



Western Area Power Administration (WAPA) Upper Great Plains Region (WAPA-UGP) Transmission and Ancillary Services Rate True-up Calculation

Effective April 1, 2026 (proposed)

WAPA-UGP 2023 Rate True-up Calculation

(Rate Order No. WAPA-218)

WAPA-UGP

Transmission and Ancillary Services List of Workpapers and Schedules

Worksheet Tab Label

Summary-TrueUp
Rev Log
WS1-ATRR RateBase
WS2-RevCredits
WS3-CostData
WS4-TransFac
WS5-FacDetail
WS6-AI-Detail
WS7-IMEU

Worksheet Tab Description

[Worksheet "Summary-TrueUp" -- Calculation of True-ups](#)
[Log of Revisions](#)
[Worksheet 1 -- SPP ATRR Calculations](#)
[Worksheet 2 -- Revenue Credit Calculation](#)
[Worksheet 3 -- Cost Support Data](#)
[Worksheet 4 -- Transmission Facilities](#)
[Worksheet 5 -- Other Facility Detail](#)
[Worksheet 6 -- WAPA-UGP Facilities Included per SPP Tariff Attachment A1](#)
[Worksheet 7 -- Incremental Market Efficiency Use \(IMEU\) Share](#)

Summary of incremental changes:					
(1)	(2)	(3)	(4)	(5)	(6)
Date	Worksheet	Reference Cell(s)	Change From	Change To	Description

WAPA-UGP 2023 Rate True-up Calculation
Summary-TrueUp

12 Months Ending 09/30/2023 True-up
(1)

(2)

(3)

WAPA-UGP
True-up Summary

			WAPA-UGP True-up	
Line No.	Description		Annual	
1	East	Schedule 9 (AC Facilities) Sub-Total	\$	14,757,785
2	East	Schedule 9 (DC Facilities) Sub-Total	\$	288,056
3	East	Schedule 9 East Sub-Total	\$	15,045,840
4	West	Schedule 9 West Sub-Total	\$	1,885,559
5		Schedule 9 True-up Total	\$	16,931,400
6				
7	East	SSCD True-up Total	\$	425,857
8				
9		Schedule 11 EAST Zonal True-up		
10	East	LEWIS-RICHLAND 115 kV Ckt 1, 72052	\$	697
11	East	ROBERTS COUNTY 115 kV SUBSTATION, 71926	\$	29,753
12	East	ROBERTS COUNTY 115/69 kV TRANSFORMER, 71927	\$	68,213
13	East	WILLISTON SUBSTATION 115 kV TERMINAL UPGRADES, 61856	\$	5
14		Schedule 11 EAST Zonal True-up Total	\$	98,668
15				
16		Schedule 11 EAST Regional True-up		
17	East	ROBERTS COUNTY 115 kV SUBSTATION, 71926	\$	4,948
18		Schedule 11 EAST Regional True-up Total	\$	4,948
19				
20	East	Incremental Market Efficiency Use (IMEU) Share True-up	\$	87,303

West BPU Schedule 11 Zonal/Regional breakouts/sub-totals will be added as West projects added
BPU refers to the SPP Base Plan Upgrades throughout the workbook

WAPA-UGP 2023 Rate True-up Calculation

Worksheet 1 - SPP ATRR Calculations

12 Months Ending 09/30/2023 True-up

[\(Back to Worksheet Links\)](#)

12 Months Ending 09/30/2023 True-up																			Inputs Below 1/			
Line No.	Location	Rate	Project Name and #	Type	O&M \$	Depreciation \$	Interest \$	A&G \$	Gross ATRR	Subtotal of Gross	Sub Allocation	Accumulated	Cost of Capital	Net Plant \$	Revenue	Revenue Credit \$	Revenue Received \$	SSCD Gross ATRR	Prior-year True-up	Net ATRR Actual \$	True Up \$	
	(1)	(2)	(3)	(4)	(5)	(6)	(13)*(14)	(8)	(5)+(6)+(7)+(8)	(10)	(11)	(12)	(13)	(10)-(12)	(15)	(16)	(17)	(18)	(19)	(21)-(17)	(9)+(16)+(17)+(18)+(19) /3	
1	East	Schedule 9	WAPA-UGP (Upper Great Plains)	UGP	67,529,872	28,658,434	27,645,903	21,158,252	144,992,461	1,336,968,419		688,994,911	4.27%	647,973,507	82.68%	(8,741,214)	(101,217,062)	(10,489,291)	(8,055,913)	117,706,042	16,488,980	
2	East	Schedule 9	WAPA-RMR (Rocky Mountain Region)	RMR	342,270	135,261	105,238	107,005	689,774	5,408,408		2,941,812	4.27%	2,466,596	0.33%	(34,889)	(403,987)	(41,866)	(32,153)	580,866	176,879	
3	East	Schedule 9	WAPA-COE (Corps of Engineers)	COE	3,926,927	1,427,751	2,031,524	0	7,386,202	96,597,757		48,982,253	4.27%	47,615,504	5.98%	(632,226)	(7,320,731)	(758,659)	(582,660)	5,412,656	(1,908,075)	
4			Schedule 9 EAST (AC Facilities) Sub-Total		71,799,070	30,221,446	29,782,664	21,265,257	153,068,437	1,438,974,583	100%	740,918,976		698,055,607	88.99%	(9,408,329)	(108,941,780)	(11,289,817)	(8,670,726)	123,699,565	14,757,785	
5	East	Schedule 9/14	MILES CITY CONVERTER STATION - BEPS	DC Tie	1,004,676	426,366	411,302	314,782	2,157,126	19,890,752	83.84%	10,250,524	4.27%	9,640,228	1.23%	(130,040)	(1,505,769)	(156,045)	(119,845)	1,751,196	245,427	
6	East	Schedule 9/14	MILES CITY CONVERTER STATION - BEFP	DC Tie	193,585	82,154	79,251	60,653	415,643	3,832,628	16.16%	1,975,111	4.27%	1,857,517	0.24%	(25,374)	(293,809)	(30,448)	(23,384)	336,438	42,629	
7			Schedule 9 EAST (DC Facilities) Sub-Total		1,198,261	508,520	490,553	375,435	2,572,769	23,723,379	100%	12,225,635		11,497,745	1.47%	(155,413)	(1,799,578)	(186,493)	(143,229)	2,087,633	288,056	
8			Schedule 9 EAST Total		72,997,330	30,729,966	30,273,218	21,640,692	155,641,206	1,462,697,963	100%	753,144,611		709,553,351		(9,563,742)	(110,741,358)	(11,476,310)	(8,813,956)	125,787,198	15,045,840	
9	West	Schedule 9	WAPA-UGP (Upper Great Plains)	UGP	7,472,905	3,171,363	3,059,316	2,341,388	16,044,972	147,949,903		76,244,681	4.27%	71,705,222	9.15%	(967,369)	(11,201,453)	(1,160,825)	(891,529)	13,025,248	1,823,796	
10	West	Schedule 9	WAPA-RMR (Rocky Mountain Region)	RMR	232,608	91,924	71,520	72,721	468,774	3,675,578		1,999,269	4.27%	1,676,309	0.23%	(24,316)	(281,567)	(29,179)	(22,410)	392,868	111,301	
11	West	Schedule 9	WAPA-COE (Corps of Engineers)	COE	105,874	38,493	54,772	0	199,139	2,604,364		1,320,607	4.27%	1,283,758	0.16%	(16,916)	(195,872)	(20,299)	(15,590)	146,335	(49,538)	
12			Schedule 9 WEST Total		7,811,387	3,301,781	3,185,608	2,414,109	16,712,884	154,229,845	100%	79,564,556		74,665,289	9.54%	(1,008,602)	(11,678,892)	(1,210,303)	(929,528)	13,564,451	1,885,559	
13			Schedule 9 Total		80,808,717	34,031,747	33,458,825	24,054,801	172,354,090	1,616,927,808	100%	832,709,167		784,218,641	100.00%	(10,572,344)	(122,420,250)	(12,686,613)	(9,743,484)	139,351,649	16,931,400	
14	East	BPU-Zonal	LEWIS-RICHLAND 115 kv Ckt 1, 72052	TL	2,617	1,111	1,071	820	5,619	51,813	0.71%	26,702	4.27%	25,112	N/A	(332)	(3,698)	N/A	(892)	4,395	697	
15	East	BPU-Zonal	ROBERTS COUNTY 115 kv SUBSTATION, 71926	SUB	111,766	47,431	45,756	35,018	239,971	2,212,760	30.15%	1,140,326	4.27%	1,072,433	N/A	(14,180)	(157,938)	N/A	(38,100)	187,691	29,753	
16	East	BPU-Zonal	ROBERTS COUNTY 115/69 kv TRANSFORMER, 71927	SUB	256,237	108,742	104,900	80,283	550,163	5,073,024	69.13%	2,614,338	4.27%	2,458,686	N/A	(32,509)	(362,093)	N/A	(87,348)	430,306	68,213	
17	East	BPU-Zonal	WILLISTON SUBSTATION 115 kv TERMINAL UPGRADES, 61856	SUB	20	9	8	6	44	403	0.01%	208	4.27%	195	N/A	(3)	(29)	N/A	(7)	34	5	
18			BPU-Zonal EAST Sub-Total		370,640	157,293	151,736	116,128	795,796	7,338,000	100%	3,781,574		3,556,426	N/A	(47,023)	(523,758)	N/A	(126,347)	622,426	98,668	
19	West /2	BPU-Zonal	NO PROJECTS TO DATE		0	0	0	0	0	0	100%	0	4.27%	0	N/A	-	-	N/A	-	0	0	
20			BPU-Zonal WEST Sub-Total		0	0	0	0	0	0	100%	0		0	N/A	-	-	N/A	-	0	0	
21			BPU-Zonal Total		370,640	157,293	151,736	116,128	795,796	7,338,000		3,781,574		3,556,426	N/A	(47,023)	(523,758)	N/A		622,426	98,668	
22	East	BPU-Regional	ROBERTS COUNTY 115 kv SUBSTATION, 71926	SUB	55,049	23,362	22,536	17,248	118,195	1,089,867	100%	561,653	4.27%	528,213	N/A	(5,343)	(80,130)	N/A	(27,773)	85,078	4,948	
23			BPU-Regional EAST Sub-Total		55,049	23,362	22,536	17,248	118,195	1,089,867	100%	561,653		528,213	N/A	(5,343)	(80,130)	N/A	(27,773)	85,078	4,948	
24	West /2	BPU-Regional	NO PROJECTS TO DATE		0	0	0	0	0	0	100%	0	4.27%	0	N/A	-	-	N/A	-	0	0	
25			BPU-Regional WEST Sub-Total		0	0	0	0	0	0	100%	0		0	N/A	-	-	N/A	-	0	0	
26			BPU-Regional Total		55,049	23,362	22,536	17,248	118,195	1,089,867		561,653		528,213	N/A	(5,343)	(80,130)	N/A		85,078	4,948	
	Location	Rate	Project Name and #	Type	O&M \$	Depreciation \$	Interest \$	A&G \$	Gross ATRR	Subtotal of Gross	Sub Allocation	Accumulated	Cost of Capital	Net Plant \$	Non SPP Facilities	Non SPP Facilities	Revenue Received \$		Prior-year True-up	Net ATRR Actual \$	True Up \$	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	SSCD Utilization	SSCD Utilization \$	(17)	(18)	(19)	(21)-(17)	(9)+(16)+(17)+(18)+(19) /3	
27															Rate	(9)*(15)						
28	East/West	SSCD	WATERTOWN ALTERNATE OPERATIONS CENTER	OPS	4,488,764	152,923	147,639	112,902	4,902,229	7,134,157	38.64%	3,676,525	4.27%	3,457,632	5.64%	(276,688)	(4,307,682)	N/A	(153,304)	4,472,237	164,555	
29	East/West	SSCD	WATERTOWN OPERATIONS CENTER	OPS	811,136	27,634	26,679	20,402	885,850	1,289,168	6.98%	664,361	4.27%	624,806	5.64%	(49,998)	(778,413)	N/A	(27,703)	808,149	29,736	
30	East/West	SSCD	WATERTOWN OPERATIONS CENTER (BFPS)	OPS	6,316,696	215,197	207,762	158,878	6,898,534	10,039,357	54.38%	5,173,694	4.27%	4,865,663	5.64%	(389,361)	(6,061,873)	N/A	(215,733)	6,293,439	231,566	
31			Scheduling, System Control & Dispatch Service (SSCD) Total		11,616,596	395,755	382,080	292,182	12,686,613	18,462,682	100%	9,514,581		8,948,101		(716,047)	(11,147,968)		(396,740)	11,573,825	425,857	

1/ Manual inputs from Prior Year True-Up Workbook "WS1-ATRR RateBase" Column 21 to Column 19 Here

2/ Associated template cells will be populated as projects added

3/ Column 18 in formula not applicable to BPUs

BPU refers to SPP Base Plan Upgrades throughout the workbook

WAPA-UGP 2023 Rate True-up Calculation

[\(Back to Worksheet Links\)](#)

Worksheet 2 - Revenue Credit Calculation

12 Months Ending 09/30/2023 True-up

Line No.	MONTH (1)	ACCOUNT (2)	TOTAL (3)	(4)
1	Feb-23	45643 Revenue from Trans.	(10,201,687)	
2	Mar-23	45643 Revenue from Trans.	(10,201,687)	
3	Apr-23	45643 Revenue from Trans.	(10,201,687)	
4	May-23	45643 Revenue from Trans.	(10,201,687)	
5	Jun-23	45643 Revenue from Trans.	(10,201,687)	
6	Jul-23	45643 Revenue from Trans.	(10,201,687)	
7	Aug-23	45643 Revenue from Trans.	(10,201,687)	
8	Sep-23	45643 Revenue from Trans.	(10,201,687)	
9	Oct-23	45643 Revenue from Trans.	(10,201,687)	
10	Nov-23	45643 Revenue from Trans.	(10,201,688)	
11	Dec-23	45643 Revenue from Trans.	(10,201,687)	
12	Jan-24	45643 Revenue from Trans.	(10,201,687)	
13		Subtotal	(122,420,250)	
14	Jan-23	Sch 7/8/11 Z2	376	
15	Feb-23	Sch 7/8/11 Z2	184	
16	Mar-23	Sch 7/8/11 Z2	504	
17	Apr-23	Sch 7/8/11 Z2	511	
18	May-23	Sch 7/8/11 Z2	509	
19	Jun-23	Sch 7/8/11 Z2	541	
20	Jul-23	Sch 7/8/11 Z2	546	
21	Aug-23	Sch 7/8/11 Z2	3,121	
22	Sep-23	Sch 7/8/11 Z2	3,255	
23	Oct-23	Sch 7/8/11 Z2	3,265	
24	Nov-23	Sch 7/8/11 Z2	2,047	
25	Dec-23	Sch 7/8/11 Z2	3,240	
26		Subtotal	18,100	
27	Jan-23	Schedule 7 Firm PTP	(613,277)	
28	Feb-23	Schedule 7 Firm PTP	(602,239)	
29	Mar-23	Schedule 7 Firm PTP	(468,612)	
30	Apr-23	Schedule 7 Firm PTP	(524,528)	
31	May-23	Schedule 7 Firm PTP	(347,638)	
32	Jun-23	Schedule 7 Firm PTP	(444,065)	
33	Jul-23	Schedule 7 Firm PTP	(600,458)	
34	Aug-23	Schedule 7 Firm PTP	(624,367)	
35	Sep-23	Schedule 7 Firm PTP	(611,553)	
36	Oct-23	Schedule 7 Firm PTP	(507,659)	
37	Nov-23	Schedule 7 Firm PTP	(534,893)	
38	Dec-23	Schedule 7 Firm PTP	(509,771)	
39		Subtotal	(6,389,060)	
40	Jan-23	Schedule 8 Nonfirm PTP	(388,616)	
41	Feb-23	Schedule 8 Nonfirm PTP	(560,833)	
42	Mar-23	Schedule 8 Nonfirm PTP	(423,710)	

43	Apr-23	Schedule 8 Nonfirm PTP	(480,770)
44	May-23	Schedule 8 Nonfirm PTP	(97,150)
45	Jun-23	Schedule 8 Nonfirm PTP	(112,843)
46	Jul-23	Schedule 8 Nonfirm PTP	(150,146)
47	Aug-23	Schedule 8 Nonfirm PTP	(194,140)
48	Sep-23	Schedule 8 Nonfirm PTP	(122,481)
49	Oct-23	Schedule 8 Nonfirm PTP	(141,489)
50	Nov-23	Schedule 8 Nonfirm PTP	(188,008)
51	Dec-23	Schedule 8 Nonfirm PTP	(134,719)
52		Subtotal	(2,994,905)
53	Jan-23	Sch 7/8/11 MISO Seams	(98,937)
54	Feb-23	Sch 7/8/11 MISO Seams	(79,672)
55	Mar-23	Sch 7/8/11 MISO Seams	(100,775)
56	Apr-23	Sch 7/8/11 MISO Seams	(100,775)
57	May-23	Sch 7/8/11 MISO Seams	(102,790)
58	Jun-23	Sch 7/8/11 MISO Seams	(102,790)
59	Jul-23	Sch 7/8/11 MISO Seams	(102,790)
60	Aug-23	Sch 7/8/11 MISO Seams	(102,790)
61	Sep-23	Sch 7/8/11 MISO Seams	(102,790)
62	Oct-23	Sch 7/8/11 MISO Seams	(102,790)
63	Nov-23	Sch 7/8/11 MISO Seams	(102,790)
64	Dec-23	Sch 7/8/11 MISO Seams	(102,546)
65		Subtotal	(1,202,239)
66	Jan-23	45420 Rent from Electric Property	(353)
67	Feb-23	45420 Rent from Electric Property	(353)
68	Mar-23	45420 Rent from Electric Property	(353)
69	Apr-23	45420 Rent from Electric Property	(353)
70	May-23	45420 Rent from Electric Property	(353)
71	Jun-23	45420 Rent from Electric Property	(353)
72	Jul-23	45420 Rent from Electric Property	(353)
73	Aug-23	45420 Rent from Electric Property	(353)
74	Sep-23	45420 Rent from Electric Property	(353)
75	Oct-23	45420 Rent from Electric Property	(353)
76	Nov-23	45420 Rent from Electric Property	(353)
77	Dec-23	45420 Rent from Electric Property	(353)
78		Subtotal	(4,240)
79	Feb-23	7088 SSCD	(1,007,819)
80	Mar-23	7088 SSCD	(946,706)
81	Apr-23	7088 SSCD	(930,989)
82	May-23	7088 SSCD	(863,145)
83	Jun-23	7088 SSCD	(839,581)
84	Jul-23	7088 SSCD	(913,255)
85	Aug-23	7088 SSCD	(974,610)
86	Sep-23	7088 SSCD	(953,857)
87	Oct-23	7088 SSCD	(931,573)
88	Nov-23	7088 SSCD	(910,976)
89	Dec-23	7088 SSCD	(926,644)

