	74.25%	81.40%
4	On-Peak Energy Used	6,288,459	7,326,479	6,716,205	5,524,046	25,855,188
5	On-Peak Maximum Class Demand	58,492.30	63,108.17	62,152.21	56,360.14	240,113

Rate Design - Rate No. 34, Cotton Gin Service

	Rate Design	Billing Units	Non-Fuel Unit Rate	Calculated Base (Non-Fuel) Revenues
1	Target Revenue			$ 181,599
2	Less: Customer Charge	6	$1,553.24	9,319
	Customer Charge - Small Commercial	9	$12.23	110
	Customer Charge - General Service	9	$62.60	563
3	Non-Customer Charge Revenue Target			$ 171,607
4	Energy Charge ($/kWh) - Summer	0	$0.08717	0
5	Energy Charge ($/kWh) - Non-Summer	1,534,795	$0.05717	87,744
6	Energy Charge ($/kWh) - Summer, Sm Comm	240	$0.11502	28
7	Energy Charge ($/kWh) - Non-Summer, Sm Comm	240	$0.09502	23
8	Energy Charge ($/kWh) - Summer, Gen Svc, Blk 1	24,393	$0.10117	2,468
9	Energy Charge ($/kWh) - Summer, Gen Svc, Blk 2	0	$0.08117	0
10	Energy Charge ($/kWh) - Non-Summer, Gen Svc, Blk 1	34,571	$0.05030	1,739
11	Energy Charge ($/kWh) - Non-Summer, Gen Svc, Blk 2	2,141	$0.03030	65
12	Demand Charge ($/kW) - Summer	0	$14.14	0
13	Demand Charge ($/kW) - Non-Summer	5,505	$14.14	77,841
14	Demand Charge ($/kW) - Summer, General Service	150	$11.33	1,700
15	Demand Charge ($/kW) - Non-Summer General Servic	249	$3.74	931
16	kWh and Total Revenues	1,596,380		$ 181,600
17	Difference between Proposed Revenue and Revenue Target			$1
18	Summer/Non-Summer Differential		$0.03000	
19	Difference from Target Adjustment		$0.00000	
20	CUSTOMER COMPONENTS COST		$9,992.447	
21	DEMAND COMPONENTS COST		$154,225.09	
22	Less:			
23	Dem Production		$31,854	
24	Dem Transmission		$5,888	
25	Dem Dist LD		$36,025	
26	NET DEMAND COMPONENTS COST		$80,457.83	

Rate Design - Rate No. 38, Interruptible Service

	Rate Design	Billing Units	Non-Fuel Unit Rate	Calculated Base (Non-Fuel) Revenues
1	Target Revenue			$ 4,499,479
2	Secondary Voltage			
3	Demand Charge (kW)	0	$7.12	$ -
4	Energy Charge (kWh)	0	$0.00119	-
5	Total Secondary Voltage kWh and Revenues	0		$ -
6	Primary Voltage			
7	Demand Charge (kW)	111,014	$6.34	$ 703,829
8	Energy Charge (kWh)	52,975,942	$0.00119	63,290
9	Total Primary Voltage kWh and Revenues	52,975,942		$ 767,119
10	Transmission Voltage			
11	Demand Charge (kW)	803,639	$4.14	$ 3,327,065
12	Energy Charge (kWh)	340,037,058	$0.00119	406,240
13	Total Transmission Voltage kWh and Revenues	340,037,058		$ 3,733,306
14	kWh and Total Revenues	393,013,000		$ 4,500,424
15	Difference from Target Revenue			$ 945
16	Difference from Target Adjustment - Tra $/kW		$0.00	
17	Difference from Target Adjustment - Tra $/kWh		$0.00000	

