

PacifiCorp

MAY UTGRC12_NPC Report (Rebuttal)

12 months ended May 2013	Net Power Cost Analysis												
	06/12-05/13	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13
	\$												
Special Sales For Resale													
Long Term Firm Sales													
Black Hills s27013/s28160	12,544,713	838,904	1,035,651	1,091,010	1,066,217	1,083,207	1,072,242	1,081,163	1,089,782	1,041,586	1,082,758	1,066,202	995,989
BPA Wind s42818	2,761,972	173,000	129,745	122,984	161,736	236,385	297,740	349,112	333,182	279,306	270,443	210,046	198,293
Hurricane Sale s393046	3,330	1,110	1,110	1,110	-	-	-	-	-	-	-	-	-
LADWP (IPP Layoff)	30,104,809	2,594,592	2,776,554	2,757,022	1,979,348	3,229,887	2,315,320	2,579,523	2,762,963	2,413,655	2,301,815	1,748,673	2,645,460
NVE s811499	12,778,282	1,244,400	736,560	766,320	1,694,592	2,880,003	2,670,892	2,785,515	-	-	-	-	-
Pacific Gas & Electric s524491	6,965,336	820,000	-	-	-	1,836,498	2,015,800	2,293,038	-	-	-	-	-
SCE s513948	3,499,211	720,400	-	-	-	960,006	890,300	928,505	-	-	-	-	-
SMUD s24296	9,012,288	614,708	1,345,156	1,586,924	745,880	110,596	-	-	992,792	1,033,944	902,772	954,212	725,304
UMPA II s45631	<u>8,724,584</u>	<u>732,124</u>	<u>1,649,994</u>	<u>1,330,905</u>	<u>704,537</u>	<u>561,618</u>	<u>511,071</u>	<u>522,691</u>	<u>593,283</u>	<u>561,909</u>	<u>534,311</u>	<u>511,071</u>	<u>511,071</u>
Total Long Term Firm Sales	86,394,525	7,739,237	7,674,771	7,656,275	6,352,310	10,898,200	9,773,365	10,539,546	5,772,002	5,330,400	5,092,098	4,490,205	5,076,116
Short Term Firm Sales													
COB	-	-	-	-	-	-	-	-	-	-	-	-	-
Colorado	-	-	-	-	-	-	-	-	-	-	-	-	-
Mead	-	-	-	-	-	-	-	-	-	-	-	-	-
Mid Columbia	-	-	-	-	-	-	-	-	-	-	-	-	-
Palo Verde	78,305,140	4,855,500	3,976,880	7,358,640	9,631,200	18,973,350	14,380,000	14,499,250	1,608,840	1,412,640	1,608,840	-	-
Electric Swaps Sales	44,811,958	4,203,920	5,871,917	4,876,872	5,128,320	5,333,154	5,247,522	5,308,013	2,636,200	2,553,696	3,652,345	-	-
Total Short Term Firm Sales	123,117,098	9,059,420	9,848,797	12,235,512	14,759,520	24,306,504	19,627,522	19,807,263	4,245,040	3,966,336	5,261,185	-	-
System Balancing Sales													
COB	34,302,924	313,065	2,069,153	2,523,230	3,356,908	3,085,505	4,294,422	4,832,534	4,436,090	3,025,080	3,237,163	2,723,668	406,107
Four Corners	63,779,968	2,148,260	7,675,707	8,826,565	7,226,041	5,970,232	5,863,107	4,614,630	6,200,341	5,039,099	3,478,709	3,369,657	3,367,620
Mead	16,576,962	560,768	1,762,692	1,645,577	873,022	213,971	195,423	179,060	2,457,064	2,124,299	2,184,314	2,232,903	2,147,869
Mid Columbia	50,861,397	10,034	5,428	735,842	5,124,440	6,691,280	11,632,792	13,061,515	5,929,896	4,471,455	3,155,576	43,139	-
Mona	15,610,442	742,785	2,238,392	2,933,563	1,648,511	1,597,914	979,244	621,992	1,139,320	868,061	1,200,851	1,016,995	622,813
NOB	-	-	-	-	-	-	-	-	-	-	-	-	-
Palo Verde	65,635,853	5,366,518	4,820,064	2,248,285	1,182,859	2,169,005	2,411,994	2,120,985	8,901,974	8,731,399	9,273,598	8,902,965	9,506,209
SP15	-	-	-	-	-	-	-	-	-	-	-	-	-
Trapped Energy	-	-	-	-	-	-	-	-	-	-	-	-	-
Total System Balancing Sales	246,767,546	9,141,431	18,571,436	18,913,061	19,411,781	19,727,907	25,376,983	25,430,715	29,064,685	24,259,393	22,530,210	18,289,327	16,050,618
