

BP-18 Rate Proceeding

BP-18-FS-BPA-08-E01

Errata Corrections to Transmission Rates Study and Documentation, BP-18-FS-BPA-08

1. Correction of Table 10.3, Summary of Current and Proposed Generation Inputs Rates

Delete: Table 10.3.

Replace it with: Attached Table 10.3 (dated 08/07/2017).

2. Addition of Table 10.3.1, Generation Inputs Settlement Attachment 3 – Inter-Business Line Allocations

Insert after Table 10.3: Attached Table 10.3.1 (dated 08/07/2017).

3. Addition of Table 10.3.2, Generation Inputs Adjusted Settlement Rates

Insert after Table 10.3.1: Attached Table 10.3.2 (dated 08/07/2017).

4. Correction of Table 12, Revenue at FY 2016-2017 and FY 2018-2019 Rates

Delete: Table 12.

Replace it with: Attached Table 12 (dated 08/07/2017).

Table 10.3 - Summary of Current and Proposed Generation Inputs Rates

	(A)	(B)	(C) FY 2016-2017	(D) FY 2018-2019	(E) Percent Change
Rate		Units	Rates	Rates	
1	RFR-18				
2	Regulation and Frequency Response	mills/kWh	0.12	0.13	8.3%
3	VERBS-18				
4	Rate For Wind Committed to 30/60 Scheduling:				
5	Regulation	\$/kW-mo	0.08		
6	Following	\$/kW-mo	0.32		
7	Imbalance	\$/kW-mo	0.80		
8	Total VERBS 30/60	\$/kW-mo	1.20	1.01	-15.8%
9	Rate For Wind Committed to 40/15 Scheduling:				
10	Regulation	\$/kW-mo	0.08		
11	Following	\$/kW-mo	0.32		
12	Imbalance	\$/kW-mo	0.54		
13	Total VERBS 40/15	\$/kW-mo	0.94	N/A	
14	Rate For Wind Committed to 30/30 Scheduling:				
15	Regulation	\$/kW-mo	0.08		
16	Following	\$/kW-mo	0.32		
17	Imbalance	\$/kW-mo	0.47		
18	Total VERBS 30/30	\$/kW-mo	0.87	N/A	
19	Rate For Wind Committed to 30/15 Scheduling:				
20	Regulation	\$/kW-mo	0.08		
21	Following	\$/kW-mo	0.32		
22	Imbalance	\$/kW-mo	0.33		
23	Total VERBS 30/15	\$/kW-mo	0.73	0.71	-2.7%
24	Rate For Wind Committed to Self-Supply (CSGI):				
25	Total VERBS CSGI	\$/kW-mo	0.40	0.49	22.5%
26	Rate For Wind With Uncommitted Scheduling:				
27	Regulation	\$/kW-mo	0.08		
28	Following	\$/kW-mo	0.32		
29	Imbalance	\$/kW-mo	1.08		
30	Total VERBS Uncommitted	\$/kW-mo	1.48	1.22	-17.6%
31	Rate For Solar:				
32	Regulation	\$/kW-mo	0.04		
33	Following	\$/kW-mo	0.17		
34	Imbalance	\$/kW-mo	0.00		
35	Total VERBS Solar Hourly	\$/kW-mo	0.21	0.28	33.3%
36	Total VERBS Solar 15-minute	\$/kW-mo		0.21	
37	DERBS-18				
38	Hourly rate <i>inc</i>	mills/kW-mo	18.15	20.42	12.5%
39	Hourly rate <i>dec</i>	mills/kW-mo	3.94	3.43	-12.9%
40	OR-18				
41	Spinning reserves	mills/kWh	11.40	11.98	5.1%
42	Default rate	mills/kWh	13.11	13.78	5.1%
43	Supplemental reserves	mills/kWh	10.45	9.92	-5.1%
44	Default rate	mills/kWh	12.02	11.41	-5.1%