90	Jan-24	7088 SSCD	(948,814)
91		Subtotal	(11,147,968)
92	Feb-23	IMEU	-
93	Mar-23	IMEU	-
94	Apr-23	IMEU	-
95	May-23	IMEU	-
96	Jun-23	IMEU	-
97	Jul-23	IMEU	-
98	Aug-23	IMEU	-
99	Sep-23	IMEU	-
100	Oct-23	IMEU	-
101	Nov-23	IMEU	-
102	Dec-23	IMEU	-
103	Jan-24	IMEU	-
104		Subtotal	-

Line No.	MONTH (1)	ACCOUNT (2)	EAST Sub-Total (3)	West Sub-Total (4)
105	Feb-23	Sch 11 BPU-Zonal Revenue	(43,615)	-
106	Mar-23	Sch 11 BPU-Zonal Revenue	(43,615)	-
107	Apr-23	Sch 11 BPU-Zonal Revenue	(43,615)	-
108	May-23	Sch 11 BPU-Zonal Revenue	(43,646)	-
109	Jun-23	Sch 11 BPU-Zonal Revenue	(43,646)	-
110	Jul-23	Sch 11 BPU-Zonal Revenue	(43,646)	-
111	Aug-23	Sch 11 BPU-Zonal Revenue	(43,646)	-
112	Sep-23	Sch 11 BPU-Zonal Revenue	(43,646)	-
113	Oct-23	Sch 11 BPU-Zonal Revenue	(43,655)	-
114	Nov-23	Sch 11 BPU-Zonal Revenue	(43,677)	-
115	Dec-23	Sch 11 BPU-Zonal Revenue	(43,677)	-
116	Dec-23	Sch 11 BPU-Zonal Revenue	(43,677)	-
117		Subtotal	(523,758)	-
118	Feb-23	Sch 11 BPU-Zonal PTP	(5,116)	-
119	Mar-23	Sch 11 BPU-Zonal PTP	(5,259)	-
120	Apr-23	Sch 11 BPU-Zonal PTP	(4,171)	-
121	May-23	Sch 11 BPU-Zonal PTP	(4,713)	-
122	Jun-23	Sch 11 BPU-Zonal PTP	(2,540)	-
123	Jul-23	Sch 11 BPU-Zonal PTP	(3,044)	-
124	Aug-23	Sch 11 BPU-Zonal PTP	(3,808)	-
125	Sep-23	Sch 11 BPU-Zonal PTP	(4,241)	-
126	Oct-23	Sch 11 BPU-Zonal PTP	(3,815)	-
127	Nov-23	Sch 11 BPU-Zonal PTP	(3,517)	-
128	Dec-23	Sch 11 BPU-Zonal PTP	(3,549)	-
129	Jan-24	Sch 11 BPU-Zonal PTP	(3,250)	-
130		Subtotal	(47,023)	-
131	Feb-23	Sch 11 BPU-Regional Revenue	(6,863)	-
132	Mar-23	Sch 11 BPU-Regional Revenue	(6,613)	-

133	Apr-23	Sch 11 BPU-Regional Revenue	(6,612)	-
134	May-23	Sch 11 BPU-Regional Revenue	(6,888)	-
135	Jun-23	Sch 11 BPU-Regional Revenue	(6,614)	-
136	Jul-23	Sch 11 BPU-Regional Revenue	(6,618)	-
137	Aug-23	Sch 11 BPU-Regional Revenue	(6,736)	-
138	Sep-23	Sch 11 BPU-Regional Revenue	(6,633)	-
139	Oct-23	Sch 11 BPU-Regional Revenue	(6,633)	-
140	Nov-23	Sch 11 BPU-Regional Revenue	(6,643)	-
141	Dec-23	Sch 11 BPU-Regional Revenue	(6,636)	-
142	Jan-24	Sch 11 BPU-Regional Revenue	(6,641)	-
143		Subtotal	(80,130)	-
144	Feb-23	Sch 11 BPU-Regional PTP	(594)	-
145	Mar-23	Sch 11 BPU-Regional PTP	(510)	-
146	Apr-23	Sch 11 BPU-Regional PTP	(388)	-
147	May-23	Sch 11 BPU-Regional PTP	(435)	-
148	Jun-23	Sch 11 BPU-Regional PTP	(353)	-
149	Jul-23	Sch 11 BPU-Regional PTP	(395)	-
150	Aug-23	Sch 11 BPU-Regional PTP	(458)	-
151	Sep-23	Sch 11 BPU-Regional PTP	(501)	-
152	Oct-23	Sch 11 BPU-Regional PTP	(485)	-
153	Nov-23	Sch 11 BPU-Regional PTP	(411)	-
154	Dec-23	Sch 11 BPU-Regional PTP	(411)	-
155	Jan-24	Sch 11 BPU-Regional PTP	(403)	-
156		Subtotal	(5,343)	-
157	<i>NOTES: Includes twelve months of revenue credits from January-December or February-January depending on when WAPA began receiving revenue credits from SPP. Revenue credit sheet may be updated or adjusted as necessary to include all revenue credits received. Reference to FERC Code or Object Class indicates Financial Account source. Other reference indicates SPP Invoice as source document.</i>			

Line No.	(1)	WAPA-UGP (2)		WAPA-RMR (3)		COE (4)		BOR (5)		TOTAL (6)
1										
2	Total Plant-in-Service	1,588,930,214	1/	882,670,382	2/	1,372,830,456	3/	580,908,032	4/	4,425,339,084
3	Transmission Plant-in-Service	1,508,641,701	1/	9,083,986	1/	99,202,121	1/			1,616,927,808
4	Generation Plant-in-Service	16,879,036	1/			1,273,628,335	L2 - L3	580,908,032	L2 - L3	1,871,415,403
5	BPU Zonal Plant-in-Service	7,338,000	5/							7,338,000
6	BPU Regional Plant-in-Service	1,089,867	5/							1,089,867
7	Net Plant Investment Total	1,533,948,604		9,083,986		1,372,830,456		580,908,032		3,496,771,078
8										
9	Total PS Sub-Allocated Plant-in-Service	1,535,532,250		9,083,986		99,202,121				1,643,818,357
10	PS-ED Transmission Plant-in-Service - East	1,336,968,419	1/	5,408,408	1/	96,597,757	1/			1,438,974,583
11	PS-ED Transmission Plant-in-Service - West	147,949,903	1/	3,675,578	1/	2,604,364	1/			154,229,845
12	BPU Zonal Plant to Total Plant - East	7,338,000	5/							7,338,000
13	BPU Zonal Plant to Total Plant - West	0	5/							0
14	BPU Regional Plant to Total Plant - East	1,089,867	5/							1,089,867
15	BPU Regional Plant to Total Plant - West	0	5/							0
16	PS-ED SSCD Plant-in-Service	18,462,682	5/							18,462,682
17	PS-ED DC Tie Plant-in-Service	23,723,379	5/							23,723,379
18										
19										
20										
20	Transmission Plant to Total Plant	0.9495	L3 / L2	0.0103	L3 / L2	0.0723	L3 / L2	0.0000	L3 / L2	
21	Generation Plant to Total Plant (N/R)	0.0106	L4 / L2	0.0000	L4 / L2	0.9277	L4 / L2	1.0000	L4 / L2	
22	AI Excluded (N/R)	0.0346	1/							
23	BPU Zonal Plant to Total Plant	0.0046	L12+L13 / L2							
24	BPU Regional Plant to Total Plant	0.0007	L12+L13 / L2							
25	Total Allocation Rate	1.0000		0.0103		1.0000		1.0000		
26										
27										
28										
28	Schedule 9-East Allocation to Total Plant	0.84	L10 / L2	0.006	L10 / L2	0.070	L10 / L2			
29	Schedule 9-West Allocation to Total Plant	0.09	L11 / L2	0.004	L11 / L2	0.002	L11 / L2			
30	BPU Zonal Plant to Total Plant - East	0.0046	L12 / L2							
31	BPU Zonal Plant to Total Plant - West	0.0000	L13 / L2							
32	BPU Regional Plant to Total Plant - East	0.0007	L14 / L2							
33	BPU Regional Plant to Total Plant - West	0.0000	L15 / L2							
34	SSCD Allocation to Total Plant	0.0116	L16 / L2							
35	DC Tie Allocation to Total Plant	0.0149	L17 / L2							
36	Total Sub-Allocation Rate	0.9664		0.0103		0.0723		0.0000		
37										
38	PS Accumulated Depreciation	818,841,206	6/	480,113,689	7/	696,127,224	8/	389,460,124	4/	2,384,542,243
39	Transmission Accumulated Depreciation	777,465,227	L20 * L38	4,941,081	L20 * L38	50,302,859	L20 * L38	0		832,709,167
40	BPU Zonal Accumulated Depreciation - East	3,781,574	L30 * L38							3,781,574
41	BPU Zonal Accumulated Depreciation - West	0	L31 * L38							0
42	BPU Regional Accumulated Depreciation - East	561,653	L32 * L38							561,653
43	BPU Regional Accumulated Depreciation - West	0	L33 * L38							0
44	Net Recoverable Accum. Depreciation Total	781,808,454		4,941,081		50,302,859		0		837,052,395
45										
46	PS Accumulated Depreciation Sub-Allocation	818,841,206	6/	480,113,689	7/	696,127,224	8/	389,460,124	4/	2,384,542,243
47	Sch 9-East Accumulated Depreciation	688,994,911	L28 * L38	2,941,812	L28 * L38	48,982,253	L28 * L38	0		740,918,976

48	Sch 9-West Accumulated Depreciation	76,244,681	L29 * L38	1,999,269	L29 * L38	1,320,607	L29 * L38	0	79,564,556
49	Sch 1 SSCD Accumulated Depreciation	9,514,581	L34 * L38						9,514,581
50	DC Tie Accumulated Depreciation	12,225,635	L35 * L38						12,225,635
51									
52	PS-ED Net Transmission Plant	770,089,008	L2 - L38	4,142,905	L3 - L39	48,899,262	L3 - L39	0	823,131,175
53	BPU Zonal Net Plant - East	3,556,426	L12 - L40						3,556,426
54	BPU Zonal Net Plant - West	0	L13 - L41						0
55	BPU Regional Net Plant - East	528,213	L14 - L42						528,213
56	BPU Regional Net Plant - West	0	L15 - L43						0
57	Net Plant less Accumulated Depreciation Total	774,173,648		4,142,905		48,899,262		0	827,215,815
58									
59	PS Net Plant Sub-Allocation								
60	Sch 9-East Net Plant	647,973,507	L10 - L47	2,466,596	L10 - L47	47,615,504	L10 - L47		698,055,607
61	Sch 9-West Net Plant	71,705,222	L11 - L48	1,676,309	L11 - L48	1,283,758	L11 - L48		74,665,289
62	Sch 1 SSCD Net Plant	8,948,101	L16 - L49						8,948,101
63	DC Tie Net Plant	11,497,745	L17 - L50						11,497,745
64									
65	PS Depreciation Expense	34,059,332	6/	22,075,111	7/	20,290,949	9/	5,793,143	82,218,535
66	PS-ED Transmission Annual Depreciation	32,338,317	L20 * L65	227,186	L20 * L65	1,466,245	L20 * L65	0	34,031,747
67	BPU Zonal East Annual Depreciation	157,293	L30 * L65						157,293
68	BPU Zonal West Annual Depreciation	0	L31 * L65						0
69	BPU Regional East Annual Depreciation	23,362	L32 * L65						23,362

70	BPU Regional West Annual Depreciation	0	L33 * L65						0
71	Total Annual Depreciation Expense	32,518,971		227,186		1,466,245		0	34,212,401
72									
73	PS Sub-Allocated Depreciation Expense	34,059,332	6/	22,075,111	7/	20,290,949	8/	5,793,143	4/ 82,218,535
74	Sch 9-East Annual Depreciation	28,658,434	L28 * L73	135,261	L28 * L73	1,427,751	L28 * L73		30,221,446
75	Sch 9-West Annual Depreciation	3,171,363	L29 * L73	91,924	L29 * L73	38,493	L29 * L73		3,301,781
76	Sch 1 SSCD Annual Depreciation	395,755	L34 * L73						395,755
77	DC Tie Annual Depreciation	508,520	L35 * L73						508,520
78									
79	Cost of Capital								
80	Long Term Debt:								
81	FY Balances	912,611,756	10/	376,718,783	10/	711,503,697	10/	229,345,320	10/ 2,230,179,556
82	PS-ED Transmission LTD	866,497,559	L20 * L81	3,876,994	L20 * L81	51,413,979	L20 * L81	0	921,788,532
83	BPU Zonal East LTD	4,214,625	L30 * L81						4,214,625
84	BPU Zonal West LTD	0	L31 * L81						0
85	BPU Regional East LTD	625,972	L32 * L81						625,972
86	BPU Regional West LTD	0	L33 * L81						0
87	Total	871,338,156		3,876,994		51,413,979		0	926,629,129
88									
89	Long Term Debt Sub-Allocation:								
90	Sch 9-East LTD	767,895,963	L28 * L81	2,308,278	L28 * L81	50,064,202	L28 * L81		820,268,443
91	Sch 9-West LTD	84,975,929	L29 * L81	1,568,716	L29 * L81	1,349,777	L29 * L81		87,894,422
92	Sch 1 SSCD LTD	10,604,154	L34 * L81						10,604,154
93	DC Tie LTD	13,625,668	L35 * L81						13,625,668
94									
95	FY Interest	39,704,770	11/	18,039,837	12/	21,260,423	4/	9,142,887	4/ 88,147,917
96	PS-ED Transmission Interest	37,698,491	L20 * L95	185,657	L20 * L95	1,536,300	L20 * L95	0	39,420,448
97	BPU Zonal East Interest	183,365	L30 * L95						183,365
98	BPU Zonal West Interest	0	L31 * L95						0
99	BPU Regional East Interest	27,234	L32 * L95						27,234
100	BPU Regional West Interest	0	L33 * L95						0
101	Total	37,909,090		185,657		1,536,300		0	39,631,046
102									
103	Sch 9-East Interest	33,408,656	L28 * L95	110,536	L28 * L95	1,495,967	L28 * L95		35,015,159
104	Sch 9-West Interest	3,697,026	L29 * L95	75,121	L29 * L95	40,333	L29 * L95		3,812,480
105	Sch 1 SSCD Interest	461,352	L34 * L95						461,352
106	DC Tie Interest	592,808	L35 * L95						592,808
107									
108	Average Interest Rate	4.351%	L96 / L82	4.789%	L96 / L82	2.988%	L96 / L82	0.000%	L96 / L82
109	Transmission Plant Factor	93.34%		0.56%		6.10%		0.00%	
110	Weighted Trans. Composite Rate								4.27%
111	Generation Plant Factor	0.90%		0.00%		68.06%		31.04%	
112	Weighted Gen. Composite Rate								2.07%
113									
114	A&G Expenses	13/		14/		15/		15/	
115	1411	17,048,462		12,204,531		0		0	29,252,993
116	1412	5,060,432		3,271,284		0		0	8,331,716
117	1415	5,678		112,789		0		0	118,467
118	1416	(285,187)		(32,849)		0		0	(318,036)
119	1421	2,409,132		1,759,633		0		0	4,168,765
120	1422	816,129		707		0		0	816,837
121	1425	109,232		149,670		0		0	258,902

122	1426	(18,621)	189	0	0	(18,432)				
123	1431	0	140	0	0	140				
124	1432	427	(2,564)	0	0	(2,137)				
125	1441	0	0	0	0	0				
126	1442	0	0	0	0	0				
127	1444	0	0	0	0	0				
128	PS Total A&G	25,145,685	17,463,529	0	0	42,609,213				
129										
130	PS-ED Transmission A&G	23,875,075	L20 * L128	179,726	L20 * L128	0	0	24,054,801		
131	BPU Zonal East A&G	116,128	L30 * L128			0	0	116,128		
132	BPU Zonal West A&G	0	L31 * L128					0		
133	BPU Regional East A&G	17,248	L32 * L128					17,248		
134	BPU Regional West A&G	0	L33 * L128					0		
135	Total Allocated A&G	133,376		0		0	0	133,376		
136										
137	PS Sub-Allocated A&G	25,145,685	13/	17,463,529	14/	15/	15/	42,609,213		
138	Sch 9-East A&G	21,158,252	L28 * L137	107,005	L28 * L137			21,265,257		
139	Sch 9-West A&G	2,341,388	L29 * L137	72,721	L29 * L137			2,414,109		
140	Sch 1 SSCD A&G	292,182	L34 * L137					292,182		
141	DC Tie A&G	375,435	L35 * L137					375,435		
142										
143	O&M Expenses	16/	17/	9/	4/					
144	Total Electric Operating Expense	289,966,409		200,875,709		55,808,805	56,811,513	603,462,437		
145	Less:									
146	Other Power Supply Expenses	185,736,912		128,105,399				313,842,311		
147	A&G Expenses	25,145,685		17,463,529				42,609,213		
148	Prior Year Adjustments	29,002		0				29,002		
149	Annual Reserve Sharing Group Cost	44,573		44,573				89,145		
150	Plus:									
151	Moveable Property Interest	1,118,600		467,312				1,585,912		
152	Warehouse Stores Interest	127,548		85,582				213,130		
153	PS Total O&M	80,256,386		55,859,676		55,808,805	56,811,513	248,691,808		
154										
155	PS-ED Transmission O&M	76,201,038	L20 * L153	574,879	L20 * L153	4,032,801	L20 * L153	0	80,808,717	
156	BPU Zonal East O&M	370,640	L30 * L153						370,640	
157	BPU Zonal West O&M	0	L31 * L153						0	
158	BPU Regional East O&M	55,049	L32 * L153						55,049	
159	BPU Regional West O&M	0	L33 * L153						0	
160	Total O&M Allocated	76,626,727		574,879		4,032,801		0	81,234,406	
161										
162	PS Sub-Allocated O&M	80,256,386	16/	55,859,676	17/	55,808,805	9/	56,811,513	4/	248,736,380
163	Sch 9-East O&M	67,529,872	L28 * L162	342,270	L28 * L162	3,926,927	L28 * L162			71,799,070
164	Sch 9-West O&M	7,472,905	L29 * L162	232,608	L29 * L162	105,874	L29 * L162			7,811,387
165	Scheduling, System Control & Dispatch O&M	11,616,596	18/							11,616,596
166	DC Tie O&M	1,198,261	L35 * L162							1,198,261

