

Rocky Mountain Power
Exhibit RMP__(MGW-4)
Docket No. 16-035-__
Witness: Michael G. Wilding

BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF UTAH

ROCKY MOUNTAIN POWER

Exhibit Accompanying Direct Testimony of Michael G. Wilding

2015 Actual Net Power Cost

November 2016

Exhibit RMP (MGW-4)

2015 Actual Net Power Cost
 As reported in:
 Utah Energy Balancing Account Mechanism
 Workpaper (2.3) - Adjusted Actual Net Power Cost

	Total	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
Special Sales For Resale													
Long Term Firm Sales	\$ 13,832,185	\$ 1,189,243	\$ 1,064,338	\$ 1,064,554	\$ 1,090,886	\$ 1,212,363	\$ 1,214,192	\$ 1,191,108	\$ 1,206,109	\$ 1,170,861	\$ 1,182,434	\$ 1,171,739	\$ 1,075,159
Black Hills	2,169,073	243,484	190,005	185,582	174,337	138,881	(24,780)	149,915	140,500	190,594	216,340	258,122	306,083
BPA Wind	15,340	1,040	1,170	1,300	1,235	1,235	1,365	1,430	1,430	1,300	1,300	1,300	1,235
Hurricane Sale	26,570,488	2,526,408	2,470,568	2,442,788	2,118,108	2,517,328	2,213,043	2,228,795	2,236,375	994,890	2,248,015	2,270,055	2,306,115
LADWP (IPP Layoff)	43,065	336	1,912	1,602	4,749	3,448	5,774	6,395	5,178	4,081	2,967	3,148	3,474
Leaning Juniper Revenue	(4,485,948)	(1,576)	(990,222)	(1,200,196)	(682,971)	(119,712)	(102,781)	(141,166)	(104,105)	(210,730)	(563,152)	(379,798)	(9,539)
SMUD	9,491,990	593,224	562,129	593,131	582,976	587,693	932,914	1,780,719	1,400,832	793,036	593,527	582,996	488,812
UMPA II	47,636,194	4,552,158	3,295,900	3,088,771	3,307,219	4,342,538	4,239,727	5,215,196	4,886,320	2,944,032	3,681,430	3,907,562	4,171,340
Total Long Term Firm Sales	211,282,563	\$ 24,618,101	\$ 25,512,549	\$ 23,898,561	\$ 14,101,858	\$ 7,171,831	\$ 10,121,167	\$ 12,070,632	\$ 15,932,674	\$ 20,885,056	\$ 20,163,723	\$ 15,660,140	\$ 21,148,271
Total Short Term Firm Sales													
Total Secondary Sales													
Total Special Sales For Resale	258,918,757	29,170,259	28,812,449	26,987,332	17,409,077	11,514,369	14,360,894	17,285,828	20,818,994	23,829,088	23,845,153	19,567,702	25,317,611

