825 NE Multnomah, Suite 2000 Portland, Oregon 97232



VIA ELECTRONIC FILING AND OVERNIGHT DELIVERY

Oregon Public Utility Commission 550 Capital Street NE, Ste. 215 Salem, OR 97301-2551

Attn: Filing Center

Re: Docket No. LC 47 PacifiCorp's 2008 Integrated Resource Plan Update - Errata

Please find enclosed an original and one copy of PacifiCorp's 2008 Integrated Resource Plan Update - Errata ("2008 IRP Update - Errata"). Copies of the errata are available electronically and will be posted on PacifiCorp's website, at <u>www.pacificorp.com</u>. The Company's 2008 Integrated Resource Plan was filed with the Public Utility Commission of Oregon ("Commission") on May 29, 2009. The Company's 2008 Integrated Resource Plan Update was filed with the Commission on March 31, 2010.

The errata provides updated information for 2008 IRP Update pages 26, 27, 43, 28, and 69.

It is respectfully requested that all formal correspondence and Staff requests regarding this filing be addressed to the following:

By E-mail (preferred): datarequest@pacificorp.com

By regular mail:

Data Request Response Center PacifiCorp 825 NE Multnomah, Suite 2000 Portland, OR 97232

If there are informal inquiries concerning the filing please contact Pete Warnken, Manager, Integrated Resource Planning at (503) 813-5518 or Joelle Steward, Regulatory Manager, at (503) 813-5542.

Sincerely,

Andrea L. Kelly Vice President, Regulation

cc: Service List LC 47



2008 IRP Update - Errata June 16, 2010

2008 IRP Update - Page 26

For Utah, the wholesale sales were not included in the comparison calculation, which lowered the overall difference between the two forecasts. The yellow highlighted column shows the numerical changes to the table.

Table 3.4 – Annual Coincidental Peak Growth Change: October 2009 Forecast LessFebruary 2009 Forecast

(Megawatts) Year Total OR WA CA UT WY ID SE ID (149)13 (54)2010 (271)(5)0 (56)(27)(42) 2011 (276)(135)13 (8) (80)12 (43)2012 (258) (98) 10 (9) (4) (97) (5) (64) (75)14 (9) (87)(12)(60)2013 (192) 36 (67)13 (11)27 (74)74 (18)2014 (43) 10 2015 (60) (65) 13 (11)(60) 66 (23)29 (66) 43 2016 (98) (65)12 (12)(45)37 2017 (109) (68) 11 (12)33 (77)(45) 7 2018 (143) (75)(12)30 (89) 35 (56) 54 (12)35 2019 11 (40)(86) (74)(68)Annual Average Change for 2010-2019 23 (154)12 (10)17 (75) (42)(87)

2008 IRP Update - Page 27

Total amount of renewable resource additions cited in preceding text was corrected to match table amounts.

Existing Supply-Side Resources

Since the filing of the 2008 IRP in May 2009, PacifiCorp has added 268258 megawatts of additional renewable resources. Table 3.5 reports these renewable resources by category, nominal capacity (MW), and commercial on-line date.

Table 3.5 – Renewable Resource Additions

Resource Category	Nominal Capacity (MW)	On-line Date
Owned Wind		
High Plains	99.0	9/13/2009
McFadden Ridge I	28.5	9/29/2009



Resource Category	Nominal Capacity (MW)	On-line Date
Purchased Wind - Power Purchase Agreements and PURPA Qu	alifying Facilitie	S
Three Buttes Wind, LLC (PPA)	99.0	12/31/2009
Four Corners Windfarm LLC (Oregon Wind Farm II, QF)	10.0	6/16/2009
Four Mile Canyon Windfarm LLC (Oregon Wind Farm II, QF)	10.0	6/16/2009
Threemile Canyon Wind LLC (QF)	9.9	9/1/2009
Biogas – PURPA Qualifying Facilities		
Small Oregon QF	1.6	5/15/2009

2008 IRP Update - Page 43

The capital costs for the Natural Gas CCCT 2x1 resource options in Table 4.3 have been broken out into the 2x1 (two gas turbines, one steam turbine) and duct-firing plant components. The original table incorrectly had these costs added together. Yellow highlights show numerical changes to the table.

