

**BP-22 BPA Rate Proceeding**

**BP-22-FS-BPA-01A-E01**

**Erratum Corrections to Power Rates Study Documentation, BP-22-FS-BPA-01A**

1. **Page 27, Table 2.1.3:** Corrections in the attached table are shown in blue font.

Delete: Table 2.1.3

Replace with: Table 2.1.3, attached

2. **Page 66, Table 2.4.10:** Corrections in the attached table are shown in blue font.

Delete: Table 2.4.10

Replace with: Table 2.4.10, attached

3. **Page 67, Table 2.4.11:** Corrections in the attached table are shown in blue font.

Delete: Table 2.4.11

Replace with: Table 2.4.11, attached

4. **Page 143, Table 8.2:** Corrections in the attached table are shown in blue font. In addition to the PGE load error correction, this erratum also corrects the misplacement of values on a monthly basis for all other utilities. The total annual exchange loads for individual utilities (except PGE) did not change.

Delete: Table 8.2

Replace with: Table 8.2, attached

**Table 2.1.3:**

Rate Data Input  
Exchange ASCs, Loads, and Gross Costs  
Test Period October 2021 – September 2023

REV 8/26/2021

	B	D	E
7	<b>Exchange ASCs (\$/MWh)</b>	<b>2022</b>	<b>2023</b>
8			
9	Avista Corporation	\$ 62.93	\$ 62.93
10	Idaho Power Company	\$ 58.17	\$ 58.17
11	NorthWestern Energy, LLC	\$ 68.34	\$ 68.34
12	PacifiCorp	\$ 77.61	\$ 77.61
13	Portland General Electric Company	\$ 70.09	\$ 70.09
14	Puget Sound Energy, Inc.	\$ 67.28	\$ 67.28
15	Clark Public Utilities	\$ -	\$ -
17	Snohomish PUD	\$ 55.83	\$ 55.83
18			
19	<b>Exchange Loads (GWh)</b>	<b>2022</b>	<b>2023</b>
20			
21	Avista Corporation	3,971	3,971
22	Idaho Power Company	6,857	6,857
23	NorthWestern Energy, LLC	714	714
24	PacifiCorp	9,147	9,147
25	Portland General Electric Company	8,413	8,413
26	Puget Sound Energy, Inc.	11,952	11,952
27	Clark Public Utilities	0	0
29	Snohomish PUD	3,715	3,731
30		44,770	44,786
31			
32	<b>Exchange Resource Cost (\$000)</b>	<b>2022</b>	<b>2023</b>
33			
34	Avista Corporation	\$ 249,924	\$ 249,924
35	Idaho Power Company	\$ 398,876	\$ 398,876
36	NorthWestern Energy, LLC	\$ 48,803	\$ 48,803
37	PacifiCorp	\$ 709,911	\$ 709,911
38	Portland General Electric Company	\$ 589,652	\$ 589,652
39	Puget Sound Energy, Inc.	\$ 804,160	\$ 804,160
40	Clark Public Utilities	\$ -	\$ -
42	Snohomish PUD	\$ 207,384	\$ 208,278
43		\$ 3,008,711	\$ 3,009,604

**Table 2.4.10:**

Rate Directive Step  
 Calculation of REP Base Exchange Benefits  
 Test Period October 2019 - September 2021

**REV 8/26/2021**

	B	C	D	E	F	G	H	I	J	K	L
5	IOU Base Pfx	49.54									
6	COU Base Pfx	49.72		ASCs			Exchange Loads			Unconstrained Benefits	
7										(load * (ASC - Base Pfx))	
8				2022	2023		2022	2023		2022	2023
9											
10											
11	Avista Corporation	1		62.93	62.93		3,971	3,971		\$ 53,168	\$ 53,168
12	Idaho Power Company	1		58.17	58.17		6,857	6,857		\$ 59,159	\$ 59,159
13	NorthWestern Energy,	1		68.34	68.34		714	714		\$ 13,424	\$ 13,424
14	PacifiCorp	1		77.61	77.61		9,147	9,147		\$ 256,738	\$ 256,738
15	Portland General Elect	1		70.09	70.09		8,413	8,413		\$ 172,862	\$ 172,862
16	Puget Sound Energy, I	1		67.28	67.28		11,952	11,952		\$ 212,006	\$ 212,006
17	Clark Public Utilities	0		42.14	42.14		0	0		\$ -	\$ -
18	Franklin	0		0.00	0.00		0	0		\$ -	\$ -
19	Snohomish PUD	1		55.83	55.83		3,715	3,731		\$ 22,706	\$ 22,803
31	Total									\$ 790,061	\$ 790,159
32											
33									IOU	\$ 767,356	\$ 767,356

**Table 2.4.11:**  
 Rate Directive Step  
 Calculation of Utility Specific PF Exchange Rates and REP Benefits  
 Test Period October 2019 - September 2021