PURCHASED POWER & NET INTERCHANGE

	Total	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
Long Term Firm Purchases	\$ 1,669,317	\$ 150,254	\$ 188,450	\$ 230,017	\$ 224,728	\$ 99,280	\$ 343,502	\$ 143,946	\$ 164,916	\$ 51,341	\$ 26,847	\$ 41,787	\$ 4,251
APS Supplemental	4,233,142	202,963	298,817	340,652	387,287	325,807	85,222	449,149	440,711	332,871	330,331	448,507	590,816
Combine Hills Wind	31,175,407	2,958,660	2,499,978	2,784,921	2,873,880	2,168,653	2,724,506	2,696,565	2,862,425	2,495,300	2,553,885	2,228,111	2,328,525
Deseret Purchase	2,224,195	199,763	332,592	354,819	201,354	252,783	153,896	142,017	208,889	138,322	111,043	102,694	26,022
Douglas PUD Settlement	1,717,288	-	-	98,158	108,011	161,620	214,814	244,318	217,528	205,813	151,261	127,416	188,350
Eagle Mountain - UAMPS/UMPA	2,556,143	261,000	257,700	261,800	257,700	257,700	257,700	257,700	276,000	257,700	125,600	(20,757)	106,300
Gemstate	4,474,866	593,599	536,996	567,204	581,574	546,283	366,796	430,828	189,068	-	-	-	662,520
Georgia-Pacific Camas	65,178,585	5,602,898	4,565,789	4,640,625	4,638,832	5,815,073	5,917,717	5,700,157	5,895,189	5,924,024	4,891,110	5,653,551	5,933,620
Hermiston Purchase	124,722	13,163	13,982	9,419	8,424	6,669	6,728	11,525	12,812	13,455	10,238	7,371	10,940
Hurricane Purchase	26,570,488	2,526,408	2,470,568	2,442,788	2,118,108	2,517,328	2,213,043	2,226,795	2,236,375	994,890	2,248,015	2,270,055	2,306,115
IPP Purchase	6,564,146	544,790	495,143	535,482	494,763	535,647	537,821	560,280	575,305	555,178	576,778	571,783	581,177
MagCorp Reserves	6,273,000	521,050	521,050	521,050	521,050	521,050	521,050	521,050	521,050	526,150	526,150	526,150	526,150
Nucor	19,806,635	1,666,980	1,716,980	1,666,980	1,666,980	1,666,980	1,666,980	1,666,980	1,666,980	1,666,980	1,666,980	1,666,980	1,419,855
P4 Production	148,515	31,000	31,000	(12,485)	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000	11,000
PGE Cove	4,175,495	457,859	545,470	411,351	326,838	224,051	143,684	223,583	181,676	205,614	375,928	491,276	588,165
Rock River Wind	42,287	3,629	3,419	4,634	3,337	3,012	3,126	3,316	4,655	3,246	3,147	3,292	3,473
Small Purchases east	18,682,592	2,185,451	1,703,297	1,829,865	1,194,093	1,405,511	777,841	970,646	935,478	1,269,628	1,379,207	2,408,378	2,623,197
Small Purchases west	37,624,530	4,572,609	3,761,688	3,623,431	2,361,309	2,776,594	1,595,787	1,572,652	2,168,521	2,530,691	2,837,611	4,648,323	5,175,314
Three Buttes Wind	9,497,794	785,134	740,999	783,623	794,201	794,201	866,794	850,739	850,361	767,789	808,398	735,081	724,095
Top of the World Wind	8,285,296	463,356	771,319	812,597	837,614	535,816	534,826	527,192	582,489	753,324	656,414	776,201	1,034,149
Tri-State Purchase													
Wolverine Creek Wind													
Sub Total Long Term Firm Purchases	251,024,443	23,740,564	21,455,235	21,906,930	19,607,472	20,625,056	18,942,832	19,210,437	20,001,426	18,703,316	19,289,944	22,697,198	24,844,033