Table 10.3.1 - Generation Inputs Settlement Attachment 3 - Inter-Business Line Allocations

	A	B	C	
	Generation Inputs	Annual Average for FY 2018-2019 Forecast Quantity (MW)	Annual Average for FY 2018-2019 Revenue Forecast	Rates
1	Regulating Reserve	64	\$ 7,102,535	\$0.13
2	Balancing Reserve Capacity for VERBS wind, VERBS solar and DERBS	377	\$ 41,980,658	
3	Operating Reserve - Spinning	227.2	\$ 23,519,642	\$11.82
4	Operating Reserve - Supplemental	227.2	\$ 19,420,618	\$9.76
5	Operating Reserve Total	454.4	\$ 42,940,260	
6	Synchronous Condensing		\$ 1,272,635	
7	Generation Dropping		\$ 589,232	
8	Redispatch		\$ 225,000	
9	Segmentation of COE/Reclamation Network and Delivery Facilities		\$ 8,867,000	Misc
10	Station Service		\$ 1,996,009	
11	Generation Inputs Total		\$ 104,973,328	

DERBS INC	\$20.42
DERBS DEC	\$3.43
Wind 30/15	\$0.71
Wind 30/60	\$1.01
Wind Uncommitted	\$1.22
Wind CSGI	\$0.49
Solar 15 Minutes	\$0.21
Solar Hourly	\$0.28
OR Spin Default	\$13.59
OR Supp Default	\$11.22

Table 10.3.2 - Generation Inputs Adjusted Settlement Rates
(See Fredrickson & Fisher, BP-18-E-BPA-18, Attachment 1, section 5d)

	A	B	C	D	E	F	G
1	Generation Input	Annual Average for FY 2018-2019 Forecast Quantity (MW)	% Share	Allocated Costs	Rate Adder (mills/kWh)	Attachement 3 Rate (mills/kWh)	Rate (mills/kWh)
2	Regulating Reserve	5775.20	0.38%	\$ 76,000	\$ -	\$ 0.13	\$ 0.13
3	Operating Reserve - Spin	227.20	1.55%	\$ 310,000	\$ 0.16	\$ 11.82	\$ 11.98
4	Operating Reserve - Supplemental	227.20	1.55%	\$ 310,000	\$ 0.16	\$ 9.76	\$ 9.92