1681/ WS4-TransFac Worksheet

1692/ RMCSR - Pick-Sloan Missouri River Basin Results of Operations (ROOs), Schedule 1

1703/ Corps of Engineers (COE) Financial Statements, Electric and Power Multi-Purpose Plant in Service

1714/ Combined Financial Statements, Combining Schedules of Revenues and Expenses Data by Agency

1725/ WS5-FacDetail Worksheet

1736/ UGPCSR - Pick-Sloan Missouri River Basin and UGPCSR - Ft. Peck Power System Results of Operations, Schedule 4

174	7/ RMCSR - Pick-Sloan Missouri River Basin Results of Operations, Schedule 4
175	8/ Corps of Engineers Financial Statements, Statement of Assets and Liabilities
176	9/ Corps of Engineers Financial Statements, Statement of Revenues and Expenses
177	10/ Historical Financial Data in Support of the Power Repayment Study for the P-SMBP, Schedules 21X and 21RX
178	11/ FY UGPCSR - Pick-Sloan Missouri River Basin and UGPCSR - Ft. Peck Power System Results of Operations, Schedule 5-excludes deficit interest
179	12/ FY RMCSR - Pick-Sloan Missouri River Basin and UGPCSR - Ft. Peck Power System Results of Operations, Schedule 5-excludes deficit interest
180	13/ WAPA-UGP A&G Expenses are from the UGPCSR - Pick-Sloan Missouri River Basin and UGPCSR - Ft. Peck Power System Results of Operations, Schedule 11A
181	14/ WAPA-RMR A&G Expenses are from the RMCSR - Pick-Sloan Missouri River Basin Results of Operations, Schedule 11A
182	15/ A&G Expenses for COE and BOR are unavailable. All COE and BOR A&G expenses are included in O&M Expenses
183	16/ All WAPA-UGP O&M Expenses are from the UGPCSR - Pick-Sloan Missouri River Basin and UGPCSR - Ft. Peck Power System Results of Operations, Schedule 11; except
184	Moveable Property and Warehouse Stores Interest, which are from Schedule 5
185	17/ All WAPA-RMR O&M Expenses are from the RMCSR - Pick-Sloan Missouri River Basin Results of Operations, Schedule 11; except Moveable Property and Warehouse
186	Stores Interest, which are from Schedule 5
187	18/ SSCD O&M detail is provided in SSCD O&M report

WAPA-UGP 2023 Rate True-up Calculation

Worksheet 4 - Transmission Facilities

12 Months Ending 09/30/2023 True-up

[\(Back to Worksheet Links\)](#)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Line No.	SPLIT		FID	DESCRIPTION	FY2023 Facility Totals (\$)	Attachment AI Adjustments (\$)	Recoverable Transmission Facility	Generation Adjustments (\$)	Other Adjustments (\$)	FY2023 Actual Total (\$)
1	East	TL	AUR FL	AURORA-FLANDREAU 115-KV T/L	96,623	-	96,623	-		96,623
2	East	TL	AUR BR	AURORA- BROOKINGS 115-KV T/L	343,710	-	343,710	-		343,710
3	East	TL	BK HET	BAKER-HETTINGER	459,778	-	459,778	-		459,778
4	East	TL	BU GA	BEULAH-GARRISON	357,312	-	357,312	-		357,312
5	East	TL	BS GH	BISMARCK-GLENHAM	6,362,300	-	6,362,300	-		6,362,300
6	East	TL	BS JT 1	BISMARCK-JAMESTOWN NO. 1	9,317,120	-	9,317,120	-		9,317,120
7	East	TL	BS JT 2	BISMARCK-JAMESTOWN NO. 2	7,484,031	-	7,484,031	-		7,484,031
8	East	TL	BS MDR	BISMARCK-MEDORA	12,837,758	-	12,837,758	-		12,837,758
9	East	TL	BR SF	BROOKINGS-SIOUX FALLS	2,564,429	-	2,564,429	-		2,564,429
10	East	TL	BR WT 1	BROOKINGS-WATERTOWN NO. 1	1,718,240	-	1,718,240	-		1,718,240
11	East	TL	BR WT 2	BROOKINGS-WATERTOWN NO. 2	3,318,558	-	3,318,558	-		3,318,558
12	East	TL	BR WHT	BROOKINGS-WHITE 115/230KV	3,495,516	-	3,495,516	-		3,495,516
13	East	TL	CA JT	CARRINGTON-JAMESTOWN	1,259,668	-	1,259,668	-		1,259,668
14	East	TL	WC BU	CHARLIE CREEK - WATFORD CITY	13,451,446	-	13,451,446	-		13,451,446
15	East	TL	CCRBEF	CHARLIE CREEK-BELFIELD	14,513,308	-	14,513,308	-		14,513,308
16	East	TL	CR DC	CIRCLE-DAWSON COUNTY	8,961,041	-	8,961,041	-		8,961,041
17	East	TL	CS MY	CRESTON-MARYVILLE	1,366,481	-	1,366,481	-		1,366,481
18	East	TL	DC MC	DAWSON COUNTY - MILES CITY	2,605,678	-	2,605,678	-		2,605,678
19	East	TL	DC GL	DAWSON-GLENDIVE	553,800	-	553,800	-		553,800
20	East	TL	DC MDR	DAWSON-MEDORA	3,464,064	-	3,464,064	-		3,464,064
21	East	TL	DC OF	DAWSON-O'FALLON CREEK	918,676	-	918,676	-		918,676
22	East	TL	DC WN	DAWSON-WILLISTON /1	1,258,900	-	1,258,900	-	(51,813)	1,207,087
23	East	TL	DN CS	DENISON-CRESTON	20,977,731	-	20,977,731	-		20,977,731
24	East	TL	DL CA	DEVILS LAKE-CARRINGTON	9,365,002	-	9,365,002	-		9,365,002
25	East	TL	DL LA	DEVILS LAKE-LAKOTA	1,983,047	-	1,983,047	-		1,983,047
26	East	TL	ED FO	EDGELEY-FORMAN	4,159,480	-	4,159,480	-		4,159,480
27	East	TL	ED GR	EDGELEY-GROTON	771,572	-	771,572	-		771,572
28	East	TL	ELCMA	ELK CREEK-NEWELL-MAURINE 115-kv T/L	34,388	-	34,388	-		34,388
29	East	TL	FA GK	FARGO-GRAND FORKS	2,369,098	-	2,369,098	-		2,369,098
30	East	TL	FA MO	FARGO-MORRIS	8,661,076	-	8,661,076	-		8,661,076
31	East	TL	FO RCO	FORMAN-ROBERTS COUNTY	183,485	-	183,485	-		183,485
32	East	TL	FO SU D	FORMAN-SUMMIT (BISMARCK)	922,098	-	922,098	-		922,098
33	East	TL	FO SU C	FORMAN-SUMMIT (HURON)	4,465,037	-	4,465,037	-		4,465,037
34	East	TL	FP DC 1	FORT PECK-DAWSON 1	200,790	-	200,790	-		200,790
35	East	TL	FP DC 2	FORT PECK-DAWSON 2	8,301,710	-	8,301,710	-		8,301,710
36	East	TL	FP WN	FORT PECK-WILLISTON	17,867,985	-	17,867,985	-		17,867,985
37	East	TL	FP WP 2	FORT PECK-WOLF POINT #2	7,554,492	-	7,554,492	-		7,554,492
38	East	TL	FR FT D	FORT RANDALL-FORT THOMPSON 1&2	7,782,247	-	7,782,247	-		7,782,247
39	East	TL	FR GP	FORT RANDALL-GAVIN'S POINT	2,319,939	-	2,319,939	-		2,319,939
40	East	TL	FR GY	FORT RANDALL-GREGORY	777,327	-	777,327	-		777,327
41	East	TL	FR MV	FORT RANDALL-MT VERNON	2,269,522	-	2,269,522	-		2,269,522
42	East	TL	FR ON	FORT RANDALL-O'NEILL	937,082	-	937,082	-		937,082
43	East	TL	FR SC D	FORT RANDALL-SIOUX CITY 1&2	11,919,659	-	11,919,659	-		11,919,659
44	East	TL	FT GI	FORT THOMPSON-GRAND ISLAND	17,831,554	-	17,831,554	-		17,831,554
45	East	TL	FT HU D	FORT THOMPSON-HURON 230-KV 1&2	7,747,203	-	7,747,203	-		7,747,203
46	East	TL	FT SF D	FORT THOMPSON-SIOUX FALLS 1&2	10,455,917	-	10,455,917	-		10,455,917
47	East	TL	GA BS D	GARRISON-BISMARCK 230KV 1&2	10,713,977	-	10,713,977	-		10,713,977
48	East	TL	GA JT	GARRISON-JAMESTOWN	5,062,688	-	5,062,688	-		5,062,688
49	East	TL	GA ML	GARRISON-MALLARD	1,948,079	-	1,948,079	-		1,948,079
50	East	TL	GA WJ	GARRISON-WM. J. NEAL	1,521,174	-	1,521,174	-		1,521,174
51	East	TL	GP BN	GAVINS POINT-BELDEN	455,727	-	455,727	-		455,727
52	East	TL	GP SF	GAVINS POINT-SIOUX FALLS	3,361,449	-	3,361,449	-		3,361,449
53	East	TL	GF MO	GRANITE FALLS- MORRIS	3,279,089	-	3,279,089	-		3,279,089
54	East	TL	GF MNV	GRANITE FALLS-MINNESOTA VALLEY	156,778	-	156,778	-		156,778

55	East	TL	GY MS	GREGORY-MISSION	10,110,752	-	10,110,752	-	10,110,752
56	East	TL	GR HU	GROTON-HURON	1,270,645	-	1,270,645	-	1,270,645
57	East	TL	GR SU	GROTON-SUMMIT	3,255,847	-	3,255,847	-	3,255,847
58	East	TL	HE DV	HESKETT-DEVAUL	6,016,436	-	6,016,436	-	6,016,436
59	East	TL	HETNU	HETTINGER-NEW UNDERWOOD	11,263,708	-	11,263,708	-	11,263,708
60	East	TL	HU MV	HURON-MT VERNON	617,623	-	617,623	-	617,623
61	East	TL	HU WT D	HURON-WATERTOWN 230KV 1&3	6,319,622	-	6,319,622	-	6,319,622
62	East	TL	JT ED	JAMESTOWN-EDGELEY	1,189,520	-	1,189,520	-	1,189,520
63	East	TL	JT FA 1	JAMESTOWN-FARGO NO. 1	4,941,649	-	4,941,649	-	4,941,649
64	East	TL	JT FA 2	JAMESTOWN-FARGO NO. 2	3,155,850	-	3,155,850	-	3,155,850
65	East	TL	JT GK	JAMESTOWN-GRAND FORKS	28,856,299	-	28,856,299	-	28,856,299
66	East	TL	JT VC	JAMESTOWN-VALLEY CITY	1,055,414	-	1,055,414	-	1,055,414
67	East	TL	KD CCR	KILDEER-CHARLIE CREEK	7,039,893	-	7,039,893	-	7,039,893
68	East	TL	LE DL	LEEDS-DEVILS LAKE	9,199,830	-	9,199,830	-	9,199,830
69	East	TL	LE RL	LEEDS-ROLLA	6,257,786	-	6,257,786	-	6,257,786
70	East	TL	ML RG	MALLARD-RUGBY	1,089,083	-	1,089,083	-	1,089,083
71	East	TL	MR MS	MARTIN-MISSION	1,816,904	-	1,816,904	-	1,816,904
72	East	TL	MR PL	MARTIN-PHILIP	2,469,604	-	2,469,604	-	2,469,604
73	East	TL	MA RC	MAURINE-RAPID CITY	6,346,265	-	6,346,265	-	6,346,265
74	East	TL	MC BK	MILES CITY-BAKER	11,220,164	-	11,220,164	-	11,220,164
75	East	TL	NU PL	NEW UNDERWOOD-PHILIP	3,216,069	-	3,216,069	-	3,216,069
76	East	TL	NU RC 1	NEW UNDERWOOD-RAPID CITY NO. 1	1,132,486	-	1,132,486	-	1,132,486
77	East	TL	NU RC 2	NEW UNDERWOOD-RAPID CITY NO. 2	309,991	-	309,991	-	309,991
78	East	TL	NU SG C	NEW UNDERWOOD-STEGALL (HURON)	2,651,860	-	2,651,860	-	2,651,860
79	East	TL	OA FT N	OAHE-FORT THOMPSON 230KV 1&2	3,973,416	-	3,973,416	-	3,973,416
80	East	TL	OA FT S	OAHE-FORT THOMPSON 230KV 3&4	5,563,296	-	5,563,296	-	5,563,296
81	East	TL	OA GH	OAHE-GLENHAM	5,949,648	-	5,949,648	-	5,949,648
82	East	TL	OA MA	OAHE-MAURINE	3,226,732	-	3,226,732	-	3,226,732
83	East	TL	OA NU	OAHE-NEW UNDERWOOD	6,868,036	-	6,868,036	-	6,868,036
84	East	TL	OA PI	OAHE-PIERRE	388,816	-	388,816	-	388,816
85	East	TL	OF MC	O'FALLON CREEK-MILES CITY	2,488,318	-	2,488,318	-	2,488,318
86	East	TL	ORD GSO	ORDWAY-GROTON SOUTH	2,038,920	-	2,038,920	-	2,038,920
87	East	TL	PI PL	PIERRE-PHILIP	2,140,436	-	2,140,436	-	2,140,436
88	East	TL	RC DRY	RAPID CITY-DRY CREEK	9,269,194	-	9,269,194	-	9,269,194
89	East	TL	ELCRC	RAPID CITY-ELK CREEK 115-kV T/L	52,064	-	52,064	-	52,064
90	East	TL	RCOSU	ROBERTS COUNTY-SUMMIT	799,952	-	799,952	-	799,952
91	East	TL	RG LE	RUGBY-LEEDS	2,235,655	-	2,235,655	-	2,235,655
92	East	TL	SC DN	SIOUX CITY-DENISON	18,190,843	-	18,190,843	-	18,190,843
93	East	TL	SC SP	SIOUX CITY-SPENCER	1,938,353	-	1,938,353	-	1,938,353
94	East	TL	SC SF	SIOUX FALLS- SIOUX CITY	3,217,192	-	3,217,192	-	3,217,192
95	East	TL	SF VFO	SIOUX FALLS-VIRGIL FODNESS 230KV T-LINE	277,897	-	277,897	-	277,897
96	East	TL	SU WT	SUMMIT-WATERTOWN	6,743,203	-	6,743,203	-	6,743,203
97	East	TL	UJ SF	UTICA JCT-SIOUX FALLS	3,485,236	-	3,485,236	-	3,485,236
98	East	TL	VC FO	VALLEY CITY-FORMAN	2,418,957	-	2,418,957	-	2,418,957
99	East	TL	UJ VFO	VIRGIL FODNESS-UTICA JUNCTION-FT RANDALL/RASMUS	312,931	-	312,931	-	312,931
100	East	TL	WDDBEF	WARD DELIVERY-BELFIELD 230KV T-LINE	161,893	-	161,893	-	161,893
101	East	TL	WT GF D	WATERTOWN-GRANITE FALLS 1&2	7,488,154	-	7,488,154	-	7,488,154
102	East	TL	WT SC	WATERTOWN-SIOUX CITY	26,924,889	-	26,924,889	-	26,924,889
103	East	TL	WN WC	WILLISTON-WATFORD CITY	17,627,868	-	17,627,868	-	17,627,868
104	East	TL	WP CR	WOLF POINT-CIRCLE	11,035,514	-	11,035,514	-	11,035,514
105	East	TL	WJ RG	WM. J. NEAL-RUGBY	4,629,316	-	4,629,316	-	4,629,316
106	East	TL Total		TRANSMISSION LINES	553,314,864	-	553,314,864	-	(51,813.00) 553,263,051.17
107	East	SUB	AN	ANITA	6,259	-	6,259	-	6,259
108	East	SUB	AVS	ANTELOPE VALLEY	12,377	-	12,377	-	12,377
109	East	SUB	APD	APPELDORN SUBSTATION	5,795,384	-	5,795,384	-	5,795,384
110	East	SUB	AR	ARMOUR SUBSTATION	2,318,295	(800,024)	1,518,272	-	1,518,272
111	East	SUB	AHS	ASH SUBSTATION	63,325	-	63,325	-	63,325
112	East	SUB	AUR	AURORA SUBSTATION	2,931,082	(124,344)	2,806,738	-	2,806,738
113	East	SUB	BK	BAKER	369,059	-	369,059	-	369,059
114	East	SUB	BN	BELDEN SUBSTATION	298,522	-	298,522	-	298,522
115	East	SUB	BEF	BELFIELD SUBSTATION	14,802,723	(109,224)	14,693,499	-	14,693,499