Rate Design - Rate No. 41, City & County Service

	Rate Design	Billing Units	Non-Fuel Unit Rate	Calculated Base (Non-Fuel) Revenues
1	Target Revenue			$ 18,435,132
2	Secondary Voltage			
3	Customer Charge	9,996	$74.94	$ 749,100
4	Demand Charge (Jun - Sep)	215,462	$24.70	5,321,096
5	Energy Charge (Jun - Sep)	64,673,685	$0.04512	2,918,001
6	Demand Charge (Oct - May)	339,892	$13.16	4,471,645
7	Energy Charge (Oct - May)	101,333,252	$0.02943	2,982,618
8	Total Secondary kWh Sales and Revenues	166,006,937		$ 16,442,460
9	Primary Voltage			
10	Customer Charge	156	$74.94	$ 11,691
11	Demand Charge (Jun - Sep)	23,889	$23.79	568,382
12	Energy Charge (Jun - Sep)	10,476,231	$0.04382	459,103
13	Demand Charge (Oct - May)	39,337	$12.25	481,976
14	Energy Charge (Oct - May)	16,757,386	$0.02814	471,524
15	Total Primary kWh Sales and Revenues	27,233,617		$ 1,992,676
16	kWh and Total Revenues	193,240,554		$ 18,435,136
17	Difference from Target Revenue			$ 4
18	DEC Customer Unit Component Cost		$74.940	
19	Difference from Target Adjustment - kW		$0 00	
20	Difference from Target Adjustment - kWh		$0.00000	
21	Summer/Non-Summer Differential - $/kWh		$0.00000	
22	Rate Tilt (Demand $ to Energy $)		30.00%	
23	Production Demand $ Recovered in Summer Months		65.00%	
24	DEC Customer Component Cost		$760,786.469	

Rate Design - Rate No. 41, City & County Service

25	DEMAND COMPONENTS ($/kW) for Summer Months	COS Data	$/kW - Transmission	$/kW - Primary	$/kW - Secondary
26	DEMAND PRODUCTION	$5,977,316	$17.481	$17.481	$17.481
27	DEMAND TRANSMISSION	$1,942,695	$2.198	$2.198	$2.198
28	DEMAND DISTRIBUTION	$4,351,576			
29	DEMAND DISTRIBUTION LOAD DISPATCHING	$1,387,137	$1.570	$1.570	$1.570
30	DEMAND DISTRIBUTION POLES, TOWERS, FIXTUR	$691,238			
31	DEMAND POLES, TOWER, FIXTURES PRIMARY	$472,121		$0.534	$0.534
32	DEMAND POLES, TOWER, FIXTURES SECOND.	$219,117			$0.276
33	DEMAND DISTRIBUTION OVERHEAD LINES	$497,817			
34	DEMAND DISTRIBUTION OVHD PRIMARY	$451,860		$0.511	$0.511
35	DEMAND DISTRIBUTION OVHD SECONDARY	$45,957			$0.058
36	DEMAND DISTRIBUTION UNDERGROUND LINES	$1,026,521			
37	DEMAND DISTRIBUTION UNGD PRIMARY	$838,776		$0.949	$0.949
38	DEMAND DISTRIBUTION UNGD SECONDARY	$187,746			$0.237
39	DEMAND DISTRIBUTION LINE TRANSFORMER	$748,863			
40	DEMAND DISTRIBUTION LINE TRNSFMR PRIMA	$484,813		$0.549	$0.549
41	DEMAND DISTRIBUTION LINE TRNSFMR SECOI	$264,050			$0.333
42	Total Demand Transmission and Distribution		$21.249	$23.793	$24.696
43	DEC Customer Component Unit Cost for Non-Summer Months				
44	DEMAND COMPONENTS ($/kW)				
45	DEMAND PRODUCTION	$3,218,555	$5.941	$5.941	$5.941
46	DEMAND TRANSMISSION	$1,942,695	$2.198	$2.198	$2.198
47	DEMAND DISTRIBUTION	$4,351,576			
48	DEMAND DISTRIBUTION LOAD DISPATCHING	$1,387,137	$1.570	$1.570	$1.570
49	DEMAND DISTRIBUTION POLES, TOWERS, FIXTUR	$691,238			
50	DEMAND POLES, TOWER, FIXTURES PRIMARY	$472,121		$0.534	$0.534
51	DEMAND POLES, TOWER, FIXTURES SECOND.	$219,117			$0.276
52	DEMAND DISTRIBUTION OVERHEAD LINES	$497,817			
53	DEMAND DISTRIBUTION OVHD PRIMARY	$451,860		$0.511	$0.511
54	DEMAND DISTRIBUTION OVHD SECONDARY	$45,957			$0.058
55	DEMAND DISTRIBUTION UNDERGROUND LINES	$1,026,521			
56	DEMAND DISTRIBUTION UNGD PRIMARY	$838,776		$0.949	$0.949
57	DEMAND DISTRIBUTION UNGD SECONDARY	$187,746			$0.237
58	DEMAND DISTRIBUTION LINE TRANSFORMER	$748,863			
59	DEMAND DISTRIBUTION LINE TRNSFMR PRIMA	$484,813		$0.549	$0.549
60	DEMAND DISTRIBUTION LINE TRNSFMR SECOI	$264,050			$0.333
61	Total Demand Transmission and Distribution		$9.709	$12.252	$13.156

