

EXHIBIT A

AVOIDED COST CALCULATIONS

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Avista Corp. (Washington/Idaho)
Avoided Cost Calculation
 Base Case DSM Programs
 Annual Impact
 2002/03-2031/32

Year	(1)		(2)		(3)		(4)		Number of Years
	Nominal Annual Supply Cost Avoided	Nominal Transportation Cost Avoided	Nominal Cost per Therm	Real Cost per Therm	Nominal Net Present Value Avoided Cost	Real Net Present Value Avoided Cost	Nominal Levelized Cost	Real Levelized Cost	
2002/03	\$0.327	\$0.032	\$0.359	\$0.359	\$0.359	\$0.359	\$0.359	\$0.359	0
2003/04	\$0.360	\$0.033	\$0.393	\$0.383	\$0.722	\$0.722	\$0.375	\$0.371	1
2004/05	\$0.367	\$0.034	\$0.401	\$0.381	\$1.065	\$1.065	\$0.383	\$0.374	2
2005/06	\$0.371	\$0.035	\$0.406	\$0.376	\$1.385	\$1.385	\$0.388	\$0.374	3
2006/07	\$0.379	\$0.036	\$0.415	\$0.374	\$1.687	\$1.687	\$0.393	\$0.374	4
2007/08	\$0.388	\$0.037	\$0.425	\$0.374	\$1.974	\$1.974	\$0.397	\$0.374	5
2008/09	\$0.396	\$0.038	\$0.433	\$0.371	\$2.243	\$2.243	\$0.401	\$0.374	6
2009/10	\$0.402	\$0.039	\$0.441	\$0.368	\$2.497	\$2.497	\$0.405	\$0.373	7
2010/11	\$0.408	\$0.040	\$0.447	\$0.364	\$2.735	\$2.735	\$0.408	\$0.373	8
2011/12	\$0.414	\$0.041	\$0.454	\$0.361	\$2.958	\$2.958	\$0.411	\$0.372	9
2012/13	\$0.421	\$0.042	\$0.462	\$0.358	\$3.168	\$3.168	\$0.414	\$0.371	10
2013/14	\$0.429	\$0.043	\$0.471	\$0.355	\$3.365	\$3.365	\$0.417	\$0.370	11
2014/15	\$0.438	\$0.044	\$0.481	\$0.354	\$3.552	\$3.552	\$0.420	\$0.369	12
2015/16	\$0.448	\$0.045	\$0.493	\$0.353	\$3.728	\$3.728	\$0.423	\$0.368	13
2016/17	\$0.458	\$0.046	\$0.505	\$0.352	\$3.895	\$3.895	\$0.426	\$0.367	14
2017/18	\$0.470	\$0.047	\$0.517	\$0.352	\$4.054	\$4.054	\$0.429	\$0.367	15
2018/19	\$0.483	\$0.049	\$0.532	\$0.353	\$4.204	\$4.204	\$0.432	\$0.366	16
2019/20	\$0.497	\$0.050	\$0.547	\$0.354	\$4.347	\$4.347	\$0.435	\$0.366	17
2020/21	\$0.513	\$0.051	\$0.564	\$0.355	\$4.483	\$4.483	\$0.438	\$0.365	18
2021/22	\$0.529	\$0.053	\$0.582	\$0.357	\$4.612	\$4.612	\$0.441	\$0.365	19
2022/23	\$0.548	\$0.054	\$0.602	\$0.360	\$4.736	\$4.736	\$0.444	\$0.365	20
2023/24	\$0.567	\$0.055	\$0.623	\$0.363	\$4.855	\$4.855	\$0.447	\$0.365	21
2024/25	\$0.588	\$0.057	\$0.645	\$0.367	\$4.968	\$4.968	\$0.451	\$0.365	22
2025/26	\$0.611	\$0.058	\$0.669	\$0.371	\$5.077	\$5.077	\$0.454	\$0.365	23
2026/27	\$0.635	\$0.060	\$0.694	\$0.375	\$5.181	\$5.181	\$0.457	\$0.365	24
2027/28	\$0.659	\$0.061	\$0.720	\$0.379	\$5.281	\$5.281	\$0.460	\$0.366	25
2028/29	\$0.684	\$0.063	\$0.747	\$0.383	\$5.377	\$5.377	\$0.463	\$0.366	26
2029/30	\$0.710	\$0.065	\$0.774	\$0.387	\$5.469	\$5.469	\$0.466	\$0.366	27
2030/31	\$0.737	\$0.066	\$0.803	\$0.391	\$5.557	\$5.557	\$0.470	\$0.367	28
2031/32	\$0.765	\$0.068	\$0.833	\$0.396	\$5.641	\$5.641	\$0.473	\$0.367	29
									30

(1) Assumes firm transportation at 100% annual load factor.
 (2) Real Avoided Cost per Therm formula: Avoided Cost per Therm divided by (1 plus Domestic Demand) to the "n"th power.
 (3) Net Present Value formula: NPV(Real Discount Rate,string of values of years analyzed)
 (4) Levelized Rate formula: PMT(Real Discount Rate, Years,NPV)
 Domestic Demand Deflator = 2.6%
 Real Discount Rate = 5.47%
 Nominal Discount Rate = 8.22%

Avista Corp. (Washington/Idaho)
Avoided Cost Calculation
 Base Case DSM Programs
 Winter Impact
 2002/03-2031/32

Year	(1)		(2)		(3)		(4)		(3)		(4)	
	Nominal Winter Supply Cost Avoided	Nominal Transportation Cost Avoided	Nominal Avoided Cost per Therm	Real Avoided Cost per Therm	Nominal Net Present Value Avoided Cost	Real Net Present Value Avoided Cost	Nominal Levelized Cost Avoided Cost	Real Levelized Cost Avoided Cost	Real Net Present Value Avoided Cost	Real Levelized Cost Avoided Cost	Number of Years	
2002/03	\$0.336	\$0.058	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	\$0.394	0	
2003/04	\$0.385	\$0.059	\$0.444	\$0.433	\$0.804	\$0.804	\$0.418	\$0.413	\$0.804	\$0.413	1	
2004/05	\$0.397	\$0.061	\$0.458	\$0.435	\$1.195	\$1.195	\$0.430	\$0.420	\$1.195	\$0.420	2	
2005/06	\$0.401	\$0.062	\$0.463	\$0.429	\$1.561	\$1.561	\$0.438	\$0.422	\$1.561	\$0.422	3	
2006/07	\$0.408	\$0.064	\$0.472	\$0.426	\$1.905	\$1.905	\$0.443	\$0.423	\$1.905	\$0.423	4	
2007/08	\$0.418	\$0.066	\$0.483	\$0.425	\$2.230	\$2.230	\$0.449	\$0.423	\$2.230	\$0.423	5	
2008/09	\$0.426	\$0.067	\$0.494	\$0.423	\$2.538	\$2.538	\$0.454	\$0.423	\$2.538	\$0.423	6	
2009/10	\$0.434	\$0.069	\$0.502	\$0.420	\$2.827	\$2.827	\$0.458	\$0.423	\$2.827	\$0.423	7	
2010/11	\$0.440	\$0.071	\$0.511	\$0.416	\$3.098	\$3.098	\$0.462	\$0.422	\$3.098	\$0.422	8	
2011/12	\$0.446	\$0.073	\$0.519	\$0.412	\$3.353	\$3.353	\$0.466	\$0.421	\$3.353	\$0.421	9	
2012/13	\$0.454	\$0.075	\$0.528	\$0.409	\$3.592	\$3.592	\$0.470	\$0.420	\$3.592	\$0.420	10	
2013/14	\$0.462	\$0.076	\$0.538	\$0.406	\$3.818	\$3.818	\$0.474	\$0.419	\$3.818	\$0.419	11	
2014/15	\$0.471	\$0.078	\$0.550	\$0.404	\$4.031	\$4.031	\$0.477	\$0.418	\$4.031	\$0.418	12	
2015/16	\$0.482	\$0.080	\$0.562	\$0.403	\$4.233	\$4.233	\$0.480	\$0.417	\$4.233	\$0.417	13	
2016/17	\$0.493	\$0.083	\$0.576	\$0.402	\$4.423	\$4.423	\$0.484	\$0.416	\$4.423	\$0.416	14	
2017/18	\$0.506	\$0.085	\$0.590	\$0.402	\$4.604	\$4.604	\$0.487	\$0.415	\$4.604	\$0.415	15	
2018/19	\$0.519	\$0.087	\$0.606	\$0.402	\$4.775	\$4.775	\$0.491	\$0.414	\$4.775	\$0.414	16	
2019/20	\$0.534	\$0.089	\$0.623	\$0.403	\$4.938	\$4.938	\$0.494	\$0.413	\$4.938	\$0.413	17	
2020/21	\$0.551	\$0.091	\$0.642	\$0.405	\$5.093	\$5.093	\$0.498	\$0.412	\$5.093	\$0.412	18	
2021/22	\$0.569	\$0.094	\$0.663	\$0.407	\$5.240	\$5.240	\$0.501	\$0.411	\$5.240	\$0.411	19	
2022/23	\$0.588	\$0.096	\$0.684	\$0.410	\$5.381	\$5.381	\$0.505	\$0.410	\$5.381	\$0.410	20	
2023/24	\$0.609	\$0.099	\$0.708	\$0.413	\$5.516	\$5.516	\$0.508	\$0.409	\$5.516	\$0.409	21	
2024/25	\$0.632	\$0.101	\$0.733	\$0.417	\$5.645	\$5.645	\$0.512	\$0.408	\$5.645	\$0.408	22	
2025/26	\$0.656	\$0.104	\$0.760	\$0.421	\$5.768	\$5.768	\$0.516	\$0.407	\$5.768	\$0.407	23	
2026/27	\$0.681	\$0.107	\$0.788	\$0.425	\$5.887	\$5.887	\$0.519	\$0.406	\$5.887	\$0.406	24	
2027/28	\$0.707	\$0.110	\$0.816	\$0.430	\$6.000	\$6.000	\$0.523	\$0.405	\$6.000	\$0.405	25	
2028/29	\$0.734	\$0.112	\$0.846	\$0.434	\$6.109	\$6.109	\$0.526	\$0.404	\$6.109	\$0.404	26	
2029/30	\$0.762	\$0.115	\$0.877	\$0.438	\$6.212	\$6.212	\$0.530	\$0.403	\$6.212	\$0.403	27	
2030/31	\$0.790	\$0.118	\$0.909	\$0.443	\$6.312	\$6.312	\$0.533	\$0.402	\$6.312	\$0.402	28	
2031/32	\$0.820	\$0.121	\$0.942	\$0.447	\$6.407	\$6.407	\$0.537	\$0.401	\$6.407	\$0.401	29	

(1) Assumes firm transportation at 56% annual load factor.

(2) Real Avoided Cost per Therm formula: Avoided Cost per (151/365)+((365-151)*0.25/365)

(3) Net Present Value formula: NPV(Real Discount Rate,string of values of years analyzed)

(4) Levelized Rate formula: PMT(Real Discount Rate, Years,NPV)

Domestic Demand Deflator = 2.6%

Real Discount Rate = 5.47%

Nominal Discount Rate = 8.22%

Avista Corp. (Oregon)
Avoided Cost Calculation
 Base Case DSM Programs
 Annual Impact
 2002/03-2031/32

Year	Nominal Annual Supply Cost Avoided	(1)		(2)		(3)		(4)		Number of Years
		Nominal Transportation Cost Avoided	Nominal Conservation Cost Adder	Nominal Avoided Cost per Therm	Real Avoided Cost per Therm	Nominal Net Present Value Avoided Cost	Nominal Levelized Cost Avoided Cost	Real Net Present Value Avoided Cost	Real Levelized Cost Avoided Cost	
2002/03	\$0.327	\$0.032	\$0.036	\$0.395	\$0.395	\$0.395	\$0.395	\$0.395	\$0.395	0
2003/04	\$0.360	\$0.033	\$0.039	\$0.432	\$0.421	\$0.794	\$0.421	\$0.794	\$0.408	1
2004/05	\$0.367	\$0.034	\$0.040	\$0.441	\$0.419	\$1.171	\$0.419	\$1.171	\$0.411	2
2005/06	\$0.371	\$0.035	\$0.041	\$0.447	\$0.414	\$1.524	\$0.414	\$1.524	\$0.412	3
2006/07	\$0.379	\$0.036	\$0.041	\$0.456	\$0.412	\$1.856	\$0.412	\$1.856	\$0.412	4
2007/08	\$0.388	\$0.037	\$0.042	\$0.467	\$0.411	\$2.171	\$0.411	\$2.171	\$0.412	5
2008/09	\$0.396	\$0.038	\$0.043	\$0.477	\$0.409	\$2.468	\$0.409	\$2.468	\$0.411	6
2009/10	\$0.402	\$0.039	\$0.044	\$0.485	\$0.405	\$2.747	\$0.405	\$2.747	\$0.411	7
2010/11	\$0.408	\$0.040	\$0.045	\$0.492	\$0.401	\$3.008	\$0.401	\$3.008	\$0.410	8
2011/12	\$0.414	\$0.041	\$0.045	\$0.500	\$0.397	\$3.254	\$0.397	\$3.254	\$0.409	9
2012/13	\$0.421	\$0.042	\$0.046	\$0.509	\$0.394	\$3.485	\$0.394	\$3.485	\$0.408	10
2013/14	\$0.429	\$0.043	\$0.047	\$0.519	\$0.391	\$3.702	\$0.391	\$3.702	\$0.407	11
2014/15	\$0.438	\$0.044	\$0.048	\$0.530	\$0.389	\$3.907	\$0.389	\$3.907	\$0.406	12
2015/16	\$0.448	\$0.045	\$0.049	\$0.542	\$0.388	\$4.101	\$0.388	\$4.101	\$0.405	13
2016/17	\$0.458	\$0.046	\$0.050	\$0.555	\$0.387	\$4.285	\$0.387	\$4.285	\$0.404	14
2017/18	\$0.470	\$0.047	\$0.052	\$0.569	\$0.387	\$4.459	\$0.387	\$4.459	\$0.403	15
2018/19	\$0.483	\$0.049	\$0.053	\$0.585	\$0.388	\$4.624	\$0.388	\$4.624	\$0.403	16
2019/20	\$0.497	\$0.050	\$0.055	\$0.602	\$0.389	\$4.781	\$0.389	\$4.781	\$0.402	17
2020/21	\$0.513	\$0.051	\$0.056	\$0.620	\$0.391	\$4.931	\$0.391	\$4.931	\$0.402	18
2021/22	\$0.529	\$0.053	\$0.058	\$0.640	\$0.393	\$5.074	\$0.393	\$5.074	\$0.402	19
2022/23	\$0.548	\$0.054	\$0.060	\$0.662	\$0.396	\$5.210	\$0.396	\$5.210	\$0.402	20
2023/24	\$0.567	\$0.055	\$0.062	\$0.685	\$0.400	\$5.340	\$0.400	\$5.340	\$0.402	21
2024/25	\$0.588	\$0.057	\$0.065	\$0.710	\$0.404	\$5.465	\$0.404	\$5.465	\$0.402	22
2025/26	\$0.611	\$0.058	\$0.067	\$0.736	\$0.408	\$5.585	\$0.408	\$5.585	\$0.402	23
2026/27	\$0.635	\$0.060	\$0.069	\$0.764	\$0.413	\$5.700	\$0.413	\$5.700	\$0.402	24
2027/28	\$0.659	\$0.061	\$0.072	\$0.792	\$0.417	\$5.809	\$0.417	\$5.809	\$0.402	25
2028/29	\$0.684	\$0.063	\$0.075	\$0.821	\$0.421	\$5.915	\$0.421	\$5.915	\$0.403	26
2029/30	\$0.710	\$0.065	\$0.077	\$0.852	\$0.426	\$6.016	\$0.426	\$6.016	\$0.403	27
2030/31	\$0.737	\$0.066	\$0.080	\$0.883	\$0.430	\$6.112	\$0.430	\$6.112	\$0.403	28
2031/32	\$0.765	\$0.068	\$0.083	\$0.916	\$0.435	\$6.205	\$0.435	\$6.205	\$0.404	29
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(1) Assumes firm transportation at 100% annual load factor.

(2) Present Value formula: Cost per Therm divided by (1 plus Real Discount Rate) to the "n"th power.

(3) Net Present Value formula: NPV(Real Discount Rate, string of values of years analyzed)

(4) Levelized Rate formula: PMT(Real Discount Rate, Years, NPV)

Domestic Demand Deflator = 2.6%

Real Discount Rate = 5.47%

Nominal Discount Rate = 8.22%

Avista Corp. (Oregon)
Avoided Cost Calculation
 Base Case DSM Programs
 Winter Impact
 2002/03-2031/32

Year	(1)		(2)		(3)		(4)		Number of Years
	Nominal Winter Supply Cost Avoided	Nominal Transportation Cost Avoided	Nominal Conservation Cost Adder	Nominal Avoided Cost per Therm	Real Avoided Cost per Therm	Nominal Net Present Value Avoided Cost	Nominal Levelized Cost Avoided Cost	Real Net Present Value Avoided Cost	
2002/03	\$0.336	\$0.058	\$0.039	\$0.433	\$0.433	\$0.433	\$0.433	\$0.433	0
2003/04	\$0.385	\$0.059	\$0.044	\$0.489	\$0.477	\$0.885	\$0.460	\$0.885	1
2004/05	\$0.397	\$0.061	\$0.046	\$0.503	\$0.478	\$1.315	\$0.473	\$1.315	2
2005/06	\$0.401	\$0.062	\$0.046	\$0.510	\$0.472	\$1.717	\$0.481	\$1.717	3
2006/07	\$0.408	\$0.064	\$0.047	\$0.519	\$0.468	\$2.095	\$0.488	\$2.095	4
2007/08	\$0.418	\$0.066	\$0.048	\$0.532	\$0.467	\$2.453	\$0.494	\$2.453	5
2008/09	\$0.426	\$0.067	\$0.049	\$0.543	\$0.465	\$2.791	\$0.499	\$2.791	6
2009/10	\$0.434	\$0.069	\$0.050	\$0.553	\$0.462	\$3.109	\$0.504	\$3.109	7
2010/11	\$0.440	\$0.071	\$0.051	\$0.562	\$0.457	\$3.408	\$0.509	\$3.408	8
2011/12	\$0.446	\$0.073	\$0.052	\$0.571	\$0.453	\$3.688	\$0.513	\$3.688	9
2012/13	\$0.454	\$0.075	\$0.053	\$0.581	\$0.449	\$3.952	\$0.517	\$3.952	10
2013/14	\$0.462	\$0.076	\$0.054	\$0.592	\$0.446	\$4.200	\$0.521	\$4.200	11
2014/15	\$0.471	\$0.078	\$0.055	\$0.605	\$0.444	\$4.434	\$0.525	\$4.434	12
2015/16	\$0.482	\$0.080	\$0.056	\$0.618	\$0.443	\$4.656	\$0.529	\$4.656	13
2016/17	\$0.493	\$0.083	\$0.058	\$0.633	\$0.442	\$4.865	\$0.532	\$4.865	14
2017/18	\$0.506	\$0.085	\$0.059	\$0.649	\$0.442	\$5.064	\$0.536	\$5.064	15
2018/19	\$0.519	\$0.087	\$0.061	\$0.667	\$0.442	\$5.252	\$0.540	\$5.252	16
2019/20	\$0.534	\$0.089	\$0.062	\$0.686	\$0.443	\$5.432	\$0.544	\$5.432	17
2020/21	\$0.551	\$0.091	\$0.064	\$0.706	\$0.445	\$5.602	\$0.548	\$5.602	18
2021/22	\$0.569	\$0.094	\$0.066	\$0.729	\$0.448	\$5.764	\$0.551	\$5.764	19
2022/23	\$0.588	\$0.096	\$0.068	\$0.753	\$0.451	\$5.919	\$0.555	\$5.919	20
2023/24	\$0.609	\$0.099	\$0.071	\$0.779	\$0.454	\$6.068	\$0.559	\$6.068	21
2024/25	\$0.632	\$0.101	\$0.073	\$0.806	\$0.458	\$6.210	\$0.563	\$6.210	22
2025/26	\$0.656	\$0.104	\$0.076	\$0.836	\$0.463	\$6.345	\$0.567	\$6.345	23
2026/27	\$0.681	\$0.107	\$0.079	\$0.866	\$0.468	\$6.475	\$0.571	\$6.475	24
2027/28	\$0.707	\$0.110	\$0.082	\$0.898	\$0.473	\$6.600	\$0.575	\$6.600	25
2028/29	\$0.734	\$0.112	\$0.085	\$0.931	\$0.477	\$6.719	\$0.579	\$6.719	26
2029/30	\$0.762	\$0.115	\$0.088	\$0.964	\$0.482	\$6.834	\$0.583	\$6.834	27
2030/31	\$0.790	\$0.118	\$0.091	\$1.000	\$0.487	\$6.943	\$0.587	\$6.943	28
2031/32	\$0.820	\$0.121	\$0.094	\$1.036	\$0.492	\$7.048	\$0.591	\$7.048	29
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(1) Assumes firm transportation at 56% annual load factor.
 (2) Present Value formula: Cost per Therm divided by $(1 + p)^n$ (15/365)+(365-151)*0.25/365
 (3) Net Present Value formula: NPV(Real Discount Rate, string of values of years analyzed)
 (4) Levelized Rate formula: PMT(Real Discount Rate, Years, NPV)
 Domestic Demand Deflator = 2.6%
 Real Discount Rate = 5.47%
 Nominal Discount Rate = 8.22%

EXHIBIT B

COST AND FLOW SUMMARY

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NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 151357.	Injection Cost 176.584	Transportation Cost 1288.34	FEB 15, 2004
Penalty Cost 0.0000	Withdrawal Cost 9.3247	Other Variable Cost 0.0000	System Served
Other Variable Cost -949.02	Carrying Cost 528.982		System Unserved
	Other Variable Cost 0.0000		System Demand
Total Variable 150408.	Total Variable 714.890	Total Variable 1288.34	Market Served
	Demand Cost 551.740	Demand Cost 42316.7	Market Unserved
Demand/Reservation C 4091.46	Other Fixed Cost 2148.32	Other Fixed Cost 0.0000	Market Demand
Other Fixed Cost 0.0000	Total Fixed 2700.06	Total Fixed 42316.7	Total
Total Fixed 4091.46			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3504.0	
Total Supply Cost 154500.	Total Storage Cost 3414.95	Total Trans Cost 40100.9	System Cost 198016.359
Avg Cost of Served Demand 4.873 \$/DT	Avg Cost of Gas Purchased 3.701 \$/DT		
(System Cost/Served Dem.)	(Supply Cost/LDC Purchase)		

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	5731.959	0.000	5731.959	0.000	5731.959	5731.959	0.000	0.0000	
SLS_CML_OR	3932.657	0.000	3932.657	0.000	3932.657	3932.657	0.000	0.0000	
SLS_FRM_OR	59.754	0.000	59.754	0.000	59.754	59.754	0.000	0.0000	
SLS_INT_OR	525.940	0.000	525.940	0.000	525.940	525.940	0.000	0.0000	
TSP_INT_OR	4111.879	0.000	4111.879	0.000	4111.879	4111.879	0.000	0.0000	
SLS_RES_CA	1499.062	0.000	1499.062	0.000	1499.062	1499.062	0.000	0.0000	
SLS_CML_CA	665.530	0.000	665.530	0.000	665.530	665.530	0.000	0.0000	
TSP_INT_CA	79.359	0.000	79.359	0.000	79.359	79.359	0.000	0.0000	
SLS_RES_WA	16470.287	0.000	16470.287	0.000	16470.287	16470.287	0.000	0.0000	
SLS_CML_WA	10551.545	0.000	10551.545	0.000	10551.545	10551.545	0.000	0.0000	
SLS_FRM_WA	1055.002	0.000	1055.002	0.000	1055.002	1055.002	0.000	0.0000	
SLS_INT_WA	143.343	0.000	143.343	0.000	143.343	143.343	0.000	0.0000	
TSP_FRM_WA	6388.184	0.000	6388.184	0.000	6388.184	6388.184	0.000	0.0000	
TSP_INT_WA	8413.851	0.000	8413.851	0.000	8413.851	8413.851	0.000	0.0000	
Total	59628.351	0.000	59628.351	0.000	59628.351	59628.351	0.000	0.0000	
Enduser				18993.273			0.000	0.0000	
Net Total				40635.078			0.000	0.0000	