Total Special Sales For Resale	456,279,170	25,940,088	36,095,004	38,804,848	40,523,611	54,932,612	54,777,869	55,777,524	39,081,726	33,556,129	32,883,493	22,779,531	21,126,734

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	06/12-05/13	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13
Qualifying Facilities													
QF California	5,737,210	654,903	298,224	218,170	200,197	202,070	228,092	350,240	537,991	608,127	681,274	872,965	884,957
QF Idaho	5,598,144	645,862	558,928	449,500	413,219	438,549	426,311	408,080	391,783	356,961	433,144	476,733	599,075
QF Oregon	22,317,919	1,899,869	1,638,226	1,547,617	1,542,919	1,444,089	1,478,151	1,771,551	1,969,485	1,818,564	2,128,275	2,353,926	2,725,246
QF Utah	1,314,484	126,136	105,599	106,993	91,288	106,972	110,386	88,327	97,919	101,654	115,216	126,937	137,055
QF Washington	1,729,803	267,779	289,111	280,416	259,993	223,032	208,844	200,628	-	-	-	-	-
QF Wyoming	757,501	99,497	106,633	106,570	96,339	52,764	28,660	28,267	30,681	29,444	29,059	47,449	102,137
Biomass One QF	13,370,770	696,613	706,105	1,362,239	1,087,448	749,107	1,303,840	1,336,721	1,351,900	1,226,296	1,351,900	1,315,340	883,262
Chevron Wind p499335 QF	2,934,204	156,038	141,061	229,675	187,180	294,081	298,132	334,128	344,288	323,250	329,848	137,384	159,140
DCFP p316701 QF	23,633	665	624	1,120	1,946	4,286	3,945	1,908	1,343	875	2,654	2,014	2,254
Evergreen BioPower p351030 QF	2,725,614	193,327	222,020	297,490	286,896	313,335	211,701	147,950	219,448	187,958	200,842	203,880	240,768
Five Pine Wind QF	2,679,744	-	-	-	-	-	-	24,711	595,978	508,454	602,989	471,714	475,898
Mountain Wind 1 p367721 QF	8,433,045	362,582	401,438	544,170	623,963	716,405	830,352	1,106,712	1,204,043	766,008	784,904	592,253	500,215
Mountain Wind 2 p398449 QF	12,215,428	693,947	787,868	848,297	788,553	851,849	1,114,887	1,504,852	1,757,305	1,072,022	1,117,670	806,170	872,009
North Point Wind QF	5,819,916	-	-	-	-	-	-	53,487	1,290,851	1,103,985	1,304,050	1,035,257	1,032,286
Oregon Wind Farm QF	10,935,558	1,280,930	1,297,180	1,004,046	805,100	827,935	958,913	332,279	635,255	698,771	890,599	1,093,657	1,110,894
Pioneer Wind Park I QF	-	-	-	-	-	-	-	-	-	-	-	-	-
Pioneer Wind Park II QF	5,262,960	-	-	-	-	-	-	44,550	1,300,105	1,276,791	1,151,266	818,451	671,798
Power County North Wind QF p5756	3,539,066	202,850	196,719	207,290	240,907	303,791	348,582	471,304	376,217	340,290	346,372	281,492	223,253
Power County South Wind QF p5756	3,367,549	191,247	183,178	192,789	227,346	287,010	334,961	450,327	363,485	325,372	332,739	267,253	211,841
Roseburg Dillard QF	932,859	-	103,176	124,843	124,030	23,944	54,315	149,479	156,380	144,052	40,304	12,337	-
SF Phosphates	4,830,014	408,406	459,541	450,449	445,569	467,423	359,364	352,026	353,583	328,110	408,849	432,587	364,106
Spanish Fork Wind 2 p311681 QF	2,760,964	239,704	283,545	342,200	274,672	224,329	247,756	270,067	179,943	195,205	172,236	162,891	168,417
Sunnyside p83997/p59965 QF	26,476,200	2,310,985	2,327,394	2,355,055	2,275,059	1,975,068	2,300,509	2,358,367	2,359,193	2,262,077	2,332,058	1,563,478	2,056,956