Witness: Michael G. Wilding

Seasonal Purchased Power Constellation 2013-2016	\$ 4,567,442	-	-	-	-	1,574,456	1,629,374	1,366,720	(3,108)	-	-	-
Total Seasonal Purchased Power	\$ 4,567,442	\$ -	\$ -	\$ -	\$ -	\$ 1,574,456	\$ 1,629,374	\$ 1,366,720	\$ (3,108)	\$ -	\$ -	\$ -
Qualifying Facilities												
QF California	\$ 4,909,460	\$ 383,591	\$ 613,161	\$ 517,795	\$ 476,699	\$ 365,294	\$ 398,493	\$ 377,268	\$ 374,269	\$ 320,263	\$ 384,798	\$ 528,280
QF Idaho	\$ 5,706,446	\$ 357,620	\$ 412,424	\$ 348,683	\$ 387,802	\$ 587,508	\$ 524,298	\$ 428,242	\$ 613,248	\$ 548,767	\$ 1,866,450	\$ 1,866,450
QF Oregon	\$ 2,232,321	\$ 2,079,866	\$ 2,079,866	\$ 2,083,699	\$ 2,213,376	\$ 1,881,372	\$ 1,773,878	\$ 1,706,265	\$ 1,477,031	\$ 1,543,068	\$ 351,159	\$ 6,129
QF Utah	\$ 2,941,316	\$ 131,059	\$ 130,584	\$ 140,937	\$ 165,716	\$ 173,783	\$ 228,779	\$ 508,167	\$ 82,120	\$ 522,928	\$ 5,723	\$ 6,129
QF Washington	\$ 406,735	\$ 9,938	\$ 8,985	\$ 9,764	\$ 33,277	\$ 73,947	\$ 46,791	\$ 79,243	\$ 12,259	\$ 49,826	\$ 5,723	\$ 6,129
QF Wyoming	\$ 463,986	\$ 36,143	\$ 45,068	\$ 57,107	\$ 32,692	\$ 22,348	\$ 29,432	\$ 28,208	\$ 35,393	\$ 50,693	\$ 68,850	\$ 1,418,943
Biomass One QF	\$ 13,234,356	\$ 1,373,734	\$ 1,369,768	\$ 1,184,980	\$ 1,349,747	\$ 791,338	\$ 754,749	\$ 866,649	\$ 1,349,090	\$ 1,307,232	\$ 62,446	\$ 53,677
Chevron Wind QF	\$ 639,901	\$ 68,667	\$ 77,525	\$ 34,809	\$ 43,208	\$ 22,566	\$ 50,884	\$ 46,809	\$ 39,494	\$ 42,660	\$ 14,402	\$ 351
DCFP QF	\$ 1,791,973	\$ 2,137	\$ 8,355	\$ 4,145	\$ 28,778	\$ 25,651	\$ 27,096	\$ 19,899	\$ 19,899	\$ 14,402	\$ 189,008	\$ 1,019,898
Evergreen BioPower QF	\$ 3,788,267	\$ 278,402	\$ 277,408	\$ 349,688	\$ 326,666	\$ 366,967	\$ 331,609	\$ 372,810	\$ 325,550	\$ 292,338	\$ 589,970	\$ 1,177,080
ExxonMobil QF	\$ 1,721	\$ -	\$ 1,721	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Five Pine Wind QF	\$ 6,311,933	\$ 272,431	\$ 562,688	\$ 589,400	\$ 534,668	\$ 343,886	\$ 452,616	\$ 498,589	\$ 614,933	\$ 549,839	\$ 127,780	\$ 19,873
Footo Creek III Wind QF	\$ 1,372,923	\$ 155,576	\$ 173,807	\$ 192,860	\$ 81,278	\$ 39,352	\$ 93,478	\$ 87,525	\$ 98,430	\$ 93,280	\$ 49,616	\$ 296,423
Kennecott Refinery QF	\$ 401,384	\$ 13,994	\$ -	\$ 15,837	\$ 35,720	\$ 53,989	\$ 47,566	\$ 63,130	\$ 389,990	\$ 361,310	\$ 319,585	\$ 861,141
Kennecott Smelter QF	\$ 2,274,828	\$ -	\$ -	\$ -	\$ -	\$ 276,226	\$ 292,391	\$ 361,310	\$ 389,990	\$ 361,310	\$ 525,245	\$ 1,014,687
Mountain Wind 1 QF	\$ 7,899,282	\$ 1,033,169	\$ 1,034,829	\$ 659,247	\$ 544,887	\$ 312,003	\$ 313,461	\$ 536,636	\$ 558,303	\$ 888,731	\$ 1,301,237	\$ 1,486,418
Mountain Wind 2 QF	\$ 11,908,767	\$ 1,379,222	\$ 1,450,828	\$ 980,912	\$ 819,233	\$ 536,400	\$ 909,758	\$ 921,129	\$ 763,304	\$ 1,301,237	\$ 1,313,212	\$ 2,152,740
North Point Wind QF	\$ 14,356,367	\$ 519,008	\$ 1,184,298	\$ 1,323,953	\$ 1,196,979	\$ 774,537	\$ 1,074,040	\$ 1,280,775	\$ 1,549,529	\$ 1,313,910	\$ 801,592	\$ 1,090,593
Oregon Wind Farm QF	\$ 10,724,359	\$ 336,926	\$ 660,410	\$ 716,205	\$ 990,722	\$ 977,986	\$ 1,306,219	\$ 1,186,496	\$ 903,563	\$ 758,242	\$ 423,918	\$ 511,989
Power County North Wind QF	\$ 3,977,161	\$ 282,500	\$ 438,739	\$ 378,618	\$ 320,887	\$ 190,948	\$ 270,455	\$ 315,233	\$ 356,225	\$ 267,400	\$ 362,575	\$ 476,282
Power County South Wind QF	\$ 3,510,784	\$ 263,079	\$ 393,958	\$ 326,400	\$ 288,821	\$ 147,998	\$ 273,825	\$ 287,400	\$ 321,045	\$ 321,045	\$ 96,834	\$ 63,430