Rate Design - Rate No. 41, City & County Service

62	DEMAND COMPONENTS ($/kWh) for Summer Months	COS Data	$/kWh - Transmission	$/kWh - Primary	$/kWh - Secondary
63	DEMAND PRODUCTION	$5,977,316	$0.0238616	$0.0238616	$0.0238616
64	DEMAND TRANSMISSION	$1,942,695	$0.0030160	$0.0030160	$0.0030160
65	DEMAND DISTRIBUTION	$4,351,576			
66	DEMAND DISTRIBUTION LOAD DISPATCHING	$1,387,137	$0.0021535	$0.0021535	$0.0021535
67	DEMAND DISTRIBUTION POLES, TOWERS, FIXTUR	$691,238			
68	DEMAND POLES, TOWER, FIXTURES PRIMARY	$472,121		$0.0007330	$0.0007330
69	DEMAND POLES, TOWER, FIXTURES SECOND.	$219,117			$0.0003960
70	DEMAND DISTRIBUTION OVERHEAD LINES	$497,817			
71	DEMAND DISTRIBUTION OVHD PRIMARY	$451,860		$0.0007015	$0.0007015
72	DEMAND DISTRIBUTION OVHD SECONDARY	$45,957			$0.0000831
73	DEMAND DISTRIBUTION UNDERGROUND LINES	$1,026,521			
74	DEMAND DISTRIBUTION UNGD PRIMARY	$838,776		$0.0013022	$0.0013022
75	DEMAND DISTRIBUTION UNGD SECONDARY	$187,746			$0.0003393
76	DEMAND DISTRIBUTION LINE TRANSFORMER	$748,863			
77	DEMAND DISTRIBUTION LINE TRNSFMR PRIM/	$484,813		$0.0007527	$0.0007527
78	DEMAND DISTRIBUTION LINE TRNSFMR SECOI	$264,050			$0.0004772
79	Total Demand Transmission and Distribution		$0.0290310	$0.0325203	$0.0338158
80	ENERGY COMPONENTS UNIT COST ($/kWh)	$2,184,203	$0.0113030	$0.0113030	$0.0113030
81	Total Demand and Energy Unit Cost ($/kWh)		$0.0403341	$0.0438233	$0.0451188

82	DEMAND COMPONENTS ($/kWh) for Non-Summer Mo	COS Data	$/kWh - Transmission	$/kWh - Primary	$/kWh - Secondary
83	DEMAND PRODUCTION	$3,218,555	$0.0081765	$0.0081765	$0.0081765
84	DEMAND TRANSMISSION	$1,942,695	$0.0030160	$0.0030160	$0.0030160
85	DEMAND DISTRIBUTION	$4,351,576			
86	DEMAND DISTRIBUTION LOAD DISPATCHING	$1,387,137	$0.0021535	$0.0021535	$0.0021535
87	DEMAND DISTRIBUTION POLES, TOWERS, FIXTUR	$691,238			
88	DEMAND POLES, TOWER, FIXTURES PRIMARY	$472,121		$0.0007330	$0.0007330
89	DEMAND POLES, TOWER, FIXTURES SECOND.	$219,117			$0.0003960
90	DEMAND DISTRIBUTION OVERHEAD LINES	$497,817			
91	DEMAND DISTRIBUTION OVHD PRIMARY	$451,860		$0.0007015	$0.0007015
92	DEMAND DISTRIBUTION OVHD SECONDARY	$45,957			$0.0000831
93	DEMAND DISTRIBUTION UNDERGROUND LINES	$1,026,521			
94	DEMAND DISTRIBUTION UNGD PRIMARY	$838,776		$0.0013022	$0.0013022
95	DEMAND DISTRIBUTION UNGD SECONDARY	$187,746			$0.0003393
96	DEMAND DISTRIBUTION LINE TRANSFORMER	$748,863			
97	DEMAND DISTRIBUTION LINE TRNSFMR PRIM/	$484,813		$0.0007527	$0.0007527
98	DEMAND DISTRIBUTION LINE TRNSFMR SECOI	$264,050			$0.0004772
99	Total Demand Transmission and Distribution		$0.0133459	$0.0168352	$0.0181307
100	ENERGY COMPONENTS UNIT COST ($/kWh)	$2,184,203	$0.0113030	$0.0113030	$0.0113030
101	Total Demand and Energy Unit Cost ($/kWh)		$0.0246490	$0.0281383	$0.0294337

