

Rocky Mountain Power
Exhibit RMP__(GND-1)
Docket No. 10-035-124
Witness: Gregory N. Duvall

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

Exhibit Accompanying Direct Testimony of Gregory N. Duvall

Net Power Costs

January 2011

UT GRC June 2012 (GOLD)_2010 12 23

PacifiCorp

12 months ended June 2012

	07/11-06/12	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
Net Power Cost Analysis													
\$													
Special Sales For Resale													
Long Term Firm Sales													
Black Hills s27013/s28160	13,120,262	1,101,796	1,107,238	1,083,348	1,096,857	1,088,007	1,105,845	1,101,395	1,074,209	1,096,215	1,087,684	1,100,176	1,077,493
BPA Wind s42818	2,765,095	129,294	122,556	161,173	235,564	296,704	347,898	340,042	294,963	276,011	214,371	202,376	164,143
Hurricane Sale s393046	12,388	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032	1,032
LADWP (IPP Layoff)	25,490,563	2,164,955	2,164,955	2,095,115	2,164,955	2,095,115	2,164,955	2,164,955	1,985,435	2,164,955	2,095,115	2,164,955	2,095,115
Pacific Gas & Electric s524491	24,481,758	-	-	2,095,115	2,833,128	2,986,000	3,414,904	3,225,130	2,943,200	2,936,118	2,303,300	1,918,130	1,921,848
PSCO s100035	9,086,188	1,524,946	1,570,890	1,452,270	1,494,873	1,472,319	1,570,890	1,428,588	1,317,073	1,361,709	1,176,390	1,251,864	1,359,276
SCE s513948	11,814,174	-	-	271,824	1,294,286	1,251,460	1,373,528	1,152,825	1,077,588	881,001	885,855	698,976	759,651
SMUD s24296	8,504,208	1,446,492	1,329,996	792,640	593,283	582,825	593,283	593,283	572,367	593,283	582,825	593,283	929,263
UMPA II s45631	9,606,329	1,779,848	1,400,150	792,640	593,283	582,825	593,283	593,283	572,367	593,283	582,825	593,283	929,263
Total Long Term Firm Sales	104,900,986	8,148,363	7,696,818	5,857,403	9,713,978	9,773,461	10,572,335	10,007,250	9,235,867	9,310,324	8,346,573	7,930,791	8,307,822
Short Term Firm Sales													
COB	3,255,840	-	-	-	-	-	-	1,176,480	1,012,320	1,067,040	-	-	-
Four Corners	11,479,050	1,290,000	1,170,000	1,200,000	1,230,000	1,200,000	1,230,000	1,502,850	1,293,150	1,363,050	-	-	-
Mona	4,144,000	397,750	360,750	832,500	860,250	832,500	860,250	-	-	-	-	-	-
Palo Verde	8,508,500	-	-	-	845,000	812,500	845,000	1,023,000	957,000	1,023,000	990,000	1,023,000	990,000
STF Index Trades	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Short Term Firm Sales	27,387,390	1,687,750	1,530,750	2,032,500	2,935,250	2,845,000	2,935,250	3,702,330	3,262,470	3,453,090	990,000	1,023,000	990,000
System Balancing Sales													
COB	57,795,505	4,549,648	5,710,444	4,785,221	5,820,052	7,610,655	8,347,175	5,981,732	4,620,644	5,053,129	2,820,493	928,956	1,567,359
Four Corners	87,690,876	6,588,274	11,334,560	8,115,276	9,231,340	5,980,968	9,687,850	7,151,420	7,774,346	6,403,719	6,205,991	4,120,110	5,097,025
Mid Columbia	43,545,291	155,762	2,903,438	4,885,983	6,818,458	8,561,397	8,455,164	4,155,877	5,151,374	2,382,713	75,126	-	-
Mona	27,160,550	4,608,042	3,389,372	4,015,086	2,448,296	1,384,203	1,464,219	2,022,480	1,325,153	2,025,710	602,893	1,912,096	1,962,999
Palo Verde	121,866,914	7,785,839	6,813,512	8,393,412	9,464,392	8,933,589	10,465,548	11,704,550	10,806,508	13,257,495	11,808,232	9,962,717	12,471,120
SP15	-	-	-	-	-	-	-	-	-	-	-	-	-
Trapped Energy	-	-	-	-	-	-	-	-	-	-	-	-	-
Total System Balancing Sales	338,059,136	23,687,564	30,151,325	30,194,977	33,782,537	32,470,812	38,419,956	31,016,068	29,678,025	29,122,765	21,512,735	16,823,880	21,098,503
Total Special Sales For Resale	470,347,512	33,523,677	39,378,892	38,084,880	46,431,765	45,089,274	51,927,541	44,725,638	42,176,362	41,886,179	30,849,307	25,877,671	30,396,325