116	East	SUB	BE	BERESFORD SUBSTATION	4,733,510	(231,321)	4,502,189	-	4,502,189
117	East	SUB	BB	BISBEE SUBSTATION	495,306	(441,104)	54,202	-	54,202
118	East	SUB	BS	BISMARK SUBSTATION	19,727,360	(200,648)	19,526,712	-	19,526,712
119	East	SUB	BI	BISON	35,854	-	35,854	-	35,854
120	East	SUB	BO	BONESTEEL SUBSTATION	3,496,396	(1,310,501)	2,185,895	-	2,185,895
121	East	SUB	BR	BROOKINGS SUBSTATION	14,164,196	-	14,164,196	-	14,164,196
122	East	SUB	CBC	CAMPBELL COUNTY SWITCHING STATION	4,798,763	-	4,798,763	-	4,798,763
123	East	SUB	CRP	CARPENTER SUBSTATION	2,752,078	-	2,752,078	-	2,752,078
124	East	SUB	CA	CARRINGTON SUBSTATION	3,876,966	(1,007,873)	2,869,092	-	2,869,092
125	East	SUB	CCR	CHARLIE CREEK	1,365,436	-	1,365,436	-	1,365,436
126	East	SUB	CR	CIRCLE SUBSTATION	8,846,515	(2,065,347)	6,781,167	-	6,781,167
127	East	SUB	CS	CRESTON SUBSTATION	8,505,890	-	8,505,890	-	8,505,890
128	East	SUB	CQE	CULBERTSON EAST SWITCHING STATION	2,390,851	-	2,390,851	-	2,390,851
129	East	SUB	CT	CUSTER TRAIL SUBSTATION	1,588,077	(1,567,242)	20,834	-	20,834
130	East	SUB	DC	DAWSON COUNTY SUBSTATION	11,182,249	(2,305)	11,179,944	-	11,179,944
131	East	SUB	DNT	DENBIGH TAP	848,872	(109,673)	739,200	-	739,200
132	East	SUB	DN	DENISON SUBSTATION	16,272,743	-	16,272,743	-	16,272,743
133	East	SUB	DV	DEVAUL SUBSTATION	1,657,438	(1,657,438)	0	-	0
134	East	SUB	DL	DEVILS LAKE SUBSTATION	12,332,947	(537,805)	11,795,142	-	11,795,142
135	East	SUB	DK	DICKINSON	108,820	-	108,820	-	108,820
136	East	SUB	EJ	E. J. MANNING	49,112	-	49,112	-	49,112
137	East	SUB	EA	EAGLE	88,696	-	88,696	-	88,696
138	East	SUB	EB	EAGLE BUTTE SUBSTATION	2,149,404	(1,211,250)	938,154	-	938,154
139	East	SUB	ED	EDGELEY SUBSTATION	6,813,254	(1,197,122)	5,616,132	-	5,616,132
140	East	SUB	ELC	ELK CREEK SUBSTATION	2,092,684	(17,147)	2,075,537	-	2,075,537
141	East	SUB	EL	ELLENDALE SUBSTATION	579	(579)	-	-	0
142	East	SUB	ELI	ELLIOTT SWITCHING STATION	3,529,818	(41,652)	3,488,166	-	3,488,166
143	East	SUB	END	ENDERLIN TAP STATION	749,768	(494,847)	254,921	-	254,921
144	East	SUB	EXI	EXIRA SWITCHING STATION	5,508,482	(164,229)	5,344,253	-	5,344,253
145	East	SUB	FVW	FAIRVIEW WEST SWITCHING STATION	4,318,484	-	4,318,484	-	4,318,484
146	East	SUB	FH	FAITH SUBSTATION	1,235,034	(586,377)	648,658	-	648,658
147	East	SUB	FA	FARGO SUBSTATION	28,177,761	-	28,177,761	-	28,177,761
148	East	SUB	FL	FLANDREAU SUBSTATION	4,407,241	(40,435)	4,366,806	-	4,366,806
149	East	SUB	FO	FORMAN SUBSTATION	7,507,076	(1,303,751)	6,203,326	-	6,203,326
150	East	SUB	FR	FORT RANDALL	253,710	-	253,710	-	253,710
151	East	SUB	FT2	FORT THOMPSON #2	13,833,713	-	13,833,713	-	13,833,713
152	East	SUB	FT	FORT THOMPSON SUBSTATION	17,659,238	(163,144)	17,496,094	-	17,496,094
153	East	SUB	GL	GLENDDIVE SUBSTATION	1,757,750	-	1,757,750	-	1,757,750
154	East	SUB	GK	GRAND FORKS SUBSTATION	15,403,790	-	15,403,790	-	15,403,790
155	East	SUB	GI	GRAND ISLAND SUBSTATION	18,824,370	-	18,824,370	-	18,824,370
156	East	SUB	GRP	GRAND PRAIRIE SUBSTATION	269,023	-	269,023	-	269,023
157	East	SUB	GF	GRANITE FALLS SUBSTATION	24,385,266	(1,922,930)	22,462,336	-	22,462,336
158	East	SUB	GY	GREGORY SUBSTATION	1,517,925	(43,752)	1,474,173	-	1,474,173
159	East	SUB	GR	GROTON SUBSTATION	6,180,011	(326,877)	5,853,134	-	5,853,134
160	East	SUB	GSO	GROTON SOUTH SUBSTATION	8,524,819	-	8,524,819	-	8,524,819
161	East	SUB	HBN	HEBRON SWITCHING STATION	6,872,497	(59,777)	6,812,719	-	6,812,719
162	East	SUB	HET	HETTINGER	10,832	-	10,832	-	10,832
163	East	SUB	HLK	HILKEN SWITCHING STATION	3,925,050	(143,716)	3,781,334	-	3,781,334
164	East	SUB	HU	HURON SUBSTATION	13,557,476	(786,536)	12,770,940	-	12,770,940
165	East	SUB	JT	JAMESTOWN SUBSTATION	25,604,831	(1,112,294)	24,492,537	-	24,492,537
166	East	SUB	KD	KILLDEER SUBSTATION	7,118,009	(1,181,101)	5,936,908	-	5,936,908
167	East	SUB	LA	LAKOTA SUBSTATION	3,946,074	(1,642,332)	2,303,742	-	2,303,742
168	East	SUB	LE	LEEDS SUBSTATION	3,934,101	(158,722)	3,775,380	-	3,775,380
169	East	SUB	LET	LETCHER SUBSTATION	11,108,748	-	11,108,748	-	11,108,748
170	East	SUB	ML	MALLARD	29,969	-	29,969	-	29,969
171	East	SUB	MDN	MANDAN SUBSTATION	41,335	-	41,335	-	41,335
172	East	SUB	MR	MARTIN SUBSTATION	6,531,405	(836,290)	5,695,115	-	5,695,115
173	East	SUB	MA	MAURINE SUBSTATION	9,648,451	(343,742)	9,304,709	-	9,304,709
174	East	SUB	MD	MIDLAND SUBSTATION	1,333,801	(154,097)	1,179,704	-	1,179,704
175	East	SUB	MC2	MILES CITY SUB #2	7,904,071	-	7,904,071	-	7,904,071
176	East	SUB	MC	MILES CITY SUBSTATION	1,318,129	-	1,318,129	-	1,318,129

177	East	SUB	MGV	MINGUSVILLE SUBSTATION	5,381,273	-	5,381,273	-	5,381,273
178	East	SUB	MS	MISSION SUBSTATION	3,531,441	(586,992)	2,944,449	-	2,944,449
179	East	SUB	MO	MORRIS SUBSTATION	7,979,020	(1,095,435)	6,883,584	-	6,883,584
180	East	SUB	MV	MT VERNON SUBSTATION	5,517,623	(195,318)	5,322,305	-	5,322,305
181	East	SUB	NA	NASHUA SUB	72,368	(72,368)	-	-	0
182	East	SUB	NEL	NELSON SUBSTATION	1,944,817	(33,744)	1,911,073	-	1,911,073
183	East	SUB	NU	NEW UNDERWOOD SUBSTATION	18,359,553	-	18,359,553	-	18,359,553
184	East	SUB	NL	NEWELL SUBSTATION	4,160,684	(287,497)	3,873,188	-	3,873,188
185	East	SUB	OF	O'FALLON CREEK SUBSTATION	3,797,915	(71,356)	3,726,559	-	3,726,559
186	East	SUB	ON	O'NEILL SUB (NPP)	180,660	-	180,660	-	180,660
187	East	SUB	PET	PENN TAP	890,607	(108,485)	782,122	-	782,122
188	East	SUB	PL	PHILIP SUBSTATION	2,034,652	(209,290)	1,825,362	-	1,825,362
189	East	SUB	PI	PIERRE SUBSTATION	4,220,541	(699,890)	3,520,651	-	3,520,651
190	East	SUB	PLL	PLEASANT LAKE TAP	992,415	(160,601)	831,814	-	831,814
191	East	SUB	RC	RAPID CITY SUBSTATION	5,739,051	(630,015)	5,109,036	-	5,109,036
192	East	SUB	RH	RICHLAND SUBSTATION	1,733,528	(1,733,528)	-	-	0
193	East	SUB	RCO	ROBERTS COUNTY /2	8,375,651	-	8,375,651	(8,375,651)	(0)
194	East	SUB	RL	ROLLA SUBSTATION	623,513	-	623,513	-	623,513
195	East	SUB	RG	RUGBY SUBSTATION	8,764,448	(1,538,024)	7,226,424	-	7,226,424
196	East	SUB	SA	SAVAGE SUB	74,403	-	74,403	-	74,403
197	East	SUB	SL	SHIRLEY TAP	22,102	-	22,102	-	22,102
198	East	SUB	SC2	SIOUX CITY #2	13,002,875	-	13,002,875	-	13,002,875
199	East	SUB	SC	SIOUX CITY SUBSTATION	15,965,765	-	15,965,765	-	15,965,765
200	East	SUB	SF	SIOUX FALLS SUBSTATION	15,080,472	(516,513)	14,563,959	-	14,563,959
201	East	SUB	SP	SPENCER	8,022,741	(254,683)	7,768,058	-	7,768,058
202	East	SUB	SNY	STANLEY	49,735	-	49,735	-	49,735
203	East	SUB	SB	SULLY BUTTES	93,606	-	93,606	-	93,606
204	East	SUB	SUH	SULPHUR	25,796	-	25,796	-	25,796
205	East	SUB	SU	SUMMIT SUBSTATION	3,386,697	(334,513)	3,052,185	-	3,052,185
206	East	SUB	TR	TERRY TAP	661,497	(103,121)	558,376	-	558,376
207	East	SUB	TN	TOWNER	5,204,793	-	5,204,793	-	5,204,793
208	East	SUB	TY	TYNDALL SUBSTATION	1,190,631	(125,594)	1,065,037	-	1,065,037
209	East	SUB	UJ	UTICA JCT.	12,816,177	-	12,816,177	-	12,816,177
210	East	SUB	VH	V. T. HANLON	12,228,700	-	12,228,700	-	12,228,700
211	East	SUB	VC	VALLEY CITY SUBSTATION	6,991,078	(176,541)	6,814,537	-	6,814,537
212	East	SUB	VE	VETAL TAP	260,324	-	260,324	-	260,324
213	East	SUB	VFO	VIRGIL FODNESS SUBSTATION	3,220,641	-	3,220,641	-	3,220,641
214	East	SUB	WL	WALL SUBSTATION	1,575,443	(654,299)	921,144	-	921,144
215	East	SUB	WNB	WANBLEE TAP	25,379	-	25,379	-	25,379
216	East	SUB	WDD	WARD SUBSTATION	3,484,544	(45,362)	3,439,182	-	3,439,182
217	East	SUB	WB	WASHBURN SUBSTATION	1,996,819	(942,415)	1,054,404	-	1,054,404
218	East	SUB	WT2	WATERTOWN #2	3,223,563	-	3,223,563	-	3,223,563
219	East	SUB	WTS	WATERTOWN STATIC VAR SYSTEM	12,077,022	-	12,077,022	-	12,077,022
220	East	SUB	WT	WATERTOWN SUBSTATION	18,629,337	-	18,629,337	-	18,629,337
221	East	SUB	WC	WATFORD CITY SUB	7,637,764	(108,365)	7,529,399	-	7,529,399
222	East	SUB	WSG	WESSINGTON SPRINGS SUBSTATION	5,141,440	(181,849)	4,959,591	-	4,959,591
223	East	SUB	WHT	WHITE 345/115 SUB	12,340,200	-	12,340,200	-	12,340,200
224	East	SUB	WV	WICKSVILLE SUBSTATION	818,761	(250,593)	568,168	-	568,168
225	East	SUB	WN2	WILLISTON 2 SUBSTATION	15,629,037	-	15,629,037	-	15,629,037
226	East	SUB	WN	WILLISTON SUBSTATION /2	8,420,700	(97,320)	8,323,380	-	8,322,977
227	East	SUB	WI	WINNER SUBSTATION	3,289,729	(243,117)	3,046,613	-	3,046,613
228	East	SUB	WJ	WM. J. NEAL	183,222	-	183,222	-	183,222
229	East	SUB	WP	WOLF POINT SUBSTATION	7,471,674	(1,346,899)	6,124,775	-	6,124,775
230	East	SUB	WO	WOONSOCKET SUBSTATION	2,875,982	(1,579,680)	1,296,302	-	1,296,302
231	East	SUB	YJ	YANKTON JCT.	76,396	-	76,396	-	76,396
232	East	SUB	YA	YANKTON SUBSTATION	2,935	-	2,935	-	2,935
233	East	SUB Total		SUBSTATIONS	711,396,822	(38,480,956)	672,915,867	-	(8,376,054.00) 664,539,812.57
234	East	O&M	ARC	ARMOUR O&M SER. CEN.	3,488,667	-	3,488,667	-	3,488,667
235	East	O&M	BSM	BISMARCK O&M SER. CEN.	13,518,891	-	13,518,891	-	13,518,891
236	East	O&M	DCF	DAWSON SER. CEN.	6,853,289	-	6,853,289	-	6,853,289
237	East	O&M	DLM	DEVILS LAKE O&M SER. CEN.	3,852,064	-	3,852,064	-	3,852,064

238	East	O&M	FAO	FARGO LINE MAINTENANCE FACILITY	2,203,121	-	2,203,121	-	2,203,121
239	East	O&M	FAM	FARGO O&M SER. CEN.	584,445	-	584,445	-	584,445
240	East/West 50%	O&M	FPM	FORT PECK SER. CEN.	4,203,629	-	4,203,629	-	4,203,629
241	East	O&M	FTM	FORT THOMPSON O&M S. C.	2,209,623	-	2,209,623	-	2,209,623
242	East	O&M	HUM	HURON O&M SER. CEN.	3,003,551	-	3,003,551	-	3,003,551
243	East	O&M	JTM	JAMESTOWN O&M SER. CEN.	3,874,657	-	3,874,657	-	3,874,657
244	East	O&M	NUM	NEW UNDERWOOD SER. CEN.	96,884	-	96,884	-	96,884
245	East	O&M	PLM	PHILIP O&M SER. CENT.	1,667,485	-	1,667,485	-	1,667,485
246	East	O&M	PIM	PIERRE O&M SER. CEN.	1,053,841	-	1,053,841	-	1,053,841
247	East	O&M	RCM	RAPID CITY GARAGE & STOR.	2,221,967	-	2,221,967	-	2,221,967
248	East	O&M	RCN	RAPID CITY NORTH O&M SER. CEN.	1,285,819	-	1,285,819	-	1,285,819
249	East	O&M	SCM	SIOUX CITY O&M SER. CEN.	7,115,527	-	7,115,527	-	7,115,527
250	East	O&M	SFC	SIOUX FALLS O&M SER. CEN.	4,740,500	-	4,740,500	-	4,740,500
251	East	O&M	WTM	WATERTOWN MAINT. CEN.	7,452,151	-	7,452,151	-	7,452,151
252	East	O&M Total		O&M SERVICE & MAINT. CENTERS	69,426,112	-	69,426,112	-	69,426,111.60
253	East	OPS	WAO	WATERTOWN ALTERNATE OPERATIONS CENTER	7,134,157	-	7,134,157	-	7,134,157
254	East	OPS	WTO	WATERTOWN OPERATIONS CENT	1,785,958	-	1,785,958	(355,271)	1,430,687
255	East	OPS	WTO F	WATERTOWN OPER CTR (BFPS)	12,261,116	-	12,261,116	(1,588,854)	10,672,262
256	East	OPS Total		OPERATION CENTERS	21,181,231	-	21,181,231	(1,944,125.25)	19,237,105.58
257	East	MOB	MOBW2	MOB 115KV SWITCH TRAILER	69,741	-	69,741	-	69,741
258	East	MOB	MOBT2	MOB TRANSF 115KV 10MVA	218,493	-	218,493	-	218,493
259	East	MOB	MOBT4	MOB TRANSF 115KV 40MVA	526,201	-	526,201	-	526,201
260	East	MOB	MOBT6	MOB TRANSF 230KV 1-33MVA	170,278	-	170,278	-	170,278
261	East	MOB	MOBB2	MOBILE BY PASS KIT (BISMARCK)	35,071	-	35,071	-	35,071
262	East	MOB	MOBB1	MOBILE BY PASS KIT (HURON)	163,695	-	163,695	-	163,695
263	East	MOB	MOBC4	MOBILE CAPACITOR BANK	19,075	-	19,075	-	19,075
264	East	MOB	MOBS6	MOBILE SUB 110KV	127,144	-	127,144	-	127,144
265	East	MOB	MOBS9	MOBILE SUB 115KV 20MVA	404,166	-	404,166	-	404,166
266	East	MOB	MOBS10	MOBILE SUB 115KV/41.8 KV 20MVA	1,474,766	(1,474,766)	-	-	0
267	East	MOB	MOBS7	MOBILE SUB 41.8 KV	192,498	(192,498)	-	-	0
268	East	MOB	MOBS5	MOBILE SUB 69KV	2,305,427	-	2,305,427	-	2,305,427
269	East	MOB	MOBR2	MOB SH.REACTOR	179,328	-	179,328	-	179,328
270	East	MOB Total		MOBILE EQUIPMENT	5,885,882	(1,667,264)	4,218,618	-	4,218,617.64
271	East	GEN	BG FT L	BIG BEND-FORT THOMPSON (LOW VOLTAGE)	81,944	-	81,944	(81,944)	0
272	East	GEN	FP	FORT PECK POWERPLANT (COE)	124,887	-	124,887	(64,611)	60,276
273	East	GEN	FT BG 1	FORT THOMPSON-BIG BEND NO. 1	922,164	-	922,164	-	922,164
274	East	GEN	FT BG 2	FORT THOMPSON-BIG BEND NO. 2	690,735	-	690,735	-	690,735
275	East	GEN Total		TRANSMISSION-RELATED GEN. FACILITIES	1,819,730	-	1,819,730	(146,555.39)	1,673,175.02
276	East	COM	ATC	ATLANTIC COMMUNICATION SITE	58,086	-	58,086	(18,558)	39,527
277	East	COM	BK2	BAKER RELAY	297,948	-	297,948	(95,194)	202,754
278	East	COM	BTY	BANTRY	409,860	-	409,860	(130,950)	278,909
279	East	COM	BAE	BARRETT	99,835	-	99,835	(31,897)	67,937
280	East	COM	BMW	BATTLE MT. MICROWAVE	352,404	-	352,404	(112,593)	239,811
281	East	COM	BPR	BELLE PRAIRIE	443,398	-	443,398	(141,666)	301,732
282	East	COM	BET	BENEDICT	227,040	-	227,040	(72,539)	154,501
283	East	COM	BU	BEULAH	10,679	-	10,679	(3,412)	7,267
284	East	COM	BG	BIG BEND	113,362	-	113,362	(36,219)	77,143
285	East	COM	BJR	BIJOU REPEATER	517,974	-	517,974	(165,493)	352,482
286	East	COM	BDO	BISMARCK DIS. OFFICE	44,789	-	44,789	(14,310)	30,479
287	East	COM	BSR	BISMARCK REPEATER	426,667	-	426,667	(136,320)	290,347
288	East	COM	BIR	BISON REPEATER	232,618	-	232,618	(74,321)	158,296
289	East	COM	BOW	BOWMAN	40,530	-	40,530	(12,949)	27,581
290	East	COM	BRI	BRINSMADE	274,626	-	274,626	(87,743)	186,883
291	East	COM	BSL	BRISTOL	19,704	-	19,704	(6,296)	13,409
292	East	COM	BRV	BRUNSVILLE REPEATER	92,595	-	92,595	(29,584)	63,011
293	East	COM	BFF	BUFFALO	107,342	-	107,342	(34,296)	73,046
294	East	COM	CAH	CAHOON	266,782	-	266,782	(85,237)	181,545
295	East	COM	CAZ	CARRINGTON REPEATER	703,661	-	703,661	(224,820)	478,841
296	East	COM	CHK	CHARTER OAK REPEATER	37,034	-	37,034	(11,832)	25,201
297	East	COM	CKR	CLARK MW REPEATER	771,076	-	771,076	(246,359)	524,717