Rate Design - Rate No. 41, City & County Service - Time of Use Option

Line	Item	Description	Adder for 12 - 6 pm MDT Secondary	Primary	Notes
1	A	Incremental Capacity Cost	$113.81	$113.81	
2	B	On-Peak Recovery %	65.00%	65.00%	$73.98
3	C	On-Peak Hours	6	6	
4	D	Expected On-Peak Load Factor	71.77%	77.06%	
5	E	On-Peak Days	88	88	(Include holidays)
6	P	Price for On-Peak Adder ($/kWh) Before Losses Where: P = (A * B) / (C * D * E) * L	$ 0.14642	$ 0.13636	75%
7		Price for On-Peak Adder ($/kW)	$ 4.62	$ 4.62	25%
8		Non-Fuel Revenue Target	$18,435,132		

On-Peak Months of June through September - 4 Months

Time of Use Rate Design for On-Peak Set at 12 - 6 pm MDT		Units	6 - Hour Unit Rate	12 - 6 pm MDT Revenues
9	Secondary Voltage			
10	On-Peak Energy Adder	17,868,319	$0.14642	$ 2,616,279
11	Off-Peak Base Rate	64,673,685	$0.00467	301,722
12	Non-Summer Energy Charge	101,333,252	$0.02943	2,982,618
13	Total Annual kW - Firm	555,354		
14	Demand Charge ($/kW) Summer	215,462	$24.70	5,321,096
15	Demand Charge ($/kW) Non-Summer	339,892	$13.16	4,471,645
16	Customer Charge	9,996	$74 94	749,100
17	Secondary Voltage Total kWh and Revenue	166,006,937		$ 16,442,460
18	Primary Voltage			
19	On-Peak Energy Adder	2,098,052	$0.13636	$ 286,090
20	Off-Peak Base Rate	10,476,231	$0.01651	173,014
21	Non-Summer Energy Charge	16,757,386	$0.02814	471,524
22	Total Annual kW - Firm	63,226		
23	Demand Charge ($/kW) Summer	23,889	$23.79	568,382
24	Demand Charge ($/kW) Non-Summer	39,337	$12.25	481,976
25	Customer Charge	156	$74.94	11,691
26	Primary Voltage Total kWh and Revenue	27,233,617		$ 1,992,676
27	Total kWh and Revenues	193,240,554		$ 18,435,136
28	Difference from Target Revenue			$ 4
29	TOU Meter Adjustment		$0.00	

Rate Design - Rate No. 41, City & County Service - Load Study Data

Line		June 2020	July 2020	August 2020	September 2020	Total
	On-Peak Hours	6	6	6	6	24
1	Total Hours	132	138	126	132	528
2	Secondary Voltage On-Peak Load Factor	77.28%	67.07%	75.80%	66.93%	71.77%
3	Secondary Voltage On-Peak Energy Used	5,358	6,101	6,811	5,923	24,193
4	Secondary Voltage On-Peak Max. Class Demand	52.53	65.91	71.32	67.04	257
5						Annual
6	Secondary Voltage On-Peak kWh					24,193
	Secondary Voltage Total kWh					224,767
7	Secondary Percent Total					10.76%
	Primary Voltage On-Peak Load Factor	85.12%	73.03%	71.90%	78.21%	77.06%
	Primary Voltage On-Peak Energy Used	495,237	544,178	563,228	469,280	2,071,923
	Primary Voltage On-Peak Max. Class Demand	4,407.69	5,399.41	6,217.34	4,545.81	20,570
						Annual
	Primary Voltage On-Peak kWh					2,071,923
	Primary Voltage Total kWh					26,894,450
	Primary Percent Total					7.70%