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Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6228.000	6228.000	0.000			3.7780	23529.5405	0.0000	23529.5405	3.7780
Hedged US	2291.000	2291.000	0.000			3.8397	8796.7877	0.0000	8796.7877	3.8397
Hedged Sumas	2291.000	2291.000	0.000			4.1693	9551.7955	0.0000	9551.7955	4.1693
A1 index	6740.505	6935.000	194.495			3.5611	23344.0426	679.2215	24023.2641	3.5640
A2 index	3212.520	3212.520	0.000		0.000	3.7454	11743.1132	337.6908	12080.8040	3.7605
A3 index	5694.000	5694.000	0.000			2.9243	16651.2463	3074.5520	19725.7983	3.4643
N_SPOT_SUMAS	212.622	365634.000	365421.378			3.7769	803.0576	0.0000	803.0576	3.7769
N_SPOT_ROCK	9584.980	365634.000	356049.020			3.6467	34953.1775	0.0000	34953.1775	3.6467
P_SPOT_AECO	5469.575	365634.000	360164.425			3.8287	20941.3995	0.0000	20941.3995	3.8287
P_SPOT_KNGGA	23.427	365634.000	365610.573			4.0460	94.7837	0.0000	94.7837	4.0460
BC_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000
SF_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_W	8330.146	8330.146	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	397.313	397.313	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	479.367	479.367	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	1817.513	1817.513	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_GP	605.838	605.838	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	701.955	701.955	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	63.191	63.191	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6388.184	6388.184	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	60531.136					150408.944	4091.4643	154500.408		

Enduser	Total	With Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
LDC Purchase	18783.507	0.000	0	7687.2555	8335.16	647.9123
	41747.629	0.000	0	289.7325	314.854	25.1219
		0.000	0	487.6147	574.400	86.7854
		0.000	0	565.9295	697.763	131.8335
		1.524	-8	290.0331	296.973	6.9407
Total	2993	1.524	-8	9320.5652	10219.1	898.5938

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	2856.000	2822.300	0	33.701	2487	100	0.000	0	7687.2555	8335.16	647.9123
JP_OR	94	100	95.590	94.462	0	1.128	94	100	0.000	0	289.7325	314.854	25.1219
LNG_WA	153	100	113.574	110.000	0	3.574	153	100	0.000	0	487.6147	574.400	86.7854
LNG_OR	172	100	169.502	165.061	0	4.441	172	100	0.000	0	565.9295	697.763	131.8335
LNG_CA	86	100	53.797	50.791	0	11.297	78	90	1.524	-8	290.0331	296.973	6.9407
Total	2993	100	3288.463	3242.614	0	54.141	2985	100	1.524	-8	9320.5652	10219.1	898.5938

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Cost and Flow Summary

Units: MDT

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	18438.080	0.000	18438.080	38502.834	20064.754	15.5136	4608.2632	0.0000	4623.7768	0.2508
ANG_PGT	21650.600	195.267	21455.333	40369.617	18719.017	146.1511	2263.4208	0.0000	2409.5719	0.1113
PGT_IT_WA	0.000	0.000	0.000	21744.000	21744.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_T1_WA	1497.584	7.623	1489.961	7606.212	6108.628	5.8406	382.3057	0.0000	388.1463	0.2592
PGT_T1X_WA	6751.484	34.365	6717.119	9150.000	2398.516	24.9144	635.9500	0.0000	660.8644	0.0979
PGT_T3_WA	12507.094	63.661	12443.433	15522.609	3015.515	46.1188	1381.7990	0.0000	1427.9178	0.1142
PGT_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_STARR_WA	2129.940	0.000	2129.940	365634.000	363504.060	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TOT_WWP	18520.573	0.000	18520.573	32281.557	13760.984	139.9646	0.0000	0.0000	139.9646	0.0076
NWP_SF_TFLWA	22.453	0.335	22.119	3660.000	3637.547	0.7903	0.0000	0.0000	0.7903	0.0352
NWP_ST_TFLWA	2129.940	31.736	2098.204	23560.518	21430.578	74.9714	0.0000	0.0000	74.9714	0.0352
NWP_US_TFLWA	7815.012	116.444	7698.568	13787.952	5972.940	275.0302	0.0000	0.0000	275.0302	0.0352
NWP_BC_TFLWA	68.523	1.021	67.502	9427.794	9359.271	2.4120	0.0000	0.0000	2.4120	0.0352
NWPTF1_WWP	6916.819	0.000	6916.819	32418.084	25501.265	50.5986	14759.3858	0.0000	14809.9844	2.1412
NWP_WWP	1233.551	0.000	1233.551	365634.000	364400.449	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF2_WWP	2426.270	36.151	2390.119	2426.270	0.0000	83.4925	736.5288	0.0000	820.0213	0.3380
JPSUMAS_WWP	373.576	5.566	368.010	11124.204	10756.194	13.8372	0.0000	0.0000	13.8372	0.0370
JP_STFLD_WA	22.453	0.000	22.453	365634.000	365611.547	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	110.000	1.639	108.361	8052.000	7942.000	3.8390	46.5386	0.0000	50.3776	0.4580
NWP_BC_TFLOR	1527.510	22.760	1504.750	4947.222	3419.712	53.7580	0.0000	0.0000	53.7580	0.0352
NWP_US_TFLOR	2681.749	39.958	2641.791	2837.964	156.215	94.3735	0.0000	0.0000	94.3735	0.0352
NWP_SF_TFLOR	356.414	5.311	351.103	3660.000	3303.586	12.5458	0.0000	0.0000	12.5458	0.0352
NWPTF1_TOTOR	4660.246	0.000	4660.246	19294.422	14634.176	0.0000	5067.2783	0.0000	5067.2783	1.0873
NWP_KLF_OR	502.355	7.485	494.870	4187.040	3684.685	20.9228	0.0000	0.0000	20.9228	0.0416
NWP_ROS_OR	934.369	0.000	934.369	4960.398	4026.029	6.8418	0.0000	0.0000	6.8418	0.0073
NWP_GP_OR	1582.593	0.000	1582.593	365268.000	363685.407	11.5344	0.0000	0.0000	11.5344	0.0073
NWP_ROSGP_OR	2516.962	0.000	2516.962	10108.920	7591.958	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	155.979	0.000	155.979	365634.000	365478.021	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	926.677	0.000	926.677	3154.920	2228.243	6.7234	0.0000	0.0000	6.7234	0.0073
NWPTOT_LG_OR	1044.570	0.000	1044.570	3330.600	2286.030	7.6219	0.0000	0.0000	7.6219	0.0073
PGTWP_SF_OR	356.414	0.000	356.414	365634.000	365277.586	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_IT_OR	14.408	0.406	14.002	18534.972	18520.564	4.0601	0.0000	0.0000	4.0601	0.2818
PGT_T1_OR	118.002	3.323	114.679	2613.240	2495.238	1.2862	475.9096	0.0000	477.1958	4.0440
PGT_T1X_OR	5077.379	142.989	4934.389	7671.000	2593.621	53.6435	1924.7010	0.0000	1978.3445	0.3896
PGT_T3_OR	1206.809	33.986	1172.822	1211.460	4.651	12.5921	388.6297	0.0000	401.2218	0.3325
PGT_NWPKF	502.355	0.000	502.355	365634.000	365131.645	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	5377.124	0.000	5377.124	11644.400	6267.276	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1253.260	0.000	1253.260	1668.960	415.700	3.2448	124.4358	0.0000	127.6806	0.1019
PGT_MEDOR	4123.864	0.000	4123.864	11132.000	7008.136	9.0247	6445.5700	0.0000	6454.5947	1.5652
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.0000	1.9020	28.6988	0.0000	30.6008	0.3239

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Units: MDT Average
LNGTF2_TF1OR	165.061	2.459	162.602	365634.000	365468.939	2.6725	52.3005	0.0000	54.9730	0.3330
NWP_US_TF1CA	1379.219	20.550	1358.669	1748.382	369.163	58.7010	0.0000	0.0000	58.7010	0.0426
NWP_BC_TF1CA	907.589	13.523	894.066	2414.136	1506.547	38.2525	0.0000	0.0000	38.2525	0.0421
NWP_TF1_CA	2252.735	0.000	2252.735	4073.336	1820.601	0.0000	1233.2148	0.0000	1233.2148	0.5474
PAIUTE_SLTCA	2248.206	67.446	2180.760	4947.402	2699.196	5.1709	1761.7869	0.0000	1766.9578	0.7859
LNG_PAIUTECA	49.268	0.000	49.268	365634.000	365584.732	0.0000	0.0000	0.0000	0.0000	0.0000
Total		855.412				1288.3458	42316.7174		43605.0632	0.3015

Transportation Summary

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 192837.	Injection Cost 222.300	Transportation Cost 1859.78	FEB 15, 2008
Penalty Cost 0.0000	Withdrawal Cost 11.7311	Other Variable Cost 0.0000	System Served 423.256
Other Variable Cost -289.12	Carrying Cost 560.921		System Unserved 8.434
	Other Variable Cost 0.0000		System Demand 431.691
Total Variable 192548.	Total Variable 794.953	Total Variable 1859.78	Market Served 0.000
	Demand Cost 623.419	Demand Cost 48291.0	Market Unserved 0.000
Demand/Reservation C 397.029	Other Fixed Cost 2333.78	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 2957.20	Total Fixed 48291.0	Total 431.691
Total Fixed 397.029			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3404.6	
Total Supply Cost 192945.	Total Storage Cost 3752.16	Total Trans Cost 46746.1	

Avg Cost of Served Demand 5.281 \$/DT Avg Cost of Gas Purchased 4.062 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary After Unb.	Units: MDT	
						Supplied	Unsupplied Cost (K\$)
SLS_RES_OR	6711.455	0.000	6711.455	6711.455	0.000	0.0000	0.0000
SLS_CML_OR	4483.485	0.000	4483.485	4483.485	0.000	0.0000	0.0000
SLS_FRM_OR	64.679	0.000	64.679	64.679	0.000	0.0000	0.0000
SLS_INT_OR	592.516	0.000	592.516	592.516	0.000	0.0000	0.0000
TSP_INT_OR	4536.746	0.000	4536.746	4536.746	0.000	0.0000	0.0000
SLS_RES_CA	1535.882	0.000	1535.882	1535.882	0.000	0.0000	0.0000
SLS_CML_CA	684.919	0.000	684.919	684.919	0.000	0.0000	0.0000
TSP_INT_CA	82.711	0.000	82.711	82.711	0.000	0.0000	0.0000
SLS_RES_WA	19134.138	0.000	19134.138	19123.956	10.182	509.1190	0.0000
SLS_CML_WA	11693.880	0.000	11693.880	11693.880	0.000	0.0000	0.0000
SLS_FRM_WA	1058.374	0.000	1058.374	1058.374	0.000	0.0000	0.0000
SLS_INT_WA	147.711	0.000	147.711	147.711	0.000	0.0000	0.0000
TSP_FRM_WA	6478.132	0.000	6478.132	6478.132	0.000	0.0000	0.0000
TSP_INT_WA	8765.127	0.000	8765.127	8765.127	0.000	0.0000	0.0000
Total	65969.756	0.000	65969.756	65969.756	10.182	509.1190	509.1190
Enduser			19862.717		10.182		509.1190
Net Total			46096.856		10.182		509.1190

NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6228.000	6228.000	0.000			4.0875	25457.2088	0.0000	25457.2088	4.0875
Hedged US	2291.000	2291.000	0.000			4.2372	9707.3258	0.0000	9707.3258	4.2372
Hedged Sumas	2291.000	2291.000	0.000			4.4285	10145.6236	0.0000	10145.6236	4.4285
A2 index	3212.520	3212.520	0.000		0.000	4.0837	12829.6805	397.0294	13226.7099	4.1172
N_SPOT_SUMAS	1383.227	365634.000	364250.773			4.7046	6507.5260	0.0000	6507.5260	4.7046
N_SPOT_ROCK	6346.271	365634.000	359287.729			4.1686	26455.1316	0.0000	26455.1316	4.1686
P_SPOT_AECO	24080.569	365634.000	341553.431			3.8922	93726.7229	0.0000	93726.7229	3.8922
P_SPOT_KNGGA	1672.700	365634.000	363961.300			4.6149	7719.3645	0.0000	7719.3645	4.6149
TSP_INT_W	8676.488	8676.488	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	412.855	412.855	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	527.083	527.083	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2032.359	2032.359	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	677.453	677.453	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	765.539	765.539	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	66.008	66.008	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6478.132	6478.132	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	67141.202						192548.583	397.0294	192945.613	

Enduser 19635.916
 LDC Purchase 47505.286

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
Storage	2487	100	3214.414	3176.484	0	37.930	2487	100	0.000	0	9140.7457	9365.75	225.0132
JP_WA	94	100	95.590	94.462	0	1.128	94	100	0.000	0	342.7887	351.233	8.4452
JP_OR	153	100	158.967	153.315	0	5.652	153	100	0.000	0	663.2293	678.180	14.9517
LANG_WA	172	100	177.038	172.400	0	4.638	172	100	0.000	0	770.5602	790.393	19.8334
LANG_OR	74	86	92.298	61.074	0	19.383	86	100	1.832	12	341.0349	403.745	62.7107
LANG_CA													
Total	2981	100	3738.308	3657.736	0	68.731	2993	100	1.832	12	11258.358	11589.3	330.9540

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rev Revenue	Total Cost	Average Tot Cost
NOVA_ANG	30308.569	0.000	30308.569	38502.834	8194.265	19.8931	5206.8561	0.0000	5226.7492	0.1725
ANG_PGT	33521.089	302.327	33218.762	40369.617	6848.528	257.1837	2557.3827	0.0000	2814.5664	0.0840
PET_IT_WA	135.202	0.688	134.514	21744.000	21608.798	44.4003	0.0000	0.0000	44.4003	0.3284
PGT_TL_WA	3844.868	19.570	3825.297	7606.212	3761.344	16.9151	431.9580	0.0000	448.8732	0.1167

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on Interruptible usage, expected demand

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
PJT_T1X_WA	8391.543	42.713	8348.830	9150.000	758.457	35.0945	718.5725	0.0000	753.6670	0.0898
PJT_T3_WA	14205.990	72.308	14133.681	15522.609	1316.619	59.3362	1561.3137	0.0000	1620.6500	0.1141
PJT_SF1LD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_STARR_WA	6241.931	0.000	6241.931	365634.000	359392.069	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_TOT_WWP	20200.391	0.000	20200.391	32281.557	12081.166	172.6975	0.0000	0.0000	172.6975	0.0085
NWP_SF_TFIWA	28.066	0.418	27.648	3660.000	3631.934	1.1170	0.0000	0.0000	1.1170	0.0398
NWP_SF_TFIWA	6241.931	93.005	6148.926	23560.518	17318.587	248.3759	0.0000	0.0000	248.3759	0.0398
NWP_US_TFIWA	4491.866	66.929	4424.938	13787.952	9296.086	178.7585	0.0000	0.0000	178.7585	0.0398
NWP_BC_TFIWA	1453.153	21.652	1431.501	9427.794	7974.641	57.8355	0.0000	0.0000	57.8355	0.0398
NWPTFI_WWP	8659.632	0.000	8659.632	32418.084	23758.452	71.8642	16676.3203	0.0000	16748.1845	1.9341
NWP_WWP	2213.299	0.000	2213.299	365634.000	363420.701	0.0000	0.0000	0.0000	0.0000	0.0000
JPTFI_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF2_WWP	1411.356	21.029	1390.327	2426.270	1014.914	55.2573	832.1884	0.0000	887.4458	0.6288
JPSUMAS_WWP	1737.062	25.882	1711.180	11124.204	9413.024	64.3404	0.0000	0.0000	64.3404	0.0370
JP_SF1LD_WA	28.066	0.000	28.066	365634.000	365605.934	0.0000	0.0000	0.0000	0.0000	0.0000
LANGF2_WWP	153.315	2.284	151.031	8052.000	7898.685	6.0406	52.5830	0.0000	58.6236	0.3824
NWP_BC_TFIOR	1265.446	18.855	1246.590	5313.222	4047.776	50.3589	0.0000	0.0000	50.3589	0.0398
NWP_US_TFIOR	2725.881	40.616	2685.265	2837.964	112.083	108.4662	0.0000	0.0000	108.4662	0.0398
NWP_SF_TFIOR	1140.247	16.990	1123.258	3660.000	2519.753	45.3749	0.0000	0.0000	45.3749	0.0398
NWPTFI_TOTOR	5224.945	0.000	5224.945	19660.422	14435.477	0.0000	5725.4114	0.0000	5725.4114	1.0958
NWP_KLF_OR	755.423	11.256	744.167	4919.040	4163.617	35.6696	0.0000	0.0000	35.6696	0.0472
NWP_ROS_OR	1164.595	0.000	1164.595	4960.398	3795.803	9.6247	0.0000	0.0000	9.6247	0.0083
NWP_GP_OR	1757.157	0.000	1757.157	365634.000	363876.843	14.5424	0.0000	0.0000	14.5424	0.0083
NWP_ROSGP_OR	2921.752	0.000	2921.752	10474.920	7553.168	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	89.757	0.000	89.757	365634.000	365544.243	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	975.456	0.000	975.456	3154.920	2179.464	8.0824	0.0000	0.0000	8.0824	0.0083
NWPTOT_LG_OR	1148.163	0.000	1148.163	3330.600	2182.437	9.5094	0.0000	0.0000	9.5094	0.0083
PJT_WWP_SF_OR	1140.247	0.000	1140.247	365634.000	364493.753	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_T1_OR	159.366	4.488	154.878	18534.972	18375.606	50.7423	0.0000	0.0000	50.7423	0.3184
PJT_T3_OR	667.577	18.800	648.777	2613.240	1945.663	8.2051	537.7191	0.0000	545.9242	0.8178
PJT_T1X_OR	6275.457	176.729	6098.727	7671.000	1395.543	75.0807	2174.6997	0.0000	2249.7804	0.3585
PJT_T3_OR	1211.460	34.117	1177.343	1211.460	0.000	14.2356	439.1066	0.0000	453.3422	0.3742
PJT_NWPKF	755.423	0.000	755.423	365634.000	364878.577	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_KLFMEDOR	6184.055	0.000	6184.055	12372.400	6188.345	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_KLFOR	1271.612	0.000	1271.612	1668.960	397.348	3.5605	140.5988	0.0000	144.1593	0.1134
PJT_MEDOR	4912.443	0.000	4912.443	11860.000	6947.557	12.1659	7760.8000	0.0000	7772.9659	1.5823
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	1.9277	32.4262	0.0000	34.3538	0.3637
LANGF2_TFIOR	172.400	2.569	169.831	365634.000	365461.600	3.1821	59.0933	0.0000	62.2754	0.3612
NWP_US_TFICA	1419.523	21.151	1398.372	1748.382	328.859	68.3744	0.0000	0.0000	68.3744	0.0482
NWP_BC_TFICA	955.628	14.239	941.389	2414.136	1458.508	45.3602	0.0000	0.0000	45.3602	0.0475
NWP_TFI_CA	2339.762	0.000	2339.762	4073.336	1733.574	0.0000	1393.3835	0.0000	1393.3835	0.5955
PAIUTE_SLTCA	2306.706	69.201	2237.505	4947.402	2640.696	6.2129	1990.6173	0.0000	1996.6173	0.8657

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Segment (cont)		Transportation Summary							Units: MDT	
LNG_PAIUTECA	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
	59.242	0.000	59.242	365634.000	365574.758	0.0000	0.0000	0.0000	0.0000	0.0000
Total		1099.225				1859.7859	48291.0305		50150.8164	0.2607

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 240544.	Injection Cost 244.901	Transportation Cost 3077.53	FEB 15, 2013
Penalty Cost 0.0000	Withdrawal Cost 12.8862	Other Variable Cost 0.0000	System Served 439.809
Other Variable Cost 0.0000	Carrying Cost 639.673		System Unserved 54.006
	Other Variable Cost 0.0000		System Demand 493.816
Total Variable 240644.	Total Variable 897.460	Total Variable 3077.53	Market Served 0.000
	Demand Cost 726.182	Demand Cost 56254.7	Market Unserved 0.000
	Other Fixed Cost 2600.07	Other Fixed Cost 0.0000	Market Demand 0.000
Total Fixed 0.0000	Total Fixed 3326.25	Total Fixed 56254.7	Total 493.816
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3196.0	System Cost 301004.722
Total Supply Cost 240644.	Total Storage Cost 4223.71	Total Trans Cost 56136.2	Unsup. Demand Cost 5343.5021
			Grand Total 306348.225

Avg Cost of Served Demand 5.733 \$/DT
 Avg Cost of Gas Purchased 4.451 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	7872.158	0.000	7872.158	0.000	7872.158	7864.489	7.668	383.4062	
SLS_CML_OR	4966.752	0.000	4966.752	0.000	4966.752	4966.165	0.587	30.5701	
SLS_FRM_OR	71.411	0.000	71.411	0.000	71.411	71.411	0.000	0.0000	
SLS_INT_OR	687.629	0.000	687.629	0.000	687.629	687.629	0.000	0.0000	
TSP_INT_OR	5130.677	0.000	5130.677	0.000	5130.677	5130.677	0.000	0.0000	
SLS_RES_CA	1573.497	0.000	1573.497	0.000	1573.497	1573.497	0.000	0.0000	
SLS_CML_CA	706.698	0.000	706.698	0.000	706.698	706.698	0.000	0.0000	
TSP_INT_CA	86.691	0.000	86.691	0.000	86.691	86.691	0.000	0.0000	
SLS_RES_WA	22462.560	0.000	22462.560	0.000	22462.560	22462.560	0.000	0.0000	
SLS_CML_WA	13062.866	0.000	13062.866	0.000	13062.866	12964.275	98.591	4929.5258	
SLS_FRM_WA	1053.556	0.000	1053.556	0.000	1053.556	1053.556	0.000	0.0000	
SLS_INT_WA	153.297	0.000	153.297	0.000	153.297	153.297	0.000	0.0000	
TSP_FRM_WA	6596.406	0.000	6596.406	0.000	6596.406	6596.406	0.000	0.0000	
TSP_INT_WA	9190.987	0.000	9190.987	0.000	9190.987	9190.987	0.000	0.0000	
Total	73615.184	0.000	73615.184	0.000	73615.184	73508.339	106.846	5343.5021	
Enduser				21004.761			106.846	5343.5021	
Net Total				52503.577			106.846	5343.5021	

NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily	Take Under Other	Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000				4.4251	27408.8695	0.0000	27408.8695	4.4251
Hedged US	2278.000	2278.000	0.000				4.5825	10438.9579	0.0000	10438.9579	4.5825
Hedged Sumas	2278.000	2278.000	0.000				4.8019	10938.6384	0.0000	10938.6384	4.8019
N_SPOT_SUMAS	2960.305	364635.000	361674.695				5.0352	14905.8673	0.0000	14905.8673	5.0352
N_SPOT_ROCK	7342.925	364635.000	357292.075				4.5017	33055.8453	0.0000	33055.8453	4.5017
P_SPOT_AECO	29098.459	364635.000	335536.541				4.2871	124748.449	0.0000	124748.449	4.2871
P_SPOT_KNGGA	3910.751	364635.000	360724.249				4.8963	19148.1151	0.0000	19148.1151	4.8963
TSP_INT_W	9097.992	9097.992	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	431.730	431.730	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	591.629	591.629	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2334.798	2334.798	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	778.266	778.266	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	855.209	855.209	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	69.261	69.261	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6596.406	6596.406	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
Total	74817.730							240644.742	0.0000	240644.742	

Enduser 20755.291
 LDC Purchase 54062.439

Storage Summary

Units: MDT

Segment	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
Storage	2487	100	3714.171	3670.344	0	43.827	2487	100	0.000	0.000	9888.7029	10062.8	174.1420
JP_WA	94	100	95.590	94.462	0	1.128	94	100	0.000	0.000	373.1407	379.439	6.2988
JP_OR	153	100	159.939	153.315	0	6.624	153	100	0.000	0.000	718.6369	730.490	11.8533
LNG_WA	172	100	177.038	172.400	0	4.638	172	100	0.000	0.000	848.7288	865.514	16.7852
LNG_OR	73	85	92.298	72.916	0	19.383	73	85	2.187	0	363.9283	370.246	6.3182
LNG_CA	2980	100	4239.037	4163.436	0	75.600	2980	100	2.187	0	12193.137	12408.5	215.3976
Total	2980	100	4239.037	4163.436	0	75.600	2980	100	2.187	0	12193.137	12408.5	215.3976