Roseburg Dillard QF	\$ 1,091,841	\$ 42,651	\$ 58,406	\$ 98,187	\$ 101,211	\$ 150,892	\$ 133,429	\$ 75,555	\$ 62,280	\$ 62,280	\$ -	\$ -
SF Phosphates QF	\$ 2,302,612	\$ 189,067	\$ 176,274	\$ 195,826	\$ 154,033	\$ 158,800	\$ 260,499	\$ 276,689	\$ 170,615	\$ 198,191	\$ 200,564	\$ 189,421
Spanish Fork Wind 2 QF	\$ 28,030,957	\$ 2,471,343	\$ 2,217,831	\$ 2,488,705	\$ 1,500,147	\$ 2,448,651	\$ 2,471,509	\$ 2,439,206	\$ 2,061,308	\$ 2,450,904	\$ 2,497,272	\$ 59,196
Sunnyside QF	\$ 881,438	\$ 127,588	\$ 235,993	\$ 121,593	\$ 149,820	\$ 63,726	\$ 8,339	\$ 22,839	\$ 28,423	\$ 57,464	\$ 119,408	\$ 121,424
Tesoro QF	\$ 1,453,247	\$ 40,815	\$ 86,923	\$ 97,560	\$ 131,379	\$ 150,078	\$ 150,351	\$ 182,010	\$ 102,817	\$ 119,408	\$ -	\$ -
Threemile Canyon Wind QF	\$ 29,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
US Magnesium QF	\$ 235,543	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utah Pavan Solar	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Utah Red Hill Solar	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Qualifying Facilities	\$ 151,581,231	\$ 11,873,392	\$ 13,588,722	\$ 13,075,377	\$ 11,851,374	\$ 10,939,648	\$ 12,423,213	\$ 12,678,884	\$ 12,320,969	\$ 13,560,252	\$ 16,171,552	\$ 208,808
Mid-Columbia Contracts	\$ 3,539,220	\$ 303,338	\$ 303,338	\$ 303,338	\$ 303,338	\$ 303,338	\$ 303,338	\$ 303,338	\$ 303,338	\$ 303,236	\$ 167,305	\$ 167,305
Douglas - Wells	\$ 2,007,659	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305	\$ 167,305
Grant Surplus	\$ (3,891,866)	\$ (411,689)	\$ (411,689)	\$ (513,287)	\$ (513,287)	\$ (411,689)	\$ (411,689)	\$ (411,689)	\$ (411,689)	\$ (411,689)	\$ (411,689)	\$ (411,689)
Grant Reasonable	\$ 1,655,013	\$ 58,954	\$ 58,954	\$ 1,208,954	\$ (42,644)	\$ 58,954	\$ 58,954	\$ 58,954	\$ 58,954	\$ 56,852	\$ 56,852	\$ (35,576)
Total Mid-Columbia Contracts	\$ 404,260,687	\$ 35,672,910	\$ 35,102,911	\$ 36,191,261	\$ 31,416,202	\$ 29,941,434	\$ 31,692,604	\$ 32,739,264	\$ 31,004,050	\$ 36,314,302	\$ 40,980,009	\$ 450,000
Total Long Term Firm Purchases	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Storage & Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
APS Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA FC II Wind	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA FC IV Wind	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
BPA So. Idaho	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cowlitz Swift	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EWEB FC I	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PSCO FC III	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PSCO Exchange	\$ 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
Redding Exchange	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SCL State Line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Storage & Exchange	\$ 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
Total Short Term Firm Purchases	\$ 153,681,772	\$ 9,341,096	\$ 9,585,253	\$ 9,408,716	\$ 8,056,787	\$ 26,802,916	\$ 37,183,252	\$ 19,332,222	\$ 11,633,739	\$ 12,336,452	\$ 7,586,606	\$ 2,583,051
Total Secondary Purchases	\$ 304,094	\$ 158,739	\$ 28,732	\$ 15,391	\$ 15,958	\$ 9,974	\$ 13,267	\$ 15,702	\$ 10,116	\$ 11,629	\$ 9,219	\$ 9,296
Total Purchased Power & Net Interchange	\$ 568,213,995	\$ 45,622,745	\$ 45,164,895	\$ 46,065,368	\$ 39,938,947	\$ 31,827,729	\$ 54,166,562	\$ 44,464,625	\$ 44,462,737	\$ 44,360,126	\$ 44,022,356	\$ 44,022,356