298	East	COM	CLV	CLEVELAND REPEATER, N.D.	66,872	-	66,872	(21,366)	45,507
299	East	COM	CMR	COLEMAN REPEATER	105,281	-	105,281	(33,637)	71,644
300	East	COM	CME	COLOME REPEATER	301,355	-	301,355	(96,283)	205,072
301	East	COM	CSR	CRESTON REPEATER	64,775	-	64,775	(20,696)	44,079
302	East	COM	CLR	CROW LAKE REPEATER	251,029	-	251,029	(80,204)	170,825
303	East	COM	CBT	CROWN BUTTE	52,565	-	52,565	(16,795)	35,770
304	East	COM	CRR	CULBERTSON RADIO RELAY SITE	1,926	-	1,926	(615)	1,311
305	East	COM	CQR	CULBERTSON REPEATER	49,630	-	49,630	(15,857)	33,773
306	East	COM	CUL	CUSTER LOOKOUT	211,206	-	211,206	(67,480)	143,726
307	East	COM	DAL	DALTON (WES)	63,660	-	63,660	(20,339)	43,321
308	East	COM	DLC	DEVILS LAKE FIBER REGEN	349,742	-	349,742	(111,742)	237,999
309	East	COM	DLZ	DEVILS LAKE REPEATER	577,022	-	577,022	(184,358)	392,663
310	East	COM	DO	DOGDEN BUTTE	399,032	-	399,032	(127,491)	271,541
311	East	COM	DRS	DRISCOLL	79,113	-	79,113	(25,277)	53,837
312	East	COM	DU	DUPREE REPEATER	1,821	-	1,821	(582)	1,239
313	East	COM	ERB	EAST RAINY BUTTE	209,857	-	209,857	(67,049)	142,808
314	East	COM	ECK	ECKELSON	240,324	-	240,324	(76,783)	163,540
315	East	COM	EKR	ELKTON	318,947	-	318,947	(101,904)	217,043
316	East	COM	ELZ	ELLENDALE REPEATER	830,244	-	830,244	(265,263)	564,981
317	East	COM	EWA	ELLSWORTH AIR BASE	220,206	-	220,206	(70,356)	149,850
318	East	COM	ERH	ERHARD	99,569	-	99,569	(31,812)	67,757
319	East	COM	EX	EXIRA REPEATER	2,527	-	2,527	(807)	1,720
320	East	COM	FB	F. L. BLAIR	101,254	-	101,254	(32,351)	68,904
321	East	COM	FAP	FAIRPOINT REPEATER	206,550	-	206,550	(65,993)	140,557
322	East	COM	FNR	FALLON REPEATER	328,816	-	328,816	(105,057)	223,759
323	East	COM	FAC	FARGO MICROWAVE	154,375	-	154,375	(49,323)	105,053
324	East	COM	FCS	FERGUS FALLS COMMUNICATIONS SITE	536,646	-	536,646	(171,458)	365,188
325	East	COM	FLW	FLOWING WELLS	68,763	-	68,763	(21,970)	46,793
326	East	COM	FBS	FORBES COMMUNICATION SITE	70,575	-	70,575	(22,549)	48,026
327	East	COM	FP1	FORT PECK RELAY (WES)	97,512	-	97,512	(31,155)	66,357
328	East	COM	FPC	FORT PECK COMMUNICATIONS BUILDING	507,498	-	507,498	(162,146)	345,352
329	East	COM	FPI	FORT PIERRE POLE YARD	785,698	-	785,698	(251,031)	534,668
330	East	COM	FTR	FORT THOMPSON REPEATER	99,223	-	99,223	(31,702)	67,521
331	East	COM	FTP	FORT THOMPSON REPEATER (EAST RIVER)	301,614	-	301,614	(96,366)	205,248
332	East	COM	FRY	FRYBURG SUB & MICROWAVE	174,742	-	174,742	(55,830)	118,912
333	East	COM	GA	GARRISON	331,415	-	331,415	(105,887)	225,528
334	East	COM	GAD	GARRISON DAM	26,900	-	26,900	(8,595)	18,306
335	East	COM	GRR	GARY REPEATER	80,799	-	80,799	(25,815)	54,983
336	East	COM	GP	GAVIN'S POINT	148,752	-	148,752	(47,526)	101,226
337	East	COM	GPR	GAVINS POINT REPEATER	325,520	-	325,520	(104,004)	221,516
338	East	COM	GET	GETTYSBURG REPEATER	378,095	-	378,095	(120,801)	257,294
339	East	COM	GH	GLENHAM COMM SITE	386,754	-	386,754	(123,568)	263,186
340	East	COM	GKM	GRAND FORKS MINNKOTA (MPC)	-	-	-	-	0
341	East	COM	GWN	GWINNER COMMUNICATIONS SITE	753,821	-	753,821	(240,846)	512,975
342	East	COM	HSB	HAILSTONE BUTTE	211,146	-	211,146	(67,461)	143,685
343	East	COM	HOY	HALLOWAY REPEATER	109,706	-	109,706	(35,051)	74,655
344	East	COM	HMW	HERMOSA MICROWAVE	302,701	-	302,701	(96,713)	205,988
345	East	COM	HMR	HIGHMORE REPEATER	157,601	-	157,601	(50,354)	107,248
346	East	COM	HOE	HOPEWELL REPEATER	189,111	-	189,111	(60,421)	128,690
347	East	COM	HNT	HUNTER MICROWAVE	252,966	-	252,966	(80,822)	172,143
348	East	COM	HUD	HURON DISTRICT OFFICE	800,964	-	800,964	(255,908)	545,056
349	East	COM	JTR	JAMESTOWN REPEATER	46,981	-	46,981	(15,011)	31,971
350	East	COM	JCK	JONES CREEK	267,395	-	267,395	(85,433)	181,962
351	East	COM	KCK	KELLY CREEK	311,695	-	311,695	(99,587)	212,109
352	East	COM	KDZ	KILLDEER REPEATER	560,595	-	560,595	(179,110)	381,485
353	East	COM	LAC	LAC QUI PARLE	759,357	-	759,357	(242,615)	516,743
354	East	COM	LKR	LAKE ANDES REPEATER	735,971	-	735,971	(235,143)	500,828
355	East	COM	LEF	LEFOR	210,945	-	210,945	(67,397)	143,548
356	East	COM	LI	LINDSAY RIDGE	79,462	-	79,462	(25,388)	54,074
357	East	COM	LCS	LINTON COMMUNICATIONS SITE	317,736	-	317,736	(101,517)	216,219
358	East	COM	LMO	LITTLE MISSOURI SUBSTATION	88,435	-	88,435	(28,255)	60,180

359	East	COM	MNM	MANDAN MICROWAVE SITE	69,988	-	69,988	(22,361)	47,627	
360	East	COM	MPR	MAPLE RIVER	172,792	-	172,792	(55,207)	117,585	
361	East	COM	MRR	MARTIN REPEATER	308,682	-	308,682	(98,624)	210,058	
362	East	COM	MAV	MAYVILLE	239,897	-	239,897	(76,647)	163,250	
363	East	COM	MLR	MIDLAND REPEATER	550,238	-	550,238	(175,801)	374,437	
364	East	COM	MOX	MOE REPEATER	15,012	-	15,012	(4,796)	10,215	
365	East	COM	MH	MOORHEAD	125,057	-	125,057	(39,956)	85,101	
366	East	COM	MSR	MORRIS REPEATER & MICROWAVE	161,994	-	161,994	(51,757)	110,237	
367	East	COM	NWC	NEWCASTLE REPEATER	216,330	-	216,330	(69,117)	147,213	
368	East	COM	OA	OAHE	620,746	-	620,746	(198,328)	422,417	
369	East	COM	OK	O'KREEK REPEATER	395,868	-	395,868	(126,480)	269,388	
370	East	COM	OR	ORCHARD REPEATER	587,442	-	587,442	(187,688)	399,754	
371	East	COM	OTO	OTO MICROWAVE	16,445	-	16,445	(5,254)	11,191	
372	East	COM	OTW	OTTUMWA ROAD REPEATER SITE	7,685	-	7,685	(2,455)	5,229	
373	East	COM	PGE	PAGE N.D.	1,646	-	1,646	(526)	1,120	
374	East	COM	PAH	PAHOJA SUB	126,805	-	126,805	(40,514)	86,291	
375	East	COM	PEK	PEAK	92,751	-	92,751	(29,634)	63,117	
376	East	COM	PLJ	PHILIP JCT. REPEATER	423,117	-	423,117	(135,186)	287,931	
377	East	COM	PKT	PICKERT MINNKOTA (MPC)	17,849	-	17,849	(5,703)	12,147	
378	East	COM	PO	POPLAR (MDU)	465,768	-	465,768	(148,813)	316,955	
379	East	COM	PRR	PRIMGHAR REPEATER	37,178	-	37,178	(11,878)	25,299	
380	East	COM	PUR	PUKWANNA REPEATER	4,772	-	4,772	(1,525)	3,247	
381	East	COM	RCR	RAPID CITY REPEATER	419,355	-	419,355	(133,984)	285,371	
382	East	COM	RHE	RHAME	27,433	-	27,433	(8,765)	18,668	
383	East	COM	RRR	ROCKY RIDGE REPEATER	201,973	-	201,973	(64,530)	137,443	
384	East	COM	ROG	ROLLAG	83,270	-	83,270	(26,605)	56,665	
385	East	COM	RGZ	RUGBY REPEATER	726,427	-	726,427	(232,093)	494,333	
386	East	COM	RI	RUTLAND	1,142,934	-	1,142,934	(365,167)	777,766	
387	East	COM	RP	ROUNDUP	11,533	-	11,533	(3,685)	7,848	
388	East	COM	SNB	SENTINEL BUTTE	241,334	-	241,334	(77,106)	164,228	
389	East	COM	SCQ	SIOUX CITY REPEATER	461,146	-	461,146	(147,336)	313,810	
390	East	COM	SFR	SIOUX FALLS REPEATER	329,860	-	329,860	(105,390)	224,469	
391	East	COM	SI	SIOUX PASS	1,366	-	1,366	(436)	930	
392	East	COM	SNA	SNAKE BUTTE REPEATER	541,759	-	541,759	(173,092)	368,667	
393	East	COM	SPN	SPALDING REPEATER	534,311	-	534,311	(170,712)	363,599	
394	East	COM	SM	SPIRIT MOUND	295,982	-	295,982	(94,566)	201,416	
395	East	COM	STR	STRASBERG	1,853	-	1,853	(592)	1,261	
396	East	COM	SMR	SUMMIT REPEATER	50,053	-	50,053	(15,992)	34,061	
397	East	COM	TCS	TAPPEN COMMUNICATION SITE	502,057	-	502,057	(160,407)	341,650	
398	East	COM	TA	TAPPEN REPEATER	474,348	-	474,348	(151,554)	322,794	
399	East	COM	TEN	TENNANT COMMUNICATIONS SITE	8,782	-	8,782	(2,806)	5,976	
400	East	COM	TOR	TORONTO REPEATER	106,096	-	106,096	(33,898)	72,198	
401	East	COM	TFR	TRIPP REPEATER	216,887	-	216,887	(69,295)	147,592	
402	East	COM	TU	TURKEY RIDGE REPEATER	628,990	-	628,990	(200,962)	428,028	
403	East	COM	VIC	VICTOR (EREC)	228,059	-	228,059	(72,865)	155,194	
404	East	COM	VIA	VIDA	117,122	-	117,122	(37,420)	79,701	
405	East	COM	WLR	WALL REPEATER	579,363	-	579,363	(185,107)	394,257	
406	East	COM	WTR	WATERTOWN REPEATER	729,389	-	729,389	(233,040)	496,349	
407	East	COM	WS	WAYSIDE	54,476	-	54,476	(17,405)	37,071	
408	East	COM	WSR	WESSINGTON SPGS. REPEATER	929,922	-	929,922	(297,110)	632,812	
409	East	COM	WEF	WESTFIELD	25,198	-	25,198	(8,051)	17,147	
410	East	COM	WSW	WHITE SWAN	91,987	-	91,987	(29,390)	62,597	
411	East	COM	WK	WHITLOCK	21,500	-	21,500	(6,869)	14,631	
412	East	COM	WK C	WHITLOCK (BCPS)	117,922	-	117,922	(37,676)	80,246	
413	East	COM	WRP	WILLISTON REPEATER	36,499	-	36,499	(11,662)	24,838	
414	East	COM	WOB	WOLBACH REPEATER	28,280	-	28,280	(9,035)	19,244	
415	East	COM Total		COMMUNICATION FACILITIES	35,938,329	-	35,938,329	(11,482,296.15)	-	24,456,032.95
416	East	DIST	BFTBP	BUFORD TRENTON TAP - BUFORD TRENTON P.P.	650,001	(650,001)	-	-	-	0
417	East	DIST	BP	BUFORD TRENTON PUMP SUB	184,827	(184,827)	-	-	-	0
418	East	DIST	FN	FALLON PUMPING PLANT SUB	223,594	(223,594)	-	-	-	0
419	East	DIST	FE	FALLON RELIFT PUMPING PLANT	171,257	(171,257)	-	-	-	0