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	35292.459	0.000	35292.459	47932.530	12640.071	27.8136	6065.5008	0.0000	6093.3144	0.1727
ANG_PGT	35292.459	318.303	34974.156	40243.249	4950.790	316.0941	2979.1592	0.0000	3295.2533	0.0934
PGT_IT_WA	1537.221	7.824	1529.397	21684.000	20146.779	587.9872	0.0000	0.0000	587.9872	0.3825
PGT_T1_WA	4729.345	24.072	4705.272	7585.430	2856.085	24.5330	503.1821	0.0000	527.7151	0.1116
PGT_T1X_WA	8534.962	43.443	8491.519	9125.000	590.038	41.6713	837.0550	0.0000	878.7263	0.1030

NOV 2012 thru OCT 2013
 Cost and Flow Summary
 Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost	Units: MDT
PGT_T3_WA	14548.045	74.050	14473.995	15467.786	919.741	70.9565	1818.7872	0.0000	1889.7437	0.1299	
PGT_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_STARR_WA	7227.911	0.000	7227.911	364635.000	357407.089	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_TOT_WWP	21972.273	0.000	21972.273	32180.934	10208.661	219.5272	0.0000	0.0000	219.5272	0.0100	
NWP_SF_TF1WA	54.819	0.817	54.002	3650.000	3595.181	2.5381	0.0000	0.0000	2.5381	0.0463	
NWP_ST_TF1WA	7227.911	107.696	7120.215	23496.145	16268.234	334.6523	0.0000	0.0000	334.6523	0.0463	
NWP_US_TF1WA	5384.976	80.236	5304.740	13750.280	8365.304	249.3244	0.0000	0.0000	249.3244	0.0463	
NWP_BC_TF1WA	2473.738	36.859	2436.880	10040.785	7567.047	114.5341	0.0000	0.0000	114.5341	0.0463	
NWPTF1_WWP	11041.726	0.000	11041.726	32968.260	21926.534	105.4172	19426.4208	0.0000	19531.8380	1.7689	
NWP_WWP	3641.732	0.000	3641.732	364635.000	360993.268	0.0000	0.0000	0.0000	0.0000	0.0000	
JPTF1_WWP	0.000	0.000	0.000	4891.000	4891.000	0.0000	0.0000	0.0000	0.0000	0.0000	
JPTF2_WWP	1766.759	26.325	1740.434	2426.270	659.511	80.4320	969.4251	0.0000	1049.8571	0.5942	
JPSUMAS_WWP	1848.766	27.547	1821.219	11093.810	9272.591	68.4778	0.0000	0.0000	68.4778	0.0370	
JP_STFLD_WA	54.819	0.000	54.819	364635.000	364580.181	0.0000	0.0000	0.0000	0.0000	0.0000	
LNGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	7.0372	61.2545	0.0000	68.2916	0.4454	
NWP_BC_TF1OR	1801.885	26.848	1775.037	5298.705	3496.820	83.4273	0.0000	0.0000	83.4273	0.0463	
NWP_US_TF1OR	2772.221	41.306	2730.915	2830.210	57.989	128.3538	0.0000	0.0000	128.3538	0.0463	
NWP_SF_TF1OR	1245.798	18.562	1227.236	3650.000	2404.202	57.6805	0.0000	0.0000	57.6805	0.0463	
NWPTF1_TOTOR	5903.019	0.000	5903.019	19606.705	13703.686	0.0000	6669.5920	0.0000	6669.5920	1.1299	
NWP_KLF_OR	1054.161	15.707	1038.454	5635.600	4581.439	58.0986	0.0000	0.0000	58.0986	0.0551	
NWP_ROS_OR	1370.145	0.000	1370.145	4946.845	3576.700	13.1446	0.0000	0.0000	13.1446	0.0096	
NWP_GP_OR	1960.797	0.000	1960.797	364635.000	362674.203	18.7909	0.0000	0.0000	18.7909	0.0096	
NWP_ROSGP_OR	3330.942	0.000	3330.942	10446.300	7115.358	0.0000	0.0000	0.0000	0.0000	0.0000	
NWP_MED_OR	58.822	0.000	58.822	364635.000	364576.178	0.0000	0.0000	0.0000	0.0000	0.0000	
NWPTOT_RS_OR	1128.410	0.000	1128.410	3146.300	2017.890	10.8172	0.0000	0.0000	10.8172	0.0096	
NWPTOT_LG_OR	1264.093	0.000	1264.093	3321.500	2057.407	12.1375	0.0000	0.0000	12.1375	0.0096	
PCTNWP_SF_OR	1245.798	0.000	1245.798	364635.000	363389.202	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_IT_OR	398.831	11.232	387.599	18484.330	18085.499	147.8837	0.0000	0.0000	147.8837	0.3708	
PCT_T1_OR	1084.057	30.529	1053.528	2606.100	1522.043	15.5952	626.3979	0.0000	641.9931	0.5922	
PCT_T3_OR	6847.606	192.842	6654.764	7642.500	794.894	95.5294	2533.3440	0.0000	2628.8734	0.3839	
PCT_NWPKF	1204.840	33.931	1170.909	1204.840	0.000	16.5474	511.5228	0.0000	528.0701	0.4383	
PCT_KLFMEDOR	1054.161	0.000	1054.161	364635.000	363580.839	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_KLFOR	6966.840	0.000	6966.840	12321.000	5354.160	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_MEDOR	1299.627	0.000	1299.627	1664.400	364.773	4.4051	163.7850	0.0000	168.1901	0.1294	
JPTF2_TOTOR	5667.213	0.000	5667.213	11810.000	6142.787	15.8682	9040.6620	0.0000	9056.5302	1.5981	
LNGTF2_TF1OR	94.462	1.407	93.055	94.462	0.000	2.0592	37.7736	0.0000	39.8328	0.4217	
NWP_US_TF1CA	172.400	2.569	169.831	364635.000	364462.600	3.6984	68.8384	0.0000	72.5367	0.4207	
NWP_BC_TF1CA	1463.728	21.810	1441.918	1743.605	279.877	82.2008	0.0000	0.0000	82.2008	0.0562	
NWP_TF1_CA	962.681	14.344	948.337	2407.540	1444.859	52.9757	0.0000	0.0000	52.9757	0.0550	
PAIUTE_SLTCA	2390.255	0.000	2390.255	4061.963	1671.708	0.0000	1623.1672	0.0000	1623.1672	0.6791	
LNG_PAUTECA	2368.685	71.061	2297.625	4929.494	2560.809	7.3273	2318.9000	0.0000	2326.2273	0.9821	
	70.728	0.000	70.728	364635.000	364564.272	0.0000	0.0000	0.0000	0.0000	0.0000	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Transportation Summary				Cap Rel Revenue	Fix Cost	Var Cost	Tot Cost	Units: MDT Average Tot Cost
				Max Flow	Surplus	Var Cost	Fix Cost					
Total		1231.603				3077.5364	56254.7674			59332.3039	0.2722	

NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 301584.	Injection Cost 271.246	Transportation Cost 4701.50	FEB 15, 2018
Penalty Cost 0.0000	Withdrawal Cost 14.2481	Other Variable Cost 0.0000	System Served 457.654
Other Variable Cost 0.0000	Carrying Cost 723.206		System Unserved 94.623
	Other Variable Cost 0.0000		System Demand 552.277
Total Variable 301584.	Total Variable 1008.70	Total Variable 4701.50	Market Served 0.000
	Demand Cost 845.905	Demand Cost 65532.3	Market Unserved 0.000
Demand/Reservation C 0.0000	Other Fixed Cost 2910.14	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 3756.05	Total Fixed 65532.3	Total 552.277
Total Fixed 0.0000			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -2278.3	System Cost 374304.936
Total Supply Cost 301584.	Total Storage Cost 4764.75	Total Trans Cost 67955.5	Unsup. Demand Cost 12108.8352
			Grand Total 386413.771

Avg Cost of Served Demand 6.371 \$/DT
 Avg Cost of Gas Purchased 4.987 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM		DSM Impact	Net Demand	Imbalance Served	Demand Summary		Supplied	Unsupplied	Units: MDT
	Before DSM	After Unb.				Demand After Unb.	Unsupplied Cost (K\$)			
SLS_RES_OR	9117.739	0.000	0.000	9117.739	0.000	9117.739	9069.875	47.864	2441.3106	
SLS_CML_OR	5500.425	0.000	0.000	5500.425	0.000	5500.425	5478.871	21.554	1077.6814	
SLS_FRM_OR	78.844	0.000	0.000	78.844	0.000	78.844	78.805	0.039	1.9365	
SLS_INT_OR	803.101	0.000	0.000	803.101	0.000	803.101	803.101	0.000	0.0000	
TSP_INT_OR	5820.278	0.000	0.000	5820.278	0.000	5820.278	5820.278	0.000	0.0000	
SLS_RES_CA	1617.006	0.000	0.000	1617.006	0.000	1617.006	1617.006	0.000	0.0000	
SLS_CML_CA	730.851	0.000	0.000	730.851	0.000	730.851	730.585	0.267	13.3276	
TSP_INT_CA	90.874	0.000	0.000	90.874	0.000	90.874	90.874	0.000	0.0000	
SLS_RES_WA	25511.210	0.000	0.000	25511.210	0.000	25511.210	25339.719	171.492	8574.5790	
SLS_CML_WA	14430.307	0.000	0.000	14430.307	0.000	14430.307	14430.307	0.000	0.0000	
SLS_FRM_WA	1042.747	0.000	0.000	1042.747	0.000	1042.747	1042.747	0.000	0.0000	
SLS_INT_WA	159.182	0.000	0.000	159.182	0.000	159.182	159.182	0.000	0.0000	
TSP_FRM_WA	6717.578	0.000	0.000	6717.578	0.000	6717.578	6717.578	0.000	0.0000	
TSP_INT_WA	9644.727	0.000	0.000	9644.727	0.000	9644.727	9644.727	0.000	0.0000	
Total	81264.869	0.000	0.000	81264.869	0.000	81264.869	81023.654	241.215	12108.8352	
Enduser				22273.457				241.215	12108.8352	
Net Total				58750.197				241.215	12108.8352	

NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000			4.9242	30500.2235	0.0000	30500.2235	4.9242
Hedged US	2278.000	2278.000	0.000			5.1056	11630.6328	0.0000	11630.6328	5.1056
Hedged Sumas	2278.000	2278.000	0.000			5.3427	12170.6720	0.0000	12170.6720	5.3427
N_SPOT_SUMAS	4874.058	364635.000	359760.942			5.5466	27034.3929	0.0000	27034.3929	5.5466
N_SPOT_ROCK	8381.641	364635.000	356253.359			4.9885	41812.0355	0.0000	41812.0355	4.9885
P_SPOT_AECO	30420.988	364635.000	334214.012			4.7937	145828.044	0.0000	145828.044	4.7937
P_SPOT_KNGGA	6046.409	364635.000	358588.591			5.3931	32608.6692	0.0000	32608.6692	5.3931
TSP_INT_W	9547.141	9547.141	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	452.938	452.938	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	666.165	666.165	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2684.842	2684.842	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(gp)	894.947	894.947	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	962.063	962.063	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	72.773	72.773	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6717.578	6717.578	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	82471.544						301584.670	0.0000	301584.670	

Enduser 21998.447
 LDC Purchase 60473.097

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	4254.515	4204.312	0	50.203	2487	100	0.000	0	10978.324	11275.9	297.5831
JP_OR	94	100	95.590	94.462	0	1.128	94	100	0.000	0	413.0546	425.064	12.0103
LNG_WA	153	100	161.087	153.315	0	7.772	153	100	0.000	0	793.2889	813.452	20.1634
LNG_OR	172	100	177.038	172.400	0	4.638	172	100	0.000	0	950.1057	976.486	26.3810
LNG_CA	73	85	92.298	72.916	0	19.383	73	85	2.187	0	403.8047	414.712	10.9075
Total	2980	100	4780.529	4697.404	0	83.124	2980	100	2.187	0	13538.578	13905.6	367.0453

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	36614.988	0.000	36614.988	47932.530	11317.542	32.5145	7065.8171	0.0000	7098.3316	0.1939
ANG_PGT	36614.988	330.231	36284.757	40243.249	3628.261	381.4972	3470.5030	0.0000	3852.0002	0.1052
PGT_IT_WA	2691.058	13.697	2677.361	21684.000	18992.942	1199.1356	0.0000	0.0000	1199.1356	0.4456
PGT_T1_WA	5399.502	27.483	5372.019	7585.430	2185.928	32.2834	586.1522	0.0000	618.4356	0.1145
PGT_T1X_WA	8495.989	43.245	8452.745	9125.000	629.011	48.2771	975.1025	0.0000	1023.3796	0.1205

NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Transportation Summary

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
PGT_T3_WA	14997.026	76.335	14920.691	15467.786	470.760	85.1541	2118.7230	0.0000	2203.8772	0.1470
PGT_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_STARR_WA	8087.977	0.000	8087.977	364635.000	356547.023	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TOT_WWP	23334.839	0.000	23334.839	32180.934	8846.095	273.4678	0.0000	0.0000	273.4678	0.0117
NWP_SF_TF1WA	43.592	0.650	42.943	3650.000	3606.408	2.3583	0.0000	0.0000	2.3583	0.0541
NWP_ST_TF1WA	8087.977	120.511	7967.466	23496.145	15408.168	437.4393	0.0000	0.0000	437.4393	0.0541
NWP_US_TF1WA	6342.116	94.498	6247.619	13750.280	7408.164	343.0472	0.0000	0.0000	343.0472	0.0541
NWP_BC_TF1WA	3697.616	55.094	3642.522	12981.225	9283.609	200.0406	0.0000	0.0000	200.0406	0.0541
NWPTF1_WWP	13484.947	0.000	13484.947	35908.700	22423.753	150.7996	22630.3204	0.0000	22781.1200	1.6894
NWP_WWP	5294.082	0.000	5294.082	364635.000	359340.918	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	33.680	0.502	33.178	4891.000	4857.320	2.1735	0.0000	0.0000	2.1735	0.0645
JPTF2_WWP	2101.738	31.316	2070.422	2426.270	324.532	111.0602	1129.3074	0.0000	1240.3676	0.5902
JPSUMAS_WWP	2025.302	30.177	1995.125	11093.810	9098.685	75.0167	0.0000	0.0000	75.0167	0.0370
JPS_STFLD_WA	43.592	0.000	43.592	364635.000	364591.408	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	8.1763	71.3569	0.0000	79.5331	0.5188
NWP_BC_TF1OR	2450.448	36.512	2413.936	5298.705	2848.257	132.5396	0.0000	0.0000	132.5396	0.0541
NWP_US_TF1OR	2823.877	42.076	2781.801	2830.210	6.333	152.7237	0.0000	0.0000	152.7237	0.0541
NWP_SF_TF1OR	1394.130	20.773	1373.358	3650.000	2255.870	75.3968	0.0000	0.0000	75.3968	0.0541
NWPTF1_TOTOR	6738.926	0.000	6738.926	19606.705	12867.779	0.0000	7769.5734	0.0000	7769.5734	1.1529
NWP_KLF_OR	1353.340	20.165	1333.175	6730.600	5377.260	86.9352	0.0000	0.0000	86.9352	0.0642
NWP_ROS_OR	1764.265	0.000	1764.265	4946.845	3182.580	19.5839	0.0000	0.0000	19.5839	0.0111
NWP_GP_OR	2241.594	0.000	2241.594	364635.000	362393.406	25.1768	0.0000	0.0000	25.1768	0.0112
NWP_ROSGP_OR	4005.858	0.000	4005.858	10446.300	6440.442	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	103.506	0.000	103.506	364635.000	364531.494	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	1157.137	0.000	1157.137	3146.300	1989.163	13.2309	0.0000	0.0000	13.2309	0.0114
NWPTOT_LG_OR	1396.357	0.000	1396.357	3321.500	1925.143	15.7038	0.0000	0.0000	15.7038	0.0112
PGTNWP_SF_OR	1394.130	0.000	1394.130	364635.000	363240.870	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_IT_OR	1009.376	28.426	980.950	18484.330	17474.954	435.5138	0.0000	0.0000	435.5138	0.4315
PGT_T1_OR	1445.524	40.709	1404.815	2606.100	1160.576	24.1285	729.7023	0.0000	753.8308	0.5215
PGT_T1X_OR	7087.850	199.608	6888.242	7642.500	554.650	114.5671	2951.1333	0.0000	3065.7004	0.4325
PGT_T3_OR	1204.840	33.931	1170.909	1204.840	0.000	19.2986	595.8801	0.0000	615.1787	0.5106
PGT_NWPKF	1353.340	0.000	1353.340	364635.000	363281.660	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	7697.447	0.000	7697.447	12321.000	4623.553	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1317.431	0.000	1317.431	1664.400	346.969	5.2424	190.7955	0.0000	196.0379	0.1488
PGT_MEDOR	6380.015	0.000	6380.015	11810.000	5429.985	21.6166	10531.5890	0.0000	10553.2056	1.6541
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	2.5103	44.0034	0.0000	46.5137	0.4924
LANGTF2_TF1OR	172.400	2.569	169.831	364635.000	364462.600	4.2985	80.1915	0.0000	84.4900	0.4901
NWP_US_TF1CA	1493.648	22.255	1471.393	1743.605	249.957	97.7909	0.0000	0.0000	97.7909	0.0655
NWP_BC_TF1CA	1003.994	14.960	989.035	2407.540	1403.546	64.0435	0.0000	0.0000	64.0435	0.0638
NWP_TF1_CA	2460.427	0.000	2460.427	4061.963	1601.536	0.0000	1890.8677	0.0000	1890.8677	0.7685
PAIUTE_SLTCA	2438.857	73.166	2365.692	4929.494	2490.637	8.7638	2701.3193	0.0000	2710.0831	1.1112
LNG_PAUTECA	70.728	0.000	70.728	364635.000	364564.272	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Transportation Summary										
Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Units: MDT Average Tot Cost
Total		1362.578				4701.5060	65532.3380		70233.8439	0.2931

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 375760.	Injection Cost 0.0000	Transportation Cost 6982.41	FEB 15, 2023
Penalty Cost 0.0000	Withdrawing Cost 15.8342	Other Variable Cost 0.0000	System Served 459.228
Other Variable Cost 0.0000	Carrying Cost 725.352	Total Variable 6982.41	System Unserved 139.116
Total Variable 375760.	Total Variable 741.187	Demand Cost 76339.2	Market Served 0.000
Demand/Reservation C 0.0000	Demand Cost 985.539	Other Fixed Cost 0.0000	Market Unserved 0.000
Other Fixed Cost 0.0000	Other Fixed Cost 3271.38	Total Fixed 76339.2	Market Demand 598.344
Total Fixed 0.0000	Total Fixed 4256.92	Cap Release Revenue -2278.3	Market Demand 0.000
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Total Trans Cost 81043.3	System Cost 461801.605
Total Supply Cost 375760.	Total Storage Cost 4998.11		Unsup. Demand Cost 29790.6710
			Grand Total 491592.276

Avg Cost of Served Demand 7.237 \$/DT Avg Cost of Gas Purchased 5.807 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary Demand After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	10315.295	0.000	10315.295	0.000	10315.295	10173.764	141.532	7222.0557	
SLS_CML_OR	5963.884	0.000	5963.884	0.000	5963.884	5917.605	46.279	2488.9565	
SLS_FRM_OR	83.786	0.000	83.786	0.000	83.786	83.624	0.162	8.0839	
SLS_INT_OR	887.000	0.000	887.000	0.000	887.000	887.000	0.000	0.0000	
TSP_INT_OR	6302.915	0.000	6302.915	0.000	6302.915	6268.920	33.995	679.9090	
SLS_RES_CA	1654.091	0.000	1654.091	0.000	1654.091	1653.332	0.759	37.9617	
SLS_CML_CA	751.266	0.000	751.266	0.000	751.266	751.266	0.000	0.0000	
TSP_INT_CA	93.494	0.000	93.494	0.000	93.494	93.494	0.000	0.0000	
SLS_RES_WA	27943.426	0.000	27943.426	0.000	27943.426	27556.352	387.074	19353.7043	
SLS_CML_WA	15585.897	0.000	15585.897	0.000	15585.897	15585.897	0.000	0.0000	
SLS_FRM_WA	1035.896	0.000	1035.896	0.000	1035.896	1035.896	0.000	0.0000	
SLS_INT_WA	163.213	0.000	163.213	0.000	163.213	163.213	0.000	0.0000	
TSP_FRM_WA	6795.456	0.000	6795.456	0.000	6795.456	6795.456	0.000	0.0000	
TSP_INT_WA	9942.655	0.000	9942.655	0.000	9942.655	9942.655	0.000	0.0000	
Total	87518.276	0.000	87518.276	0.000	87518.276	86908.474	609.801	29790.6710	
Enduser				23100.525			609.801	29790.6710	
Net Total				63807.949			609.801	29790.6710	

NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	AV Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000			5.7180	35417.4907	0.0000	35417.4907	5.7180
Hedged US	2278.000	2278.000	0.000			5.9232	13492.9798	0.0000	13492.9798	5.9232
Hedged Sumas	2278.000	2278.000	0.000			6.2016	14127.2392	0.0000	14127.2392	6.2016
N_SPOT_SUMAS	5831.626	364635.000	358803.374			6.3780	37194.0838	0.0000	37194.0838	6.3780
N_SPOT_ROCK	8493.438	364635.000	356141.562			5.7808	49099.2912	0.0000	49099.2912	5.7808
P_SPOT_AECO	31089.700	364635.000	333545.300			5.5751	173326.987	0.0000	173326.987	5.5751
P_SPOT_KNGGA	8542.047	364635.000	356092.953			6.2166	53102.1001	0.0000	53102.1001	6.2166
TSP_INT_W	9841.234	9841.234	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	466.443	466.443	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	716.956	716.956	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2929.436	2929.436	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	976.479	976.479	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	1038.192	1038.192	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	74.924	74.924	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6795.456	6795.456	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	87545.931						375760.172	0.0000	375760.172	

Enduser	22839.120
LDC Purchase	64706.811

Storage Summary

Units: MDT

Segment	Starting Balance	% Full	Total Inj.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
Storage JP_WA	2487	100	5068.309	47932.530	59.806	1989	80	0.000	-497	12705.702	10495.8	-2209.870
JP_OR	89	94	95.590	40243.249	1.128	89	94	0.000	0	453.1112	466.437	13.3263
LANG_WA	153	100	0.000	21684.000	0.000	0	0	0.000	-153	911.2557	0.0000	-911.2557
LANG_OR	172	100	0.000	7585.430	0.000	0	0	0.000	-172	1100.9709	0.0000	-1100.970
LANG_CA	73	85	0.000	9125.000	0.000	0	0	2.187	-73	467.4229	0.0000	-467.4229
Total	2975	99	5163.899	5998.929	60.934	2079	69	2.187	-896	15638.463	10962.2	-4676.193

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	37283.700	0.000	37283.700	47932.530	10648.830	37.9989	8231.0012	0.0000	8269.0001	0.2218
ANG_PGT	37283.700	336.262	36947.438	40243.249	2959.549	454.5336	4042.7963	0.0000	4497.3299	0.1206
PGT_IT_WA	4262.641	21.697	4240.944	21684.000	17421.359	2212.7369	0.0000	0.0000	2212.7369	0.5191
PGT_T1_WA	5630.431	28.659	5601.772	7585.430	1954.999	39.3375	682.8383	0.0000	722.1758	0.1283
PGT_T1X_WA	8779.024	44.685	8734.338	9125.000	345.976	57.7916	1135.9300	0.0000	1193.7216	0.1360

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Cost and Flow Summary

Units: MDT

Transportation Summary		Units: MDT								
Segment (cont)	Total	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
Total	1470.299					6982.4154	76339.2356		83321.6510	0.3254