	Capital Cost (200			
Resource Type and Location	2010 Business Plan	Difference, 2010 Business Plan less 2008 IRP	Percent Change	
East				
Natural Gas, Intercooled Aero SCCT	1,084	32	3%	
Natural Gas, SCCT Frame	770	23	3%	
Natural Gas, CCCT Wet 2x1 (4500 feet)	\$1,253	10	1%	
Natural Gas, CCCT- DF, Wet, 2x1 (4500 feet)	\$632	5	1%	
Wind	2,332	(234)	(9%)	
West				
Natural Gas, Intercooled Aero SCCT	985	29	3%	
Natural Gas, SCCT Frame	700	21	3%	
Natural Gas, CCCT Wet, 2x1 (1500 feet)	\$1,131	9	1%	
Natural Gas, CCCT - DF, Wet, 2x1 (1500 feet)	\$570	4	1%	
Natural Gas, - CCCT 2x1 (Sea level)	\$1,083	8	1%	
Natural Gas, CCCT- DF, Wet, 2x1 (Sea Level)	\$546	4	1%	
Wind	\$2,474	(137)	(5%)	

Table 4.3 – Resource C	apital Cost Com	parison, 2010 B	Jusiness Plan vs.	2008 IRP
	apital 0000 0011	.pan 13011, 2010 -	, aointeoso i nani 151	

*DF – Duct Firing



2008 IRP Update - Page 28

Table 3.6 – Contract Additions: Front Office Transactions has a correction to the location for the last line and should read "FOT 3^{rd} Qtr – Mona Four Corners".

Table 3.6 – Contract Additions: Front Office Transactions

Contract Type - Location	Contract Capacity (MW)	Contract Term
Purchases		
FOT 3 rd Qtr – Mona	50	2010-2012
FOT 3 rd Qtr – Mona	100	2011-2012
Locational Spreads		
FOT 3 rd Qtr – Mona	100	2012-2013
FOT 3 rd Qtr – Four Corners	100	2012-2013
FOT 3 rd Qtr – Mona	50	2013
FOT 3 rd Qtr – Four Corners	50	2012-2013



2008 IRP Update - Page 69

East PPA changed to 200MW to coincide with the amount shown in Table 5.3 – 2010 Business Plan Portfolio. **Table A.4 – 2010 Business Plan Resource Portfolio (2010-2028)**