420	East	DIST	FN GG	FALLON-GLENDIVE PUMP #4	25,506	(25,506)	-	-	0	
421	East	DIST	FP WP	FORT PECK-WOLF POINT	526,212	(371,700)	154,512	-	154,512	
422	East	DIST	FG	FRAZER PUMP SUB	253,597	(253,597)	-	-	0	
423	East	DIST	GA SK	GARRISON-SNAKE CREEK	1,079,092	(1,079,092)	-	-	0	
424	East	DIST	GG	GLENDIVE P.P. #1 SUB	425,706	(425,706)	-	-	0	
425	East	DIST	IN	INTAKE SUBSTATION	108,040	(108,040)	-	-	0	
426	East	DIST	IN INP	INTAKE-INTAKE PUMP	6,494	(6,494)	-	-	0	
427	East	DIST	SV	SAVAGE PUMPING PLANT SUB	102,283	(102,283)	-	-	0	
428	East	DIST	SY	SHIRLEY PUMP SUBSTATION	1,237,730	(1,237,730)	-	-	0	
429	East	DIST	SK	SNAKE CREEK PUMP SUBSTATION	920,941	(920,941)	-	-	0	
430	East	DIST	TE	TERRY PUMPING PLANT SWITCH	474,404	(474,404)	-	-	0	
431	East	DIST	VA	WIOTA SUBSTATION	216,163	(216,163)	-	-	0	
432	East	DIST Total		DISTRIBUTION FACILITIES	6,605,847	(6,451,335)	154,512	-	-	154,511.97
433	East	Sub Total		TOTAL EAST UGP FACILITIES	1,405,568,817	(46,599,555)	1,358,969,262	(13,572,976.78)	(8,427,867.00)	1,336,968,418.50
434										
435	West	TL	CONSH2	CONRAD-SHELBY #2	6,735,890	-	6,735,890	-		6,735,890
436	West	TL	FP HV	FORT PECK-HAVRE	28,806,330	-	28,806,330	-		28,806,330
437	West	TL	FP WH	FORT PECK-WHATELY	157,876	-	157,876	-		157,876
438	West	TL	GTFCON	GREAT FALLS-CONRAD	12,744,945	-	12,744,945	-		12,744,945
439	West	TL	HV RB	HAVRE-RAINBOW	8,681,332	-	8,681,332	-		8,681,332
440	West	TL	HV SH2	HAVRE-SHELBY#2	5,561,905	-	5,561,905	-		5,561,905
441	West	TL	LAHCF	LAKE HELENA SWITCHYARD - CANYON FERRY 100 KV	619,324	-	619,324	-		619,324
442	West	TL	MC CU	MILES CITY-CUSTER	3,750,704	-	3,750,704	-		3,750,704
443	West	TL	SH SH2	SHELBY-SHELBY #2	576,090	(576,090)	-	-		0
444	West	TL	TT TI	TIBER TAP-TIBER	1,084,858	-	1,084,858	-		1,084,858
445	West	TL	VR GTF	VERONA GREAT FALLS 161-kV LINE	5,110,115	-	5,110,115	-		5,110,115
446	West	TL	YT CU	YELLOWTAIL-CUSTER	4,195,753	-	4,195,753	-		4,195,753
447	West	TL Total		TRANSMISSION LINES	78,025,120	(576,090)	77,449,030	-	-	77,449,030.26
448	West	SUB	AB	ASSINNIBOINE	35,005	(35,005)	-	-		0
449	West	SUB	BOL	BOLE SUB	3,077,348	(630,455)	2,446,893	-		2,446,893
450	West	SUB	CF	CANYON FERRY	193,366	-	193,366	-		193,366
451	West	SUB	CON	CONRAD SUB	5,362,775	(151,625)	5,211,149	-		5,211,149
452	West	SUB	CRO	CROSSOVER SUB	13,357,071	-	13,357,071	-		13,357,071
453	West	SUB	CU	CUSTER SUBSTATION	4,826,391	(346,142)	4,480,249	-		4,480,249
454	West	SUB	GTF	GREAT FALLS SUBSTATION	8,470,404	-	8,470,404	-		8,470,404
455	West	SUB	HA	HARLEM	120,922	-	120,922	-		120,922
456	West	SUB	HV	HAVRE SUBSTATION	12,264,623	(62,475)	12,202,148	-		12,202,148
457	West	SUB	MT	MALTA	364,667	-	364,667	-		364,667
458	West	SUB	MC3	MILES CITY SUB #3	1,895,702	-	1,895,702	-		1,895,702
459	West	SUB	RB	RAINBOW SUBSTATION	250,629	(250,629)	-	-		0
460	West	SUB	RY	RUDYARD SUBSTATION	3,439,327	(1,380,449)	2,058,878	-		2,058,878
461	West	SUB	SH	SHELBY SUBSTATION	4,043,804	(4,043,804)	(0)	-		(0)
462	West	SUB	SH2	SHELBY SUBSTATION #2	5,673,893	(169,696)	5,504,197	-		5,504,197
463	West	SUB	TT	TIBER TAP	166,306	-	166,306	-		166,306
464	West	SUB	VR	VERONA	50,121	-	50,121	-		50,121
465	West	SUB	WH2	WHATELY (NORTHERN)	40,860	-	40,860	-		40,860
466	West	SUB	WH	WHATELY SUBSTATION	109,910	(54,083)	55,827	-		55,827
467	West	SUB Total		SUBSTATIONS	63,743,122	(7,124,364)	56,618,758	-	-	56,618,758.46
468	East/West 50%	O&M	FPM	FORT PECK SER. CEN.	4,203,629	-	4,203,629	-		4,203,629
469	West	O&M	HVM	HAVRE SERVICE CENTER	493,999	-	493,999	-		493,999
470	West	O&M	MCM	MILES CITY MTCE FAC.	1,328,278	-	1,328,278	-		1,328,278
471	West	O&M Total		O&M SERVICE & MAINT. CENTERS	6,025,906	-	6,025,906	-	-	6,025,906.14
472	West	MOB	MOBT12	MOB TRANSF 115KV 25MVA	814,665	-	814,665	-		814,665
473	West	COM	BAO	BILLINGS AREA OFFICE	175,877	-	175,877	(56,193)		119,684
474	West	COM	BON	BOLE NORTH REPEATER	149,228	-	149,228	(47,678)		101,550
475	West	COM	CHI F	CHINOOK (BEFP)	284,048	-	284,048	(90,753)		193,295
476	West	COM	CHR	CHINOOK REPEATER	118,577	-	118,577	(37,885)		80,692
477	West	COM	CBR	CONRAD BUTTE REPEATER	809,166	-	809,166	(258,529)		550,638
478	West	COM	CNN	COTTON	1,399	-	1,399	(447)		952
479	West	COM	DOD	DODSON REPEATER	975,067	-	975,067	(311,534)		663,533

480	West	COM	DUT	DUTTON REPEATER (BEFP)	147,653	-	147,653	(47,175)	100,478	
481	West	COM	FTH	FORSYTH	228,192	-	228,192	(72,907)	155,285	
482	West	COM	FPR	FORT PECK REPEATER	118,978	-	118,978	(38,014)	80,965	
483	West	COM	FCR	FOX CREEK MICROWAVE	441,926	-	441,926	(141,195)	300,731	
484	West	COM	HRT	HARLEM REPEATER	971,803	-	971,803	(310,491)	661,312	
485	West	COM	HTH	HATHAWAY	174,925	-	174,925	(55,889)	119,037	
486	West	COM	HIW	HIGHWOOD	22,896	-	22,896	(7,315)	15,581	
487	West	COM	HI	HINSDALE	201,837	-	201,837	(64,487)	137,350	
488	West	COM	HIR	HINSDALE REPEATER	191,015	-	191,015	(61,029)	129,986	
489	West	COM	HYS	HYSHAM	240,472	-	240,472	(76,831)	163,641	
490	West	COM	KNE	KNEE HILL MW	888,813	-	888,813	(283,976)	604,837	
491	West	COM	MRP	MALTA REPEATER	899,121	-	899,121	(287,269)	611,852	
492	West	COM	PIR	PINE RIDGE	303,017	-	303,017	(96,814)	206,203	
493	West	COM	RE	RICHARDSON COULEE	192,486	-	192,486	(61,499)	130,987	
494	West	COM	RER	RICHARDSON COULEE REPEATER	256,817	-	256,817	(82,053)	174,764	
495	West	COM	RHM	RICHLAND MW REPEATER (BEPS)	235,573	-	235,573	(75,266)	160,307	
496	West	COM	SAO	SACO	1,237	-	1,237	(395)	842	
497	West	COM	SRE	SHEEP COULEE REPEATER	853,380	-	853,380	(272,655)	580,725	
498	West	COM	TYE	TYLER REPEATER	1,144,167	-	1,144,167	(365,561)	778,605	
499	West	COM	YT P	YELLOWTAIL SWITCHYARD (BEPS)	319,929	-	319,929	(102,217)	217,712	
500	West	COM Total		COMMUNICATION FACILITIES	11,162,267	-	11,162,267	(3,306,058.88)	-	7,856,208.41
501	West	DIST	TI	TIBER DAM SUBSTATION	681,602	(681,602)	-	-	-	0
502	West	DIST Total		DISTRIBUTION FACILITIES	681,602	(681,602)	-	-	-	-
503	West	Sub Total		TOTAL WEST UGP FACILITIES	159,638,017	(8,382,055)	151,255,962	(3,306,058.88)	-	147,949,903.27
504	East	MCCS	MC4	MILES CITY CONVERTER STATION - BEPS	19,890,752	-	19,890,752	-	-	19,890,752
505	East	MCCS	MC4	MILES CITY CONVERTER STATION - BEFP	3,832,628	-	3,832,628	-	-	3,832,628
506	East	MCCS Total		MILES CITY CONVERTER STATION	23,723,379	-	23,723,379	-	-	23,723,379.40
507		Total		TOTAL UGP FACILITIES	1,588,930,214	(54,981,610)	1,533,948,604	(16,879,035.66)	(8,427,867.00)	1,508,641,701.17

					FY2023 UGP/RMR Facility	Recoverable	Generation	Other	FY2023 Actual Total
508		FID	DESCRIPTION	Totals (\$)	RMR Adjustments (\$)	Transmission Facility	Adjustments (\$)	Adjustments (\$)	(\$)
509	East	RMR	NU SG J	NEW UNDERWOOD-STEGALL	287,835	-	287,835	-	287,835
510	East	RMR	SG	STEGALL SUBSTATION	12,414,413	(12,111,804)	302,609	-	302,609
511	East	RMR	SG	STEGALL SUBSTATION	220,814	(220,814)	-	-	0
512	East	RMR	SG WS	STEGALL-WAYSIDE	4,580,668	-	4,580,668	-	4,580,668
513	East	RMR	WS	WAYSIDE	237,296	-	237,296	-	237,296
514	East	Sub Total		TOTAL EAST RMR FACILITIES	17,741,026	(12,332,618)	5,408,408	-	5,408,407.97
515	West	RMR	YT PY	YELLOWTAIL SWITCHYARD-YELLOWTAIL (PPL)	121,495	(91,121)	30,374		30,374
516	West	RMR	PY	YELLOWTAIL (PPL)	692,335	(519,251)	173,084		173,084
517	West	RMR	YT	YELLOWTAIL SWITCHYARD	13,943,552	(10,471,432)	3,472,121		3,472,121
518	West	MR Sub Total		ROCKY MOUNTAIN REGION FACILITIES	14,757,382	(11,081,804)	3,675,578	-	3,675,577.97
519		RMR Total		ROCKY MOUNTAIN REGION FACILITIES	32,498,408	(23,414,422)	9,083,986	-	9,083,985.94

				FY2023	Facility Totals (\$)	COE Adjustments (\$)	Recoverable Transmission Facility	Generation Adjustments (\$)	Other Adjustments (\$)	FY2023 Actual Total (\$)
520		FID	DESCRIPTION							
521	East	COE	BIG BEND		2,370,873	(1,772,523)	598,349			598,349
522	East/West 50%	COE	FORT PECK		8,169,802	(5,565,437)	2,604,364			2,604,364
523	East	COE	FORT RANDALL		34,494,082	(5,266,584)	29,227,499			29,227,499
524	East	COE	GARRISON		55,665,574	(14,103,135)	41,562,439			41,562,439
525	East	COE	GAVINS POINT		9,392,149	(7,097,567)	2,294,582			2,294,582
526	East	COE	OAHE		22,135,175	(1,824,651)	20,310,524			20,310,524
527	East	COE Sub Total	COE EAST FACILITIES		132,227,654	(35,629,898)	96,597,757	-	-	96,597,757
528	East/West 50%	COE	FORT PECK		8,169,802	(5,565,437)	2,604,364			2,604,364
529	West	COE Sub Total	COE WEST FACILITIES		8,169,802	(5,565,437)	2,604,364	-	-	2,604,364.24
530		Grand Total	TOTAL COE FACILITIES		140,397,456	(41,195,335)	99,202,121	-	-	99,202,121.01

531									
532			DISTRIBUTION FACILITIES		96,176,945				1,607,843,822.18

533 1/ Plant balance does not include customer liability for network upgrades. Investment is only brought into plant balance as WAPA incurs expense (e.g. if transmission credits are provided to customer)

534 2/ Plant balance does not include facilities included in Zonal and Regional Calculations, WS5-FacDetail

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
SPP TRUE UP SUMMARY:									
Line No.	Split	Rate	FID	DESCRIPTION	PRIOR YEAR FACILITY				
					TOTALS (\$)			ADJUSTMENT TO	ACTUAL SPP TOTALS (\$)
1	East	BPU-Zonal	LC-RH	LEWIS-RICHLAND 115 kV Ckt 1, 72052	51,813				51,813
2	East	BPU-Zonal	RCO	ROBERTS COUNTY 115 kV SUBSTATION, 71926	2,212,760				2,212,760
3	East	BPU-Zonal	RCO	ROBERTS COUNTY 115/69 kV TRANSFORMER, 71927	5,073,024				5,073,024
4	East	BPU-Zonal	WN	WILLISTON SUBSTATION 115 kV TERMINAL UPGRADES, 61856	403				403
5				Total	7,338,000				7,338,000
6	West	BPU-Zonal		NO PROJECTS TO DATE	0				0
7				Total	0				0
8	East	BPU-Regional	RCO	ROBERTS COUNTY 115 kV SUBSTATION, 71926	1,089,867				1,089,867
9				Total	1,089,867				1,089,867
10	West	BPU-Regional		NO PROJECTS TO DATE	0				0
11				Total	0				0
				DESCRIPTION	PRIOR YEAR FACILITY				
					TOTALS (\$)			ADJUSTMENT TO	ACTUAL SPP TOTALS (\$)
12	East/West	SSCD	WAO	WATERTOWN ALTERNATE OPERATIONS CENTER	7,134,157			0	7,134,157
13	East/West	SSCD	WTO	WATERTOWN OPERATIONS CENTER	1,785,958			(355,271)	1,430,687
14	East/West	SSCD	WTO F	WATERTOWN OPERATIONS CENTER (BFPS)	12,261,116			(1,588,854)	10,672,262
15				Total	21,181,231			(1,944,125)	19,237,105
2023 SPP DETAIL:									
			FID	DESCRIPTION	FID COST DETAIL (\$)	SSCD %	SSCD TOTAL (\$)	TRANS %	TRANS TOTAL (\$)
16			WAO	IDC	299	100%	299	100%	299
17	East/West		WAO	LAND & RIGHTS	9,790	100%	9,790	100%	9,790
18	East/West		WAO	LAND AT KCR	1,539	100%	1,539	100%	1,539
19	East/West		WAO	MICROWAVE TOWER	295,486	100%	295,486	100%	295,486
9	East/West		WAO	INTEREST DURING CONSTRUCTION	57,816	100%	57,816	100%	57,816
10	East/West		WAO	INTEREST DURING CONSTRUCTION	5,246	100%	5,246	100%	5,246
11	East/West		WAO	ANTENNA	17,480	100%	17,480	100%	17,480
12	East/West		WAO	MICROWAVE SYSTEM	122,582	100%	122,582	100%	122,582
13	East/West		WAO	MICROWAVE SYSTEM	12,407	100%	12,407	100%	12,407
14	East/West		WAO	SCADA COMMUNICATION EQUIPMENT	20,217	100%	20,217	100%	20,217
15	East/West		WAO	INTEREST DURING CONSTRUCTION	2,475	100%	2,475	100%	2,475
16	East/West		WAO	PLANT COMM SYSTEM	43,699	100%	43,699	100%	43,699
17	East/West		WAO	LAND & RIGHTS	54,138	100%	54,138	100%	54,138
18	East/West		WAO	BUILDINGS	531,049	100%	531,049	100%	531,049
19	East/West		WAO	BUILDINGS	90,309	100%	90,309	100%	90,309
20	East/West		WAO	OTHER STRUCTURES AND IMPROVEMENTS	54,257	100%	54,257	100%	54,257
21	East/West		WAO	OTHER STRUCTURES AND IMPROVEMENTS	475,746	100%	475,746	100%	475,746
22	East/West		WAO	STATION EQUIPMENT	95,962	100%	95,962	100%	95,962
23	East/West		WAO	SCADA COMMUNICATION EQUIPMENT	12,679	100%	12,679	100%	12,679
24	East/West		WAO	SCADA COMMUNICATION EQUIPMENT	1,022,154	100%	1,022,154	100%	1,022,154
25	East/West		WAO	SCADA COMMUNICATION EQUIPMENT	122,476	100%	122,476	100%	122,476
26	East/West		WAO	MICROWAVE COMMUNICATION EQUIPMENT	733,679	100%	733,679	100%	733,679
27	East/West		WAO	MICROWAVE COMMUNICATION EQUIPMENT	35,292	100%	35,292	100%	35,292
28	East/West		WAO	MICROWAVE COMMUNICATION EQUIPMENT	13,959	100%	13,959	100%	13,959
29	East/West		WAO	MICROWAVE COMMUNICATION EQUIPMENT	69,226	100%	69,226	100%	69,226
30	East/West		WAO	INTEREST DURING CONSTRUCTION	924	100%	924	100%	924
31	East/West		WAO	TELEPHONE COMMUNICATION EQUIPMENT	53,112	100%	53,112	100%	53,112
32	East/West		WAO	FIBER OPTIC EQUIPMENT	184,307	100%	184,307	100%	184,307
33	East/West		WAO	SCADA COMMUNICATION EQUIPMENT	37,201	100%	37,201	100%	37,201
34	East/West		WAO	INTEREST DURING CONSTRUCTION	1,065	100%	1,065	100%	1,065
35	East/West		WAO	FIBER OPTIC EQUIPMENT	28,885	100%	28,885	100%	28,885
36	East/West		WAO	FIBER OPTIC EQUIPMENT	41,066	100%	41,066	100%	41,066
37	East/West		WAO	FIBER OPTIC EQUIPMENT					