EXHIBIT C

DAILY SERVED DEMAND

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Class: SLS_RES_OR (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	15.775	28.762	27.004	26.088	24.848	17.256	15.391	4.379	4.305	4.210	5.114	8.941
2	17.447	29.028	28.199	27.706	23.486	18.543	14.400	4.317	4.300	4.210	4.436	8.783
3	16.909	26.734	27.736	27.366	22.470	18.094	13.744	4.347	4.251	4.214	4.333	11.716
4	19.784	21.149	28.426	21.826	22.322	15.506	14.008	4.303	4.268	4.214	4.333	13.017
5	19.822	22.223	28.729	24.025	22.590	13.454	12.060	4.296	4.241	4.229	4.394	12.291
6	22.180	21.505	31.192	23.291	17.462	13.693	11.070	4.284	4.213	4.229	5.377	9.655
7	22.970	26.653	32.674	25.000	22.117	13.030	7.987	4.273	4.220	4.199	4.748	9.639
8	23.296	29.203	33.281	21.465	21.229	13.554	7.119	4.457	4.216	4.199	4.229	8.680
9	21.411	28.454	28.074	23.424	21.493	13.767	13.905	4.466	4.246	4.201	4.459	6.843
10	20.508	27.471	28.706	24.503	21.874	14.842	17.257	4.319	4.218	4.201	5.781	6.353
11	18.926	29.941	30.835	23.834	22.269	18.760	15.088	4.378	4.213	4.202	6.835	6.997
12	20.795	30.552	29.027	18.657	19.655	17.608	12.963	4.530	4.218	4.202	5.922	9.143
13	24.421	25.845	26.448	46.584	18.906	17.169	11.164	4.610	4.216	4.199	5.876	10.691
14	22.677	28.084	27.360	52.710	18.243	15.640	11.156	4.445	4.213	4.199	6.157	9.893
15	21.770	27.254	29.732	50.137	20.901	14.015	9.770	4.221	4.228	4.199	6.113	13.132
16	23.029	27.583	32.666	45.926	19.852	17.453	8.632	4.340	4.239	4.199	5.625	12.762
17	25.050	29.387	32.182	41.541	23.145	15.441	7.261	4.395	4.231	4.199	4.730	10.724
18	22.515	44.267	30.890	23.847	22.293	15.759	6.766	4.300	4.229	4.199	4.514	11.315
19	21.492	52.696	30.576	22.041	19.960	11.726	6.292	4.236	4.213	4.199	6.106	11.354
20	18.107	55.307	29.129	20.542	17.535	7.746	6.120	4.233	4.213	4.199	7.758	11.206
21	19.657	50.096	30.494	24.577	18.351	6.687	6.708	4.235	4.213	4.210	11.024	10.845
22	25.334	48.678	30.722	26.378	19.207	13.132	6.573	4.254	4.213	4.210	10.513	10.916
23	29.496	25.527	25.410	28.708	17.940	16.377	6.981	4.257	4.213	4.312	10.478	15.618
24	26.916	27.401	24.882	26.021	18.992	20.122	10.051	4.254	4.213	4.312	11.388	17.743
25	22.705	29.589	23.715	26.331	19.438	18.865	9.199	4.232	4.213	4.289	11.747	18.205
26	22.151	28.006	22.261	26.029	18.766	18.742	8.265	4.231	4.213	4.289	10.581	17.676
27	24.932	30.400	21.563	22.637	19.945	13.736	8.600	4.226	4.216	4.238	8.607	17.643
28	26.292	30.094	25.873	20.125	22.501	14.334	6.362	4.261	4.213	4.238	9.943	20.289
29	29.021	25.691	22.124	20.586	21.985	16.479	8.146	4.221	4.221	4.245	12.753	19.103
30	23.053	32.650	23.414		21.612	14.589	9.599	4.241	4.216	4.245	12.131	21.385
31		27.023	24.403		23.039		13.660		4.305			19.575
Total	668.442	967.255	867.727	811.908	644.427	456.120	316.299	129.576	131.144	130.922	216.005	392.133
Average	22.281	31.202	27.991	27.997	20.788	15.204	10.203	4.319	4.230	4.223	7.200	12.649
Minimum	15.775	21.149	21.563	18.657	17.462	6.687	6.120	4.221	4.213	4.199	4.229	6.353
Maximum	29.496	55.307	33.281	52.710	24.848	20.122	17.257	4.610	4.305	4.312	12.753	21.385

366 days with non-zero value

Class: SLS_CML_OR (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	10.939	18.141	17.644	16.898	15.592	10.868	9.958	4.483	4.417	4.397	4.811	6.830
2	11.847	18.283	18.165	17.736	15.178	11.572	9.604	4.462	4.422	4.397	4.472	6.713
3	11.790	16.977	17.858	17.679	14.572	11.428	9.399	4.492	4.402	4.380	4.421	8.175
4	13.299	14.162	18.038	14.793	14.560	10.110	8.497	4.505	4.440	4.440	4.473	8.852
5	13.250	14.724	18.244	15.789	14.696	9.051	8.608	4.491	4.410	4.385	4.473	8.489
6	14.480	13.914	19.437	15.376	12.149	9.438	8.148	4.474	4.384	4.385	4.474	7.171
7	14.988	16.807	20.268	16.108	14.680	9.087	6.595	4.467	4.398	4.374	4.625	7.130
8	15.177	18.288	20.390	14.277	14.086	9.351	6.179	4.504	4.386	4.371	4.371	6.724
9	14.209	17.897	17.906	15.124	14.053	9.421	9.427	4.488	4.397	4.379	4.531	5.739
10	13.756	17.374	18.448	15.938	14.521	9.929	11.032	4.432	4.388	4.379	5.340	5.504
11	12.758	18.722	19.498	15.526	14.858	11.863	9.868	4.478	4.384	4.379	5.893	5.801
12	13.649	19.164	18.240	12.705	13.462	11.231	8.850	4.456	4.400	4.374	5.270	6.916
13	15.435	16.688	16.943	28.655	12.989	10.985	7.880	4.562	4.384	4.374	5.372	7.670
14	14.440	17.906	17.269	31.916	12.512	10.186	8.157	4.492	4.384	4.374	5.554	7.267
15	14.030	17.268	18.452	30.596	13.897	9.263	7.625	4.398	4.407	4.374	5.549	8.926
16	14.898	17.194	20.053	28.382	13.415	11.116	7.006	4.435	4.410	4.374	5.265	8.778
17	15.969	18.420	19.956	25.722	14.959	10.095	6.281	4.456	4.400	4.374	4.689	7.762
18	14.667	26.937	19.346	15.592	14.421	10.226	5.979	4.423	4.398	4.374	4.565	8.085
19	14.196	31.796	19.261	14.522	13.039	8.337	5.733	4.400	4.384	4.374	5.370	8.111
20	12.370	33.292	18.702	13.846	11.673	6.350	5.617	4.400	4.384	4.374	6.169	7.857
21	13.217	30.233	19.447	15.850	12.135	5.786	5.852	4.404	4.384	4.385	7.772	7.699
22	16.455	29.511	19.531	16.944	12.819	8.777	5.808	4.405	4.384	4.385	7.429	7.855
23	18.537	16.512	16.590	18.167	12.135	10.349	5.891	4.403	4.384	4.422	7.336	10.078
24	17.196	17.689	16.074	16.664	12.982	12.311	7.405	4.403	4.384	4.422	7.734	11.263
25	15.107	18.824	15.510	17.014	13.068	11.797	7.033	4.406	4.384	4.420	7.959	11.534
26	14.751	18.203	14.813	16.799	12.305	11.787	6.655	4.408	4.384	4.420	7.711	11.195
27	16.020	19.416	14.511	14.779	13.361	9.393	6.728	4.403	4.386	4.394	6.786	11.224
28	16.662	18.987	16.710	13.452	14.922	9.602	5.539	4.455	4.384	4.394	7.314	12.646
29	17.983	16.709	14.475	13.584	14.495	10.615	6.378	4.434	4.393	4.402	8.877	12.098
30	14.712	20.241	15.098	14.348	14.348	9.727	7.023	4.424	4.386	4.402	8.517	13.239
31	17.407	17.407	15.940	15.133	15.133		9.101	4.417	4.417	4.412		12.323
Total	436.787	607.690	552.815	520.435	427.012	300.052	234.855	133.540	136.230	136.040	177.546	269.654
Average	14.560	19.603	17.833	17.946	13.775	10.002	7.576	4.451	4.395	4.388	5.918	8.699
Minimum	10.939	13.914	14.475	12.705	11.673	5.786	5.539	4.398	4.384	4.374	4.371	5.504
Maximum	18.537	33.292	20.390	31.916	15.592	12.311	11.032	4.562	4.440	4.422	8.877	13.239

366 days with non-zero value

Class: SLS_FRM_OR (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	0.067	0.067	0.055	0.064	0.052	0.056	0.058	0.056	0.078	0.088	1.138	0.151
2	0.068	0.067	0.055	0.064	0.052	0.057	0.059	0.055	0.103	0.088	1.130	0.151
3	0.068	0.067	0.054	0.064	0.052	0.057	0.059	0.054	0.116	0.076	1.130	0.154
4	0.069	0.067	0.054	0.064	0.052	0.056	0.059	0.053	0.102	0.076	1.130	0.156
5	0.068	0.067	0.054	0.064	0.052	0.055	0.059	0.052	0.074	0.076	1.153	0.156
6	0.069	0.066	0.054	0.064	0.052	0.057	0.059	0.051	0.074	0.076	1.145	0.153
7	0.069	0.067	0.054	0.064	0.053	0.057	0.058	0.052	0.078	0.075	1.130	0.153
8	0.069	0.067	0.054	0.063	0.053	0.057	0.058	0.052	0.074	0.075	1.130	0.154
9	0.069	0.067	0.054	0.063	0.052	0.057	0.059	0.052	0.075	0.078	1.131	0.152
10	0.069	0.067	0.055	0.064	0.053	0.057	0.060	0.050	0.074	0.078	1.180	0.152
11	0.068	0.067	0.055	0.064	0.053	0.058	0.058	0.054	0.074	0.077	1.272	0.151
12	0.068	0.067	0.054	0.063	0.053	0.057	0.058	0.054	0.074	0.077	1.208	0.151
13	0.068	0.067	0.055	0.068	0.052	0.056	0.057	0.053	0.078	0.075	1.241	0.153
14	0.068	0.067	0.054	0.068	0.052	0.056	0.058	0.052	0.074	0.075	1.264	0.153
15	0.068	0.067	0.055	0.067	0.052	0.056	0.059	0.049	0.079	0.075	1.257	0.156
16	0.069	0.067	0.055	0.067	0.052	0.057	0.058	0.052	0.076	0.075	1.233	0.154
17	0.069	0.067	0.055	0.067	0.052	0.056	0.058	0.052	0.074	0.075	1.185	0.155
18	0.069	0.069	0.055	0.064	0.052	0.056	0.057	0.051	0.074	0.075	1.139	0.159
19	0.069	0.070	0.055	0.063	0.051	0.055	0.057	0.050	0.074	0.075	1.133	0.157
20	0.069	0.071	0.055	0.063	0.051	0.055	0.057	0.050	0.074	0.075	1.203	0.154
21	0.069	0.070	0.055	0.063	0.051	0.055	0.056	0.050	0.074	0.075	1.214	0.154
22	0.070	0.070	0.055	0.064	0.052	0.056	0.057	0.051	0.074	0.075	1.189	0.155
23	0.070	0.067	0.055	0.064	0.052	0.055	0.056	0.052	0.074	0.093	1.157	0.158
24	0.070	0.067	0.054	0.064	0.052	0.057	0.057	0.051	0.074	0.093	1.134	0.161
25	0.069	0.067	0.054	0.064	0.052	0.057	0.057	0.049	0.074	0.091	1.151	0.161
26	0.069	0.067	0.054	0.064	0.051	0.057	0.057	0.049	0.074	0.091	1.254	0.159
27	0.069	0.068	0.054	0.063	0.052	0.057	0.057	0.049	0.074	0.076	1.229	0.161
28	0.069	0.067	0.054	0.063	0.053	0.056	0.056	0.052	0.074	0.076	1.252	0.163
29	0.069	0.067	0.054	0.063	0.053	0.056	0.056	0.050	0.076	0.082	1.296	0.164
30	0.068	0.067	0.054	0.063	0.053	0.056	0.056	0.050	0.074	0.082	1.272	0.166
31	0.067	0.067	0.054	0.067	0.053	0.056	0.057	0.050	0.078	0.083	0.000	0.165
Total	2.062	2.093	1.688	1.867	1.616	1.691	1.784	1.543	2.426	2.461	35.679	4.843
Average	0.069	0.068	0.054	0.064	0.052	0.056	0.058	0.051	0.078	0.079	1.189	0.156
Minimum	0.067	0.066	0.054	0.063	0.051	0.055	0.056	0.049	0.074	0.075	1.130	0.151
Maximum	0.070	0.071	0.055	0.068	0.053	0.058	0.060	0.056	0.116	0.093	1.296	0.166

366 days with non-zero value

Class: SLS_INT_OR (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	1.750	0.716	0.985	2.040	1.151	1.993	1.608	1.757	1.561	1.407	1.133	1.109
2	1.658	0.068	0.985	0.765	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
3	1.750	1.209	0.985	1.948	1.966	1.993	1.608	1.757	1.561	1.407	1.133	1.109
4	1.750	2.211	0.451	1.274	1.966	1.993	1.608	1.757	1.561	1.407	1.133	1.109
5	1.750	1.564	0.451	2.040	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
6	1.658	2.211	0.451	2.040	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
7	1.750	0.561	0.451	2.782	1.424	1.993	1.608	1.757	1.561	1.407	1.133	1.109
8	1.293	0.493	0.451	2.782	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
9	1.750	0.561	0.451	2.040	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
10	1.750	0.561	0.451	2.040	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
11	1.750	0.493	0.451	2.040	0.910	1.993	1.608	1.757	1.561	1.407	1.133	1.109
12	1.750	0.493	0.451	2.782	1.424	1.993	1.608	1.757	1.561	1.407	1.133	1.109
13	0.996	2.143	1.113	1.113	1.377	1.993	1.608	1.757	1.561	1.407	1.133	1.109
14	1.658	0.493	1.113	0.493	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
15	1.658	1.141	1.113	1.113	1.966	1.993	1.608	1.757	1.561	1.407	1.133	1.109
16	1.750	1.141	1.063	1.141	1.966	1.993	1.608	1.757	1.561	1.407	1.133	1.109
17	0.447	1.141	1.063	1.141	1.966	1.993	1.608	1.757	1.561	1.407	1.133	1.109
18	1.293	1.293	0.050	2.690	1.966	1.993	1.608	1.757	1.561	1.407	1.133	1.109
19	1.293	1.293	0.050	2.690	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
20	1.293	1.293	0.050	2.690	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
21	1.293	1.293	0.050	1.948	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
22	0.846	1.415	0.050	1.415	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
23	0.092	1.496	1.647	0.674	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
24	0.549	1.003	2.098	0.765	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
25	1.210	1.003	2.048	1.948	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
26	1.303	1.003	2.048	2.690	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
27	1.658	0.493	2.048	2.690	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109
28	0.996	1.496	2.048	2.690	1.424	1.993	1.608	1.757	1.561	1.407	1.133	1.109
29	0.996	1.496	2.048	2.782	2.014	1.993	1.608	1.757	1.561	1.407	1.133	0.876
30	1.658	0.493	2.048	2.782	2.014	1.993	1.608	1.757	1.561	1.407	1.133	0.876
31	1.658	1.496	2.048	2.048	2.014	1.993	1.608	1.757	1.561	1.407	1.133	0.876
Total	41.348	24.677	29.858	50.241	57.777	59.795	49.843	52.704	48.389	43.617	34.001	33.689
Average	1.378	0.796	0.963	1.732	1.864	1.993	1.608	1.757	1.561	1.407	1.133	1.087
Minimum	0.092	0.068	0.451	0.493	0.910	1.993	1.608	1.757	1.561	1.407	1.133	0.876
Maximum	1.750	2.211	2.098	2.782	2.014	1.993	1.608	1.757	1.561	1.407	1.133	1.109

351 days with non-zero value

Class: TSP_INT_OR (summed across areas)

SERVED DEMAND

Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	13.748		5.652	9.706	5.145	12.473	15.874	15.286	15.069	14.126	15.762	12.958
2	13.748	1.935	5.652	3.132	9.209	12.473	15.874	15.286	15.069	14.126	15.762	12.958
3	11.497	6.990	5.652	8.065	9.209	10.987	15.874	15.286	15.069	14.126	15.762	12.958
4	11.497	15.583	1.187	6.574	7.477	12.473	14.126	15.286	15.069	14.126	15.762	12.958
5	13.748	13.099	1.187	9.706	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
6	13.748	11.164	1.187	8.065	7.477	10.987	15.874	15.286	15.069	14.126	15.762	12.958
7	13.748	2.571	1.187	8.065	9.124	10.987	15.874	15.286	15.069	14.126	15.762	12.958
8	11.497	2.571	1.187	8.065	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
9	13.748	4.507	1.187	8.065	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
10	15.654	4.507		9.706	9.124	12.473	15.874	15.286	15.069	14.126	15.762	12.958
11	15.654	2.571		9.706	5.711	12.473	15.874	15.286	15.069	14.126	15.762	12.958
12	13.748	2.571		9.706	7.477	12.473	15.874	15.286	15.069	14.126	15.762	12.958
13	5.179	11.164	1.187		7.477	10.987	15.874	15.286	15.069	14.126	15.762	12.958
14	13.748	2.571	1.187		9.209	9.251	15.874	15.286	15.069	14.126	15.762	12.958
15	13.748	2.571	3.413		7.477	12.473	15.874	15.286	15.069	14.126	15.762	12.958
16	11.497	5.055	1.187		7.477	12.473	15.874	15.286	15.069	14.126	15.762	12.958
17	2.928	5.055	1.187		7.477	12.473	15.874	15.286	15.069	14.126	15.762	12.958
18	13.403			9.763	9.209	12.473	15.874	15.286	15.069	14.126	15.762	12.958
19	11.497			9.763	10.856	12.473	15.874	15.286	15.069	14.126	15.762	11.275
20	13.403			8.065	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
21	13.403		1.710	8.065	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
22	10.475			3.188	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
23		11.164	5.652	1.491	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
24	1.906	8.593	9.065	1.491	7.477	9.251	15.874	15.286	15.069	14.126	15.762	11.275
25	8.569		6.839	8.065	9.124	10.987	15.874	15.286	15.069	14.126	15.762	12.958
26	10.820	8.593	9.065	8.065	10.856	12.473	15.874	15.286	15.069	14.126	15.762	11.424
27	11.497		6.839	9.763	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958
28	5.179	2.571	6.839	9.763	7.477	12.473	15.874	15.286	15.069	14.126	15.762	9.741
29	5.179	11.164	6.839	11.404	9.124	12.473	15.874	15.286	15.069	14.126	15.762	11.275
30	11.497	2.571	9.065		9.124	10.736	15.874	15.286	15.069	14.126	15.762	9.741
31		11.164	6.839		7.477		15.874	15.286	15.069	14.126		9.741
Total	325.966	150.309	102.180	187.447	276.643	358.573	490.360	458.568	467.143	437.912	472.855	383.924
Average	10.866	4.849	3.296	6.464	8.924	11.952	15.818	15.286	15.069	14.126	15.762	12.385
Minimum					5.145	9.251	14.126	15.286	15.069	14.126	15.762	9.741
Maximum	15.654	15.583	9.065	11.404	10.856	12.473	15.874	15.286	15.069	14.126	15.762	12.958

346 days with non-zero value

Class: SLS_RES_CA (summed across areas) SERVED DEMAND

Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	4.838	7.620	7.945	5.464	6.473	3.115	3.461	1.517	1.749	1.475	1.990	2.681
2	4.838	6.605	9.401	5.464	5.602	3.461	3.202	1.491	1.619	1.475	1.818	3.371
3	4.549	6.025	9.110	6.046	5.602	3.288	3.029	1.517	1.593	1.540	1.645	3.026
4	4.405	6.170	7.799	5.755	4.730	3.028	2.683	1.569	1.541	1.540	1.818	2.940
5	4.549	6.460	9.401	5.173	4.730	3.288	3.029	1.517	1.437	1.579	1.818	2.767
6	5.991	6.315	7.654	5.464	4.730	3.720	2.856	1.596	1.411	1.579	1.731	2.594
7	6.424	4.866	8.091	5.900	5.602	3.633	3.720	1.648	1.619	1.605	2.422	2.594
8	5.847	6.750	8.091	5.464	5.166	3.461	3.806	1.648	1.541	1.605	2.336	2.594
9	5.991	7.765	7.945	5.464	5.456	3.288	3.202	1.648	1.411	1.540	2.163	2.421
10	5.847	7.040	8.236	7.792	5.747	3.288	3.634	1.622	1.411	1.540	2.077	2.594
11	5.126	7.330	7.217	7.501	4.730	3.720	3.634	1.648	1.411	1.540	2.077	2.594
12	5.126	7.185	5.324	5.027	5.020	4.411	3.374	1.700	1.437	1.514	2.595	2.940
13	5.270	6.605	5.178	8.519	6.183	5.275	3.029	2.143	1.541	1.423	2.595	2.940
14	5.414	6.170	5.906	10.847	6.473	4.497	3.029	1.961	1.541	1.423	2.422	2.940
15	5.414	6.170	4.159	10.847	6.170	3.893	2.942	1.987	1.437	1.540	2.681	3.026
16	5.559	6.170	4.887	10.119	6.473	3.461	2.683	2.091	1.489	1.540	3.113	3.026
17	7.144	6.170	5.324	9.537	5.166	3.893	2.337	1.883	1.515	1.488	2.681	3.199
18	6.712	8.200	5.178	7.792	6.764	4.152	2.251	1.804	1.489	1.488	2.768	3.458
19	5.703	9.215	5.032	6.919	7.490	4.152	2.683	1.830	1.567	1.527	2.681	3.199
20	5.703	11.970	5.761	6.046	7.200	3.720	3.202	1.674	1.645	1.527	2.422	3.285
21	5.414	9.215	7.799	6.628	7.200	3.633	3.115	1.596	1.697	1.527	2.595	3.285
22	5.991	10.375	7.799	6.919	7.200	3.461	2.683	1.517	1.697	1.527	2.768	3.458
23	5.991	6.315	6.780	7.210	6.037	3.288	2.769	1.387	1.723	1.488	2.768	3.544
24	5.847	6.605	6.489	6.191	6.183	3.288	2.769	1.645	1.645	1.488	2.595	3.458
25	5.847	6.605	6.343	6.628	6.183	3.893	2.597	1.648	1.489	1.436	2.509	3.371
26	6.135	6.170	6.197	6.919	5.892	3.461	2.337	1.726	1.463	1.436	2.595	3.976
27	5.991	6.025	6.634	6.628	6.473	3.115	2.683	1.622	1.489	1.735	2.509	3.976
28	6.568	5.735	5.906	5.755	6.328	2.424	3.029	1.465	1.411	1.735	2.509	3.803
29	6.135	6.052	6.052	5.755	6.037	3.633	2.942	1.569	1.385	1.670	2.509	3.371
30	6.279	7.475	5.761	5.755	5.166	3.547	2.683	1.856	1.411	1.670	2.422	3.544
31		7.185	5.906		4.585		2.769		1.411	1.592		3.371
Total	170.649	219.123	209.305	199.771	183.964	108.483	92.420	50.345	47.405	47.762	72.407	97.427
Average	5.688	7.068	6.752	6.889	5.934	3.616	2.981	1.678	1.529	1.541	2.414	3.143
Minimum	4.405	4.866	4.159	5.027	4.585	2.424	2.251	1.387	1.385	1.423	1.645	2.421
Maximum	7.144	11.970	9.401	10.847	7.490	5.275	3.893	2.143	1.749	1.735	3.113	3.976