Table 12
Revenue at FY 2016-2017 and FY 2018-2019 Rates

(A) Service	(B) Current FY 2016-2017 Rates		(C)	(E) Proposed FY 2018-2019 Rates		(G)	(H)
	FY 2018	FY 2019	(D) Average FYs 18&19	FY 2018	FY 2019	Average FYs 18&19	Percent Change
	1 Network Sales Revenues						
2 FPT 1	17,431	16,875	17,153	17,636	16,728	17,182	0.2%
3 FPT 3	1,217	1,242	1,229	1,211	1,211	1,211	-1.5%
4 IR	5,238	-	2,619	5,246	-	2,623	0.2%
5 BP-18 Transmission Ratio from table 6	82.0%						
6 BP-16 Transmission Ratio from table 6	83.2%						
7 FPT 1&3 Transmission Portion	15,512	15,071	15,291	15,476	14,731	15,103	-1.2%
8 IR Transmission Portion	4,357	-	2,178	4,304	-	2,152	-1.2%
9 NT_Base	132,218	134,091	133,154	131,608	133,472	132,540	-0.5%
10 NT Ancillary Revenues	27,186	27,564	27,375	29,205	29,611	29,408	7.4%
11 Subtotal NT Sale Revenues	159,404	161,654	160,529	160,814	163,083	161,948	0.9%
12 PTP, Long-term	457,548	468,607	463,078	452,017	462,942	457,480	-1.2%
13 PTP LT Ancillary Revenues	93,168	95,404	94,286	99,668	102,060	100,864	7.0%
14 PTP, Short-term	31,801	31,272	31,536	31,411	30,888	31,149	-1.2%
15 PTP ST Ancillary Revenues	6,490	6,382	6,436	7,010	6,893	6,951	8.0%
16 Subtotal PTP Sale Revenues	589,007	601,665	595,336	590,106	602,783	596,444	0.2%
17 Subtotal Network Transmission Revenues	641,435	649,040	645,238	634,816	642,033	638,425	-1.1%
18 Percent of total			83.1%			81.9%	
19 Subtotal Network Ancillary Revenues	130,860	132,396	131,628	140,196	141,772	140,984	7.1%
20 Percent of total			16.9%			18.1%	
21 Total Network Sale Revenues	772,295	781,436	776,866	775,012	783,805	779,409	0.3%
22 Intertie Sale Revenues							
23 IM, Long-term	115	115	115	98	98	98	-14.9%
24 IM LT Ancillary Revenues	58	58	58	62	62	62	7.0%
25 IS, Long-term	88,663	88,590	88,626	74,823	74,761	74,792	-15.6%
26 IS LT Ancillary Revenues	21,697	21,679	21,688	23,211	23,192	23,201	7.0%
27 IS, Short-term	2,575	2,404	2,489	6,599	6,136	6,367	155.8%
28 IS ST Ancillary Revenues	635	593	614	679	634	657	7.0%
29 Subtotal IS Sale Revenues	113,571	113,265	113,418	105,313	104,723	105,018	-7.4%
30 Subtotal Intertie Transmission Revenues	91,353	91,108	91,231	81,520	80,994	81,257	-10.9%
31 Subtotal Intertie Ancillary Revenues	22,390	22,330	22,360	23,952	23,888	23,920	7.0%
32 Total Intertie Sale Revenues	113,743	113,438	113,591	105,472	104,882	105,177	-7.4%

Table 12
Revenue at FY 2016-2017 and FY 2018-2019 Rates

(A) Service	(B)	(C)	(D)	(E)	(F)	(G)	(H)
	Current		Average FYs 18&19	Proposed		Average FYs 18&19	Percent Change
	FY 2016-2017 Rates			FY 2018-2019 Rates			
	FY 2018	FY 2019		FY 2018	FY 2019		
33 Ancillary Revenues							
34 Long-term Scheduling, Control and Dispatch	114,923	117,141	116,032	122,941	125,313	124,127	7.0%
35 Short-term Scheduling, Control and Dispatch	7,125	6,975	7,050	7,689	7,528	7,608	7.9%
36 NT Scheduling, Control and Dispatch	27,186	27,564	27,375	29,205	29,611	29,408	7.4%
37 Subtotal SCD Rate	149,234	151,679	150,457	159,835	162,452	161,144	7.1%
38 FPT & IR SCD	4,016	3,047	3,531	4,327	3,222	3,774	6.9%
39 Total SCD Revenue	153,250	154,726	153,988	164,162	165,674	164,918	7.1%
40 Regulation and Frequency Response	6,167	6,167	6,167	7,103	7,103	7,103	15.2%
41 Balancing Reseves (VERBS Wind, VERBS Solar, DERBS)	55,596	55,596	55,596	41,981	41,981	41,981	-24.5%
42 VERBS	54,379	54,379	54,379	40,673	40,673	40,673	-25.2%
43 DERBS	1,217	1,217	1,217	1,308	1,308	1,308	7.5%
44 Operating Reserves - Spinning	22,682	22,682	22,682	23,520	23,520	23,520	3.7%
45 Operating Reserves - Supplemental	20,791	20,791	20,791	19,421	19,421	19,421	-6.6%
46 Energy Imbalance	-	-	-	-	-	-	N/A
47 Generation Imbalance	-	-	-	-	-	-	N/A
48 Total Ancillary Revenues	258,486	259,962	259,224	256,186	257,697	256,942	-0.9%
49 Subtotal less SCD	105,236	105,236	105,236	92,023	92,023	92,023	-12.6%
50 Delivery							
51 Utility Delivery	2,560	2,575	2,567	2,556	2,571	2,563	-0.2%
52 WECC							
53 WECC Rate	2,551	2,589	2,570	2,551	2,589	2,570	0.0%
54 Peak							
55 Peak Rate	2,551	2,589	2,570	2,551	2,589	2,570	0.0%
56 General Transmission Rates Subtotal	998,936	1,007,862	1,003,399	980,165	988,459	984,312	-1.9%
57 Subtotal less Generation Input Ancillaries	893,700	902,626	898,163	888,142	896,436	892,289	-0.7%