Check

NET SYSTEM LOAD	59,106,356	5,216,791	4,413,770	4,719,954	4,564,264	4,640,985	5,319,907	5,494,039	5,350,899	4,707,457	4,575,008	4,844,669	5,258,614
Special Sales For Resale													
Long Term Firm Sales	318,240	29,229	22,879	22,890	24,188	29,130	29,146	28,015	28,750	27,023	27,590	27,066	22,334
Black Hills	31,168	3,310	2,583	2,523	2,370	1,888	1,344	2,038	1,910	2,591	2,941	3,509	4,161
BPA Wind	236	16	18	20	19	19	21	22	22	20	20	20	19
Hurricane Sale	569,850	52,824	47,668	47,031	23,128	52,370	48,210	48,497	48,976	49,183	49,558	49,942	52,463
LADWP (IPP Layoff)	(218,998)	(75)	(47,131)	(57,125)	(31,555)	(11,181)	(4,892)	(6,719)	(4,955)	(10,030)	(26,804)	(18,077)	(454)
SMUD	219,570	13,935	12,597	13,931	13,494	13,697	21,597	41,850	32,922	18,360	13,948	13,504	9,735
UMPA II													
Total Long Term Firm Sales	920,066	99,239	38,614	29,270	31,644	85,923	95,426	113,703	107,625	87,147	67,253	75,964	88,258
Total Short Term Firm Sales	7,619,541	722,529	818,383	772,361	618,986	326,507	364,010	445,491	555,652	734,320	736,142	621,299	903,862
Total Secondary Sales	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Special Sales For Resale	8,539,607	821,768	856,997	801,631	650,630	412,430	459,436	559,194	663,277	821,467	803,395	697,263	992,120
Total Requirements	67,645,964	6,038,559	5,270,767	5,521,585	5,214,893	5,053,415	5,779,343	6,053,232	6,014,176	5,528,924	5,378,402	5,541,932	6,250,735