UT GRC June 2012 (GOLD)_2010 12 23

PacifiCorp

12 months ended June 2012

07/11-06/12

Purchased Power & Net Interchange

Long Term Firm Purchases

	07/11-06/12	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
APS Supplemental p27875	1,672,578	333,919	2,517	2,435	2,517	2,435	285,485	383,084	405,565	284,576	-	-	-
Blanding Purchase p379174	22,324	2,517	2,517	18,465	2,517	2,435	2,517	2,517	2,354	30,082	-	-	-
BPA Reserve Purchase	271,983	26,631	22,844	18,465	23,753	19,345	15,998	14,937	18,306	22,945	22,945	27,885	30,792
Combine Hills Wind p160595	4,801,261	378,077	375,078	357,443	383,749	427,966	312,326	483,364	326,313	558,698	393,252	365,264	439,732
Deseret Purchase p194277	33,271,664	2,783,766	2,783,766	2,743,611	2,783,766	2,743,611	2,783,766	2,859,983	2,777,475	2,794,666	2,794,666	2,732,778	2,624,473
Douglas PUD Settlement p38185	1,408,941	194,361	119,655	55,740	49,551	47,082	39,278	56,194	40,370	93,050	159,471	262,312	291,876
Gemstate p99489	2,840,300	228,100	238,400	228,100	250,400	283,600	231,100	231,100	228,100	237,100	228,100	228,100	228,100
Georgia-Pacific Camas	6,907,667	570,665	570,665	552,257	570,665	552,257	570,665	599,645	560,957	599,645	580,301	599,645	580,301
Grant County 10 aMW p66274	6,483,114	697,496	726,746	545,910	470,665	404,521	506,873	507,263	425,222	464,583	519,071	587,022	627,744
Hemison Purchase p95663	82,102,006	6,399,437	8,630,861	7,510,330	8,628,769	7,857,364	8,673,738	7,922,781	7,000,636	7,385,884	4,017,218	4,017,218	4,057,770
Hurricane Purchase p393045	145,124	12,094	12,094	12,094	12,094	12,094	12,094	12,094	12,094	12,094	12,094	12,094	12,094
IPP Purchase	25,490,583	2,164,955	2,164,955	2,095,115	2,164,955	2,095,115	2,164,955	2,164,955	1,955,435	2,164,955	2,095,115	2,164,955	2,095,115
Kennebec Generation Incentive	3,650,067	1,376,617	1,402,849	480,347	390,255	-	-	-	-	-	-	-	-
LADWP p491303-4	1,491,780	1,104,590	387,190	-	-	-	-	-	-	-	-	-	-
MagCorp p228846	5,124,780	409,020	409,020	409,020	409,020	409,020	409,020	445,110	445,110	445,110	445,110	445,110	445,110
MagCorp Reserves p510378	1,020,000	510,000	510,000	-	-	-	-	-	-	-	-	-	-
Morgan Stanley p272153-6-8	1,080,000	540,000	540,000	-	-	-	-	-	-	-	-	-	-
Morgan Stanley p272154-7	5,232,600	416,500	416,500	416,500	416,500	416,500	416,500	455,600	455,600	455,600	455,600	455,600	455,600
Nucor p346856	16,193,520	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460	1,349,460
P4 Production p137215/p145258	120,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
PG&E Cove p83984	5,059,015	197,812	239,058	310,515	445,041	605,478	623,408	614,814	502,777	490,687	384,295	367,660	277,470
Rock River Wind p100371	1,275,553	1,275,553	51,588	50,565	62,008	67,171	90,309	84,944	69,272	63,446	57,715	50,603	46,102
Roseburg Forest Products p312292	744,706	50,982	1,617	9,404	1,549	1,970	1,069	624	810	346	1,895	6,389	1,338
Small Purchases east	29,087	2,076	1,617	9,404	1,549	1,970	1,069	624	810	346	1,895	6,389	1,338
Three Buttes Wind p460457	20,655,491	1,054,440	1,080,204	1,422,073	1,786,072	2,006,039	2,405,043	2,306,650	1,654,907	2,349,691	1,692,947	1,714,438	1,182,987
Top of the World Wind p522807	40,387,465	1,930,629	2,085,897	2,260,701	2,894,540	4,235,120	5,561,979	5,294,292	4,136,216	3,807,445	3,097,121	2,664,390	2,419,138
Tri-State Purchase p27057	9,538,270	775,031	802,323	752,912	762,770	791,278	835,151	835,151	817,018	841,480	811,055	748,136	765,965
Wolverine Creek Wind p244520	9,919,054	818,630	788,186	714,643	618,531	809,101	644,587	737,074	601,979	1,158,512	1,114,797	1,086,388	846,626
Long Term Firm Purchases Total	286,938,936	25,613,358	25,701,471	22,307,641	24,486,630	25,146,527	27,945,321	27,371,596	23,795,975	25,644,951	20,242,228	19,895,447	18,787,793
Seasonal Purchased Power	-	-	-	-	-	-	-	-	-	-	-	-	-
Seasonal Purchased Power: Total	-	-	-	-	-	-	-	-	-	-	-	-	-