Tesoro QF	1,560,863	107,683	182,012	180,127	166,618	144,114	141,205	151,403	115,234	96,760	99,837	91,065	84,805
US Magnesium QF	3,184,755	-	379,061	405,908	392,388	406,755	333,629	412,276	318,889	281,082	254,767	-	-
Qualifying Facilities Total	149,169,015	10,722,308	10,829,303	11,418,661	10,683,800	10,056,907	11,322,536	12,349,637	15,951,300	14,052,109	15,110,851	13,165,232	13,506,371
Mid-Columbia Contracts													
Douglas - Wells p60828	3,582,265	296,144	296,144	296,144	299,315	299,315	299,315	299,315	299,315	299,315	299,315	299,315	299,315
Grant Reasonable	(5,480,269)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)	(587,967)
Grant Surplus p258951	2,195,682	196,713	196,713	196,713	196,713	196,713	196,713	196,713	163,739	163,739	163,739	163,739	163,739
Mid-Columbia Contracts Total	297,678	(95,110)	(95,110)	(95,110)	(91,939)	(91,939)	(91,939)	(91,939)	190,153	190,153	190,153	190,153	190,153
Total Long Term Firm Purchases	450,230,818	31,667,231	36,131,970	36,931,726	34,150,134	34,605,832	37,414,848	40,925,926	45,187,577	39,714,179	42,544,230	36,007,261	34,949,905

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	06/12-05/13	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	Jan-13	Feb-13	Mar-13	Apr-13	May-13
Storage & Exchange													
APS Exchange p58118/s58119	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Hills CTs p64676	122,929	122,929	-	-	-	-	-	-	-	-	-	-	-
BPA Exchange p64706/p64888	-	-	-	-	-	-	-	-	-	-	-	-	-
BPA FC II Wind p63507	-	-	-	-	-	-	-	-	-	-	-	-	-
BPA FC IV Wind p79207	-	-	-	-	-	-	-	-	-	-	-	-	-
BPA So. Idaho p64885/p83975/p647	(3,639)	(1,335)	(2)	(2,303)	-	-	-	-	-	-	-	-	-
Cargill p483225/s6 p485390/s89	1,398,400	-	460,000	496,800	441,600	-	-	-	-	-	-	-	-
Cowlitz Swift p65787	-	-	-	-	-	-	-	-	-	-	-	-	-
EWEB FC I p63508/p63510	-	-	-	-	-	-	-	-	-	-	-	-	-
PSCo Exchange p340325	5,400,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000
PSCO FC III p63362/s63361	-	-	-	-	-	-	-	-	-	-	-	-	-
Redding Exchange p66276	-	-	-	-	-	-	-	-	-	-	-	-	-
SCL State Line p105228	-	-	-	-	-	-	-	-	-	-	-	-	-
Shell p489963/s489962	364,800	-	120,000	129,600	115,200	-	-	-	-	-	-	-	-
Total Storage & Exchange	7,282,489	571,594	1,029,998	1,074,097	1,006,800	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000
Short Term Firm Purchases													
Mid Columbia	63,257,880	5,846,560	2,663,830	5,680,230	7,048,980	14,755,890	10,731,000	10,829,850	1,145,950	1,006,200	1,145,950	1,168,960	1,234,480
Palo Verde	7,623,600	1,965,600	953,250	953,250	922,500	953,250	922,500	953,250	-	-	-	-	-
STF Electric Swaps	19,052,331	<u>1,193,200</u>	<u>6,536,495</u>	<u>5,367,600</u>	<u>4,771,200</u>	<u>287,022</u>	<u>86,300</u>	<u>80,650</u>	<u>(95,056)</u>	<u>189,792</u>	<u>635,128</u>	<u>-</u>	<u>-</u>
Total Short Term Firm Purchases	90,597,211	9,005,360	10,485,275	12,332,780	12,742,680	15,996,162	11,739,800	11,863,750	1,050,894	1,195,992	1,781,078	1,168,960	1,234,480
System Balancing Purchases													
COB	14,918,817	2,134,534	1,012,668	885,869	288,266	1,299,358	1,086,887	435,304	375,800	731,415	309,026	912,224	5,447,466