**REV 8/26/2021**

	B	D	E	F	G	H	I	J	K	L	M	N	O	P
4	<b>Initial Allocations</b>													
5			Base	FY 2022	FY 2023	Average	Unconstrained	Scheduled	Refund	Interim	Refund	Interim	Interim	Interim
6	ASC	PFx	Exchange	Exchange	Exchange	Benefits	Amount	Amount	Protection	Cost	7(b)(3)	Utility	Interim	Interim
7	a	b	Load	Load	Load	f=(a-b)*e	g=contract	h=contract	Allocation	Allocation	Surcharge	PFx	REP	REP
8			c	d	e=avg(c,d)				$\Sigma i = \Sigma f - \Sigma h$	$\Sigma j = h$	$k = (i+j)/e$	$l = b+k$	$m = (a-l)*e$	
8	Avista Corporation	62.93	49.54	3,971	3,971	3,971	\$ 53,168		\$ 35,222	\$ -	8.87	58.41	\$ 17,945	
9	Idaho Power Company	58.17	49.54	6,857	6,857	6,857	\$ 59,159		\$ 39,192	\$ -	5.72	55.26	\$ 19,968	
10	NorthWestern Energy, LLC	68.34	49.54	714	714	714	\$ 13,424		\$ 8,893	\$ -	12.45	62.00	\$ 4,531	
11	PacifiCorp	77.61	49.54	9,147	9,147	9,147	\$ 256,738		\$ 170,083	\$ -	18.59	68.14	\$ 86,655	
12	Portland General Electric Company	70.09	49.54	8,413	8,413	8,413	\$ 172,862		\$ 114,517	\$ -	13.61	63.15	\$ 58,345	
13	Puget Sound Energy, Inc.	67.28	49.54	11,952	11,952	11,952	\$ 212,006		\$ 140,449	\$ -	11.75	61.29	\$ 71,557	
14	Clark Public Utilities	0	0.00	0	0	0	\$ -		\$ -	\$ -	0.00	0.00	\$ -	
15	Franklin	0	0.00	0	0	0	\$ -		\$ -	\$ -	0.00	0.00	\$ -	
16	Snohomish PUD	55.83	49.72	3,715	3,731	3,723	\$ 22,755		\$ 15,074	\$ -	4.05	53.77	\$ 7,680	
17	<b>Total</b>			44,770	44,786	44,778	\$ 790,110	\$259,000	\$0	\$ 523,430	\$0		\$ 266,680	
18														
19	rounding to	places =	-\$948				IOU $\Sigma(g)$	\$ 767,356	\$259,000	\$259,000	\$ 508,356	IOU $\Sigma(j)$	IOU REP	\$ 259,000
20							COU $\Sigma(g)$	\$ 22,755		\$7,680	\$ 15,074	COU $\Sigma(j)$	COU REP	\$ 7,680
21														
22	<b>IOU Reallocations</b>													
23		Interim	Annual	Reallocation	Reallocated	Final	Final	Final		Final		FY 2022	FY 2023	
24		REP	Adjustment	Adjustment	Benefits	Protection	7(b)(3)	Utility		REP		REP	REP	
25		Benefits				Allocation	Surcharge	PFx		Benefits		Benefits	Benefits	
26		n=m	o=contract	p=below	q=u-o+p	r=f-q	s=r/e	t=b+s		u=(a-l)*e		v=(a-t)*c	w=(a-t)*d	
27	Avista Corporation	\$ 17,945	\$ 2,005	\$ -	\$ 15,941	\$ 37,227	9.37	58.92000		\$ 15,926		Avista	\$ 15,926	\$ 15,926
28	Idaho Power Company	\$ 19,968	\$ -	\$ -	\$ 19,968	\$ 39,192	5.72	55.26000		\$ 19,954		Idaho Power	\$ 19,954	\$ 19,954
29	NorthWestern Energy, LLC	\$ 4,531	\$ -	\$ 68	\$ 4,598	\$ 8,825	12.36	61.90000		\$ 4,599		NorthWestern	\$ 4,599	\$ 4,599
30	PacifiCorp	\$ 86,655	\$ -	\$ -	\$ 86,655	\$ 170,083	18.59	68.14000		\$ 86,624		PacifiCorp	\$ 86,624	\$ 86,624
31	Portland General Electric Company	\$ 58,345	\$ -	\$ 870	\$ 59,215	\$ 113,647	13.51	63.05000		\$ 59,226		Portland	\$ 59,226	\$ 59,226
32	Puget Sound Energy, Inc.	\$ 71,557	\$ -	\$ 1,067	\$ 72,624	\$ 139,382	11.66	61.20000		\$ 72,671		Puget Sound	\$ 72,671	\$ 72,671
33	<b>Total</b>	\$ 259,000	\$ 2,005	\$ 2,005	\$ 259,000	\$ 508,356				\$ 258,999		IOU REP	\$ 258,999	\$ 258,999
34														
35												Clark	\$ -	\$ -
36												Franklin	\$ -	\$ -
37	<b>IOU Reallocation Adjustments</b>											Snohomish	\$ 7,664	\$ 7,697
38		Avista	Idaho	NorthWestern	PacifiCorp	Portland	Puget Sound	Total				COU REP	\$ 7,664	\$ 7,697
39		\$ 2,005	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -				Total REP	\$ 266,663	\$ 266,696
40		$p1 = o1 * (f/\Sigma f)$	$p2 = o2 * (f/\Sigma f)$	$p3 = o3 * (f/\Sigma f)$	$p4 = o4 * (f/\Sigma f)$	$p5 = o5 * (f/\Sigma f)$	$p6 = o6 * (f/\Sigma f)$	$p = \Sigma(p1...p6)$				Refund Amt	\$ -	\$ -
41	Avista Corporation		\$ -	\$ -				\$ -				REP Cost	\$ 266,663	\$ 266,696
42	Idaho Power Company		\$ -	\$ -				\$ -						
43	NorthWestern Energy, LLC	\$ 68	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 68						
44	PacifiCorp	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
45	Portland General Electric Company	\$ 870	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 870						
46	Puget Sound Energy, Inc.	\$ 1,067	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,067						
47	<b>Total</b>	\$ 2,005	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,005						