_UT_GRC June 2012 (GOLD)_2010 12 23

PacifiCorp

12 months ended June 2012

	07/1-06/12	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
Qualifying Facilities													
OF California	4,227,374	153,104	74,693	62,716	59,344	89,409	200,914	409,268	508,007	643,774	739,317	742,835	543,992
OF Idaho	4,666,486	490,869	389,631	345,093	371,438	354,662	334,158	314,567	294,746	356,460	400,195	486,483	530,186
OF Oregon	17,778,401	1,386,113	1,290,157	1,293,410	1,181,845	1,204,854	1,470,699	1,544,021	1,501,441	1,640,901	1,793,693	1,824,271	1,646,996
OF Utah	1,115,140	103,552	96,481	100,344	106,909	104,859	96,103	78,966	80,848	83,797	87,447	88,460	85,374
OF Washington	2,941,337	329,791	317,881	297,854	242,524	207,855	201,352	220,539	209,660	214,574	220,369	246,571	232,366
OF Wyoming	766,024	123,636	123,411	110,495	49,774	15,991	15,355	17,098	16,570	15,560	41,298	117,264	119,573
Biomass p234159 QF	13,689,690	2,303,517	2,303,517	2,237,811	2,303,517	2,303,517	2,303,517	314,433	318,117	314,579	127,371	146,116	156,038
Chevron Wind p499335 QF	2,736,581	119,150	207,843	174,618	275,533	276,191	306,591	41,239	1,703	3,097	2,162	3,074	1,434
DCFP p316701 QF	40,626	1,108	1,784	2,509	10,526	6,975	4,129	2,122	1,703	3,097	2,162	3,074	1,434
Evergreen BioPower p351030 QF	2,831,994	223,577	279,247	276,369	305,360	222,863	150,390	247,372	209,689	229,912	232,347	239,941	214,915
ExxonMobil p255042 QF	14,960,631	2,037,072	2,648,213	1,845,559	2,311,963	2,378,096	3,739,729	2,378,096	2,378,096	2,378,096	2,378,096	2,378,096	2,378,096
Kennebec Refinery QF	958,973	175,701	177,118	142,474	147,556	152,870	163,253	-	-	-	-	-	-
Kemco Smelter QF	3,237,002	647,342	592,731	398,526	449,073	536,666	612,665	-	-	-	-	-	-
Mountain Wind 1 p36721 QF	8,463,375	401,438	544,170	631,396	711,475	830,351	1,112,043	1,197,304	793,911	789,572	588,918	500,215	362,582
Mountain Wind 2 p398449 QF	12,255,243	787,868	848,296	796,541	847,041	1,114,887	1,513,999	1,746,953	1,111,017	1,202,217	802,467	872,009	693,947
Oregon Wind Farm QF	10,573,365	1,204,653	932,567	751,614	765,278	891,213	310,814	629,509	722,021	892,684	1,084,359	1,107,713	1,280,930
Pioneer Wind Park 1 QF	5,695,105	-	-	-	-	-	43,190	1,260,819	1,281,894	1,116,988	777,830	640,872	573,512