Rate Design - Delivery Charges for Rates Nos. 46, 47, and 51

Line	Description	Amount	Reference
	Small Systems (Less than 600 kW Total Connected Load)		
1	Distribution Demand Component Cost per kW	$5.7992	R24 Gen Serv Demand Unit Component Costs
2	Distribution Primary/Secondary Cost Differential	$1.0557	R24 Gen Serv Demand Unit Component Costs - Secondary
3	Secondary Delivery Service Charge per kW	$5.80	Ln 1
4	Primary Delivery Service Charge per kW	$4.74	Ln 1 - ln 2
	Large Systems (Greater than 600 kW Total Connected Load)		
5	Distribution Demand Component Cost per kW	$5.1063	R25 Lg Power Demand Unit Component Costs
6	Distribution Demand Secondary Component Cost per kW	$0.7432	R25 Lg Power Demand Unit Component Costs - Secondary
7	Secondary Delivery Service Charge per kW	$5.11	Ln 5
8	Primary Delivery Service Charge per kW	$4.36	Ln 5 - ln 6

		$/kW - Primary	$/kW - Secondary
R24 Gen Serv Demand Component Unit Costs			
DEMAND DISTRIBUTION	$5.799	$4.743	$5.799
DEMAND DISTRIBUTION LOAD DISPATCHING	$1.828	$1.828	$1.828
DEMAND DISTRIBUTION POLES, TOWERS, FIXTURES	$0.939		
DEMAND POLES, TOWER, FIXTURES PRIMARY	$0.620	$0.620	$0.620
DEMAND POLES, TOWER, FIXTURES SECONDARY	$0.319		$0.319
DEMAND DISTRIBUTION OVERHEAD LINES	$0.660		
DEMAND DISTRIBUTION OVHD PRIMARY	$0.594	$0.594	$0.594
DEMAND DISTRIBUTION OVHD SECONDARY	$0.067		$0.067
DEMAND DISTRIBUTION UNDERGROUND LINES	$1.363		
DEMAND DISTRIBUTION UNGD PRIMARY	$1.086	$1.086	$1.086
DEMAND DISTRIBUTION UNGD SECONDARY	$0.277		$0.277
DEMAND DISTRIBUTION LINE TRANSFORMER	$1.008		
DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$0.615	$0.615	$0.615
DEMAND DISTRIBUTION LINE TRNSFMR SECONDARY	$0.393		$0.393
R25 Lg Power Demand Component Unit Costs			
DEMAND DISTRIBUTION	$5.106	$4.363	$5.106
DEMAND DISTRIBUTION LOAD DISPATCHING	$1.690	$1.690	$1.690
DEMAND DISTRIBUTION POLES, TOWERS, FIXTURES	$0.806		
DEMAND POLES, TOWER, FIXTURES PRIMARY	$0.567	$0.567	$0.567
DEMAND POLES, TOWER, FIXTURES SECONDARY	$0.240		$0.240
DEMAND DISTRIBUTION OVERHEAD LINES	$0.594		
DEMAND DISTRIBUTION OVHD PRIMARY	$0.544	$0.544	$0.544
DEMAND DISTRIBUTION OVHD SECONDARY	$0.051		$0.051
DEMAND DISTRIBUTION UNDERGROUND LINES	$1.193		
DEMAND DISTRIBUTION UNGD PRIMARY	$0 997	$0.997	$0.997
DEMAND DISTRIBUTION UNGD SECONDARY	$0.197		$0.197
DEMAND DISTRIBUTION LINE TRANSFORMER	$0.823		
DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY	$0.566	$0.566	$0.566
DEMAND DISTRIBUTION LINE TRNSFMR SECONDARY	$0.256		$0.256

Rate Design - Delivery Charges for Rates Nos. 46, 47, and 51

Line	Retail Service Schedule	DEC Production Component Unit	DEC Energy Component Unit	Community Solar Base Credit	Qualifies (Y/N)	Community Solar Base Credit
1	R01-Residential	$0.0570676	$0.0110562	$0.068124	Y	($0.068124)
2	R02-Small Gen Serv	$0.0525981	$0.0123866	$0.064985	Y	($0.064985)
3	R07-Rec Light	$0.0220786	$0.0124348	$0.034513	N	
4	R08-Street Light	$0.0188021	$0.0109292	$0 029731	N	
5	R09-Traffic Signs	$0.0178481	$0.0077559	$0.025604	N	
6	R11TOU-Muni Pump	$0.0263310	$0.0099670	$0.036298	N	
7	R15-Elec Ref	$0.0349259	$0.0106374	$0.045563	N	
8	R22-Irrig Serv	$0.0679903	$0.0118175	$0.079808	N	
9	R24-Gen Serv	$0.0420799	$0.0109451	$0.053025	Y	($0.053025)
10	R25-Large Power	$0.0313800	$0.0099849	$0.041365	Y	($0.041365)
11	R26-Petroleum Ref	$0.0258461	$0.0101236	$0.035970	N	
12	R28-P Area Light	$0.0188512	$0.0110209	$0.029872	N	
13	R30-Elec Furnace	$0.0488332	$0.0112966	$0.060130	N	
14	R31-Mili Reserv	$0.0354814	$0.0105748	$0.046056	N	
15	R34-Cotton Gin	$0.0199540	$0.0108881	$0.030842	N	
16	R41-Cty/Cnty	$0.0475877	$0.0113030	$0.058891	Y	($0.058891)
17	RWH-Water Heating	$0.0161236	$0.0077849	$0.023909	N	