38	East/West	WAO	FIBER OPTIC EQUIPMENT	93,750	100%	93,750	100%	93,750
39	East/West	WAO	INTEREST DURING CONSTRUCTION	2,600	100%	2,600	100%	2,600
40	East/West	WAO	BUILDINGS	1,320,913	100%	1,320,913	100%	1,320,913
41	East/West	WAO	INTEREST DURING CONSTRUCTION	445,915	100%	445,915	100%	445,915
42	East/West	WAO	PLANT COMM SYSTEM	40,642	100%	40,642	100%	40,642
43	East/West	WAO	INTEREST DURING CONSTRUCTION	577	100%	577	100%	577
44	East/West	WAO	SCADA COMMUNICATION EQUIPMENT	65,249	100%	65,249	100%	65,249
45	East/West	WAO	INTEREST DURING CONSTRUCTION	2,363	100%	2,363	100%	2,363
46	East/West	WAO	STATION EQUIPMENT	884,803	100%	884,803	100%	884,803
47	East/West	WAO	INTEREST DURING CONSTRUCTION	30,823	100%	30,823	100%	30,823
48			Total	7,134,157		7,134,157		7,134,157
49	East/West	WTO	AIR CONDITIONER	146,013	66.3%	96,807	75.9%	110,824
50	East/West	WTO	INTEREST DURING CONSTRUCTION	10,941	66.3%	7,254	75.9%	8,304
51	East/West	WTO	ROOFING	676,147	66.3%	448,285	75.9%	513,196
52	East/West	WTO	GATE	67,521	66.3%	44,766	75.9%	51,248
53	East/West	WTO	FENCES	573,532	66.3%	380,252	75.9%	435,311
54			Total	1,474,154		977,364		1,118,883
55	East/West	WTO	FIBER OPTICS EQUIPMENT	54,317	100%	54,317	100%	54,317
56	East/West	WTO	INTEREST DURING CONSTRUCTION	20,639	100%	20,639	100%	20,639
57	East/West	WTO	FIBER OPTICS EQUIPMENT	141,934	100%	141,934	100%	141,934
58	East/West	WTO	INTEREST DURING CONSTRUCTION	3,902	100%	3,902	100%	3,902
59	East/West	WTO	SCADA COMMUNICATION EQUIPMENT	61,037	100%	61,037	100%	61,037
60	East/West	WTO	INTEREST DURING CONSTRUCTION	771	100%	771	100%	771
61	East/West	WTO	INTEREST DURING CONSTRUCTION	2,878	100%	2,878	100%	2,878
62	East/West	WTO	REMOTE TERMINAL UNIT	16,161	100%	16,161	100%	16,161
63	East/West	WTO	SCADA COMMUNICATION EQUIPMENT	8,953	100%	8,953	100%	8,953
64	East/West	WTO	INTEREST DURING CONSTRUCTION	1,212	100%	1,212	100%	1,212
65			Total	311,803		311,803		311,803
66	East/West	WTO F	ALCATEL 5620 FIBER TERMINAL EQUIP PART 2 OF 2	134,174	100%	134,174	100%	134,174
67	East/West	WTO F	ADD DROP MULTIPLEXER (PART 2 OF 2)	59,005	100%	59,005	100%	59,005
68	East/West	WTO F	POWER SYSTEM DISPATCH CONSOLES	119,667	100%	119,667	100%	119,667
69	East/West	WTO F	REMOTE TERMINAL UNIT	39,790	100%	39,790	100%	39,790
70	East/West	WTO F	IDC	1,601	100%	1,601	100%	1,601
71	East/West	WTO F	FIBER OPTIC EQUIPMENT	53,165	100%	53,165	100%	53,165
72	East/West	WTO F	FIBER OPTIC EQUIPMENT	307,465	100%	307,465	100%	307,465
73	East/West	WTO F	FIBER OPTIC EQUIPMENT	12,820	100%	12,820	100%	12,820
74	East/West	WTO F	FIBER OPTIC EQUIPMENT	415,983	100%	415,983	100%	415,983
75	East/West	WTO F	IDC	146,435	100%	146,435	100%	146,435
76	East/West	WTO F	IDC	2,533	100%	2,533	100%	2,533
77	East/West	WTO F	TELEPHONE COMMUNICATION EQUIPMENT	31,658	100%	31,658	100%	31,658
78	East/West	WTO F	MICROWAVE COMMUNICATION EQUIPMENT	85,009	100%	85,009	100%	85,009
79	East/West	WTO F	FIBER OPTICS EQUIPMENT	108,685	100%	108,685	100%	108,685
80	East/West	WTO F	FIBER OPTICS EQUIPMENT	1,934	100%	1,934	100%	1,934
81	East/West	WTO F	FIBER OPTICS EQUIPMENT	38,123	100%	38,123	100%	38,123
82	East/West	WTO F	IDC	23,486	100%	23,486	100%	23,486
83	East/West	WTO F	MULTIPLEXER EXPANDED CAPABILITY ASSET 166934 - PROJECT WTO 0025C (PART 2)	25,032	100%	25,032	100%	25,032
84	East/West	WTO F	IDC - ASSET 166934 MULTIPLEXER EXPANSION (PART 2)	514	100%	514	100%	514
85	East/West	WTO F	IDC	18,650	100%	18,650	100%	18,650
86	East/West	WTO F	ADD DROP MULTIPLEXER (PART 1 OF 2)	2,850	100%	2,850	100%	2,850
87	East/West	WTO F	ALCATEL 5620 FIBER TERMINAL EQUIP (PART 1 OF 2)	6,625	100%	6,625	100%	6,625
88	East/West	WTO F	SCADA COMMUNICATION EQUIPMENT	(8,953)	100%	(8,953)	100%	(8,953)
89	East/West	WTO F	IDC	(1,212)	100%	(1,212)	100%	(1,212)
90	East/West	WTO F	MICROWAVE COMMUNICATION EQUIPMENT	226,333	100%	226,333	100%	226,333
91	East/West	WTO F	IDC	13,471	100%	13,471	100%	13,471
92	East/West	WTO F	TELEPHONE SYSTEM - 40 CHANNEL RECORDER & CRASH KIT	70,115	100%	70,115	100%	70,115
93	East/West	WTO F	IDC	1,421	100%	1,421	100%	1,421
94	East/West	WTO F	VOICE RECORDER SYSTEM	61,005	100%	61,005	100%	61,005
95	East/West	WTO F	SCADA SYSTEM HISTORIAN SOFTWARE	202,050	100%	202,050	100%	202,050
96	East/West	WTO F	IDC	6,761	100%	6,761	100%	6,761

97	East/West	WTO F	SCADA	121,027	100%	121,027	100%	121,027
98	East/West	WTO F	IDC	2,484	100%	2,484	100%	2,484
99	East/West	WTO F	AUX PWR SYS - BACKUP GENERATOR	454,504	100%	454,504	100%	454,504
100	East/West	WTO F	IDC	12,877	100%	12,877	100%	12,877
101	East/West	WTO F	(5) DIGITAL VOICE RECORDERS - WTO F	20,217	100%	20,217	100%	20,217
102	East/West	WTO F	IDC	1,979	100%	1,979	100%	1,979
103	East/West	WTO F	BATTERY BANK FOR UPS	36,320	100%	36,320	100%	36,320
104	East/West	WTO F	IDC	631	100%	631	100%	631
105	East/West	WTO F	DIGITAL TRANS & REC EQUIP	23,847	100%	23,847	100%	23,847
106	East/West	WTO F	FREQUENCY CONTROL ADDITIONS	57,731	100%	57,731	100%	57,731
107	East/West	WTO F	TELEPHONE COMMUNICATION EQUIPMENT	144,190	100%	144,190	100%	144,190
108	East/West	WTO F	PLANT COMM SYSTEM	167,020	100%	167,020	100%	167,020
109	East/West	WTO F	IDC	2,373	100%	2,373	100%	2,373
110	East/West	WTO F	ADD DROP MULTIPLEXER	267,249	100%	267,249	100%	267,249
111	East/West	WTO F	IDC	16,354	100%	16,354	100%	16,354
112	East/West	WTO F	SCADA COMMUNICATION EQUIPMENT	24,732	100%	24,732	100%	24,732
113	East/West	WTO F	IDC	312	100%	312	100%	312
114	East/West	WTO F	TELEPHONE SYSTEM	559,892	100%	559,892	100%	559,892
115	East/West	WTO F	IDC	33,280	100%	33,280	100%	33,280
116	East/West	WTO F	SCADA	1,215,754	100%	1,215,754	100%	1,215,754
117	East/West	WTO F	IDC	15,473	100%	15,473	100%	15,473
118	East/West	WTO F	STATION EQUIPMENT	280,379	100%	280,379	100%	280,379
119	East/West	WTO F	INTEREST DURING CONSTRUCTION	3,541	100%	3,541	100%	3,541
120			Total	5,668,360		5,668,360		5,668,360
121	East/West	WTO F	WATERTOWN OPERATIONS BUILDING	636,802	66.3%	422,200	75.9%	483,333
122	East/West	WTO F	RESURFACE PARKING LOT AT WATERTOWN OPS OFFICE	152,204	66.3%	100,911	75.9%	115,523
123	East/West	WTO F	WALLS	276,284	66.3%	183,176	75.9%	209,699
124	East/West	WTO F	IDC	2,835	66.3%	1,880	75.9%	2,152
125	East/West	WTO F	MICROWAVE COMMUNICATION EQUIPMENT	20,893	66.3%	13,852	75.9%	15,858
126	East/West	WTO F	IDC	405,078	66.3%	268,567	75.9%	307,454
127	East/West	WTO F	VEHICLE/STORAGE BUILDING	651,816	66.3%	432,154	75.9%	494,728
128	East/West	WTO F	IDC	39,508	66.3%	26,194	75.9%	29,987
129	East/West	WTO F	SIDEWALKS	153,428	66.3%	101,723	75.9%	116,452
130	East/West	WTO F	IDC	2,052	66.3%	1,360	75.9%	1,557
131	East/West	WTO F	TELEPHONE COMMUNICATION EQUIPMENT	146,115	66.3%	96,874	75.9%	110,901
132	East/West	WTO F	IDC - REPLACEMENTS	1,845	66.3%	1,223	75.9%	1,400
133	East/West	WTO F	IDC - ADDITIONS	3,845	66.3%	2,549	75.9%	2,918
134	East/West	WTO F	PSOO-WATER SYSTEM	219,050	66.3%	145,230	75.9%	166,259
135	East/West	WTO F	IDC	285,734	66.3%	189,442	75.9%	216,872
136	East/West	WTO F	PWR SYS OPERATIONS OFFICE BUILDING (Part 1 of 2)	1,929,776	66.3%	1,279,442	75.9%	1,464,700
137	East/West	WTO F	WATERTOWN OPS BLDG EXPANSION (PSOO)	303,096	66.3%	200,953	75.9%	230,050
138	East/West	WTO F	WATERTOWN OPS BLDG EXPANSION	1,362,395	66.3%	903,268	75.9%	1,034,058
139			Total	6,592,755		4,370,997		5,003,901

Replaced 69kV cap banks. Replaced interlocker switch with new breaker 3452

413	WIS	Wilmington Springs	200 kV breakers 186, 432, 788, 882 and associated switches	1		10 kV switch 363	generator outlet	
414	WIS	Whitney	Station Service	1		40/12.5 kV transformer 476A and switch 253, 257		
415	WIS	Whitney	69 kV switch 121, 351	1		11.5 kV breaker 204 and associated switches	Normal	Rebuilding Switching Device to 431A
416	WMT	White	345 kV breakers 292, 296, 393, 396, 493, 496, 593, 596 and associated switches	1				
417			115 kV breakers 2362, 2362, 2468 and associated switches	1				
418			345/115 kV transformer 476A, switch 2311, 2315	1				
419			station service 476A, 488A switch 123A, 1231, 1231.1	1				
420			reactor 476A, breaker 1224 and associated switches	1				
421			Neutral busbar device	1				
422	WV	Wickliffe	115 kV breakers 162, 262 and associated switches / switch 301	1		11.5 kV intertie 302	protection for non-included transformer (transformer not owned by WAPA)	
423	WV	Wickliffe	115 kV breakers 1362, 1462, 1462, 1562, 1762, 1862 and associated switches	1		24.8 kV breaker 1032 and associated switches	WAPA Bus	
424			115/69 kV transformers 1768, switch 2462, 2469	1	to MDU	40 kV breaker 2332 and associated switches	MDU non-utility bus	
425			80 kV breakers 1312, 1312, 1312, 1412 and associated switches	1	to MDU			
426	WNV	William 2	200 kV breakers 182, 282, 382, 482, 482, 582, 682 and associated switches	1		11.5 kV breaker 2362 and associated switches		
427			115 kV breakers 1242, 1242, 1242, 1462, 1462, 1462, 1462 and associated switches	1				
428			Neutral SVC and SVC breakers 1224 and 1224 and switch 1224 and 1224	1				
429			station service 476B, 476B and associated switches	1				
430	WI	Wilder	225 kV breakers 142, 242, 462, 262 and associated switches / switch 882, 784	1		24.47 kV breaker 2322, 2422, 2422 and associated switches	City of Windsor and Bradford Electric	
431			reactor 476B	1				
432			station 476B	1				
433			station 476B, 476B switch 1182, 1181	1				
434	VAT	White		1		40 Not Included		
435	VAT	White		1		40 Not Included		
436	VAT	White	115 kV breakers 1362, 1462, 1462, 1562 and associated switches / switch 1863, 1865	1		11.5/24.5 kV transformer 476A and switch 1963, 1965	MDU and Normal	
437			station service 476A	1		24.5 kV breakers 2342, 2342, 2342, 2442 and associated switches	MDU and Normal	
438	VO	Wheatcroft	115 kV breakers 182, 282 and associated switches / switch 381 and 382	1		24.5 kV breakers 1222, 1322, 1422 and associated switches	Normal and 3rd Comp	
439			station service 476A, 476B and associated switches	1		24.5 kV breakers 482 and 582 and associated switches	MDU and 3rd Comp	
440				1		11.5/69 kV transformer 476B and 11.5 kV breaker 882	MDU and 3rd Comp	
441				1		11.5/69 kV transformer 476B and 11.5 kV breaker 882	MDU and 3rd Comp	
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811	BON	BON NORTH REPEATER		1			
812	BOW	BOWMAN		1			
813	BR	BRIDGEMAN		1			
814	BRL	BRETON		1			
815	BRV	BRANDVILLE REPEATER		1			
816	BTF	BUFFALO		1			
817	CAN	CANDON		1			
818	CAZ	CAREINGTON REPEATER		1			
819	CHK	CHARTER OAK REPEATER		1			
820	CHC	CHENOCK (BPP)		1			
821	CHS	CHENOCK REPEATER		1			
822	CLM	CLARK NW REPEATER		1			
823	CLV	CLEVELAND REPEATER N.S.		1			
824	CMB	COLUMBIA REPEATER		1			
825	CME	COLUMBIA REPEATER		1			
826	CMB	CONANT BUTTE REPEATER		1			
827	CNN	COTTON		1			
828	CRA	CRESTON REPEATER		1			
829	CLR	CROWN LAKE REPEATER		1			
830	CRT	CROWN BUTTE		1			
831	CBS	CUMBERSTON RADIO RELAY SITE		1			
832	CDB	CUMBERSTON REPEATER		1			
833	CLD	CUSTER (CROOK)		1			
834	DAN	DALTON (WIS)		1			
835	DLC	DEVILS LAKE FIBER REGION		1			
836	DLC	DEVILS LAKE REPEATER		1			
837	DOD	DODSON REPEATER		1			
838	DO	DODSON BUTTE		1			
839	DMS	DREICHL		1			
840	DJ	DUPRES REPEATER		1			
841	DUT	DUTTON REPEATER (BPP)		1			
842	ERS	EAST HAVY BUTTE		1			
843	ECK	ECKHORN		1			
844	EAT	EATON		1			
845	ELZ	ELLENDALE REPEATER		1			
846	EMA	ELLENDALE AIR BASE		1			
847	ENH	ENHANCE		1			
848	ER	ESRA REPEATER		1			
849	FB	F. L. BLAIR		1			
850	FAP	FARADAY REPEATER		1			
851	FAN	FALLON REPEATER		1			
852	FAC	FARGO MICROWAVE		1			
853	PCS	FARGO FALLS COMMUNICATIONS SITE		1			
854	FW	FLOWING WELLS		1			
855	FBS	FORBES COMMUNICATION SITE		1			
856	FTB	FOREST		1			
857	FPI	FORT ROCK RELAY (WIS)		1			
858	FTC	FORT ROCK COMMUNICATIONS BUILDING		1			
859	FPR	FORT ROCK REPEATER		1			
860	FRT	FORT RYDER ROCK HAND		1			
861	FTB	FORT THOMPSON REPEATER		1			
862	FTP	FORT THOMPSON REPEATER (EAST RIVER)		1			
863	FCR	FORT CARRIE MICROWAVE		1			
864	FFV	FRANKLIN SUB & MICROWAVE		1			
865	GA	GARIBSON		1			
866	GAD	GARDEN DAM		1			
867	GNI	GARY REPEATER		1			
868	GP	GAVER'S POINT		1			
869	GPN	GAVER'S POINT REPEATER		1			
870	GCT	GETTINGBERRY REPEATER		1			
871	GH	GLORIA ANN COMM SITE		1			
872	GMM	GRAND TOWNS MINNETONKA (MPC)		1			
873	GWN	GRANITE COMMUNICATIONS SITE		1			
874	HSA	HALLSTAD BUTTE		1			
875	HOV	HALLWAY REPEATER		1			
876	HNT	HANCO REPEATER		1			
877	HTH	HATHAWAY		1			
878	HWM	HENDON MICROWAVE		1			
879	HWM	HIGMORE REPEATER		1			
880	HW	HIGHTOWER		1			
881	HR	HINDALE		1			
882	HRS	HINDALE REPEATER		1			
883	HDE	HOPWELL REPEATER		1			
884	HRT	HUTCHINSON		1			
885	HSD	HURON DISTRICT OFFICE		1			
886	HTS	HYDRA		1			
887	JTB	JAMESTOWN REPEATER		1			
888	CK	JONES CREEK		1			
889	KCK	KELLY CREEK		1			
890	KEL	KELLY REPEATER		1			
891	KNE	KNEE HILL MNR		1			
892	LAC	LAKE CITY PHIL		1			
893	LER	LAKE ANDER REPEATER		1			
894	LF	LAKE		1			
895	LI	LINDSEY RIDGE		1			
896	LCS	LINTON COMMUNICATIONS SITE		1			
897	LMD	LITTLE MISSOURI SUBSTATION		1			
898	MLP	MALE REPEATER		1			
899	MMW	MANGUM MICROWAVE SITE		1			
900	MRS	MARSH REPEATER		1			
901	MRS	MARSH REPEATER		1			
902	MW	MAYFIELD		1			
903	MJR	MEDLAND REPEATER		1			
904	MOR	MORRIS REPEATER		1			
905	MHI	MORRISHEAD		1			
906	MWR	MORRIS REPEATER & MICROWAVE		1			
907	NWC	NEWEAST REPEATER		1			
908	DA	DAHE		1			
909	DK	DANIEL REPEATER		1			
910	DK	DANIEL REPEATER		1			
911	OTO	OTD MICROWAVE		1			
912	OTW	OTTAWA ROAD REPEATER SITE		1			
913	PGE	PAGE S.D.		1			
914	PAN	PANDORA SUB		1			
915	PKK	PEAK		1			
916	PJ	PELUP CC REPEATER		1			
917	PAT	PELCURT MINNETONKA (MPC)		1			
918	PBR	PINE RIDGE		1			
919	PO	POPULAR (MNR)		1			
920	PBR	POPLAR REPEATER		1			
921	PUR	POPLARVILLE REPEATER		1			
922	KCR	RAPID CITY REPEATER		1			
923	RHE	RIHANE		1			
924	RE	RICHMOND COLLEGE		1			
925	RER	RICHMOND COLLEGE REPEATER		1			
926	RHM	RICHMOND MNR REPEATER (BPP)		1			
927	RBR	ROCKY RIDGE REPEATER		1			
928	RSD	ROSLAND		1			
929	RGR	RUGBY REPEATER		1			
930	R	RUTLAND		1			
931	RP	ROUNDUP		1			
932	SAD	SANDY		1			
933	SAN	SARINEL BUTTE		1			
934	SMP	SHERP COLLEGE REPEATER		1			
935	SCD	SIOUX CITY REPEATER		1			
936	SFA	SIOUX FALLS REPEATER		1			
937	SI	SIOUX PASS		1			
938	SNA	SNAKE BUTTE REPEATER		1			
939	SPN	SPRING REPEATER		1			
940	SM	SPRING MOUND		1			
941	STR	STRAUBING		1			
942	SMB	SUMMIT REPEATER		1			
943	TCS	TAPPAN COMMUNICATION SITE		1			
944	TA	TAPPAN REPEATER		1			
945	TEN	TENNANT COMMUNICATIONS SITE		1			
946	TDR	TERRELL REPEATER		1			
947	TTR	TERRELL REPEATER		1			
948	TJ	TERRELL REPEATER		1			
949	TTC	THUR REPEATER		1			
950	VIC	VICTOR (DRC)		1			
951	VIA	VIA		1			
952	WBL	WALL REPEATER		1			
953	WTR	WATERDOWN REPEATER		1			
954	WT	WATKINS		1			
955	WWR	WESTINGTON SPOL REPEATER		1			
956	WTF	WESTFIELD		1			
957	WWR	WHITE SWAN		1			
958	WK	WHEELER		1			
959	WKC	WHITELOCK (BPP)		1			
960	WSP	WILLIAMS REPEATER		1			
961	WDR	WISCONSIN REPEATER		1			
962	YTP	YELLOWTAIL SWITCHING (BPP)		1			
963				1			
964		Miss City Converter Station		1			
965		MISS CITY CONVERTER STATION - BPP		1			
966		MISS CITY CONVERTER STATION - BPP		1			
967				1			
968		Rocky Mountain Region Facilities		1			
969		Rocky Mountain Region Facilities		1			
970		Rocky Mountain Region Facilities		1			
971		Rocky Mountain Region Facilities		1			
972		Rocky Mountain Region Facilities		1			
973		Rocky Mountain Region Facilities		1			
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975		Rocky Mountain Region Facilities		1			
976		Rocky Mountain Region Facilities		1			
977		Rocky Mountain Region Facilities		1			
978		Rocky Mountain Region Facilities		1			
979		Rocky Mountain Region Facilities		1			
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997		Rocky Mountain Region Facilities		1			
998		Rocky Mountain Region Facilities		1			
999		Rocky Mountain Region Facilities		1			
1000		Rocky Mountain Region Facilities		1			