Power County North Wind OF p57561	1,904,544	-	-	-	-	-	16,321	394,188	388,720	348,838	291,013	233,012	232,451
Power County South Wind OF p5756	1,717,297	-	-	-	-	-	14,716	355,433	350,502	314,544	262,402	210,104	209,597
SF Phosphates	4,329,368	330,891	342,200	340,854	392,542	340,548	322,798	352,431	349,909	405,585	442,734	296,751	412,126
Spanish Fork Wind 2 p311681 QF	2,744,476	280,865	338,964	273,786	221,312	245,414	268,414	177,251	200,228	171,042	160,811	166,684	239,704
Sunnyside p3997/p5965 QF	26,033,695	2,330,317	2,333,475	2,283,523	1,927,760	2,270,329	2,311,707	2,351,679	2,275,699	2,310,289	1,352,158	1,975,306	2,311,457
Tesoro QF	1,002,749	183,734	185,037	149,383	153,935	158,248	172,412	-	-	-	-	-	-
Threemile Canyon Wind OF p500139	3,786,934	588,691	564,528	522,745	674,652	635,652	800,666	-	-	-	-	-	-
US Magnesium QF	-	-	-	-	-	-	-	-	-	-	-	-	-
Qualifying Facilities Total	148,458,410	14,202,989	14,593,943	13,037,620	13,509,358	14,275,744	16,485,936	11,613,955	10,614,693	10,972,423	9,406,890	9,897,680	9,847,180
Mid-Columbia Contracts													
Canadian Entitlement p60828	-	-	-	-	-	-	-	-	-	-	-	-	-
Chelan - Rocky Reach p60827	1,393,266	348,317	348,317	348,317	348,317	293,838	293,838	293,838	293,838	293,838	293,838	293,838	293,838
Douglas - Wells p60828	3,517,858	289,740	289,740	293,838	293,838	293,838	293,838	293,838	293,838	293,838	293,838	293,838	293,838
Grant Displacement p270294	3,286,330	1,217,430	1,039,239	1,029,661	1,029,661	1,029,661	1,029,661	1,029,661	1,029,661	1,029,661	1,029,661	1,029,661	1,029,661
Grant Reasonable	(8,420,731)	(703,535)	(703,535)	(703,535)	(703,535)	(703,535)	(703,535)	(699,920)	(699,920)	(699,920)	(699,920)	(699,920)	(699,920)
Grant Surplus p256951	1,890,339	170,715	170,715	170,715	170,715	170,715	170,715	144,344	144,344	144,344	144,344	144,344	144,344
Grant - Wanapum p60825	-	-	-	-	-	-	-	-	-	-	-	-	-
Mid-Columbia Contracts Total	1,667,082	1,322,667	1,144,476	1,138,996	1,093,335	(238,981)	(238,981)	(261,738)	(261,738)	(261,738)	(261,738)	(261,738)	(261,738)
Total Long Term Firm Purchases	437,064,428	41,139,014	41,439,891	36,484,257	38,105,322	39,183,290	44,192,275	38,723,813	34,148,930	36,355,635	29,367,380	29,531,388	28,373,234