Four Corners	12,271,853	774,146	1,296,408	680,951	211,455	116,443	605,041	1,042,813	538,834	987,642	2,584,186	2,617,843	816,091
Mead	1,262,072	110,330	184,918	222,085	80,542	19,663	14,796	533,819	-	4,767	77,167	-	13,985
Mid Columbia	53,599,358	4,031,606	9,915,501	8,988,169	2,888,712	736,211	27,186	16,443	442,827	1,302,771	4,775,640	10,649,263	9,825,030
Mona	24,813,743	2,248,972	1,231,136	325,209	2,106,686	1,677,180	1,970,905	3,430,401	2,722,339	3,486,663	1,409,005	997,134	3,208,113
NOB	1,658,129	58,617	-	65,931	-	41,559	-	481,464	4,247	27,870	-	-	978,442
Palo Verde	16,591,526	37,218	256,841	1,255,488	1,201,436	6,017,975	3,625,630	4,190,330	2,281	1,436	2,891	-	-
SP15	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Purchases	<u>65,180</u>	<u>938</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>64,242</u>
Total System Balancing Purchases	125,180,677	9,396,362	13,897,472	12,423,702	6,777,096	9,908,389	7,330,445	10,130,573	4,086,328	6,542,562	9,157,914	15,176,464	20,353,369
Total Purchased Power & Net Inte	673,291,195	50,640,548	61,544,716	62,762,304	54,676,710	60,960,383	56,935,093	63,370,249	50,774,799	47,902,733	53,933,222	52,802,685	56,987,753

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Wheeling & U. of F. Expense													
Firm Wheeling	135,165,639	12,091,688	11,413,751	10,779,936	10,716,436	11,032,573	11,736,927	11,161,628	11,184,182	11,571,600	11,031,903	11,421,190	11,023,825
ST Firm & Non-Firm	<u>79,739</u>	<u>2,614</u>	<u>3,591</u>	<u>7,192</u>	<u>6,849</u>	<u>6,749</u>	<u>10,109</u>	<u>9,925</u>	<u>13,163</u>	<u>10,482</u>	<u>7,527</u>	<u>446</u>	<u>1,093</u>
Total Wheeling & U. of F. Expense	135,245,378	12,094,302	11,417,342	10,787,128	10,723,285	11,039,322	11,747,036	11,171,552	11,197,345	11,582,082	11,039,430	11,421,637	11,024,917
Coal Fuel Burn Expense													
Carbon	19,777,790	1,367,682	1,641,715	1,756,060	1,650,832	1,703,562	1,725,117	1,865,569	1,865,829	1,726,236	1,916,165	941,207	1,617,815
Cholla	52,239,755	4,212,669	4,542,068	4,647,970	4,439,923	4,597,633	4,478,515	4,649,356	4,888,787	4,383,887	4,401,931	2,482,094	4,514,923
Colstrip	14,565,952	913,943	1,277,840	1,316,578	1,271,181	1,316,578	1,273,773	1,313,985	1,316,578	1,188,164	1,313,985	962,767	1,100,579
Craig	22,662,621	1,773,157	2,002,766	2,008,029	1,939,830	2,008,029	1,943,169	2,007,374	2,008,029	1,813,450	2,007,374	1,945,757	1,205,657
Dave Johnston	58,464,863	4,760,662	5,710,785	5,731,179	5,411,010	5,379,029	4,836,140	4,371,938	4,178,550	4,455,917	4,649,893	3,696,367	5,283,392
Hayden	12,318,263	856,489	999,104	1,124,842	1,052,265	1,047,456	1,063,032	1,127,568	1,207,909	1,107,976	964,098	589,142	1,178,382
Hunter	139,196,382	9,556,373	11,093,343	11,863,562	11,051,410	12,107,110	11,538,485	13,056,872	13,375,157	12,207,456	10,682,409	11,331,067	11,333,138
Huntington	94,971,400	6,785,346	7,697,339	8,135,213	7,430,526	5,759,813	7,932,108	9,002,568	9,075,365	8,230,497	9,215,778	7,882,726	7,824,122
Jim Bridger	194,846,229	12,513,820	16,806,146	18,040,832	16,795,322	18,497,626	17,805,749	18,301,027	17,041,858	15,681,742	16,963,878	14,347,936	12,050,292