	(219)	(229)	(139)	(120)	(144)	(197)	(204)	(286)	(51,934)	(112,827)	(109,061)	(204)	(286)	(204)	(197)	(144)	(120)	(139)	(229)	(219)
Coal Generation																				
Carbon	392,328	120,044	109,061	112,827	51,934	230,835	266,859	230,835	266,859	112,827	109,061	266,859	230,835	266,859	261,395	218,621	230,973	223,379	93,733	(219)
Cholla	2,499,474	213,880	115,263	192,991	211,502	89,592	104,750	89,592	104,750	192,991	115,263	104,750	89,592	104,750	101,739	103,314	103,480	107,681	99,563	240,043
Colstrip	1,192,557	107,036	85,062	99,844	85,062	89,592	96,126	89,592	96,126	99,844	85,062	96,126	89,592	96,126	101,739	106,171	71,374	62,677	77,995	96,815
Craig	1,068,985	89,789	82,115	103,128	105,348	369,823	428,447	369,823	428,447	103,128	82,115	428,447	369,823	428,447	402,671	473,567	432,999	461,525	454,561	77,245
Dave Johnston	5,140,970	440,574	419,434	423,670	364,889	38,845	38,845	38,845	38,845	423,670	419,434	38,845	38,845	38,845	38,667	54,915	50,842	57,361	55,072	468,810
Hayden	554,930	54,410	46,220	43,164	23,609	682,801	708,797	682,801	708,797	43,164	46,220	708,797	682,801	708,797	693,067	704,318	753,202	711,535	702,933	45,129
Hunter	8,335,613	742,117	651,342	579,371	652,122	549,873	549,873	549,873	549,873	579,371	651,342	549,873	549,873	549,873	491,886	578,289	457,537	262,719	313,395	754,008
Huntington	5,988,318	596,440	517,572	618,966	835,050	794,264	794,264	794,264	794,264	618,966	517,572	794,264	794,264	794,264	950,804	826,315	745,187	669,893	657,702	572,311
Jim Bridger	9,195,773	692,956	618,966	811,872	835,050	344,196	344,196	344,196	344,196	811,872	618,966	344,196	344,196	344,196	431,938	455,162	427,244	448,200	406,527	733,193
Naughton	4,899,321	447,548	396,558	426,605	286,968	190,085	190,085	190,085	190,085	426,605	396,558	190,085	190,085	190,085	152,373	177,248	177,248	159,313	159,995	446,540
Wyodak	2,032,298	152,613	124,630	184,648	178,253	3,994,230	3,994,230	3,994,230	3,994,230	184,648	124,630	3,994,230	3,994,230	3,994,230	3,627,111	3,715,991	3,449,966	3,164,144	3,021,087	179,424
Total Coal Generation	41,300,567	3,657,407	3,166,223	3,540,027	3,333,229	33,994,230	33,994,230	33,994,230	33,994,230	3,540,027	3,166,223	33,994,230	33,994,230	33,994,230	33,627,111	37,159,991	34,499,966	31,641,144	30,210,087	3,613,299
Gas Generation																				
Chehalis	1,092,993	75,839	(1,220)	7,849	20,072	(153)	113,039	(153)	113,039	7,849	(1,220)	113,039	(153)	113,039	231,044	100,045	150,786	201,750	111,902	82,040
Current Creek	2,257,106	206,170	122,578	184,383	168,639	183,136	164,123	183,136	164,123	184,383	122,578	164,123	183,136	164,123	182,143	203,662	179,034	213,292	245,325	204,621
Gadsby	88,928	(452)	(349)	(374)	(132)	(279)	16,135	(279)	16,135	(374)	(349)	16,135	(279)	16,135	30,783	28,629	16,010	(538)	(432)	(73)
Gadsby, CT	34,867	1,154	1,421	2,370	3,568	1,423	2,077	1,423	2,077	2,370	1,421	2,077	1,423	3,568	3,304	5,923	3,276	5,416	3,427	1,508
Hermiston	1,202,753	98,795	51,424	59,540	61,200	114,978	122,228	114,978	122,228	59,540	51,424	122,228	114,978	122,228	106,974	115,981	132,458	80,459	121,306	137,410
Lake Side 1	2,272,420	180,636	239,964	51,814	84,241	186,354	237,658	186,354	237,658	51,814	239,964	237,658	186,354	237,658	181,159	220,274	200,926	222,738	229,144	237,512
Lake Side 2	2,276,854	129,603	77,795	186,783	250,372	236,468	216,979	236,468	216,979	186,783	77,795	216,979	236,468	216,979	260,731	264,005	224,542	94,862	119,138	215,576