366 days with non-zero value

Class: SLS_CML_CA (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	2.035	2.755	2.896	2.229	2.491	1.501	1.544	1.159	1.264	1.146	1.242	1.386
2	2.035	2.486	3.288	2.229	2.257	1.576	1.489	1.148	1.210	1.146	1.205	1.532
3	1.958	2.333	3.210	2.386	2.257	1.539	1.453	1.159	1.199	1.173	1.168	1.459
4	1.920	2.371	2.857	2.308	2.023	1.483	1.380	1.181	1.177	1.173	1.205	1.441
5	1.958	2.448	3.288	2.151	2.023	1.539	1.453	1.159	1.133	1.189	1.205	1.404
6	2.343	2.410	2.818	2.229	2.023	1.632	1.416	1.192	1.123	1.189	1.187	1.368
7	2.459	2.026	2.935	2.347	2.257	1.613	1.599	1.214	1.210	1.200	1.333	1.368
8	2.305	2.525	2.935	2.229	2.140	1.576	1.617	1.214	1.177	1.200	1.315	1.368
9	2.343	2.793	2.896	2.229	2.218	1.539	1.489	1.214	1.123	1.173	1.278	1.331
10	2.305	2.601	2.974	2.857	2.296	1.539	1.580	1.203	1.123	1.173	1.260	1.368
11	2.112	2.678	2.700	2.778	2.023	1.632	1.635	1.214	1.133	1.162	1.370	1.441
12	2.112	2.640	2.190	2.112	2.101	1.780	1.526	1.235	1.199	1.162	1.425	1.386
13	2.151	2.486	2.151	3.053	2.413	1.966	1.453	1.419	1.177	1.124	1.370	1.441
14	2.189	2.371	2.347	3.680	2.491	1.799	1.453	1.344	1.177	1.124	1.333	1.441
15	2.189	2.371	1.876	3.680	2.725	1.669	1.435	1.354	1.133	1.173	1.388	1.459
16	2.228	2.371	2.072	3.484	2.491	1.576	1.380	1.398	1.173	1.173	1.480	1.459
17	2.651	2.371	2.190	3.327	2.140	1.669	1.307	1.311	1.166	1.151	1.388	1.496
18	2.536	2.908	2.151	2.857	2.569	1.725	1.289	1.279	1.155	1.151	1.406	1.551
19	2.266	3.177	2.112	2.621	2.764	1.725	1.380	1.289	1.188	1.167	1.388	1.496
20	2.266	3.905	2.308	2.386	2.686	1.632	1.489	1.224	1.221	1.167	1.333	1.514
21	2.189	3.177	2.857	2.543	2.686	1.613	1.471	1.192	1.242	1.167	1.370	1.514
22	2.343	3.483	2.857	2.621	2.374	1.539	1.380	1.159	1.242	1.167	1.406	1.551
23	2.343	2.410	2.582	2.700	2.413	1.539	1.398	1.105	1.253	1.151	1.406	1.569
24	2.305	2.486	2.504	2.425	2.413	1.539	1.398	1.138	1.221	1.151	1.370	1.551
25	2.305	2.486	2.465	2.543	2.413	1.669	1.362	1.214	1.155	1.129	1.351	1.532
26	2.382	2.371	2.425	2.621	2.335	1.576	1.307	1.246	1.144	1.129	1.370	1.661
27	2.343	2.333	2.543	2.543	2.491	1.501	1.380	1.203	1.155	1.254	1.351	1.661
28	2.497	2.256	2.347	2.308	2.452	1.353	1.453	1.138	1.123	1.254	1.351	1.624
29	2.382	2.486	2.386	2.308	2.374	1.613	1.435	1.181	1.112	1.227	1.351	1.532
30	2.420	2.716	2.308	2.308	2.140	1.594	1.380	1.300	1.123	1.227	1.333	1.569
31		2.640	2.347		1.984		1.398		1.123	1.194		1.532
Total	67.872	80.873	79.815	75.788	72.741	48.277	44.730	36.785	36.336	36.366	39.940	46.007
Average	2.262	2.609	2.575	2.613	2.346	1.609	1.443	1.226	1.172	1.173	1.331	1.484
Minimum	1.920	2.026	1.876	2.112	1.984	1.353	1.289	1.105	1.112	1.124	1.168	1.331
Maximum	2.651	3.905	3.288	3.680	2.764	1.966	1.635	1.419	1.264	1.254	1.480	1.661

366 days with non-zero value

Class: TSP_INT_CA (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
2	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
3	0.296	0.369		0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
4	0.296	0.369		0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
5	0.296	0.369		0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
6	0.296	0.369		0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
7	0.296	0.369		0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
8	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
9	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
10	0.296				0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
11	0.296				0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
12	0.296				0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
13	0.296		0.337	0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
14	0.296	0.369	0.337		0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
15	0.296	0.369	0.337		0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
16	0.296	0.369	0.337		0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
17	0.296	0.369	0.337		0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
18	0.296				0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
19	0.296				0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
20	0.296				0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
21	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
22	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
23	0.296	0.369			0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
24	0.296	0.369			0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
25	0.296	0.369			0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
26	0.296	0.369			0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
27	0.296	0.369			0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
28	0.296	0.369		0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
29	0.296	0.369		0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
30	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
31	0.296			0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242
Total	7.988	4.800	5.397	5.165	7.998	8.444	7.661	6.615	5.790	5.929	6.059	7.513
Average	0.266	0.155	0.174	0.178	0.258	0.281	0.247	0.220	0.187	0.191	0.202	0.242
Minimum							0.247	0.220	0.187	0.191	0.202	0.242
Maximum	0.296	0.369	0.337	0.369	0.320	0.302	0.247	0.220	0.187	0.191	0.202	0.242

307 days with non-zero value

Class: SLS_RES_WA (summed across areas) SERVED DEMAND

Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	56.012	76.365	71.227	82.423	82.536	36.561	40.892	12.381	12.551	12.845	13.032	32.856
2	68.800	65.367	80.439	69.505	86.232	43.688	39.465	12.381	13.871	12.845	13.696	27.054
3	66.973	63.534	95.178	65.814	86.232	42.262	30.902	12.381	14.003	12.448	13.431	19.802
4	72.453	63.534	108.074	73.196	82.536	40.837	30.902	12.381	13.211	12.448	12.634	18.351
5	72.453	70.866	108.074	75.041	73.296	33.711	46.601	20.968	12.419	12.448	12.899	19.802
6	72.453	78.198	119.128	69.505	67.752	32.285	42.320	35.279	12.419	12.448	12.899	12.549
7	68.800	78.198	120.971	69.505	62.207	29.435	35.183	32.417	12.419	12.448	12.501	12.549
8	57.839	81.864	111.759	67.659	64.056	23.734	32.329	23.830	12.419	12.448	12.501	22.703
9	54.185	72.699	106.232	67.659	54.815	30.860	25.193	12.381	12.419	12.448	12.501	41.559
10	52.358	58.035	108.074	71.350	62.207	33.711	26.620	12.381	12.419	12.448	12.766	29.955
11	63.319	76.365	93.335	71.350	60.359	37.987	25.193	12.381	12.419	12.713	12.501	32.856
12	57.839	92.862	78.597	76.887	52.967	52.240	26.620	12.381	12.419	12.713	12.501	34.307
13	48.705	100.194	62.015	139.635	51.119	47.964	25.193	25.261	12.419	13.639	12.501	41.559
14	48.705	107.526	49.119	159.936	52.967	35.136	32.329	29.554	12.419	13.639	12.501	43.010
15	50.532	100.194	47.277	163.627	58.511	28.435	35.183	25.261	12.419	13.176	12.501	40.109
16	59.666	105.693	58.331	137.790	62.207	42.262	23.766	28.123	12.419	13.176	12.501	43.010
17	63.319	96.528	65.700	117.489	69.600	49.389	19.484	35.279	12.419	13.110	12.501	41.559
18	65.146	127.689	71.227	58.432	69.600	56.516	12.348	20.968	12.419	13.110	12.501	38.658
19	63.319	133.188	73.070	51.049	65.904	59.366	12.348	28.123	12.419	12.515	13.564	41.559
20	70.627	127.689	78.597	60.277	67.752	47.964	22.338	25.261	12.551	12.515	14.095	38.658
21	77.934	127.689	78.597	62.123	80.688	40.837	28.047	20.968	12.419	12.779	14.361	48.812
22	65.146	116.691	91.493	67.659	80.688	42.262	30.902	19.537	12.419	12.779	14.892	53.163
23	72.453	61.701	74.912	73.196	65.904	32.285	26.620	15.243	12.419	12.448	15.025	50.262
24	63.319	61.701	62.015	71.350	60.359	32.285	29.475	12.381	12.419	12.448	15.025	47.361
25	83.414	65.367	73.070	56.586	45.575	36.561	32.329	12.381	12.947	12.581	15.424	48.812
26	90.722	72.699	84.124	52.895	45.575	47.964	28.047	12.381	12.419	12.581	15.158	54.614
27	88.895	69.033	85.966	41.822	41.879	45.113	26.620	12.381	12.419	12.448	14.494	58.965
28	79.761	76.365	76.754	52.895	38.183	40.837	22.338	12.381	12.419	12.448	14.228	56.064
29	72.453	78.198	80.439	56.586	32.639	40.837	26.620	12.381	12.419	12.448	14.494	48.812
30	76.107	83.697	73.070	78.597	36.335	30.860	30.902	19.537	12.419	12.448	14.626	48.812
31		78.198	78.597	40.031	40.031		25.193		12.419	12.448		47.361
Total	2003.710	2667.929	2565.459	2283.240	1900.711	1195.184	892.302	578.946	389.615	393.441	404.250	1195.499
Average	66.790	86.062	82.757	78.732	61.313	39.839	28.784	19.298	12.568	12.692	13.475	38.564
Minimum	48.705	58.035	47.277	41.822	32.639	23.734	12.348	12.381	12.419	12.448	12.501	12.549
Maximum	90.722	133.188	120.971	163.627	86.232	59.366	46.601	35.279	14.003	13.639	15.424	58.965

366 days with non-zero value

Class: SLS_CML_WA (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	35.580	47.469	44.679	51.095	51.085	22.409	24.557	10.680	10.750	10.814	10.865	20.497
2	42.911	41.137	50.000	43.640	53.214	25.877	23.862	10.680	11.169	10.814	11.074	17.699
3	41.863	40.081	58.515	41.510	53.214	25.183	19.688	10.680	11.211	10.689	10.990	14.202
4	45.005	40.081	65.966	45.770	51.085	24.920	19.688	10.680	10.960	10.689	10.739	13.503
5	45.005	44.303	65.966	46.835	45.761	21.021	27.339	14.867	10.708	10.689	10.823	14.202
6	45.005	48.524	72.352	43.640	42.567	20.328	25.253	21.845	10.708	10.689	10.823	10.705
7	42.911	48.524	73.416	43.640	39.372	18.940	21.775	20.450	10.708	10.689	10.697	10.705
8	36.628	50.635	68.094	42.575	40.437	16.166	20.384	16.263	10.708	10.689	10.697	15.601
9	34.533	45.358	64.901	42.575	35.113	19.634	16.906	10.680	10.708	10.689	10.697	24.693
10	33.486	36.915	65.966	44.705	39.372	21.021	17.602	10.680	10.708	10.689	10.781	19.098
11	39.769	47.469	57.451	44.705	38.308	23.102	16.906	10.680	10.708	10.773	10.697	20.497
12	36.628	56.968	48.936	47.900	34.049	30.039	17.602	10.680	10.708	10.773	10.697	21.196
13	31.392	61.189	39.357	84.109	32.984	27.958	16.906	16.961	10.708	11.066	10.697	24.693
14	31.392	65.411	31.906	95.824	34.049	21.715	20.384	19.054	10.708	11.066	10.697	25.393
15	32.439	61.189	30.842	97.954	37.243	18.940	21.775	16.961	10.708	10.919	10.697	23.994
16	37.675	64.355	37.228	83.044	39.372	25.183	16.210	18.356	10.708	10.919	10.697	25.393
17	39.769	59.078	41.486	71.330	43.631	28.651	14.124	21.845	10.708	10.898	10.697	24.693
18	40.816	77.020	44.679	37.250	43.631	32.120	10.646	14.867	10.708	10.898	10.697	23.294
19	39.769	80.186	45.743	32.990	41.502	33.507	10.646	18.356	10.708	10.710	11.032	24.693
20	43.958	77.020	48.936	38.315	42.567	27.958	15.515	16.961	10.750	10.710	11.200	23.294
21	48.146	77.020	48.936	39.380	50.020	24.490	18.297	14.867	10.708	10.793	11.284	28.190
22	40.816	70.688	56.387	42.575	50.020	25.183	19.688	14.170	10.708	10.793	11.451	30.289
23	45.005	39.026	46.807	45.770	41.502	20.328	17.602	12.076	10.708	10.689	11.493	28.890
24	39.769	39.026	39.357	44.705	38.308	20.328	18.993	10.680	10.708	10.689	11.493	27.491
25	51.288	41.137	45.743	36.185	29.789	22.409	20.384	10.680	10.876	10.731	11.619	28.190
26	55.477	45.358	52.129	34.055	29.789	27.958	18.297	10.680	10.708	10.731	11.535	30.988
27	54.430	43.247	53.193	27.665	27.660	26.571	17.602	10.680	10.708	10.689	11.326	33.086
28	49.194	47.469	47.872	34.055	25.530	24.490	15.515	10.680	10.708	10.689	11.242	31.687
29	45.005	48.524	50.000	36.185	22.336	24.490	17.602	10.680	10.708	10.689	11.326	28.190
30	47.099	51.691	45.743	24.466	24.466	19.634	19.688	14.170	10.708	10.689	11.368	28.190
31		48.524	48.936	26.595	26.595		16.906		10.708	10.689		27.491
Total	1252.760	1644.626	1591.523	1419.984	1204.572	720.122	578.339	421.596	333.421	333.740	330.133	720.729
Average	41.759	53.052	51.339	48.965	38.857	24.004	18.656	14.053	10.756	10.766	11.004	23.249
Minimum	31.392	36.915	30.842	27.665	22.336	16.166	10.646	10.680	10.708	10.689	10.697	10.705
Maximum	55.477	80.186	73.416	97.954	53.214	33.507	27.339	21.845	11.211	11.066	11.619	33.086

366 days with non-zero value

Class: SLS_FRM_WA (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	2.825	3.712	4.197	4.152	3.738	2.643	2.893	1.791	2.346	2.162	1.937	2.053
2	2.934	3.622	4.287	4.025	3.780	2.755	2.858	1.791	5.724	2.162	2.164	1.977
3	2.918	3.607	4.431	3.988	3.780	2.733	2.642	1.791	6.062	1.651	2.073	1.883
4	2.965	3.607	4.557	4.061	3.738	2.710	2.642	1.791	4.035	1.651	1.800	1.864
5	2.965	3.667	4.557	4.079	3.633	2.599	3.037	2.214	2.008	1.651	1.891	1.883
6	2.965	3.727	4.665	4.025	3.569	2.577	2.929	2.918	2.008	1.651	1.891	1.788
7	2.934	3.727	4.683	4.025	3.506	2.532	2.750	2.777	2.008	1.651	1.755	1.788
8	2.840	3.757	4.593	4.006	3.527	2.443	2.678	2.354	2.008	1.651	1.755	1.921
9	2.809	3.682	4.539	4.006	3.422	2.554	2.499	1.791	2.008	1.651	1.755	2.167
10	2.794	3.562	4.557	4.043	3.506	2.599	2.535	1.791	2.008	1.651	1.846	2.015
11	2.887	3.712	4.413	4.043	3.485	2.666	2.499	1.791	2.008	1.992	1.755	2.053
12	2.840	3.847	4.269	4.098	3.401	2.889	2.535	1.791	2.008	1.992	1.755	2.072
13	2.762	3.907	4.107	4.185	3.380	2.822	2.499	2.425	2.008	3.185	1.755	2.167
14	2.762	3.967	3.981	4.919	3.401	2.621	2.678	2.636	2.008	3.185	1.755	2.186
15	2.778	3.907	3.963	4.955	3.464	2.532	2.750	2.425	2.008	2.589	1.755	2.148
16	2.856	3.952	4.071	4.700	3.506	2.733	2.463	2.566	2.008	2.589	1.755	2.186
17	2.887	3.877	4.143	4.499	3.591	2.844	2.355	2.918	2.008	2.503	1.755	2.167
18	2.903	4.133	4.197	3.915	3.591	2.955	2.176	2.214	2.008	2.503	1.755	2.129
19	2.887	4.133	4.215	3.842	3.548	3.000	2.176	2.566	2.008	1.736	2.118	2.167
20	2.949	4.133	4.269	3.933	3.569	2.822	2.427	2.425	2.346	1.736	2.300	2.129
21	3.012	4.133	4.269	3.952	3.717	2.710	2.571	2.214	2.008	2.077	2.391	2.261
22	2.903	4.042	4.395	4.006	3.717	2.733	2.642	2.143	2.008	2.077	2.573	2.318
23	2.965	3.592	4.233	4.061	3.548	2.577	2.535	1.932	2.008	1.651	2.618	2.280
24	2.887	3.592	4.107	4.043	3.485	2.577	2.606	1.791	2.008	1.651	2.618	2.242
25	3.058	3.622	4.215	3.897	3.317	2.643	2.678	1.791	3.360	1.821	2.755	2.261
26	3.121	3.682	4.323	3.860	3.317	2.822	2.571	1.791	2.008	1.821	2.664	2.337
27	3.105	3.652	4.341	3.751	3.275	2.777	2.535	1.791	2.008	1.651	2.436	2.394
28	3.027	3.712	4.251	3.860	3.233	2.710	2.427	1.791	2.008	1.651	2.346	2.356
29	2.965	3.727	4.287	3.897	3.170	2.710	2.535	1.791	2.008	1.651	2.436	2.261
30	2.996	3.772	4.215	3.897	3.212	2.554	2.642	2.143	2.008	1.651	2.482	2.261
31		3.727	4.269		3.254		2.499		2.008	1.651		2.242
Total	87.498	117.537	133.600	119.361	108.381	80.842	80.260	63.947	74.084	60.895	62.641	65.955
Average	2.917	3.792	4.310	4.116	3.496	2.695	2.589	2.132	2.390	1.964	2.088	2.128
Minimum	2.762	3.562	3.963	3.751	3.170	2.443	2.176	1.791	2.008	1.651	1.755	1.788
Maximum	3.121	4.178	4.683	4.955	3.780	3.000	3.037	2.918	6.062	3.185	2.755	2.394

366 days with non-zero value

Class: SLS_INT_WA (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
2	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
3	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
4	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
5	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
6	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
7	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
8	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
9	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
10	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
11	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
12	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
13	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
14	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
15	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
16	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
17	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
18	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
19	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
20	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
21	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
22	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
23	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
24	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
25	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
26	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
27	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
28	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
29	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
30	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
31	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
Total	26.602	19.011	10.557	10.152	11.874	10.831	9.621	10.146	9.969	11.652	6.548	6.380
Average	0.887	0.613	0.341	0.350	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
Minimum	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206
Maximum	0.887	0.792	0.440	0.423	0.383	0.361	0.310	0.338	0.322	0.376	0.218	0.206

347 days with non-zero value

Class: TSP_FRM_WA (summed across areas) SERVED DEMAND Units: MDT

Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004
1	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
2	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
3	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
4	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
5	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
6	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
7	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
8	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
9	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
10	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
11	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
12	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
13	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
14	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
15	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
16	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
17	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
18	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
19	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
20	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
21	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
22	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
23	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
24	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
25	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
26	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
27	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
28	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
29	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
30	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
31	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
Total	499.941	560.228	579.288	560.736	556.148	478.353	521.264	520.713	549.446	502.291	518.698	541.078
Average	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
Minimum	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454
Maximum	16.665	18.072	18.687	19.336	17.940	15.945	16.815	17.357	17.724	16.203	17.290	17.454

366 days with non-zero value

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

New Energy Associates, LLC
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 Report 57

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Class: TSP_INT_WA (summed across areas)		SERVED DEMAND												Units: MDT
Day	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004		
1	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
2	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
3	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
4	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
5	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
6	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
7	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
8	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
9	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
10	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
11	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
12	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
13	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
14	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
15	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
16	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
17	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
18	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
19	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
20	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
21	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
22	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
23	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
24	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
25	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
26	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
27	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
28	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
29	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
30	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
31	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
Total	621.202	669.638	750.962	705.461	749.624	715.600	683.626	669.263	752.776	719.582	679.798	696.319		
Average	20.707	21.601	24.225	24.326	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
Minimum	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		
Maximum	20.707	27.902	31.290	29.394	24.181	23.853	22.052	22.309	24.283	23.212	22.660	22.462		

347 days with non-zero value

EXHIBIT D

TOTAL SYSTEM PEAK DAY ACTIVITY

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Peak Subperiod Demand Forecast by Class

FEB 15, 2004		Daily System Activity								Units: MDT
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA		
KLF	8.572	5.038								
LAG	4.869	3.254								
MED (any)	21.786	12.258	0.016							
MED (NWP)	7.262	4.086	0.005							
ROS	7.648	5.959	0.046			10.847	3.680			
SLT										
WWP (any)										
WWP (NWP)										
TOTAL	50.137	30.596	0.067			10.847	3.680			
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA				
KLF										
LAG										
MED (any)										
MED (NWP)										
ROS										
SLT										
WWP (any)	114.539	68.568	3.139							
WWP (NWP)	49.088	29.386	1.816		19.336					
TOTAL	163.627	97.954	4.955		19.336					

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Peak Subperiod Demand Summary

FEB 15, 2004		Daily System Activity				Units: MDT
AREA	FORECAST TOTAL DEMAND	TOTAL SERVED	TOTAL UNSERVED			
KLF	13.610	13.610	0.000			
LAG	8.123	8.123	0.000			
MED(any)	34.061	34.061	0.000			
MED(NWP)	11.354	11.354	0.000			
ROS	13.653	13.653	0.000			
SLT	14.527	14.527	0.000			
WMP(any)	186.246	186.246	0.000			
WMP(NWP)	99.627	99.627	0.000			
TOTAL	381.200	381.200	0.000			

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Daily System Activity										Units: MDT				
Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
Total	381.2		Total	225.0	Total	163.0	0.196			1728		Total		6.700
												NWP_US_TF1CA	4.706	0.071
												NWP_BC_TF1CA	3.932	0.059
												NWP_TF1_CA	8.638	
												PAIUTE_SLTCA	14.527	0.449
												LANG_PAIUTECA	6.339	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Peak Subperiod Demand Summary

FEB 15, 2008 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	DEMAND	SERVED	SERVED	UNSERVED
KLIF	15.665	15.665	0.000	0.000
LAG	8.977	8.977	0.000	0.000
MED (any)	39.783	39.783	0.000	0.000
MED (NWP)	13.261	13.261	0.000	0.000
ROS	15.828	15.828	0.000	0.000
SLT	14.895	14.895	0.000	0.000
WMP (any)	212.241	203.807	8.434	0.000
WMP (NWP)	111.041	111.041	0.000	0.000
TOTAL	431.691	423.256	8.434	0.000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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FEB 15, 2008

Daily System Activity

Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With (-Inj)	Fuel Inj	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	58.65		Hedged AECO	34.00	JP_WA	112.6			1942	78	NOVA_ANG	105.199	
SLS_CML_OR	34.78		Hedged US	13.00	JP_OR	2.623			65	68	ANG_PGT	125.195	1.139
SLS_FRM_OR	0.073		Hedged Sumas	13.00	LANG_WA	22.00			87	57	PGT_IT_WA		
SLS_INT_OR			A2 index	21.13	LANG_OR	19.20			100	58	PGT_T1X_WA	20.676	0.106
TSP_INT_OR			N_SPOT SUMAS	31.65	LANG_CA	6.535	0.196		32	37	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	11.10		N_SPOT_ROCK	37.20							PGT_T3_WA	54.544	0.279
SLS_CML_CA	3.786		P_SPOT_AECO	71.19							PGT_STFLD_WA		
TSP_INT_CA			P_SPOT_KNGGA	27.11							PGT_TNSKA_WA		
SLS_RES_WA	181.7	8.434	TSP_INT_W								PGT_STARR_WA		
SLS_CML_WA	108.5		TSP_INT_K								PGT_TOT_WWP	100.093	
SLS_FRM_WA	4.965		TSP_INT_L								NWP_SF_TFIWA	5.530	0.084
SLS_INT_WA			TSP_INT_M								NWP_ST_TFIWA		
TSP_FRM_WA	19.60		TSP_INT(GP)								NWP_US_TFIWA	37.111	0.561
TSP_INT_WA			TSP_INT_R								NWP_BC_TFIWA	25.375	0.384
			TSP_INT_S								NWTF1_WWP	68.016	
			TSP_FIRM_W	19.60							NWP_WWP	103.714	
											JPTF1_WWP		
											JPTF2_WWP	75.065	1.135
											JPSUMAS_WWP	30.394	0.460
											JP_STFLD_WA	5.613	
											LANGTF2_WWP	21.672	0.328
											NWP_BC_TFIOR	14.301	0.216
											NWP_US_TFIOR	7.638	0.116
											NWP_SF_TFIOR		
											NWTF1_TOTOR	40.853	
											NWP_KLF_OR	11.105	0.168
											NWP_ROS_OR	7.208	
											NWP_GP_OR	18.632	
											NWP_ROSGP_OR	25.840	
											NWP_MED_OR	5.371	
											NWPTOT_RS_OR	8.620	
											NWFTOT_LG_OR	8.977	
											PGTNWP_SF_OR		
											PGT_IT_OR	9.175	0.266
											PGT_T1_OR	6.939	0.201
											PGT_T1X_OR	27.697	0.803
											PGT_T3_OR	6.434	0.186
											PGT_NWPKF	11.273	
											PGT_KLFMEDOR	38.972	
											PGT_KLFOR	4.560	
											PGT_MEDOR	34.412	
											JPTF2_TOTOR	2.584	0.039
											LANGTF2_TFIOR	18.914	0.286