	Capacity, MW															Resour	rce ars				
Resource	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2010-19	
												·······						1	1		1
CCCT F 2x1, Utah (North 2015, South 2018)	-	-	-	-	-	607	- T	- 1	536	-	-	- 1	-	- I	-	-	-	-	-	1,143	1000
East PPA	+	-	200	- 1	-	-	-		-	-	-		-	-	-			-		200	+-
Coal & Gas Capacity Upgrades	16	20		2		11	37	-	-	-	-	- 1	-	-	-	-			t	86	t
Wind, Top of the World (PPA)	-	200	-	-	~	-	-	-	-	-	-	- 1	-	-	-		-	-		200	t
Wind, McFadden Ridge	-	-	-	-	-	-	-	- 1	-	-	-	-	-	-	-	-	-	-	1 . 1		t
Wind, Dunlap 1	111	-	-	-	-	-	- 1	-	-	-	-	-	-	-	-		-	-		111	t
Wind, Three Buttes (PPA)	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	- 1	99	t
Wind, Casper (PPA)	17	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	1 . 1	17	
Wind, High Plains	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 - 1		t
Wind, WYSW, 35% Capacity Factor	-	-	-	-	-	-	-	160	100	200	200	200	200	200	-		-	-		460	t
Total Wind	227	200	-	-	-	-	-	160	100	200	200	200	200	200	-				<u> </u>	887	┢
DSM. Class 1, UT-Cookeeper	18	6	5	-	-	-	-	· ·	-	-										28	ł
DSM, Class 1, Irrigate	25	-	-	-	-	-	-	- 1	-	-	-	- 1		-	-	-		<u> </u>		25	┢
DSM, Class I, UT-DLC-RES	-	5	15	15	5	-	-	-	-	-	-	-	~	-		-	-	<u> </u>		40	
DSM, Class 1, WY-DLC-RES	-	-	-	5	5	3	- 1	-	-	-	-	-								13	+
DSM, Class 1 Total	43	11	20	20	10	3			-	-	-	_	~	<u> </u>		-			+	106	┢
DSM, Class 2, Goshen	2	2	2	2	2	2	2		2	2	2	2	2	2	2	2	2	2		19	┝
DSM, Class 2, Utah	54	54	54	56	57	39	40		39	43	43	45	46	43	42	47	48	48		477	╀
DSM, Class 2, Wyoming	9	9	9	9	10	8	8		9	8	9	9		10	10	10	10	10	10	89	╀
DSM, Class 2 Total	65	65	66	68	68	49	50		50	53	54	56	57	55	54	59	60	59			┝
FOT Mead. 3rd Otr HLH				38	219									- 33			60			585	
FOT Utah, 3rd Qtr HLH					- 215			50	50	50	50	50	50	50	50	- 50	- 50	-			
FOT Mona, 3rd Otr HLH	-	-	200		-	-	<u> </u>	50		50	50		- 50		- 30			50	50		
FOT Mona-3, 3rd Qtr HLH	-	-	-	300	300	300	300	300	297	300	300	300	300	300	300	300	- 300	- 300	- 300		
Growth Resource Goshen	-	-	-	-	-	-				300	- 300	300	300	300	300	<u> </u>	277	187	299		
Growth Resource Utah North	-	-				-			-	-				-		. 94		18/	299		
	lane and	1	-			Second Street		Carrier Contraction of Contraction o	(englander)			essensionente	CONTRACTOR OF	-			- 				
Coal Plant Turbine Upgrades	4	-	-				12	12	8	12	Tenade strange strang	- T	-	-	10.000000010000	-	-	-	10.0384.0038071-	48	٣
Wind PPA	20	-	-	-		-	-		-	-							-	-		20	┢
Total Wind	20	-	-	-	-	-				-	-	-								20	┢
DSM, Class 1, WW-Irrigate	-	0	1	1	-	-	-	-			-									20	┝
DSM. Class 1, WM-DLC-RES	-	2	8	10	5	-	_		•	-	-								<u> </u>	25	⊢
DSM, Class 1, WM-Irrigate	-	2	6	5	-	•	-	-		-				-						13	┢
DSM, Class 1, YA-Irrigate	-	1	2	2	-	-	-		-	-				-			-			5	-
DSM, Class 1 Total	-	5	17	18	5	-		<u> </u>	-	-				-	-				<u> </u>	45	
DSM, Class 2, Walla Walla	3	3	3	3	3	3	3	3	3	3	3	3		- 3	- 3	- 3	- 3		<u> </u>		┝
DSM. Class 2, West Main	30	30	30	30	30	29	29		19	19	19	19	19	19		19		3	3	31	+
DSM, Class 2, West Main	6	6	6	6	6	5	5			19	6	6	19	19	19 6		19 6	19	19	264	–
DSM, Class 2 Total	40	40	39	40	40	37	37		27	27	27	28	28	28		6				58	+
Solar	40	2	2	2	+0 2	2		<u> </u>	- 21	27					28	28	28	28	28	353	⊢
FOT COB. 3rd Qtr HLH			389	389	389	289	239	239	- 239	239	-			-	-	-	-	-	<u> </u>	9	1_
FOT Mid-Columbia, 3rd Qtr HLH			- 389	155	265	155	333		239		239	239	239	239	239	239	239	239	239		
FOT West Main, 3rd Qtr HLH	-	-	- 15	50	265	155	333	319	- 50	155	344	10	311	400	400	400	400	400	400		
Growth Resource Walla Walla	-	-	- 15							50	50	50	50	50	50	50	50	50	50		
	-				-	•	-				· ·	12	13	26	92	175	173	171	167		
Growth Resource West Main			-	-	-	-	•	· ·		-	-	-	-	-		-		259	302		
Growth Resource Yakima	-		-	-	-	-	-	-	-	-	-	152	-	14	16	136	144	156	170		
Annual Additions, Long Term Resources Annual Additions, Short Term Resources	414	342	344 604	149 932	125	708	136 923	251	721 636	292 794	282	284	285	283	81	87	87	87	87		
								958			984	814	963	1,080	1,147	1,444	1,633	1.813	1,984		

CERTIFICATE OF SERVICE

I certify that I have cause to be served the foregoing **PacifiCorp's 2008 Integrated Resource Plan Update –Errata** in OPUC Docket No. LC 47 by electronic mail and US mail to those parties who have not waived paper service on the attached service list.