Total Gas Generation	9,225,921	691,745	491,613	492,365	587,960	721,927	872,239	721,927	872,239	492,365	491,613	872,239	721,927	872,239	996,138	938,519	907,032	817,979	829,810	878,594
Hydro Generation																				
West Hydro	2,673,647	418,402	328,369	235,179	228,207	173,327	170,817	173,327	170,817	235,179	328,369	170,817	173,327	170,817	136,630	92,752	86,238	111,791	276,884	415,051
East Hydro	238,592	11,222	16,116	14,146	14,288	35,302	34,550	35,302	34,550	14,146	16,116	34,550	35,302	40,320	33,100	18,954	18,954	5,035	8,330	7,229
Total Hydro Generation	2,912,239	429,624	344,485	249,325	242,495	208,629	205,367	208,629	205,367	249,325	344,485	205,367	208,629	205,367	176,950	125,852	105,192	116,826	285,214	422,280
Other Generation																				
Blundell	259,703	23,659	19,809	21,268	15,455	21,324	21,829	21,324	21,829	21,268	19,809	21,829	21,324	23,165	22,705	22,992	22,992	24,125	20,575	22,797
Black Cap Solar	8,934	409	474	780	944	960	1,196	960	1,196	780	474	1,196	960	1,112	1,042	802	802	638	398	179
Dunlap I Wind	339,706	45,539	37,412	31,759	24,171	18,954	13,171	18,954	13,171	31,759	37,412	13,171	18,954	18,311	14,876	21,227	21,227	24,119	42,136	48,031
Footo Creek I Wind	81,453	8,647	6,748	6,591	6,191	4,934	3,511	4,934	3,511	6,591	6,748	3,511	4,934	5,326	4,991	6,770	6,770	7,683	9,167	10,894
Glenrock Wind	289,386	34,741	25,047	28,369	18,187	21,949	11,925	21,949	11,925	28,369	25,047	11,925	21,949	17,509	15,875	20,843	20,843	19,918	34,852	40,171
Glenrock III Wind	108,844	12,797	10,063	10,931	6,938	7,859	4,546	7,859	4,546	10,931	10,063	4,546	7,859	6,234	5,820	7,282	7,282	7,363	13,476	15,535
Goodnoe Wind	186,746	8,081	10,708	9,827	15,167	15,915	17,223	15,915	17,223	9,827	10,708	17,223	15,915	22,297	21,842	15,602	15,602	14,586	17,187	18,311
High Plains Wind	250,864	26,703	28,532	26,626	17,347	16,457	10,992	16,457	10,992	26,626	28,532	10,992	16,457	14,629	12,617	18,260	18,260	21,942	22,135	34,624
Leaning Juniper 1	188,567	5,761	11,963	12,340	17,427	20,319	18,065	20,319	18,065	12,340	11,963	18,065	20,319	23,593	21,086	15,756	15,756	12,426	14,149	15,682
Marengo I Wind	298,777	17,346	23,400	26,112	29,460	16,216	19,747	16,216	19,747	26,112	23,400	19,747	16,216	27,646	23,933	20,671	20,671	26,089	27,709	40,448
Marengo II Wind	137,842	6,231	10,920	12,168	13,982	7,486	9,002	7,486	9,002	12,168	10,920	9,002	7,486	13,031	12,132	7,815	7,815	11,487	13,144	20,444
McFadden Ridge Wind	78,271	7,584	8,964	8,301	6,109	5,085	3,566	5,085	3,566	8,301	8,964	3,566	5,085	4,438	4,845	5,985	5,985	6,739	6,714	9,941
Rolling Hills Wind	261,284	30,879	26,284	26,284	16,486	18,974	10,036	18,974	10,036	26,284	26,284	10,036	18,974	14,368	13,688	18,090	18,090	18,196	32,970	37,678
Seven Mile Wind	296,563	35,422	32,858	26,988	21,559	16,612	12,116	16,612	12,116	26,988	32,858	12,116	16,612	18,473	14,763	19,656	19,656	24,113	36,844	37,159
Seven Mile II Wind	64,063	7,466	7,060	5,772	4,585	3,585	2,586	3,585	2,586	5,772	7,060	2,586	3,585	3,975	3,071	4,417	4,417	5,199	7,840	8,507
Total Other Generation	2,851,003	271,265	257,592	254,116	214,008	196,629	159,511	196,629	159,511	254,116	257,592	159,511	196,629	192,879	192,879	206,168	206,168	224,623	299,296	360,401
Total Resources	67,645,964	6,038,559	5,270,767	5,521,585	5,214,893	5,053,415	5,779,343	5,053,415	5,779,343	5,521,585	5,270,767	5,779,343	5,053,415	5,779,343	6,053,232	6,014,176	5,528,924	5,378,402	5,541,932	6,250,735

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