Rate Design - Rate No. EV, Electric Vehicle Charging

	Time of Use Rate Design	Rate 01	Rate 02	Rate 24	Rate 25	Rate 41
1	Summer On-Peak Energy Adder	$0.29816	$0.26660	$0.24848	$0.23328	$0.29953
2	Summer Off-Peak kWh	$0.07573	$0.07203	$0.05162	$0.00119	$0.00467
3	Non-Summer Energy Charge	$0.09827	$0.09502	$0.03976	$0.00119	$0.02943
4	Annual Super Off-Peak kWh	$0.01106	$0.01239	$0.01095	$0.00998	$0.01130
5	Final Energy Rates					
6	On-Peak Rate	$0.37389	$0.33863	$0.30010	$0.23447	$0.30420
7	Off-Peak Rate	$0.07573	$0.07203	$0.05162	$0.00119	$0.00467
8	Non-Summer Rate	$0.09827	$0.09502	$0.03976	$0.00119	$0.02943
9	Super Off-Peak Rate	$0.01106	$0.01239	$0.01095	$0.00998	$0.01130
10	Final Demand Charges					
11	Demand Charge ($/kW) Summer	n/a	n/a	$11.33	$25.05	$24.70
12	Demand Charge ($/kW) Non-Summer	n/a	n/a	$3.74	$20.43	$13.16
13	Demand Charge ($/kW) Super Off-Peak, for 480V Chargers	n/a	n/a	$3.74	$3.42	$4.79
14	Monthly Customer Charge	$4.29	$4.79	$4.79	$4.79	$4.79
15	DEMAND COMPONENTS ($/kW)					
16	DEMAND DISTRIBUTION, EXLUDING LOAD DISPATCHING			$3.971	$3.417	$4.792
17	DEMAND DISTRIBUTION POLES, TOWERS, FIXTURES			$0.939	$0.806	$1.117
18	DEMAND POLES, TOWER, FIXTURES PRIMARY			$0.620	$0.567	$0.763
19	DEMAND POLES, TOWER, FIXTURES SECONDARY			$0.319	$0.240	$0.354
20	DEMAND DISTRIBUTION OVERHEAD LINES			$0.660	$0.594	$0.805
21	DEMAND DISTRIBUTION OVHD PRIMARY			$0.594	$0.544	$0.730
22	DEMAND DISTRIBUTION OVHD SECONDARY			$0.067	$0.051	$0.074
23	DEMAND DISTRIBUTION UNDERGROUND LINES			$1.363	$1.193	$1.659
24	DEMAND DISTRIBUTION UNGD PRIMARY			$1.086	$0.997	$1.356
25	DEMAND DISTRIBUTION UNGD SECONDARY			$0.277	$0.197	$0.304
26	DEMAND DISTRIBUTION LINE TRANSFORMER			$1.008	$0.823	$1.211
27	DEMAND DISTRIBUTION LINE TRNSFMR PRIMARY			$0.615	$0.566	$0.784
28	DEMAND DISTRIBUTION LINE TRNSFMR SECONDARY			$0.393	$0.256	$0.427
29	ENERGY COMPONENTS ($/kWh)	$0.011056	$0.012387	$0.010945	$0.009985	$0.011303
30	CUSTOMER COMPONENTS ($/ANNUAL CUSTOMERS)					
31	Cust 369-Servs	$0.772	$0.791 << Use also for Rates 24, 25, and 41			
32	Cust 370-Ms	$2.593	$2.878 << Use also for Rates 24, 25, and 41			
33	Cust 902-M Read	$0.926	$1.125 << Use also for Rates 24, 25, and 41			