Avg/Act with peak, spot available
2003 IRP price and load forecast, generic suppliers
restriction on interruptible usage, expected demand

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Daily System Activity												Units: MDT					
Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj	With.	With.	Inj	Ending	Full	Transport	Deliv.	Fuel			
						(-With)	(-Inj)	Fuel	Fuel	Inv.							
Total	423.2	8.434	Total	267.9	Total		163.0	0.196		2226		Total		7.481			
												NWP_US_FF1CA	4.706	0.071			
												NWP_BC_FF1CA	4.311	0.065			
												NWP_FF1_CA	9.017				
												PAIUTE_SLTCA	14.895	0.461			
												LNG_PAUTECA	6.339				

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Peak Subperiod Demand Forecast by Class

FEB 15, 2013		Daily System Activity								Units: MDT
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA		
KLF	11.985	6.162								
LAG	6.165	3.785								
MED(any)	29.846	15.811	0.020							
MED(NWP)	9.949	5.270	0.007							
ROS	11.035	7.582	0.057							
SLT						11.424	3.919			
WWP(any)										
WWP(NWP)										
TOTAL	68.980	38.611	0.083			11.424	3.919			
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA				
KLF										
LAG										
MED(any)										
MED(NWP)										
ROS										
SLT										
WWP(any)	156.447	85.069	3.234							
WWP(NWP)	67.049	36.458	1.862		20.680					
TOTAL	223.496	121.528	5.095		20.680					

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Peak Subperiod Demand Summary

FEB 15, 2013		Daily System Activity				Units: MDT
AREA	FORECAST		TOTAL		TOTAL	
	TOTAL DEMAND	SERVED	TOTAL DEMAND	SERVED	TOTAL UNSERVED	
KLF	18.147	18.147	0.000			
LAG	9.951	9.100	0.851			
MED(any)	45.677	45.677	0.000			
MED(NWP)	15.226	15.226	0.000			
ROS	18.674	18.674	0.000			
SLT	15.342	15.342	0.000			
WWP(any)	244.750	191.594	53.156			
WWP(NWP)	126.049	126.049	0.000			
TOTAL	493.816	439.809	54.006			

FEB 15, 2013

Daily System Activity

Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With (-Inj)	Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	68.13	0.851	Hedged AECO	34.00	JP_WA	112.6		2149		86	NOVA_ANG	126.368		
SLS_CML_OR	38.61		Hedged US	13.00	JP_OR	2.623		75		79	ANG_PGT	125.228	1.140	
SLS_FRM_OR	0.083		Hedged Sumas	13.00	LANG_WA	22.00		87		57	PGT_IT_WA			
SLS_INT_OR			N_SPOT_SUMAS	33.87	LANG_OR	19.20		72		42	PGT_T1_WA	20.676	0.106	
TSP_INT_OR			N_SPOT_ROCK	37.20	LANG_CA	6.535	0.196	23		27	PGT_T1X_WA	24.873	0.127	
SLS_RES_CA	11.42		P_SPOT_AECO	92.36							PGT_T3_WA	54.544	0.279	
SLS_CML_CA	3.919		P_SPOT_KINGGA	40.81							PGT_STFLD_WA			
TSP_INT_CA			TSP_INT_W								PGT_TNSKA_WA			
SLS_RES_WA	223.4		TSP_INT_K								PGT_STARR_WA			
SLS_CML_WA	68.37	53.15	TSP_INT_L								PGT_TOT_WWP	100.093		
SLS_FRM_WA	5.095		TSP_INT_M								NWP_SF_TF1WA	5.530	0.084	
SLS_INT_WA			TSP_INT(GP)								NWP_ST_TF1WA			
TSP_FRM_WA	20.68		TSP_INT_R								NWP_US_TF1WA	37.111	0.561	
TSP_INT_WA			TSP_INT_S								NWP_BC_TF1WA	27.099	0.410	
			TSP_FIRM_W	20.68							NWPTF1_WWP	69.739		
											NWP_WWP	91.501		
											JPTF1_WWP			
											JPTF2_WWP	75.065	1.135	
											JPSUMAS_WWP	30.394	0.460	
											JP_STFLD_WA	5.613		
											LANGTF2_WWP	21.672	0.328	
											NWP_BC_TF1OR	14.301	0.216	
											NWP_US_TF1OR	7.638	0.116	
											NWP_SF_TF1OR			
											NWPTF1_TOTOR	40.853		
											NWP_KLF_OR	13.587	0.206	
											NWP_ROS_OR	10.054		
											NWP_GP_OR	15.663		
											NWP_ROSGP_OR	25.717		
											NWP_MED_OR	0.437		
											NWPTOT_RS_OR	8.620		
											NWPTOT_LG_OR	9.100		
											PGTNWP_SF_OR			
											PGT_IT_OR	22.522	0.653	
											PGT_T1_OR	6.939	0.201	
											PGT_T1X_OR	27.697	0.803	
											PGT_T3_OR	6.434	0.186	
											PGT_NWPKF	13.792		
											PGT_KLFMEDOR	49.800		
											PGT_KLFOR	4.560		
											PGT_MEDOR	45.240		
											JPTF2_TOTOR	2.584	0.039	
											LANGTF2_TF1OR	18.914	0.286	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Peak Subperiod Demand Forecast by Class

FEB 15, 2018		Daily System Activity										Units: MDT		
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA
KLF	13.528	6.927												
LAG	6.936	4.134												
MED(any)	34.518	17.417	0.022											
MED(NWP)	11.506	5.806	0.007											
ROS	13.480	8.503	0.063											
SLT														
WWP(any)						11.739	4.051							
WWP(NWP)														
TOTAL	79.968	42.786	0.092			11.739	4.051							
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA								
KLF														
LAG														
MED(any)														
MED(NWP)														
ROS														
SLT														
WWP(any)	177.372	93.905	3.200						21.060					
WWP(NWP)	76.017	40.245	1.843						21.060					
TOTAL	253.389	134.150	5.043						21.060					

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Peak Subperiod Demand Summary

FEB 15, 2018 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL SERVED	TOTAL UNSERVED
	TOTAL DEMAND	TOTAL		
KLF	20.455	20.455	0.000	0.000
LAG	11.069	9.100	1.969	1.969
MED (any)	51.957	49.110	2.846	2.846
MED (NWP)	17.319	15.194	2.125	2.125
ROS	22.046	22.046	0.000	0.000
SLT	15.790	15.790	0.000	0.000
WWP (any)	274.478	186.795	87.683	87.683
WWP (NWP)	139.164	139.164	0.000	0.000
TOTAL	552.277	457.654	94.623	94.623

FEB 15, 2018 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	73.02	6.940	Hedged AECO	34.00	JP_WA	112.6			2149	86	NOVA_ANG	126.368	
SLS_CML_OR	42.78		Hedged US	13.00	JP_OR	2.623			70	74	ANG_PGT	125.228	1.140
SLS_FRM_OR	0.092		Hedged Sumas	13.00	LNG_WA	22.00			71	46	PGT_IT_WA		
SLS_INT_OR			N_SPOT SUMAS	42.39	LNG_OR	19.20			57	33	PGT_T1_WA	20.676	0.106
TSP_INT_OR			N_SPOT_ROCK	37.20	LNG_CA	6.535	0.196		17	19	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	11.73		P_SPOT AECO	92.36							PGT_T3_WA	54.544	0.279
SLS_CML_CA	4.051		P_SPOT_KNGGA	50.27							PGT_STFLD_WA		
TSP_INT_CA			TSP_INT_W								PGT_TNSKA_WA		
SLS_RES_WA	165.7	87.68	TSP_INT_K								PGT_STARR_WA		
SLS_CML_WA	134.1		TSP_INT_L								PGT_TOT_WWP	100.093	
SLS_FRM_WA	5.043		TSP_INT_M								NWP_SF_TFIWA	5.530	0.084
SLS_INT_WA			TSP_INT(GP)								NWP_ST_TFIWA		
TSP_RES_WA	21.06		TSP_INT_R								NWP_US_TFIWA	37.111	0.561
TSP_FRM_WA			TSP_INT_S								NWP_BC_TFIWA	35.035	0.530
TSP_INT_WA			TSP_FIRM_W	21.06							NWPTFI_WWP	77.675	
											NWP_WWP	86.702	
											JPTFI_WWP		
											JPTF2_WWP	75.065	1.135
											JPSUMAS_WWP	30.394	0.460
											JP_STFLD_WA	5.613	
											LNGTF2_WWP	21.672	0.328
											NWP_BC_TFIOR	14.301	0.216
											NWP_US_TFIOR	7.638	0.116
											NWP_SF_TFIOR	2.903	0.044
											NWPTFI_TOTOR	43.756	
											NWP_KLF_OR	18.165	0.275
											NWP_ROS_OR	13.426	
											NWP_GP_OR	15.194	
											NWP_ROSGP_OR	28.620	
											NWP_MED_OR		
											NWPTOT_RS_OR	8.620	
											NWPTOT_LG_OR	9.100	
											PGTNMP_SF_OR	2.947	
											PGT_IT_OR	31.717	0.919
											PGT_T1_OR	6.939	0.201
											PGT_T1X_OR	27.697	0.803
											PGT_T3_OR	6.434	0.186
											PGT_NWPKF	18.440	
											PGT_KLFMEDOR	51.400	
											PGT_KLFOR	2.290	
											PGT_MEDOR	49.110	
											JPTF2_TOTOR	2.584	0.039
											LNGTF2_TFIOR	18.914	0.286

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Daily System Activity										Units: MDT			
Demand	Suppl. Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
Total	457.6	94.62	Total	303.2	Total	163.0	0.196		2364		Total		8.473
											NWP_US_TF1CA	4.706	0.071
											NWP_BC_TF1CA	5.234	0.079
											NWP_TF1_CA	9.939	
											PAIUTE_SLTCA	15.790	0.488
											LNG_PAIUTECA	6.339	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Forecast by Class

FEB 15, 2023		Daily System Activity										Units: MDT		
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA
KLF	14.886	7.631												
LAG	7.623	4.427												
MED(any)	38.609	18.613	0.024											
MED(NWP)	12.870	6.204	0.008											
ROS	15.803	9.273												
SLT														
WWP(any)						11.991	4.157							
WWP(NWP)														
TOTAL	89.791	46.148	0.098			11.991	4.157							
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA								
KLF														
LAG														
MED(any)														
MED(NWP)														
ROS														
SLT														
WWP(any)	193.003	100.897	3.181						21.291					
WWP(NWP)	82.715	43.241	1.831											
TOTAL	275.718	144.138	5.012						21.291					

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Peak Subperiod Demand Summary

FEB 15, 2023		Daily System Activity		Units: MDT
AREA	FORECAST TOTAL DEMAND	TOTAL SERVED	TOTAL UNSERVED	
KLF	22.517	22.517	0.000	
LAG	12.050	9.100	2.950	
MED(any)	57.246	57.246	0.000	
MED(NWP)	19.082	5.855	13.227	
ROS	25.143	22.173	2.970	
SLT	16.148	16.148	0.000	
WPP(any)	297.080	177.111	119.969	
WPP(NWP)	149.079	149.079	0.000	
TOTAL	598.344	459.228	139.116	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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FEB 15, 2023 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj	With.	Inj	Ending	%	Transport	Deliv.	Fuel
						(-With)	(-Inj)	Fuel	Inv.	Full			
SLS_RES_OR	73.97	15.82	Hedged AECO	34.00	JP_WA	112.6			2149	86	NOVA_ANG	126.368	
SLS_CML_OR	42.82	3.319	Hedged US	13.00	JP_OR	0.746			4	4	ANG_PGT	125.228	1.140
SLS_FRM_OR	0.090	0.008	Hedged Sumas	13.00	LNG_WA	22.00			22	14	PGT_IT_WA		
SLS_INT_OR			N_SPOT_SUMAS	43.67	LNG_OR	14.02			26	15	PGT_T1_WA	20.676	0.106
TSP_INT_OR			N_SPOT_ROCK	37.20	LNG_CA	5.612	0.168		13	15	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	11.99		P_SPOT_AECO	92.36							PGT_T3_WA	54.544	0.279
SLS_CML_CA	4.157		P_SPOT_KNGGA	58.55							PGT_STFLD_WA		
TSP_INT_CA			TSP_INT_W								PGT_TNSKA_WA		
SLS_RES_WA	155.7	119.9	TSP_INT_K								PGT_STARR_WA		
SLS_CML_WA	144.1		TSP_INT_L								PGT_TOT_WWP	100.093	
SLS_FRM_WA	5.012		TSP_INT_M								NWP_SF_TF1WA	5.530	0.084
SLS_INT_WA			TSP_INT(GP)								NWP_ST_TF1WA		
TSP_FRM_WA	21.29		TSP_INT_R								NWP_US_TF1WA	37.111	0.561
TSP_INT_WA			TSP_INT_S								NWP_BC_TF1WA	35.035	0.530
			TSP_FIRM_W	21.29							NWPTF1_WWP	77.675	
											NWP_WWP	77.018	
											JPTF1_WWP		
											JPTF2_WWP	75.065	1.135
											JPSUMAS_WWP	30.394	0.460
											JP_STFLD_WA	5.613	
											LANGTF2_WWP	21.672	0.328
											NWP_BC_TF1OR	14.301	0.216
											NWP_US_TF1OR	7.638	0.116
											NWP_SF_TF1OR	9.851	0.149
											NWPTF1_TOTOR	45.605	
											NWP_KLF_OR	19.150	0.290
											NWP_ROS_OR	13.553	
											NWP_GP_OR	15.067	
											NWP_ROSGE_OR	28.620	
											NWP_MED_OR	9.212	
											NWPTOT_RS_OR	8.620	
											NWPTOT_LG_OR	9.100	
											PGTNWP_SF_OR	10.000	
											PGT_IT_OR	39.770	1.152
											PGT_T1_OR	6.939	0.201
											PGT_T1X_OR	27.697	0.803
											PGT_T3_OR	6.434	0.186
											PGT_NWPKF	19.440	
											PGT_KLFMEDOR	51.400	
											PGT_KLFOR	3.366	
											PGT_MEDOR	48.034	
											JPTF2_TOTOR	0.735	0.011
											LANGTF2_TF1OR	13.815	0.209

Avg/Act with peak, spot available
2003 IRP price and load forecast, generic suppliers
restriction on Interruptible usage, expected demand

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FEB 15, 2023 Daily System Activity Units: MDT

Demand	Suppl. Unsup. Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
Total	459.2	139.1	Total	313.0	Total	155.0	0.168	2214	Total	Total	8.752	
NWP_US_TF1CA								4.706				0.071
NWP_BC_TF1CA								6.498				0.098
NWP_TF1_CA								11.204				
PAIUTE_SLTCA								16.148				0.499
LNG_PAIUTECA								5.444				

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EXHIBIT E

MONTH-BY-MONTH SYSTEM FLOW

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Month-by-Month System Flow

Units: MDT

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
Served Demand													
SLS_RES_OR	668.442	967.255	867.727	811.908	644.427	456.120	316.299	129.576	131.144	130.922	216.005	392.133	5731.959
SLS_CML_OR	436.787	607.690	552.815	520.435	427.012	300.052	234.855	133.540	136.230	136.040	177.546	269.654	3932.657
SLS_FRM_OR	2.062	2.093	1.688	1.867	1.616	1.691	1.784	1.543	2.426	2.461	35.679	4.843	59.754
SLS_INT_OR	41.348	24.677	29.858	50.241	57.777	59.795	49.843	52.704	48.389	43.617	34.001	33.689	525.940
TSP_INT_OR	325.966	150.309	102.180	187.447	276.643	358.573	490.360	458.568	467.143	437.912	472.855	383.924	4111.879
SLS_RES_CA	170.649	219.123	209.305	199.771	183.964	108.483	92.420	50.345	47.405	47.762	72.407	97.427	1499.062
SLS_CML_CA	67.872	80.873	79.815	75.788	72.741	48.277	44.730	36.785	36.336	36.366	39.940	46.007	665.530
TSP_INT_CA	7.988	4.800	5.397	5.165	7.998	8.444	7.661	6.615	5.790	5.929	6.059	7.513	79.359
SLS_RES_WA	2003.710	2667.929	2565.459	2283.240	1900.711	1195.184	892.302	578.946	389.615	393.441	404.250	1195.499	16470.287
SLS_CML_WA	1252.760	1644.626	1591.523	1419.984	1204.572	720.122	578.339	421.596	333.421	333.740	330.133	720.729	10551.545
SLS_FRM_WA	87.498	117.537	133.600	119.361	108.381	80.842	80.260	63.947	74.084	60.895	62.641	65.955	1055.002
SLS_INT_WA	26.602	19.011	10.557	10.152	11.874	10.831	9.621	10.146	9.969	11.652	6.548	6.380	143.343
TSP_FRM_WA	499.941	560.228	579.288	560.736	556.148	478.353	521.264	520.713	549.446	502.291	518.698	541.078	6388.184
TSP_INT_WA	621.202	669.638	750.962	705.461	749.624	715.600	683.626	669.263	752.776	719.582	679.798	696.319	8413.851
Total Served	6212.826	7735.788	7480.177	6951.558	6203.488	4542.367	4003.364	3134.288	2984.174	2862.610	3056.560	4461.150	59628.351
Served Rt Mkrtr Imbalance													
Total Imbal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Consumed													
Transport	94.387	131.530	117.980	112.317	91.384	56.703	54.347	42.430	31.644	31.280	39.905	51.504	855.412
Injection	0.179	1.487	0.000	2.341	0.000	1.685	11.908	14.454	6.934	4.011	9.813	1.329	54.141
Withdrawal	0.000	0.360	0.184	0.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.524
Total Fuel	94.566	133.377	118.164	115.639	91.384	58.388	66.256	56.883	38.578	35.290	49.718	52.834	911.077
Storage Injections													
JP_STORAGE	15.019	124.537	0.000	196.076	0.000	0.000	718.620	865.501	224.244	228.585	544.179	0.000	2916.762
LNG_STORAGE	0.000	0.000	0.000	0.000	0.000	48.534	56.120	57.690	59.613	43.907	32.424	19.272	317.561
Total Inj	15.019	124.537	0.000	196.076	0.000	48.534	774.740	923.191	283.857	272.492	576.603	19.272	3234.322
Total Req	6322.412	7993.703	7598.340	7263.273	6294.872	4649.289	4844.359	4114.363	3306.609	3170.392	3682.881	4533.256	63773.750
Sources of Supply													
Alberta	3203.979	4035.065	3792.266	3055.466	3074.475	1915.686	1507.932	1228.767	1258.569	1249.304	1217.970	1828.547	27368.026
BC	292.500	490.565	465.000	383.393	263.500	168.719	79.628	60.000	62.000	62.000	60.000	116.317	2503.622
Rockies	1377.230	1533.417	1496.112	890.676	747.825	1010.101	1553.889	1170.437	210.884	193.375	727.501	964.534	11875.980
SPOT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PK_SUP/PROP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Winter	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Annual	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE Other	1433.684	1263.779	1418.843	1439.445	1572.766	1554.783	1702.911	1655.159	1775.156	1665.714	1677.410	1623.858	18783.507
Total Take	6307.393	7322.826	7172.221	5768.979	5658.567	4649.289	4844.359	4114.363	3306.609	3170.392	3682.881	4533.256	60531.136

Units: MDT

Month-by-Month System Flow

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
Storage Withdrawals													
JP_STORAGE	15.019	589.817	420.001	1255.619	636.306	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2916.762
LNG_STORAGE	0.000	81.059	6.118	238.675	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	325.853
Total With	15.019	670.876	426.119	1494.294	636.306	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3242.614
Total Supply	6322.412	7993.703	7598.340	7263.273	6294.872	4649.289	4844.359	4114.363	3306.609	3170.392	3682.881	4533.256	63773.750

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
Storage Inventory Adjustments													
JP_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inv Adj	0	0	0	0	0	0	0	0	0	0	0	0	0

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
Start of Month Inventory													
JP_STORAGE	2581	2581	2116	1696	636	0	0	719	1584	1808	2037	2581	2581
LNG_STORAGE	412	412	331	325	86	86	135	191	248	308	352	384	412
Total Inv	2993	2993	2447	2021	722	86	135	909	1833	2116	2389	2966	2993

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
Transportation Deliveries													
NOVA_ANG	2101.959	2872.885	2653.512	1990.180	1935.721	1447.716	1024.363	760.797	775.000	775.000	750.000	1350.947	18438.080
ANG_PGT	2711.333	3496.250	3278.856	2579.617	2567.539	1434.659	1015.124	753.936	768.010	768.010	743.236	1338.763	21455.333
PGT_IT_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PGT_T1_WA	150.957	474.832	402.357	312.932	117.840	31.043	0.000	0.000	0.000	0.000	0.000	0.000	1489.961
PGT_T1X_WA	657.819	767.321	759.555	547.201	537.303	588.621	500.638	405.563	465.799	457.125	497.198	532.977	6717.119
PGT_T3_WA	1566.361	1675.607	1651.992	1332.929	1620.147	785.221	638.471	639.415	599.442	599.791	450.081	883.976	12443.433
PGT_STFLD_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PGT_TNSKA_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PGT_STARR_WA	23.662	124.756	32.558	184.306	18.057	0.000	46.744	292.733	500.279	497.106	384.779	24.959	2129.940
PGT_TOT_WWP	2351.474	2793.004	2781.346	2008.755	2257.232	1404.885	1092.366	752.245	564.962	559.810	562.500	1391.994	18520.573
NWP_SF_TF1WA	0.000	0.000	0.000	22.119	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.119
NWP_ST_TF1WA	23.310	122.898	32.073	181.560	17.788	0.000	46.047	288.372	492.825	489.699	379.046	24.587	2098.204
NWP_US_TF1WA	986.381	1127.896	1091.147	519.421	354.009	625.104	1150.431	859.931	0.000	0.000	410.733	573.516	7698.568
NWP_BC_TF1WA	9.809	46.925	1.965	6.833	0.000	0.000	0.000	0.000	0.000	0.000	1.970	0.000	67.502
NWPTF1_WWP	1004.301	1171.694	1125.185	531.515	371.798	602.094	468.157	322.391	242.126	239.918	241.072	596.569	6916.819
NWP_WWP	7.925	321.368	229.452	674.161	0.645	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1233.551
JPTF1_WWP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JPTF2_WWP	14.795	562.825	394.609	821.381	596.509	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2390.119
JFSUMAS_WWP	0.000	5.284	0.000	362.726	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	368.010
JP_STFLD_WA	0.000	0.000	0.000	22.453	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	22.453
LNGTF2_WWP	0.000	0.000	0.000	108.361	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	108.361
NWP_BC_TF1OR	169.645	280.388	307.425	253.408	137.183	143.109	71.613	20.255	0.000	0.000	19.408	102.317	1504.750
NWP_US_TF1OR	229.154	236.792	236.792	221.515	236.792	229.154	236.792	229.154	169.117	164.839	214.896	236.792	2641.791

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Month-by-Month Costs
 Units: K\$

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
SUPPLY COSTS													
VARIABLE													
Commodity	17781.36	23350.31	22703.21	17591.36	14698.43	10207.17	10284.57	8108.602	4993.741	4969.348	6723.416	9946.411	151357.96
Penalty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other 1	-112.867	-116.629	-116.629	-88.2041	-116.629	-55.8030	-57.6631	-55.8030	-57.6631	-57.6631	-55.8030	-57.6631	-949.0222
Subtotal	17668.49	23233.68	22586.58	17503.15	14581.80	10151.37	10226.91	8052.799	4936.078	4911.685	6667.613	9888.747	150408.94
FIXED													
Demand (D1)	375.6205	388.1405	388.1405	350.5794	388.1405	308.5296	318.8135	308.5296	318.8135	318.8135	308.5296	318.8135	4091.4643
Subtotal	375.6205	388.1405	388.1405	350.5794	388.1405	308.5296	318.8135	308.5296	318.8135	318.8135	308.5296	318.8135	4091.4643
TOTAL	18044.11	23621.82	22974.72	17853.73	14969.94	10459.90	10545.72	8361.328	5254.891	5230.498	6976.142	10207.56	154500.40