Table 12
Revenue at FY 2016-2017 and FY 2018-2019 Rates

(A) Service	(B) Current FY 2016-2017 Rates		(C)	(E) Proposed FY 2018-2019 Rates		(G)	(H)
	FY 2018	FY 2019	(D) Average FYs 18&19	FY 2018	FY 2019	Average FYs 18&19	Percent Change
58 Other Revenues							
59 IS Reservation Fee	-	-	-	-	-	-	
60 UFT Fixed Dollar Amount	4,841	4,682	4,762	4,841	4,682	4,762	0.0%
61 UFT Variable Service Amt	242	242	242	242	242	242	0.0%
62 O&M Non-Federal Facility	416	416	416	416	416	416	0.0%
63 O&M Federal Facility	303	303	303	303	303	303	0.0%
64 PTP Reservation Fee	1,861	1,340	1,601	1,861	1,340	1,601	0.0%
65 CF Reservation Fee	-	-	-	-	-	-	
66 Failure to Comply Penalty	-	-	-	-	-	-	
67 SINT AC Non Federal O&M	1,905	1,905	1,905	1,905	1,905	1,905	0.0%
68 SINT AC Non Fed Replacements	-	-	-	-	-	-	N/A
69 TOP Service Charge	1,100	1,100	1,100	1,100	1,100	1,100	0.0%
70 DSI Delivery Charge	1,915	1,915	1,915	1,915	1,915	1,915	0.0%
71 PCS Wireless Leases	5,022	5,042	5,032	5,022	5,042	5,032	0.0%
72 PCS Construction	3,720	3,720	3,720	3,720	3,720	3,720	0.0%
73 PCS Operations & Maintenance	312	312	312	312	312	312	0.0%
74 Fiber Leases	7,733	7,379	7,556	7,733	7,379	7,556	0.0%
75 Fiber Operations & Maintenance	1,550	1,550	1,550	1,550	1,550	1,550	0.0%
76 Land Use/Lease/Sale	216	216	216	216	216	216	0.0%
77 Misc Leases	105	105	105	105	105	105	0.0%
78 Right-Of-Way Lease	79	79	79	79	79	79	0.0%
79 COE/BOR Project Revenue	-	-	-	-	-	-	N/A
80 3rd AC RAS Generation Dropping	27	27	27	27	27	27	0.0%
81 AC RAS Load Tripping	-	-	-	-	-	-	0.0%
82 Transmission Share of IPP	246	246	246	246	246	246	0.0%
83 Use of Communication Equipmt	179	177	178	179	177	178	0.0%
84 FPS Real Power Losses	-	-	-	-	-	-	
85 Amort NonFed PNW AC Intertie	3,409	3,409	3,409	3,409	3,409	3,409	0.0%
86 Transmission Processing Fee	43	43	43	43	43	43	0.0%
87 Generation Integration BBL	12,488	12,642	12,565	12,488	12,642	12,565	0.0%
88 TGT Revenues	12,414	12,414	12,414	12,414	12,414	12,414	0.0%
89 Other Revenues Subtotal	60,126	59,264	59,695	60,126	59,264	59,695	0.0%
90 Total Revenue	1,059,062	1,067,126	1,063,094	1,040,291	1,047,723	1,044,007	-1.8%