DATED this 16th day of June, 2010.

G. Catriona McCracken (W) (C) Citizens' Utility Board of Oregon 610 SW Broadway – Ste 308 Portland, OR 97205 <u>catriona@oregoncub.org</u>

Robert Jenks (W) (C) Citizens' Utility Board of Oregon 610 SW Broadway – Ste 308 Portland, OR 97205 bob@oregoncub.org

Janet L. Prewitt (W) (C) Assistant Attorney General Department of Justice 1162 Court St. NE Salem, OR 97301-4096 Janet.prewitt@doj.state.or.us

Vijay A. Satyal (W) (C) Oregon Department of Energy 625 Marion St. NE Salem, OR 97301 vijay.a.satyal@state.or.us

Michael Early Davison Van Cleve 333 SW Taylor – Ste 400 Portland, OR 97204 mearly@icnu.org

Andrea F. Simmons (W) (C) Oregon Department of Energy 625 Marion St. NE Salem, OR 97301-3742 andrea.f.simmons@state.or.us Gordon Feighner (W) (C) Citizens' Utility Board of Oregon 610 SW Broadway – Ste 308 Portland, OR 97205 gordon@oregoncub.org

Irion A. Sanger (C) Davison Van Cleve 333 SW Taylor – Ste 400 Portland, OR 97204 ias@dvclaw.com

Michael Weirich Assistant Attorney General Department of Justice 1162 Court St. NE Salem, OR 97301-4096 michael.weirich@doj.state.or.us

John W. Stephens (W) (C) Esler Stephens & Buckley 888 SW Fifth Ave. Ste 700 Portland, OR 97204-2021 Stephens@eslerstephens.com

Steven Weiss (W) Sr. Policy Associate Northwest Energy Coalition 4422 Oregon Trail Ct. NE Salem, OR 97305 steve@nwenergy.org

Robin Straughan (W) (C) Oregon Department of Energy 625 Marion St. NE Salem, OR 97301-3742 Robin.straughan@state.or.us Oregon Dockets (W) PacifiCorp 825 NE Multnomah, Ste 2000 Portland, OR 97232 oregondockets@pacificorp.com

Jordan White (W) Senior Counsel PacifiCorp 825 NE Multnomah, Ste 1800 Portland, OR 97232 jordan.white@pacificorp.com

Brian Kuehne (W) Portland General Electric 121 SW Salmon St. 3WTC BR06 Portland, OR 97204 Brian.kuehne@pgn.com

Rates & Regulatory Affairs (W) Portland General Electric 121 SW Salmon St. 1WTC0702 Portland, OR 97204 Pge.opuc.filings@pgn.com

Cameron Yourkowski (W) (C) Renewable Northwest Project 917 SW Oak, Suite 303 Portland, OR 97205 Cameron@rnp.org Pete Warnken (W) Manager, Integrated Resource Plan PacifiCorp 825 NE Multnomah, Ste 600 Portland, OR 97232 pete.warnken@pacificorp.com

Patrick Hager (W) Portland General Electric 121 SW Salmon St. 1WTC0702 Portland, OR 97204 <u>patrick.hager@pgn.com</u>

V. Denise Saunders (W) Portland General Electric 121 SW Salmon St. 1WTC1301 Portland, OR 97204 Denise.saunders@pgn.com

Kelcey Brown Oregon Public Utility Commission P.O. Box 2148 Salem, OR 97301 Kelcey.brown@state.or.us

Megan Walseth Decker (W) Renewable Northwest Project 917 SW Oak, Suite 303 Portland, OR 97205 <u>megan@rnp.org</u>

Carrie Meyer Coordinator, Regulatory Operations