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PacifiCorp

12 months ended June 2012

	07/11-06/12	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
Storage & Exchange													
APS Exchange p58118/s58119	-	-	-	-	-	-	-	-	-	-	-	-	-
Black Hills CTs p64676	1,476,591	85,749	90,604	203,993	97,825	141,623	217,534	135,555	98,383	100,329	71,369	91,910	141,716
BPA Exchange p64706/p64888	-	-	-	-	-	-	-	-	-	-	-	-	-
BPA FC II Wind p63507	-	-	-	-	-	-	-	-	-	-	-	-	-
BPA FC IV Wind p79207	-	-	-	-	-	-	-	-	-	-	-	-	-
BPA Peaking p59820	9,602,500	4,801,250	4,801,250	-	-	-	-	-	-	-	-	-	-
BPA So. Idaho p64885/p83975/p6470	(8,651)	(23)	(2,127)	-	-	-	-	-	-	-	-	(2,966)	(3,535)
Cowlitz Swift p65787	-	-	-	-	-	-	-	-	-	-	-	-	-
EWEB FC I p63508/p63510	-	-	-	-	-	-	-	-	-	-	-	-	-
PSco Exchange p340325	4,950,000	375,000	375,000	375,000	375,000	375,000	375,000	450,000	450,000	450,000	450,000	450,000	450,000
PSCO FC III p63362/s63361	-	-	-	-	-	-	-	-	-	-	-	-	-
Redding Exchange p66276	-	-	-	-	-	-	-	-	-	-	-	-	-
SCL State Line p105228	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Storage & Exchange	16,020,441	5,261,977	5,264,727	578,993	472,825	516,623	592,534	585,555	548,383	550,329	521,369	538,944	588,181
Short Term Firm Purchases													
COB	-	-	-	-	-	-	-	-	-	-	-	-	-
Four Corners	2,830,400	498,800	452,400	464,000	475,600	464,000	475,600	-	-	-	-	-	-
Mona	-	-	-	-	-	-	-	-	-	-	-	-	-
Palo Verde	5,596,500	-	-	-	-	-	-	953,250	891,750	953,250	922,500	953,250	922,500
STF Electric Swaps	(61,683,848)	(5,960,315)	(5,832,602)	(6,692,490)	(9,961,445)	(9,346,359)	(8,415,405)	(2,307,227)	(2,261,115)	(2,735,021)	(2,777,630)	(2,844,463)	(2,548,779)
STF Index Trades	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Short Term Firm Purchases	(53,256,948)	(5,461,515)	(5,380,202)	(6,228,490)	(9,485,845)	(8,882,359)	(7,939,805)	(1,353,977)	(1,369,365)	(1,781,771)	(1,855,130)	(1,891,213)	(1,627,279)
System Balancing Purchases													
COB	12,655,815	1,376,158	141,002	528,892	195,069	-	-	7,033	51,776	364,304	2,310,606	4,314,601	3,366,375
Four Corners	6,359,361	935,298	518,350	754,544	-	616,314	325,832	1,030,699	65,247	1,353,128	406,334	268,061	85,566
Mid Columbia	117,197,321	16,925,420	11,748,385	6,388,715	3,901,911	1,089,641	1,695,295	5,440,031	4,330,297	12,666,793	18,973,938	18,286,576	15,750,319
Mona	50,684,571	1,735,258	5,655,270	1,821,530	3,442,988	2,585,789	5,925,680	3,794,175	6,652,216	2,735,498	8,541,570	3,834,865	3,859,733
Palo Verde	-	-	-	-	-	-	-	-	-	-	-	-	-
SP15	-	-	-	-	-	-	-	-	-	-	-	-	-
Emergency Purchases	88,050	1,058	-	-	-	-	-	-	-	-	-	86,991	-
Total System Balancing Purchases	186,985,118	20,973,192	18,063,007	9,493,680	7,539,967	4,291,744	7,946,607	10,271,938	11,099,536	17,119,723	30,232,448	26,891,093	23,061,983
Total Purchased Power & Net Inter	586,813,039	61,912,668	59,387,423	40,328,440	36,632,270	35,109,297	44,791,811	48,227,329	44,427,484	52,243,917	58,286,067	55,070,213	50,396,119