Naughton	107,152,185	7,891,238	9,553,145	9,539,910	9,161,725	9,435,061	9,209,674	9,447,653	9,468,954	8,248,765	6,831,913	9,100,445	9,263,702
Ramp Loss	(992,291)	(67,630)	(95,153)	(87,650)	(69,379)	(93,098)	(92,585)	(82,729)	(58,442)	(90,412)	(82,556)	(68,569)	(104,088)
Wyodak	<u>20,113,303</u>	<u>1,558,971</u>	<u>1,765,834</u>	<u>1,766,394</u>	<u>1,707,644</u>	<u>1,765,347</u>	<u>1,744,673</u>	<u>1,801,444</u>	<u>1,802,789</u>	<u>1,628,056</u>	<u>1,801,730</u>	<u>1,744,413</u>	<u>1,026,009</u>
Total Coal Fuel Burn Expense	735,316,452	52,122,722	62,994,932	65,842,919	61,842,288	63,524,146	63,457,851	66,862,626	66,171,363	60,581,735	60,666,598	54,955,351	56,293,922
Gas Fuel Burn Expense													
Chehalis	34,495,823	45,139	4,324,983	5,680,102	5,656,537	6,225,738	5,461,756	2,404,464	4,697,105	-	-	-	-
Currant Creek	60,868,978	3,844,667	4,584,868	4,912,057	4,493,149	4,640,681	5,053,080	5,572,528	5,965,519	5,342,761	5,733,192	5,275,966	5,450,511
Gadsby	2,463,928	-	1,013,256	1,049,680	325,754	75,237	-	-	-	-	-	-	-
Gadsby CT	10,173,938	644,253	715,010	736,176	720,539	762,777	812,271	963,654	1,007,788	878,373	1,001,924	942,948	988,224
Hermiston	33,800,796	1,561,686	2,816,606	3,146,680	3,123,063	3,306,697	3,152,014	3,598,639	3,465,108	3,218,423	3,385,084	2,304,499	722,299
Lake Side	60,334,704	3,744,319	5,505,761	5,786,410	5,617,104	3,556,400	6,140,812	6,162,073	6,550,428	5,282,114	6,535,553	2,563,291	2,890,438
Lake Side II	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Gas Fuel Burn	202,138,167	9,840,064	18,960,484	21,311,106	19,936,146	18,567,530	20,619,932	18,701,359	21,685,947	14,721,671	16,655,753	11,086,704	10,051,471
Gas Physical	(65,584)	3,244	(5,345)	(6,943)	(7,340)	(4,851)	(8,039)	(9,397)	(9,222)	(8,392)	(9,300)	-	-
Gas Swaps	155,110,560	22,268,776	20,087,961	19,797,801	18,382,425	16,343,433	13,511,393	11,013,742	9,192,438	7,212,828	8,019,654	4,598,460	4,681,651
Clay Basin Gas Storage	(330,662)	51,523	51,523	51,523	51,523	51,523	(48,424)	(137,846)	(169,578)	(170,107)	(165,368)	51,523	51,523
Pipeline Reservation Fees	25,949,137	2,169,706	2,210,696	2,210,696	2,169,706	2,210,696	2,169,706	2,210,696	2,149,009	2,040,198	2,149,009	2,110,009	2,149,009
Total Gas Fuel Burn Expense	382,801,618	34,333,313	41,305,319	43,364,183	40,532,461	37,168,331	36,244,567	31,778,555	32,848,594	23,796,197	26,649,748	17,846,696	16,933,654
Other Generation													
Blundell	3,483,827	273,391	282,489	282,440	282,261	300,662	299,794	309,881	309,773	279,837	309,881	261,869	291,551
Wind Integration Charge	<u>5,305,234</u>	<u>372,769</u>	<u>324,179</u>	<u>324,172</u>	<u>341,649</u>	<u>407,408</u>	<u>480,762</u>	<u>518,160</u>	<u>598,032</u>	<u>470,979</u>	<u>564,102</u>	<u>457,200</u>	<u>445,822</u>
Total Other Generation	8,789,061	646,159	606,668	606,612	623,910	708,069	780,556	828,040	907,805	750,816	873,983	719,069	737,373
Net Power Cost	1,479,164,534	123,896,957	141,773,973	144,558,297	127,875,043	118,467,640	114,387,234	118,233,498	122,818,180	111,057,434	120,279,486	114,965,906	120,850,885
Net Power Cost/Net System Load	25.01	26.25	26.22	27.01	27.14	24.97	24.06	23.08	23.58	24.00	24.41	24.61	24.71