Erratum Corrections  
 BP-22-FS-BPA-01A-E01

**Table 8.2:**

IOUs FY 2022 - 2023 Residential Loads  
(MWh)

**REV 8/26/2021**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	
1		<b>Oct-21</b>	<b>Nov-21</b>	<b>Dec-21</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>FY 2022</b>
2	Avista	260,373	326,963	426,399	430,208	396,229	422,302	321,131	260,985	251,591	272,463	311,984	290,831	<b>3,971,458</b>
3	Idaho Power	474,145	477,209	585,231	619,849	581,817	542,521	458,192	488,575	530,993	654,648	767,198	676,694	<b>6,857,072</b>
4	NorthWestern	48,500	58,449	69,349	75,258	68,548	70,040	59,323	50,780	49,460	51,988	58,493	53,934	<b>714,123</b>
5	PacifiCorp	593,932	734,342	985,951	964,347	891,813	848,939	690,494	580,060	631,520	715,187	797,533	713,043	<b>9,147,160</b>
6	PGE	580,139	683,617	881,215	872,850	811,642	811,520	661,752	568,875	592,337	613,050	673,882	661,910	<b>8,412,791</b>
7	Puget Sound Energy	814,426	986,271	1,297,422	1,293,470	1,286,740	1,283,103	1,028,327	850,106	790,291	758,383	777,650	786,254	<b>11,952,444</b>
8														
9		<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan-23</b>	<b>Feb-23</b>	<b>Mar-23</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>Jul-23</b>	<b>Aug-23</b>	<b>Sep-23</b>	<b>FY 2023</b>
10	Avista	260,373	326,963	426,399	430,208	396,229	422,302	321,131	260,985	251,591	272,463	311,984	290,831	<b>3,971,458</b>
11	Idaho Power	474,145	477,209	585,231	619,849	581,817	542,521	458,192	488,575	530,993	654,648	767,198	676,694	<b>6,857,072</b>
12	NorthWestern	48,500	58,449	69,349	75,258	68,548	70,040	59,323	50,780	49,460	51,988	58,493	53,934	<b>714,123</b>
13	PacifiCorp	593,932	734,342	985,951	964,347	891,813	848,939	690,494	580,060	631,520	715,187	797,533	713,043	<b>9,147,160</b>
14	PGE	580,139	683,617	881,215	872,850	811,642	811,520	661,752	568,875	592,337	613,050	673,882	661,910	<b>8,412,791</b>
15	Puget Sound Energy	814,426	986,271	1,297,422	1,293,470	1,286,740	1,283,103	1,028,327	850,106	790,291	758,383	777,650	786,254	<b>11,952,444</b>
16														
17														
18														
19														
20														
21		<b>Oct-21</b>	<b>Nov-21</b>	<b>Dec-21</b>	<b>Jan-22</b>	<b>Feb-22</b>	<b>Mar-22</b>	<b>Apr-22</b>	<b>May-22</b>	<b>Jun-22</b>	<b>Jul-22</b>	<b>Aug-22</b>	<b>Sep-22</b>	<b>FY 2022</b>
22	Clark	187,291	248,534	321,915	301,752	242,583	240,139	190,265	177,139	156,825	184,553	184,417	150,897	<b>2,586,310</b>
23	Snohomish	281,981	319,922	378,546	374,981	318,605	324,418	276,391	258,113	245,586	256,814	255,278	247,411	<b>3,538,046</b>
24														
25		<b>Oct-22</b>	<b>Nov-22</b>	<b>Dec-22</b>	<b>Jan-23</b>	<b>Feb-23</b>	<b>Mar-23</b>	<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>Jul-23</b>	<b>Aug-23</b>	<b>Sep-23</b>	<b>FY 2023</b>
26	Clark	188,208	249,672	322,977	302,668	243,494	241,024	190,781	178,062	157,857	185,980	185,869	151,793	<b>2,598,384</b>
27	Snohomish	280,508	318,251	376,568	372,620	316,599	322,376	274,651	256,487	244,039	255,197	253,671	245,853	<b>3,516,820</b>

COUs FY 2022 - 2023 Forecast Exchange Loads  
(MWh)