One Line Diagrams showing these individual facilities are available upon request.

The diagrams include CBI material and therefore require execution of a Non-Disclosure Agreement with Western Area Power Administration - Upper Great Plains Region.

Criteria 1. Non-Radiation 60 kV / 36 Ties or More (Digital Customers)

Criteria 2. Interconnect (Data Forwarding Critical)

Criteria 3. Control and Protection

Criteria 4. High State of Transformer

Criteria 5. DC Interconnection

Criteria 6. 7-Tier Ties

* Based upon Attachment A1 of WPP's Tariff and consistent with criteria set forth in the "Zone 19 (Upper Missouri Zone) - Attachment A Guidance Document", dated 06/14/2016, as presented by the Attachment A Workline Group in 2016 (Group 1517, 1778, 1780).

51	MC4	IDC	IDC	38	9,743		9,743	-
52	MC4	INTERRUPTER SWITCH	CIRCUIT INTERRUPTER SWITCHES 7784 & 5984	25	184,897		184,897	-
53	MC4	ROOFING	METAL ROOF COVERING	20	52,004			-
54	MC4	35210.AIR CONDITIONER	(2) AIR COND UNITS	28	57,221			-
55	MC4	IDC	IDC	38	2,242			-
56	MC4	ROOFING	CONTRIB PART OF METAL ROOF COVERING	20	34,670			-
57	MC4	ROOFING	CONTRIBUT PART OF METAL ROOF COVERING	20	(34,670)			(34,670)
58	MC4	AIR CONDITIONER	CONTRIB PART OF (2) AIR COND UNITS	28	38,147			-
59	MC4	AIR CONDITIONER	CONTRIB PART OF (2) AIR COND UNITS	28	(38,147)			(38,147)
60	MC4	IDC	IDC	38	736			-
61	MC4	FAULT RECORDER	DIGITAL FAULT RECORDER	31	35,863			-
62	MC4	FAULT RECORDER	DIGITAL FAULT RECORDER	31	23,908			-
63	MC4	FAULT RECORDER	CA_DIGITAL FAULT RECORDER	31	(23,908)			(23,908)
64	MC4	IDC	IDC	38	1,268			-
65	MC4	SWITCHBOARD	SWITCHBOARDS CHC5F & CHC7F	15	61,533			-
66	MC4	SWITCHBOARD	SWITCHBOARDS CHC5F & CHC7F	15	36,187			-
67	MC4	SWITCHBOARD	CA_SWITCHBOARDS CHC5F & CHC7F	15	(36,187)			(36,187)
68	MC4	INTERRUPTER SWITCH	(2) 230kV INTERRUPTER SWITCHES 5684, 5284	25	111,173			-
69	MC4	INTERRUPTER SWITCH	CA_(2) 230kV INTERRUPTER SWITCHES 5684, 5284	25	(111,173)			(111,173)
70	MC4	INTERRUPTER SWITCH	(2) 230kV INTERRUPTER SWITCHES 5684, 5284	25	166,760		166,760	-
71	MC4	IDC	IDC	38	11,214		11,214	-
72	MC4	INTERRUPTER SWITCH	(2) 230kV INTERRUPTER SWITCHES 7184, 7484	25	136,235		136,235	-
73	MC4	IDC	IDC	38	8,446		8,446	-
74	MC4	IDC	IDC	38	2,950		2,950	-
75	MC4	INTERRUPTER SWITCH	(2) 230kV INTERRUPTER SWITCHES 5784, 7584	25	175,194		175,194	-
76	MC4	INTERRUPTER SWITCH	Contributed (2) 230kV INTERRUPTER SWITCHES	25	116,796			-
77	MC4	INTERRUPTER SWITCH	Contributed_(2) 230kV INTERRUPTER SWITCHES	25	(116,796)			(116,796)
78	MC4	INTERRUPTER SWITCH	Contributed (2) 230kV INTERRUPTER SWITCHES	25	90,824			-
79	MC4	INTERRUPTER SWITCH	Contributed_(2) 230kV INTERRUPTER SWITCHES	25	(90,824)			(90,824)
80	MC4	BATTERY	STATION BATTERY BAT1 AND RACK (PART 1 OF 2)	15	36,597			-
81	MC4	BATTERY CHARGER	(2) STATION BATTERY CHARGERS BCH1, BCH2	20	18,334			-
82	MC4	IDC	IDC	38	2,005			-
83	MC4	BATTERY	STATION BATTERY BAT1 AND RACK (PART 2 OF 2)	15	23,526			-
84	MC4	BATTERY	CA_STATION BATTERY BAT1 AND RACK (PART 2 OF 2)	15	(23,526)			(23,526)
85	MC4	BATTERY CHARGER	(2) STATION BATTERY CHARGERS BCH1, BCH2	20	12,223			-
86	MC4	BATTERY CHARGER	CA_(2) STATION BATTERY CHARGERS BCH1, BCH2	20	(12,223)			(12,223)
87	MC4	TELEPHONE SYS	VOIP Telephone System (Part 1)	10	47,121			-
88	MC4	IDC	IDC	38	3,099			-
89	MC4	TELEPHONE SYS	VOIP Telephone System (Part 2)	10	31,414			-
90	MC4	TELEPHONE SYS	CA_VOIP Telephone System (Part 2)	10	(31,414)			(31,414)
91	MC4	PWR TRANSFORMER	LOAD TAP CHANGER KV64A	40	212,966	212,966		-
92	MC4	IDC	IDC	38	3,903	3,903		-
93	MC4	PWR TRANSFORMER	CONTRIB PART OF TRANSFORMER KV64A	40	141,978			-
94	MC4	PWR TRANSFORMER	CA_LOAD TAP CHANGER KV64A	40	(141,978)			(141,978)
95	MC4	IDC	IDC	38	7,163	7,163		-
96	MC4	INTERRUPTER SWITCH	CIRCUIT SWITCHERS 5484 & 7383 (Part 1 of 2)	25	149,048		149,048	-
97	MC4	INTERRUPTER SWITCH	CONTRIB_CIRCUIT SWITCHERS 5484 & 7383 (Part 1 of 2)	25	99,367			-
98	MC4	INTERRUPTER SWITCH	CA_CIRCUIT SWITCHERS 5484 & 7383 (Part 2 of 2)	25	(99,367)			(99,367)
99	MC4	PWR TRANSFORMER	CA_LOAD TAP CHANGER KV84A	40	(155,895)			(155,895)
100	MC4	PWR TRANSFORMER	LOAD TAP CHANGER KV84A	40	233,842	233,842		-
101	MC4	IDC	IDC	38	2,953	2,953		-
102	MC4	PWR TRANSFORMER	CONTRIBUTED_LTC KV84A	40	155,895			-
103	MC4	INTERRUPTER SWITCH	CA_230kV CIRCUIT SWITCHERS 5384 & 7284	25	108,915			-
104	MC4	INTERRUPTER SWITCH	CA_230 kV CIRCUIT SWITCHERS 3584 & 7284	25	(108,915)			(108,915)
105	MC4	IDC	IDC	38	2,063		2,063	-
106	MC4	INTERRUPTER SWITCH	230kV CIRCUIT SWITCHERS 5384 & 7284	25	163,372		163,372	-
107	MC4	WATER SUPPLY	FIRE PROTECTION SYSTEM (PART 1 OF 3)	28	245,701			-
108	MC4	IDC	IDC	38	6,506			-
109	MC4	OIL STORAGE TANK	OIL CONTAINMENT SYSTEM (PART 1 OF 3)	28	415,590			-
110	MC4	IDC	IDC	38	18,109			-
111	MC4	INTERRUPTER SWITCH	230kV CIRCUIT SWITCHER 5884 (PART 1 OF 3)	25	83,713		83,713	-
112	MC4	INTERRUPTER SWITCH	230kV CIRCUIT SWITCHER 7684 (PART 1 OF 3)	25	83,713		83,713	-

113	MC4	IDC	IDC	38	2,115		2,115	-	
114	MC4	WATER SUPPLY	CONTRIBUTED PART OF FIRE PROTECTION SYS	28	163,800			-	
115	MC4	WATER SUPPLY	CA_CONTRIBUTED PART OF FIRE PROTECTION	28	(163,800)			(163,800)	
116	MC4	OIL STORAGE TANK	CONTRIBUTED PART OF OIL CONTAINMENT SY	28	277,060			-	
117	MC4	OIL STORAGE TANK	CA_CONTRIBUTED PART OF OIL CONTAINMEN	28	(277,060)			(277,060)	
118	MC4	INTERRUPTER SWITCH	CONTRIBUTED PART OF 230KV CIRCUIT SWITC	25	55,808			-	
119	MC4	INTERRUPTER SWITCH	CA_CONTRIBUTED PART OF 230kv CIRCUIT SV	25	(55,808)			(55,808)	
120	MC4	INTERRUPTER SWITCH	CONTRIBUTED PART OF 230kv CIRCUIT SWITC	25	55,808			-	
121	MC4	INTERRUPTER SWITCH	CA_CONTRIBUTED PART OF 230kv CIRCUIT SV	25	(55,808)			(55,808)	
122	MC4	PLANT COMMUN SYS	Security Equip Critical(card reader) - Miles City	10	32,883			-	
123	MC4	IDC	IDC	38	728			-	
124	MC4	PLANT COMMUN SYS	Security Equip Critical(card reader) - Miles City	10	21,922			-	
125	MC4	PLANT COMMUN SYS	CA_Security Equip Critical(card reader) - Miles	10	(21,922)			(21,922)	
126	MC4	AUX PWR SYS	CA_(2) 20kVA SINGLE PHASE OUTPUT PARALLI	35	(60,050)			(60,050)	
127	MC4	AUX PWR SYS	(2) 20KVA SINGLE PHASE OUTPUT PARALLEL R	35	93,331			-	
128	MC4	IDC	IDC	38	1,179			-	
129	MC4	AUX PWR SYS	(2) 20kVA SINGLE PHASE OUTPUT PARALLEL RI	35	60,050			-	
130	MC4	COOLING FAN	CA_CLOSED CIRCUIT COOLING TOWERS	31	133,129			-	
131	MC4	COOLING FAN	CA_CLOSED CIRCUIT COOLING TOWERS	31	(133,129)			(133,129)	
132	MC4	COOLING FAN	CLOSED CIRCUIT COOLING TOWERS	31	199,694	199,694		-	
133	MC4	IDC	IDC FOR COOLING FAN	38	6,612	6,612		-	
134	MC4	MICROWAVE SYS	Aviat IP Microwave Radio	10	64,812			-	
135	MC4	IDC	IDC	38	817			-	
136	MC4	ADD DROP MULTIPLEXER	(2) Nokia 7705 Multiplexers	10	58,667			-	
137	MC4	IDC	IDC	38	2,029			-	
138	MC4	IDC	IDC	38	1,138,051			-	
139	MC4	LAND & RIGHTS	LAND & RIGHTS	1	100,653			-	
140	MC4	CONDUCTOR	CONDUCTOR	45	19,589			-	
141	MC4	IDC	IDC	38	1,438			-	
142	MC4	RELAY	RELAY	31	21,828			-	
143	MC4	STORAGE BUILDING	STORAGE BUILDING	50	1,177,070			-	
144	MC4	CARRIER CRNT COM EQ	CARRIER CRNT COM EQ	15	50,800			-	
145	MC4	IDC	IDC	38	22,848			-	
146	MC4	STEEL STRUCTURE	STEEL STRUCTURE	50	178,309			-	
147	MC4	ROAD	ROAD	50	5,064			-	
148	MC4	EX GRADE CLEARING	EX-GRADE-CLEARING	28	2,278,687			-	
149	MC4	CAPACITOR 6/	CAPACITOR	25	14,685,517		5,545,154	-	
150	MC4	VOLT REG TRSF	VOLT REG TRSF	40	9,426			-	
151	MC4	IDC	IDC	38	334			-	
152	MC4	IDC	IDC	38	11,462			-	
153	MC4	DISCONNECT SWITCH	DISCONNECT SWITCH	35	79,396			-	
154	MC4	CONDUCTOR	CONDUCTOR-contrib part	45	48,090			-	
155	MC4	LAND & RIGHTS	LAND & RIGHTS	1	67,102			-	
156	MC4	STORAGE BUILDING	STORAGE BUILDING	50	784,713			-	
157	MC4	EX GRADE CLEARING	EX-GRADE-CLEARING	28	1,524,607			-	
158	MC4	CAPACITOR	CAPACITOR	25	8,362,222			-	
159	MC4	CARRIER CRNT COM EQ	CARRIER CRNT COM EQ	15	33,867			-	
160	MC4	CONDUCTOR	CA_CONDUCTOR-contrib part	45	(48,090)			(48,090)	
161	MC4	LAND AND RIGHTS	CA_LAND AND RIGHTS	1	(67,102)			(67,102)	
162	MC4	STORAGE BUILDING	CA_STORAGE BUILDING	50	(784,713)			(784,713)	
163	MC4	CA EX GRADE CLEARING	CA_EX_GRADE_CLEARING	28	(1,524,607)			(1,524,607)	
164	MC4	CAPACITOR	CA_CAPACITOR	25	(8,362,222)			(8,362,222)	
165	MC4	CARRIER CRNT COM	CA_CARRIER CRNT COM	15	(33,867)			(33,867)	
166	MC4	LANDSCAPE	LANDSCAPE-MC4	28	47,647			-	
167	MC4	PWR TRANSFORMER	STATION EQ MC4	40	49,757			-	
168	MC4	IDC	IDC-MC4	38	12,874			-	
169		Total			23,723,379	834,748	224,033	6,724,616	(13,249,475)

4/ From Accumulated Depreciation report for Miles City DC Tie

5/ Not included in WAPA-UGP IMEU Share, May be included in IMEU Share of other DC Tie Owner

6/ Capacitors are allocated between Switchable Reactive (in IMEU) and Filters (Not in IMEU), based upon Mvar (91 Mvars Shunts, 150 Mvars Filters)