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
STORAGE COSTS													
VARIABLE													
Injection	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	31.1080	30.1045	31.1080	28.1508	15.2461	10.7619	176.5840
Withdrawal	0.0000	2.5069	0.0000	6.8178	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	9.3247
Carrying	68.9626	57.0977	47.1931	17.3713	2.0780	3.5276	22.8415	46.0148	53.2391	60.1796	74.9403	75.5366	528.9822
Subtotal	68.9626	59.6047	47.1931	24.1891	2.0780	33.6321	53.9496	76.1193	84.3472	88.3304	90.1864	86.2985	714.8909
FIXED													
Demand (D1)	45.9784	45.9784	45.9784	45.9784	45.9784	45.9784	45.9784	45.9784	45.9784	45.9784	45.9784	45.9784	551.7408
Demand (D2)	179.0269	179.0269	179.0269	179.0269	179.0269	179.0269	179.0269	179.0269	179.0269	179.0269	179.0269	179.0269	2148.3229
Subtotal	225.0053	225.0053	225.0053	225.0053	225.0053	225.0053	225.0053	225.0053	225.0053	225.0053	225.0053	225.0053	2700.0636
TOTAL	293.9679	284.6100	272.1984	249.1944	227.0833	258.6374	278.9549	301.1246	309.3525	313.3357	315.1917	311.3038	3414.9545

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
TRANSPORTATION COSTS													
VARIABLE													
Trans	133.0061	209.1904	161.4980	171.9443	126.7410	84.1545	91.2678	75.8412	47.4727	46.5030	62.8831	77.8437	1288.3458
Subtotal	133.0061	209.1904	161.4980	171.9443	126.7410	84.1545	91.2678	75.8412	47.4727	46.5030	62.8831	77.8437	1288.3458
FIXED													
Demand	3997.140	4008.082	3936.540	3975.424	3706.721	3064.927	3089.752	3089.752	3089.752	3089.752	3089.752	3293.447	42316.717
Subtotal	3997.140	4008.082	3936.540	3975.424	3706.721	3064.927	3089.752	3089.752	3089.752	3089.752	3089.752	3293.447	42316.717
TOTAL	4130.146	4217.272	4098.038	4147.369	4102.165	3790.876	3156.195	3165.593	3137.224	3136.255	3152.635	3371.290	43605.063

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
REVENUES													
Cap Deal Relea	-287.218	-296.792	-296.792	-277.644	-296.792	-287.218	-296.792	-287.218	-296.792	-296.792	-287.218	-296.792	-3504.066
Off Sys Sales	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	-287.218	-296.792	-296.792	-277.644	-296.792	-287.218	-296.792	-287.218	-296.792	-296.792	-287.218	-296.792	-3504.066

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

New Energy Associates, LLC
 SENDOUT® Version 10.0.1 REP002B
 Report 2B (Continued)

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Month-by-Month Costs

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
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Units: K\$

SYSTEM COST

Variable	17870.46	23502.47	22795.27	17699.29	14710.62	10269.15	10372.13	8204.759	5067.898	5046.518	6820.682	10052.89	152412.18
Fixed	4597.766	4621.228	4549.686	4551.009	4588.570	4240.256	3608.746	3623.287	3633.570	3633.570	3623.287	3837.266	49108.245
Revenue	-287.218	-296.792	-296.792	-277.644	-296.792	-287.218	-296.792	-287.218	-296.792	-296.792	-287.218	-296.792	-3504.066
SYSTEM COST	22181.01	27826.91	27048.16	21972.65	19002.40	14222.19	13684.08	11540.82	8404.676	8383.297	10156.75	13593.36	198016.35

AVERAGE COSTS

Avg Transp	0.0280	0.0329	0.0267	0.0313	0.0275	0.0282	0.0397	0.0513	0.0393	0.0389	0.0456	0.0275	0.0317
Avg Variable	3.7561	3.7007	3.7726	3.2223	3.1889	3.4444	4.5087	5.5470	4.1917	4.2163	4.9456	3.5494	3.7508
Avg Total	4.6621	4.3816	4.4764	4.0003	4.1192	4.7703	5.9484	7.8024	6.9517	7.0042	7.3645	4.7994	4.8730

Total Served Demand (Less End Users) in Units: MDT

TOTAL SERVED	4757.730	6350.814	6042.349	5492.749	4613.076	2981.397	2300.453	1479.129	1209.018	1196.897	1379.150	2832.317	40635.078
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Average Commodity / Wellhead Cost Report

Units: MDT

	NOV 2003	DEC 2003	JAN 2004	FEB 2004	MAR 2004	APR 2004	MAY 2004	JUN 2004	JUL 2004	AUG 2004	SEP 2004	OCT 2004	Total
SUPPLY GROUP: Alberta													
Total Take	3203.979	4035.065	3792.266	3055.466	3074.475	1915.686	1507.932	1228.767	1258.569	1249.304	1217.970	1828.547	27368.026
Total Cost	11690.65	15483.33	14901.19	12428.61	11113.75	6429.709	5020.918	4140.640	4295.510	4320.348	4200.989	6369.924	100395.59
Average Cost	3.6488	3.8372	3.9294	4.0677	3.6148	3.3563	3.3297	3.3698	3.4130	3.4582	3.4492	3.4836	3.6684
SUPPLY GROUP: BC													
Total Take	292.500	490.565	465.000	383.393	263.500	168.719	79.628	60.000	62.000	62.000	60.000	116.317	2503.622
Total Cost	1214.167	2125.762	2061.345	1678.827	1085.066	594.8667	280.4442	214.7940	224.9360	227.7260	220.0800	426.8372	10354.853
Average Cost	4.1510	4.3333	4.4333	4.3789	4.1179	3.5258	3.5219	3.5799	3.6280	3.6730	3.6680	3.6696	4.1359
SUPPLY GROUP: Rockies													
Total Take	1377.230	1533.417	1496.112	890.676	747.825	1010.101	1553.889	1170.437	210.884	193.375	727.501	964.534	11875.980
Total Cost	5139.297	6012.729	6012.185	3746.297	2771.126	3435.324	5244.366	4005.894	734.4454	682.4248	2555.073	3410.799	43749.965
Average Cost	3.7316	3.9211	4.0185	4.2061	3.7056	3.4010	3.3750	3.4226	3.4827	3.5290	3.5121	3.5362	3.6839
SUPPLY GROUP: SPOT													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: PK_SUP/PROP													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: Winter													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: Annual													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: NE Other													
Total Take	1433.684	1263.779	1418.843	1439.445	1572.766	1554.783	1702.911	1655.159	1775.156	1665.714	1677.410	1623.858	18783.507
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GRAND TOTALS:													
Total Take	6307.393	7322.826	7172.221	5768.979	5658.567	4649.289	4844.359	4114.363	3306.609	3170.392	3682.881	4533.256	60531.136
Total Cost	18044.11	23621.82	22974.72	17853.73	14969.94	10459.90	10545.72	8361.328	5254.891	5230.498	6976.142	10207.56	154500.40
Average Cost	2.8608	3.2258	3.2033	3.0948	2.6455	2.2498	2.1769	2.0322	1.5892	1.6498	1.8942	2.2517	2.5524

Month-by-Month System Flow

Units: MDT

	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	MAY 2008	JUN 2008	JUL 2008	AUG 2008	SEP 2008	OCT 2008	Total
Served Demand													
SLS_RES_OR	784.252	1133.048	1015.672	950.142	754.167	533.908	370.295	151.734	153.621	153.435	252.748	458.433	6711.455
SLS_CML_OR	500.015	694.863	629.143	591.936	485.943	341.741	267.078	152.486	155.629	155.451	202.259	306.941	4483.485
SLS_FRM_OR	2.232	2.266	1.827	2.021	1.749	1.830	1.931	1.671	2.626	2.663	38.620	5.242	64.679
SLS_INT_OR	46.683	27.675	33.297	56.628	64.680	67.025	56.320	59.632	54.529	49.286	38.531	38.229	592.516
TSP_INT_OR	361.031	165.769	114.240	208.590	306.291	395.262	540.119	504.469	513.638	481.913	521.607	423.818	4536.746
SLS_RES_CA	175.052	224.746	214.348	204.589	188.407	111.106	94.654	51.563	48.553	48.920	74.159	99.785	1535.882
SLS_CML_CA	69.861	83.253	82.112	77.969	74.845	49.668	46.046	37.868	37.400	37.435	41.108	47.354	684.919
TSP_INT_CA	8.288	4.939	5.569	5.326	8.266	8.755	7.995	6.948	6.124	6.263	6.392	7.846	82.711
SLS_RES_WA	2323.308	3096.531	2981.992	2643.767	2209.312	1389.240	1037.177	672.946	452.874	457.322	469.886	1389.602	19123.956
SLS_CML_WA	1390.000	1824.452	1763.140	1573.083	1334.471	797.758	640.688	467.045	369.369	369.722	365.730	798.422	11693.880
SLS_FRM_WA	88.253	118.551	133.852	119.586	108.586	80.995	80.411	64.068	74.223	61.010	62.759	66.079	1058.374
SLS_INT_WA	27.412	19.590	10.879	10.462	12.236	11.161	9.914	10.455	10.273	12.008	6.747	6.574	147.711
TSP_FRM_WA	506.929	568.059	587.456	568.643	563.990	485.098	528.614	528.055	557.194	509.373	526.012	548.708	6478.132
TSP_INT_WA	657.822	709.113	779.974	732.715	778.584	743.246	710.037	695.119	781.858	747.381	706.060	723.219	8765.127
Total Served	6941.137	8672.855	8353.502	7745.457	6891.527	5016.793	4391.279	3404.058	3217.910	3092.181	3312.619	4920.254	65959.573
Served Rt Mrktr Imbalance	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Consumed													
Transport	116.397	155.826	144.291	131.329	114.811	80.578	62.622	64.656	34.032	64.702	55.348	74.630	1099.225
Injection	0.034	2.890	1.773	3.540	0.000	4.213	4.553	15.007	4.880	17.190	10.676	3.975	68.731
Withdrawal	0.000	0.416	0.262	1.154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.832
Total Fuel	116.431	159.132	146.326	136.024	114.811	84.791	67.175	79.664	38.912	81.893	66.024	78.605	1169.788
Storage Injections													
JP_STORAGE	2.834	242.036	148.460	296.488	0.000	0.000	16.701	903.991	44.104	1075.061	541.272	0.000	3270.946
LNG_STORAGE	0.000	0.000	0.000	0.000	0.000	57.596	59.516	57.596	59.516	59.516	57.596	47.294	398.631
Total Inj	2.834	242.036	148.460	296.488	0.000	57.596	76.217	961.587	103.620	1134.577	598.868	47.294	3669.577
Total Req	7060.402	9074.023	8648.289	8177.968	7006.339	5159.180	4534.671	4445.309	3360.442	4308.652	3977.511	5046.153	70798.938
Sources of Supply													
Alberta	3919.546	4636.028	4407.901	3084.103	3810.465	2734.339	2249.734	2338.581	1206.862	2273.142	1827.552	2705.535	35193.789
BC	385.101	1015.676	824.740	696.027	263.500	78.713	79.960	60.000	62.000	62.000	60.000	86.510	3674.227
Rockies	1229.719	1556.293	1556.293	949.256	547.686	720.475	418.211	312.136	232.766	228.580	329.887	555.968	8637.271
SPOT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PK_SUP/PROP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Winter	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Annual	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE Other	1510.918	1318.491	1465.994	1493.703	1637.845	1625.653	1786.765	1734.591	1858.814	1744.930	1760.072	1698.140	19635.916
Total Take	7045.284	8526.488	8254.927	6223.089	6259.496	5159.180	4534.671	4445.309	3360.442	4308.652	3977.511	5046.153	67141.202

Month-by-Month System Flow

Units: MDT

	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	MAY 2008	JUN 2008	JUL 2008	AUG 2008	SEP 2008	OCT 2008	Total
Storage Withdrawals													
JP_STORAGE	15.118	519.102	384.618	1605.265	746.842	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3270.946
LNG_STORAGE	0.000	28.432	8.744	349.613	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	386.789
Total With	15.118	547.534	393.362	1954.879	746.842	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3657.736
Total Supply	7060.402	9074.023	8648.289	8177.968	7006.339	5159.180	4534.671	4445.309	3360.442	4308.652	3977.511	5046.153	70798.938
Storage Inventory Adjustments													
JP_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inv Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Start of Month Inventory													
JP_STORAGE	2581	2569	2292	2056	747	0	0	0	0	0	0	0	2581
LNG_STORAGE	400	400	372	363	13	13	71	130	188	248	307	365	400
Total Inv	2981	2969	2663	2419	760	13	71	147	1109	1212	2347	2946	2981
Transportation Deliveries													
NOVA_ANG	3146.214	3261.169	3261.169	2196.383	3108.115	2734.111	2249.734	2338.581	1206.862	2273.142	1827.552	2705.535	30308.569
ANG_PGT	3746.169	3881.032	3881.032	2783.961	3729.359	2709.452	2229.444	2317.490	1195.977	2252.641	1811.070	2681.134	33218.762
PGT_IT_WA	1.060	127.623	5.831	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	134.514
PGT_T1_WA	489.656	597.513	640.963	338.372	405.638	331.847	170.435	450.523	20.676	336.314	20.676	22.683	3825.297
PGT_T1X_WA	746.182	771.055	771.055	569.889	752.828	740.774	727.431	746.182	378.165	771.055	696.437	677.776	8348.830
PGT_T3_WA	1636.319	1690.862	1690.862	1114.096	1650.211	895.419	871.255	895.419	581.454	925.266	771.495	1411.022	14133.681
PGT_STFLD_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PGT_TNSKA_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PGT_STARR_WA	248.402	201.699	143.904	58.814	309.791	373.768	531.388	1241.965	345.578	1402.593	855.022	529.007	6241.931
PGT_TOT_WWP	2624.816	2985.355	2964.807	1963.543	2498.885	1594.272	1237.734	850.159	634.717	630.043	633.586	1582.475	20200.391
NWP_SF_TF1WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	27.648
NWP_ST_TF1WA	244.700	198.694	141.760	57.938	305.175	368.199	523.471	1223.460	340.429	1381.694	842.282	521.124	6148.926
NWP_US_TF1WA	843.954	1150.431	1150.431	577.128	156.853	339.692	30.763	0.000	0.000	0.000	0.000	175.685	4424.938
NWP_BC_TF1WA	103.478	559.761	413.009	355.253	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1431.501
NWPTF1_WWP	1189.264	1663.961	1554.968	717.939	462.028	684.881	530.457	364.354	272.022	270.018	271.537	678.203	8659.632
NWP_WWP	55.466	556.032	458.097	1076.231	66.338	1.135	0.000	0.000	0.000	0.000	0.000	0.000	2213.299
JPTF1_WWP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JPTF2_WWP	0.000	172.327	115.080	997.687	105.232	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1390.327
JPSUMAS_WWP	14.893	326.121	255.008	516.698	598.460	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1711.180
JP_STFLD_WA	0.000	0.000	0.000	28.066	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	28.066
LNGTF2_WWP	0.000	0.000	0.000	151.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	151.031
NWP_BC_TF1OR	157.572	278.267	245.663	211.328	130.311	38.781	64.771	32.302	0.000	0.000	30.591	57.004	1246.590
NWP_US_TF1OR	229.154	236.792	236.792	221.515	236.792	229.154	236.792	229.154	188.392	183.854	221.716	235.156	2685.265

	Month-by-Month Costs												Total
	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	MAY 2008	JUN 2008	JUL 2008	AUG 2008	SEP 2008	OCT 2008	

Units: K\$

	SUPPLY COSTS												
VARIABLE													
Commodity	22323.87	30679.50	29800.72	22848.31	18801.03	12824.48	9934.291	9864.810	5533.992	9484.680	8236.336	12505.67	192837.71
Penalty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other 1	-57.0645	-58.9666	-58.9666	-55.1623	-58.9666	-58.9666	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-289.1268
Subtotal	22266.80	30620.53	29741.75	22793.14	18742.06	12824.48	9934.291	9864.810	5533.992	9484.680	8236.336	12505.67	192548.58
FIXED													
Demand (D1)	78.8800	81.5092	81.5092	73.6217	81.5092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	397.0294
Subtotal	78.8800	81.5092	81.5092	73.6217	81.5092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	397.0294
TOTAL	22345.68	30702.04	29823.26	22866.77	18823.57	12824.48	9934.291	9864.810	5533.992	9484.680	8236.336	12505.67	192945.61

	STORAGE COSTS												
VARIABLE													
Injection	0.0000	0.0000	0.0000	0.0000	0.0000	32.3544	33.4328	32.3544	33.4328	33.4328	32.3544	24.9390	222.3007
Withdrawal	0.0000	0.5991	0.0000	11.1319	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11.7311
Carrying	82.8931	75.5940	69.5306	22.2618	0.4522	2.3647	4.7913	31.5897	34.8152	66.9124	84.0524	85.6643	560.9217
Subtotal	82.8931	76.1931	69.5306	33.3937	0.4522	34.7191	38.2242	63.9441	68.2480	100.3452	116.4067	110.6034	794.9534
FIXED													
Demand (D1)	51.9516	51.9516	51.9516	51.9516	51.9516	51.9516	51.9516	51.9516	51.9516	51.9516	51.9516	51.9516	623.4197
Demand (D2)	194.4824	194.4824	194.4824	194.4824	194.4824	194.4824	194.4824	194.4824	194.4824	194.4824	194.4824	194.4824	2333.7888
Subtotal	246.4340	246.4340	246.4340	246.4340	246.4340	246.4340	246.4340	246.4340	246.4340	246.4340	246.4340	246.4340	2957.2085
TOTAL	329.3271	322.6272	315.9646	279.8278	246.8863	281.1531	284.6582	310.3781	314.6821	346.7793	362.8408	357.0374	3752.1620

	TRANSPORTATION COSTS												
VARIABLE													
Trans	178.9366	359.5617	226.8374	237.4009	171.7852	120.4794	95.5099	108.1652	52.9317	107.5467	87.2431	113.3880	1859.7859
Subtotal	178.9366	359.5617	226.8374	237.4009	171.7852	120.4794	95.5099	108.1652	52.9317	107.5467	87.2431	113.3880	1859.7859
FIXED													
Demand	4597.615	4608.019	4527.192	4571.114	4571.114	4267.508	3463.011	3491.062	3491.062	3491.062	3491.062	3721.205	48291.030
Subtotal	4597.615	4608.019	4527.192	4571.114	4571.114	4267.508	3463.011	3491.062	3491.062	3491.062	3491.062	3721.205	48291.030
TOTAL	4776.551	4967.581	4754.030	4808.515	4742.900	4387.987	3558.521	3599.227	3543.993	3598.608	3578.305	3834.593	50150.816

	REVENUES												
Cap Deal Relea	-279.073	-288.376	-288.376	-269.771	-288.376	-279.073	-288.376	-279.073	-288.376	-288.376	-279.073	-288.376	-3404.697
Off Sys Sales	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	-279.073	-288.376	-288.376	-269.771	-288.376	-279.073	-288.376	-279.073	-288.376	-288.376	-279.073	-288.376	-3404.697

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

New Energy Associates, LLC
 SENDOUT® Version 10.0.1 REP002B
 Report 2B (Continued)

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Month-by-Month Costs
 Units: K\$

	NOV 2007	DEC 2007	JAN 2008	FEB 2008	MAR 2008	APR 2008	MAY 2008	JUN 2008	JUL 2008	AUG 2008	SEP 2008	OCT 2008	Total
Variable	22528.63	31056.29	30038.12	23063.94	18914.30	12979.68	10068.02	10036.91	5655.171	9692.572	8439.986	12729.66	195203.32
Fixed	4922.929	4935.963	4855.136	4891.170	4899.058	4513.942	3709.445	3737.496	3737.496	3737.496	3737.496	3967.639	51645.268
Revenue	-279.073	-288.376	-288.376	-269.771	-288.376	-279.073	-288.376	-279.073	-288.376	-288.376	-279.073	-288.376	-3404.697
SYSTEM COST	27172.49	35703.87	34604.88	27685.34	23524.98	17214.55	13489.09	13495.34	9104.291	13141.69	11898.40	16408.93	243443.89

AVERAGE COSTS

Avg Transp	0.0331	0.0498	0.0330	0.0381	0.0328	0.0356	0.0367	0.0648	0.0389	0.0798	0.0562	0.0353	0.0403
Avg Variable	4.1665	4.2985	4.3747	3.7020	3.6135	3.8351	3.8656	6.0121	4.1610	7.1943	5.4362	3.9574	4.2346
Avg Total	5.0254	4.9417	5.0398	4.4437	4.4943	5.0864	5.1791	8.0836	6.6988	9.7544	7.6638	5.1012	5.2811

Total Served Demand (Less End Users) in Units: MDT

TOTAL SERVED 5407.068 7224.975 6866.263 6230.183 5234.396 3384.432 2604.515 1669.466 1359.096 1347.252 1552.547 3216.663 46096.856

		Average Commodity / Wellhead Cost Report												Units: MDT
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total
		2007	2007	2008	2008	2008	2008	2008	2008	2008	2008	2008	2008	
SUPPLY GROUP: Alberta														
Total Take		3919.546	4636.028	4407.901	3084.103	3810.465	2734.339	2249.734	2338.581	1206.862	2273.142	1827.552	2705.535	35193.789
Total Cost		15606.72	19421.36	19060.35	14799.80	15366.57	9828.057	8065.598	8455.956	4405.879	8363.098	6734.374	10022.21	140130.00
Average Cost		3.9818	4.1892	4.3241	4.7987	4.0327	3.5943	3.5851	3.6158	3.6507	3.6791	3.6849	3.7043	3.9817
SUPPLY GROUP: BC														
Total Take		385.101	1015.676	824.740	696.027	263.500	78.713	79.960	60.000	62.000	62.000	60.000	86.510	3674.227
Total Cost		1676.334	4588.715	3848.393	3450.693	1164.933	305.3359	309.4281	234.7200	244.4598	246.4500	238.7940	344.8921	16653.149
Average Cost		4.3530	4.5179	4.6662	4.9577	4.4210	3.8791	3.8698	3.9120	3.9429	3.9750	3.9799	3.9867	4.5324
SUPPLY GROUP: Rockies														
Total Take		1229.719	1556.293	1556.293	949.256	547.686	720.475	418.211	312.136	232.766	228.580	329.887	555.968	8637.271
Total Cost		5062.622	6691.965	6914.515	4616.275	2292.068	2691.092	1559.264	1174.134	883.6529	875.1314	1263.167	2138.568	36162.457
Average Cost		4.1169	4.2999	4.4429	4.8630	4.1850	3.7352	3.7284	3.7616	3.7963	3.8286	3.8291	3.8466	4.1868
SUPPLY GROUP: SPOT														
Total Take		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: PK_SUP/PROP														
Total Take		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Cost		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: Winter														
Total Take		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: Annual														
Total Take		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: NE Other														
Total Take		1510.918	1318.491	1465.994	1493.703	1637.845	1625.653	1786.765	1734.591	1858.814	1744.930	1760.072	1698.140	19635.916
Total Cost		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GRAND TOTALS:														
Total Take		7045.284	8526.488	8254.927	6223.089	6259.496	5159.180	4534.671	4445.309	3360.442	4308.652	3977.511	5046.153	67141.202
Total Cost		22345.68	30702.04	29823.26	22866.77	18823.57	12824.48	9934.291	9864.810	5533.992	9484.680	8236.336	12505.67	192945.61
Average Cost		3.1717	3.6008	3.6128	3.6745	3.0072	2.4858	2.1907	2.2192	1.6468	2.2013	2.0707	2.4783	2.8737