Rate Design - Rate No EV, Electric Vehicle Charging

Line	Item	Description	Rate 01 Residential TOD 6 Hour On Peak 12 - 6 pm MDT	Rate 02 Small Gen Service TOD 6 Hour On Peak 12 - 6 pm MDT	Rate 24 Gen Service TOD 6 Hour On Peak 12 - 6 pm MDT	Rate 25 Large Power Service 6 Hour On Peak 12 - 6 pm MDT	Rate 41 City and County Service TOD 6 Hour On Peak 12 - 6 pm MDT
		ON-PEAK ADDER CALCULATION Time Of Day Option (Jun - Sep, 12 -6 pm, and 1-5 for Irrigation only)					
1	A	Avoided Capacity Cost	$113 81	$113.81	$113.81	$113 81	$113.81
2	B	On-Peak Recovery %	100 00%	100.00%	100 00%	100.00%	100 00%
3	C	On-Peak Hours	6	6	6	6	6
4	D	Expected On-Peak Load Factor	73 98%	82 73%	88 77%	94 55%	73 64%
5	E	Number of On-Peak Days for the Period	86	86	86	86	86
6	P	Price for On-Peak Usage after base charge($/kWh)	$0 29816	$0 26660	$0 24848	$0 23328	$0.29953
7	Where:	P = (A * B) / (C * D * E)					
8							
9	# of Days	On-Peak Hours	Total Hours	Total Hours	Total Hours	Total Hours	Total Hours
10	20	6	120	120	120	120	120
11	23	6	138	138	138	138	138
12	22	6	132	132	132	132	132
13	21	6	126	126	126	126	126
14	86		516	516	516	516	516
15							
16			On-Peak Energy Used (kWh)	On-Peak Energy Used (kWh)	On-Peak Energy Used (kWh)	On-Peak Energy Used (kWh)	On-Peak Energy Used (kWh)
17		Jun	260 11	255 32	4,751 91	8,434,724 52	5,358
18		Jul	311 32	294 14	5,396 59	9,364,614 93	6,101
19		Aug	278 72	264.93	4,947 50	8,731,439 90	6,811
20		Sep	200 51	212 48	4,268.14	8,371,379 26	5,923
21							
22			On-Peak Maximum Class Demand (kW)	On-Peak Maximum Class Demand (kW)	On-Peak Maximum Class Demand (kW)	On-Peak Maximum Class Demand (kW)	On-Peak Maximum Class Demand (kW)
23		Jun	2 61	2 39	40.46	67,783 92	52.53
24		Jul	3 00	2 50	44.49	73,387 22	65 91
25		Aug	2 87	2.42	43 63	73,277 74	71 32
26		Sep	2 48	2 28	40 61	72,400.45	67 04
27							
28			On-Peak Load Factor	On-Peak Load Factor	On-Peak Load Factor	On-Peak Load Factor	On-Peak Load Factor
29		Jun	83.07%	89.11%	97.86%	103 70%	85 01%
30		Jul	75 13%	85 18%	87 90%	92 47%	67 07%
31		Aug	73 52%	82.81%	85.90%	90 27%	72 35%
32		Sep	64 18%	73.82%	83 40%	91 77%	70 12%
33		Ave On-Peak Load Factor	73.98%	82 73%	88 77%	94.55%	73 64%

Rate Design (Detail) - Rate No. 38, Interruptible Power Service
Demand Charge Calculation

Voltage Level Service	Rate 25 Demand Component Cost	Interruptible Credit	Interruptible Demand Charge
Secondary	$ 22.054052	$ 14.93	$ 7.12
Primary	$ 21.007393	$ 14.67	$ 6.34
Transmission	$ 18.277814	$ 14.13	$ 4.14

Rate Design (Detail) - Rate No. 38, Interruptible Power Service
Interruptible Credit

Line	Description	Incremental Cost
1	Incremental Production Cost per kW/Yr	$113.81
2	Rate Moderation Adjustment	45.510%
3	Interruptible Credit per kW-Year	$165.61
4	Incremental Production Cost per kW/Mo	$13.80
5	Difference from Target Revenue in Rate 38	$945

6	Voltage	Demand Loss Factor	Interruptible Credit, Per kW, Per Month
7	Transmission	1.02412	$14.13
9	Primary	1.06265	$14.67
10	Secondary	1.08212	$14.93