Units: MDT

Month-by-Month System Flow

	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
Served Demand													
SLS_RES_OR	925.538	1328.142	1194.700	1088.549	887.191	628.216	435.965	178.591	180.876	180.733	297.278	538.710	7864.489
SLS_CML_OR	557.802	774.145	698.693	639.605	539.691	379.619	296.344	169.343	172.882	172.716	224.605	340.720	4966.165
SLS_FRM_OR	2.465	2.501	2.017	2.232	1.931	2.021	2.132	1.844	2.899	2.941	42.640	5.788	71.411
SLS_INT_OR	54.306	31.905	38.203	64.429	74.574	77.414	65.800	69.839	63.504	57.565	45.169	44.920	687.629
TSP_INT_OR	410.296	187.502	131.529	232.470	348.432	447.132	610.328	569.212	579.061	543.866	590.504	480.348	5130.677
SLS_RES_CA	180.056	231.134	220.424	204.333	193.760	114.266	97.347	53.029	49.936	50.314	76.270	102.626	1573.497
SLS_CML_CA	72.347	86.229	84.983	78.238	77.474	51.407	47.690	39.222	38.730	38.771	42.568	49.038	706.698
TSP_INT_CA	8.663	5.114	5.784	5.316	8.602	9.144	8.411	7.365	6.540	6.679	6.809	8.263	86.691
SLS_RES_WA	2753.848	3670.366	3504.136	3041.355	2596.156	1632.491	1218.787	790.774	532.171	537.396	552.161	1632.919	22462.560
SLS_CML_WA	1561.754	2049.887	1974.529	1618.232	1494.461	893.394	717.510	523.052	413.661	414.055	409.582	894.158	12964.275
SLS_FRM_WA	88.198	118.477	133.115	118.928	107.988	80.549	79.969	63.715	73.815	60.674	62.414	65.716	1053.556
SLS_INT_WA	28.463	20.342	11.297	10.782	12.705	11.569	10.295	10.856	10.667	12.468	7.006	6.826	153.297
TSP_FRM_WA	516.144	578.385	598.191	579.034	574.296	493.963	538.273	537.704	567.376	518.681	535.624	558.734	6596.406
TSP_INT_WA	690.150	743.961	818.392	763.085	816.933	779.855	745.010	729.357	820.369	784.194	740.838	758.842	9190.987
Total Served	7850.029	9828.090	9415.993	8446.587	7734.195	5601.060	4873.861	3743.905	3512.486	3381.054	3633.468	5487.610	73508.339
Served Rt Mrktr Imbalance													
Total Imbal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Consumed													
Transport	130.980	172.595	163.799	154.497	129.063	87.075	80.048	69.621	60.549	36.493	60.662	86.221	1231.603
Injection	0.601	1.512	2.799	9.167	0.000	4.364	8.525	15.185	13.996	4.493	10.763	4.194	75.600
Withdrawal	0.000	0.494	0.391	1.303	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.187
Total Fuel	131.582	174.601	166.989	164.967	129.063	91.439	88.574	84.807	74.546	40.985	71.426	90.414	1309.391
Storage Injections													
JP_STORAGE	50.358	126.650	234.413	767.717	0.000	7.196	337.714	907.587	795.901	0.000	537.269	0.000	3764.806
LNG_STORAGE	0.000	0.000	0.000	0.000	0.000	55.852	59.377	57.461	59.377	59.377	57.461	49.726	398.631
Total Inj	50.358	126.650	234.413	767.717	0.000	63.048	397.091	965.048	855.278	59.377	594.730	49.726	4163.436
Total Req	8031.968	10129.34	9817.395	9379.271	7863.258	5755.547	5359.526	4793.760	4442.309	3481.416	4299.624	5627.750	78981.166
Sources of Supply													
Alberta	4233.769	5033.124	4920.293	3992.555	4130.388	2843.781	2853.611	2544.315	2148.434	1311.993	2013.479	3177.468	39203.210
BC	648.989	1369.643	1398.046	833.900	312.533	169.643	123.358	60.000	62.000	62.000	65.324	132.867	5238.305
Rockies	1494.026	1556.293	1556.293	979.943	818.805	1012.283	480.533	345.807	258.529	254.002	347.046	517.364	9620.925
SPOT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PK_SUP/PROP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Winter	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Annual	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE Other	1599.670	1376.619	1529.301	1554.198	1726.605	1722.644	1902.023	1843.638	1973.346	1853.420	1873.775	1800.051	20755.291
Total Take	7976.454	9335.680	9403.934	7360.595	6988.331	5748.351	5359.526	4793.760	4442.309	3481.416	4299.624	5627.750	74817.730

Month-by-Month System Flow

	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
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Storage Withdrawals													
JP_STORAGE	55.515	734.753	400.425	1691.990	874.927	7.196	0.000	0.000	0.000	0.000	0.000	0.000	3764.806
LNG_STORAGE	0.000	58.908	13.037	326.686	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	398.631
Total With	55.515	793.661	413.462	2018.676	874.927	7.196	0.000	0.000	0.000	0.000	0.000	0.000	4163.436
Total Supply	8031.968	10129.34	9817.395	9379.271	7863.258	5755.547	5359.526	4793.760	4442.309	3481.416	4299.624	5627.750	78981.166

Storage Inventory Adjustments

JP_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inv Adj	0	0	0	0	0	0	0	0	0	0	0	0	0

Start of Month Inventory

JP_STORAGE	2581	2576	1968	1802	878	3	3	340	1248	2044	2044	2581	2581
LNG_STORAGE	399	399	340	327	0	0	56	115	173	232	291	349	399
Total Inv	2980	2975	2308	2129	878	3	59	456	1421	2276	2335	2930	2980

Transportation Deliveries

NOVA_ANG	3790.813	3917.408	3917.408	2890.550	3908.461	2818.517	2853.611	2544.315	2148.434	1311.993	2013.479	3177.468	35292.459
ANG_PGT	3756.624	3882.077	3882.077	2864.480	3873.211	2793.097	2827.874	2521.368	2129.058	1300.160	1995.319	3148.811	34974.156
PGT_IT_WA	87.535	347.461	379.961	714.439	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1529.397
PGT_T1_WA	525.169	640.963	640.963	351.436	466.379	359.486	602.961	620.287	180.390	0.000	20.676	296.502	4705.272
PGT_T1X_WA	746.182	771.055	771.055	567.072	771.055	746.182	771.055	746.182	771.055	447.962	728.357	654.304	8491.519
PGT_T3_WA	1636.319	1690.862	1690.862	1110.833	1687.648	895.419	925.266	895.419	925.266	605.417	862.075	1548.608	14473.995
PGT_STFLD_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PGT_TNSKA_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PGT_STARR_WA	134.667	352.357	431.840	707.548	177.379	192.789	880.690	1290.010	1155.492	336.164	889.294	679.680	7227.911
PGT_TOT_WWP	2860.539	3097.985	3051.002	2036.292	2747.703	1808.299	1418.592	971.878	721.219	717.215	721.815	1819.734	21972.273
NWP_SF_TF1WA	0.000	0.000	0.000	54.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.002
NWP_ST_TF1WA	132.660	347.107	425.405	697.006	174.736	189.916	867.568	1270.789	1138.276	331.155	876.044	669.553	7120.215
NWP_US_TF1WA	1101.437	1150.431	1150.431	619.702	423.932	627.029	91.713	8.475	0.000	0.000	0.000	131.590	5304.740
NWP_BC_TF1WA	333.899	773.820	840.073	432.692	42.093	14.303	0.000	0.000	0.000	0.000	0.000	0.000	2436.880
NWPTF1_WWP	1517.037	2143.196	2178.697	1029.207	640.761	802.635	607.968	416.519	309.094	307.378	309.349	779.886	11041.726
NWP_WWP	242.045	1003.365	885.151	1286.639	200.214	24.317	0.000	0.000	0.000	0.000	0.000	0.000	3641.732
JPTF1_WWP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
JPTF2_WWP	0.000	359.223	142.570	1086.464	152.177	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1740.434
JPSUMAS_WWP	54.688	351.662	250.808	486.304	670.669	7.089	0.000	0.000	0.000	0.000	0.000	0.000	1821.219
JP_STFLD_WA	0.000	0.000	0.000	54.819	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	54.819
LNGTF2_WWP	0.000	0.000	0.000	151.031	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	151.031
NWPTF1_WWP	182.085	405.621	378.207	269.666	128.139	109.083	103.495	54.088	0.000	0.000	42.218	102.435	1775.037
NWP_US_TF1OR	229.154	236.792	236.792	213.877	236.792	229.154	236.792	229.154	210.975	206.083	228.556	236.792	2730.915

Units: MDT

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
Month-by-Month Costs													
Units: K\$													

	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
SUPPLY COSTS													
VARIABLE													
Commodity	28191.45	37044.67	37578.53	32226.99	23213.22	15830.96	13492.21	11592.03	9787.011	6532.462	9725.652	15429.50	240644.74
Penalty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other 1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Subtotal	28191.45	37044.67	37578.53	32226.99	23213.22	15830.96	13492.21	11592.03	9787.011	6532.462	9725.652	15429.50	240644.74
FIXED													
Demand (D1)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Subtotal	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	28191.45	37044.67	37578.53	32226.99	23213.22	15830.96	13492.21	11592.03	9787.011	6532.462	9725.652	15429.50	240644.74

	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
STORAGE COSTS													
VARIABLE													
Injection	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	34.6419	36.7624	35.5765	36.7624	35.5765	28.8189	244.9011
Withdrawal	0.0000	2.0291	0.0000	10.8571	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	12.8862
Carrying	90.1708	70.7712	66.7941	29.9413	0.0787	2.0590	14.1889	43.2541	69.2929	71.4779	89.8850	91.7198	639.6736
Subtotal	90.1708	72.8003	66.7941	40.7984	0.0787	36.7409	50.9513	78.8306	106.0553	108.2404	125.4615	120.5387	897.4608
FIXED													
Demand (D1)	60.5152	60.5152	60.5152	60.5152	60.5152	60.5152	60.5152	60.5152	60.5152	60.5152	60.5152	60.5152	726.1825
Demand (D2)	216.6728	216.6728	216.6728	216.6728	216.6728	216.6728	216.6728	216.6728	216.6728	216.6728	216.6728	216.6728	2600.0742
Subtotal	277.1881	277.1881	277.1881	277.1881	277.1881	277.1881	277.1881	277.1881	277.1881	277.1881	277.1881	277.1881	3326.2567
TOTAL	367.3588	349.9884	343.9822	317.9865	277.2668	313.9289	328.1393	356.0187	383.2433	385.4284	402.6495	397.7267	4223.7175

	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
TRANSPORTATION COSTS													
VARIABLE													
Trans	277.8766	582.8433	482.9762	622.6265	226.4477	157.1520	146.7696	135.2407	115.5054	65.5129	110.3516	154.2341	3077.5364
Subtotal	277.8766	582.8433	482.9762	622.6265	226.4477	157.1520	146.7696	135.2407	115.5054	65.5129	110.3516	154.2341	3077.5364
FIXED													
Demand	5355.833	5367.947	5273.763	5324.939	5324.939	4971.270	4034.095	4066.770	4066.770	4066.770	4066.770	4334.898	56254.767
Subtotal	5355.833	5367.947	5273.763	5324.939	5324.939	4971.270	4034.095	4066.770	4066.770	4066.770	4066.770	4334.898	56254.767
TOTAL	5633.709	5950.790	5756.739	5947.566	5551.387	5128.422	4180.865	4202.010	4182.275	4132.283	4177.121	4489.132	59332.303

	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
REVENUES													
Cap Deal Relea	-262.688	-271.444	-271.444	-245.175	-271.444	-262.688	-271.444	-262.688	-271.444	-271.444	-262.688	-271.444	-3196.041
Off Sys Sales	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	-262.688	-271.444	-271.444	-245.175	-271.444	-262.688	-271.444	-262.688	-271.444	-271.444	-262.688	-271.444	-3196.041

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Month-by-Month Costs												Units: K\$	
	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total

SYSTEM COST													
Variable	28559.50	37700.31	38128.30	32890.41	23439.74	16024.86	13689.93	11806.10	10008.57	6706.216	9961.465	15704.28	244619.74
Fixed	5633.021	5645.135	5550.951	5602.127	5602.127	5248.458	4311.283	4343.958	4343.958	4343.958	4343.958	4612.086	59581.024
Revenue	-262.688	-271.444	-271.444	-245.175	-271.444	-262.688	-271.444	-262.688	-271.444	-271.444	-262.688	-271.444	-3196.041
SYSTEM COST	33929.84	43074.01	43407.81	38247.36	28770.43	21010.63	17729.77	15887.37	14081.08	10778.72	14042.73	20044.92	301004.72

AVERAGE COSTS													
Avg Transp	0.0446	0.0701	0.0614	0.0907	0.0378	0.0406	0.0494	0.0712	0.0750	0.0429	0.0627	0.0419	0.0586
Avg Variable	4.5880	4.5350	4.8496	4.7899	3.9158	4.1398	4.6066	6.2129	6.5027	4.3899	5.6609	4.2658	4.6591
Avg Total	5.4508	5.1814	5.5211	5.5700	4.8063	5.4277	5.9659	8.3606	9.1487	7.0558	7.9802	5.4449	5.7330

Total Served Demand (Less End Users) in Units: MDT

TOTAL SERVED	6224.777	8313.128	7862.097	6866.683	5985.931	3870.966	2971.838	1900.267	1539.140	1527.634	1759.693	3681.423	52503.577
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Average Commodity / Wellhead Cost Report

	NOV 2012	DEC 2012	JAN 2013	FEB 2013	MAR 2013	APR 2013	MAY 2013	JUN 2013	JUL 2013	AUG 2013	SEP 2013	OCT 2013	Total
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Units: MDT

SUPPLY GROUP: Alberta

Total Take	4233.769	5033.124	4920.293	3992.555	4130.388	2843.781	2853.611	2544.315	2148.434	1311.993	2013.479	3177.468	39203.210
Total Cost	18437.89	23034.59	23062.99	22322.45	18026.50	11042.23	11044.21	9934.354	8463.388	5216.601	8010.564	12709.64	171305.43
Average Cost	4.3550	4.5766	4.6873	5.5910	4.3644	3.8829	3.8703	3.9045	3.9393	3.9761	3.9785	3.9999	4.3697

SUPPLY GROUP: BC

Total Take	648.989	1369.643	1398.046	833.900	312.533	169.643	123.358	60.000	62.000	62.000	65.324	132.867	5238.305
Total Cost	3068.116	6734.503	7047.034	4641.771	1493.018	708.3594	514.6489	253.8540	264.4300	266.5318	280.8775	571.3600	25844.505
Average Cost	4.7275	4.9170	5.0406	5.5663	4.7772	4.1756	4.1720	4.2309	4.2650	4.2989	4.2997	4.3002	4.9338

SUPPLY GROUP: Rockies

Total Take	1494.026	1556.293	1556.293	979.943	818.805	1012.283	480.533	345.807	258.529	254.002	347.046	517.364	9620.925
Total Cost	6685.452	7275.575	7468.509	5262.762	3693.703	4080.375	1933.354	1403.828	1059.192	1049.329	1434.210	2148.509	43494.803
Average Cost	4.4748	4.6749	4.7989	5.3705	4.5111	4.0309	4.0234	4.0596	4.0970	4.1312	4.1326	4.1528	4.5209

SUPPLY GROUP: SPOT

Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

SUPPLY GROUP: PK_SUP/PROP

Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

SUPPLY GROUP: Winter

Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

SUPPLY GROUP: Annual

Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

SUPPLY GROUP: NE Other

Total Take	1599.670	1376.619	1529.301	1554.198	1726.605	1722.644	1902.023	1843.638	1973.346	1853.420	1873.775	1800.051	20755.291
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

GRAND TOTALS:

Total Take	7976.454	9335.680	9403.934	7360.595	6988.331	5748.351	5359.526	4793.760	4442.309	3481.416	4299.624	5627.750	74817.730
Total Cost	28191.45	37044.67	37578.53	32226.99	23213.22	15830.96	13492.21	11592.03	9787.011	6532.462	9725.652	15429.50	240644.74
Average Cost	3.5343	3.9681	3.9960	4.3783	3.3217	2.7540	2.5174	2.4182	2.2031	1.8764	2.2620	2.7417	3.2164

Month-by-Month System Flow

Units: MDT

	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	Total
Served Demand													
SLS_RES_OR	1071.417	1519.575	1384.116	1239.109	1027.928	727.924	505.422	207.111	209.817	209.718	344.170	623.568	9069.875
SLS_CML_OR	616.825	834.114	774.429	709.258	598.347	420.898	328.217	187.531	191.493	191.341	248.915	377.502	5478.871
SLS_FRM_OR	2.721	2.723	2.227	2.464	2.133	2.231	2.354	2.036	3.201	3.247	47.078	6.390	78.805
SLS_INT_OR	63.449	36.888	43.944	75.090	86.225	89.690	77.275	82.303	74.363	67.565	53.217	53.092	803.101
TSP_INT_OR	467.065	212.619	151.758	266.732	397.220	506.797	690.859	643.461	653.823	614.716	669.668	545.557	5820.278
SLS_RES_CA	185.060	237.523	226.500	209.971	199.113	117.427	100.039	54.496	51.319	51.709	78.380	105.467	1617.006
SLS_CML_CA	74.833	88.937	87.854	80.881	80.104	53.146	49.335	40.577	40.060	40.107	44.028	50.722	730.585
TSP_INT_CA	9.038	5.289	6.000	5.509	8.938	9.533	8.828	7.781	6.957	7.096	7.225	8.679	90.874
SLS_RES_WA	3141.153	4186.582	3972.808	3276.649	2943.397	1850.836	1381.797	896.541	603.349	609.273	626.012	1851.322	25339.719
SLS_CML_WA	1728.496	2268.714	2179.654	1895.138	1649.712	986.230	792.063	577.388	456.636	457.067	452.129	987.081	14430.307
SLS_FRM_WA	87.293	117.261	131.750	117.708	106.880	79.722	79.148	63.061	73.057	60.051	61.774	65.041	1042.747
SLS_INT_WA	29.556	21.123	11.730	11.196	13.193	12.034	10.690	11.273	11.076	12.947	7.275	7.089	159.182
TSP_FRM_WA	525.625	589.009	609.180	589.670	584.846	503.037	548.161	547.582	577.798	528.209	545.463	568.998	6717.578
TSP_INT_WA	724.221	780.689	858.794	800.757	857.264	818.355	781.790	765.364	860.869	822.908	777.412	796.305	9644.727
Total Served	8726.753	10901.04	10440.74	9280.133	8555.300	6177.861	5355.977	4086.506	3813.819	3675.955	3962.746	6046.813	81023.654
Served Rt Mkrtr Imbalance													
Total Imbal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Consumed													
Transport	144.841	207.295	182.310	168.254	140.815	92.336	83.266	69.884	72.615	40.421	65.574	94.966	1362.578
Injection	1.197	9.590	2.044	7.768	0.000	4.395	7.181	13.549	17.401	4.655	10.876	4.469	83.124
Withdrawal	0.000	0.580	0.524	1.072	0.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.187
Total Fuel	146.037	217.465	184.878	177.094	140.827	96.731	90.446	83.433	90.017	45.076	76.450	99.435	1447.889
Storage Injections													
JP_STORAGE	100.205	803.146	171.148	650.548	0.000	0.000	213.387	757.396	1067.423	0.000	533.582	1.938	4298.774
LNG_STORAGE	0.000	0.000	0.000	0.000	0.000	55.130	58.375	57.304	59.214	59.214	57.304	52.089	398.631
Total Inj	100.205	803.146	171.148	650.548	0.000	55.130	271.762	814.700	1126.638	59.214	590.886	54.027	4697.404
Total Req	8972.995	11921.65	10796.77	10107.77	8696.127	6329.722	5718.184	4984.639	5030.473	3780.246	4630.082	6200.275	87168.948
Sources of Supply													
Alberta	4520.567	6111.623	5293.733	4404.328	4282.003	2922.993	2911.218	2580.386	2581.747	1462.936	2177.886	3411.978	42661.397
BC	1132.419	1724.122	1708.655	1090.960	499.765	354.721	184.355	60.000	62.000	62.000	92.832	180.230	7152.058
Rockies	1506.090	1556.293	1556.293	996.451	1226.079	1222.604	592.973	380.064	287.279	282.380	359.596	693.538	10659.641
SPOT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PK_SUP/PROP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Winter	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Annual	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE Other	1697.541	1439.266	1597.031	1632.864	1823.778	1829.405	2029.638	1964.189	2099.448	1972.930	1999.769	1912.590	21998.447
Total Take	8856.617	10831.30	10155.71	8124.602	7831.624	6329.722	5718.184	4984.639	5030.473	3780.246	4630.082	6198.337	82471.544

Month-by-Month System Flow

Units: MDT

	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	Total
Storage Withdrawals													
JP_STORAGE	116.378	997.243	623.591	1695.512	864.112	0.000	0.000	0.000	0.000	0.000	0.000	1.938	4298.774
LNG_STORAGE	0.000	93.111	17.469	287.661	0.391	0.000	0.000	0.000	0.000	0.000	0.000	0.000	398.631
Total With	116.378	1090.353	641.060	1983.173	864.503	0.000	0.000	0.000	0.000	0.000	0.000	1.938	4697.404
Total Supply	8972.995	11921.65	10796.77	10107.77	8696.127	6329.722	5718.184	4984.639	5030.473	3780.246	4630.082	6200.275	87168.948

Storage Inventory Adjustments	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	Total
JP_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inv Adj	0	0	0	0	0	0	0	0	0	0	0	0	0

Start of Month Inventory	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	Total
JP_STORAGE	2581	2565	2371	1918	873	9	9	223	980	2048	2048	2581	2581
LNG_STORAGE	399	399	306	288	0	0	55	114	171	230	289	347	399
Total Inv	2980	2964	2676	2206	874	9	64	336	1151	2278	2337	2928	2980

Transportation Deliveries	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	Total
NOVA_ANG	3791.040	3917.408	3917.408	3142.135	3904.099	2824.576	2909.862	2580.386	2581.747	1462.936	2177.886	3405.505	36614.988
ANG_PGT	3756.849	3882.077	3882.077	3113.796	3868.888	2799.101	2883.618	2557.114	2558.462	1449.742	2158.244	3374.790	36284.757
PET_IT_WA	173.139	1200.877	528.532	770.657	4.155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2677.361
PET_T1_WA	620.287	640.963	640.963	351.496	486.538	391.797	587.169	620.287	573.632	0.000	82.272	376.616	5372.019
PET_T1X_WA	746.182	771.055	771.055	568.159	762.790	746.182	771.055	746.182	771.055	345.090	746.182	707.755	8452.745
PET_T3_WA	1636.319	1690.862	1690.862	1297.186	1690.862	895.419	925.266	895.419	925.266	823.555	895.419	1554.255	14920.691
PET_STFLD_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PET_TNSKA_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PET_STARR_WA	220.047	1186.565	542.267	763.236	69.771	63.318	702.396	1178.104	1469.071	371.108	920.841	601.253	8087.977
PET_TOT_WWP	2955.880	3117.193	3089.146	2224.261	2874.575	1970.080	1581.095	1083.784	800.883	797.537	803.032	2037.373	23334.839
NWP_SF_TF1WA	0.000	0.000	0.000	42.943	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	42.943
NWP_ST_TF1WA	216.768	1168.885	534.187	751.864	68.731	62.375	691.931	1160.550	1447.182	365.579	907.120	592.294	7967.466
NWP_US_TF1WA	1113.321	1150.431	1150.431	635.964	825.137	834.093	202.122	34.295	0.000	0.000	0.000	301.824	6247.619
NWP_BC_TF1WA	687.287	1086.088	1086.088	574.907	121.892	83.000	1.208	0.000	0.000	0.000	0.000	2.052	3642.522
NWPTF1_WWP	1915.974	2593.228	2597.514	1354.292	1015.761	958.743	682.603	464.479	343.235	341.802	344.157	873.160	13484.947
NWP_WWP	534.668	1498.383	1318.014	1434.775	424.652	80.096	3.494	0.000	0.000	0.000	0.000	0.000	5294.082
JPTF1_WWP	0.000	22.119	0.000	11.059	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	33.178
JPTF2_WWP	0.000	558.170	293.192	1086.464	132.597	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2070.422
JFSUMAS_WWP	114.644	384.506	316.091	489.635	690.249	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1995.125
JP_STFLD_WA	0.000	0.000	0.000	43.592	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	43.592
LNGTF2_WWP	0.000	16.050	0.000	134.980	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	151.031
NWP_BC_TF1OR	297.016	435.793	433.151	364.630	224.777	217.734	158.260	59.106	0.377	0.000	77.399	145.691	2413.936
NWP_US_TF1OR	229.154	236.792	236.792	213.877	236.792	229.154	236.792	229.154	236.123	231.223	229.154	236.792	2781.801

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Month-by-Month Costs												Units: K\$	
	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	Total

SUPPLY COSTS													
VARIABLE													
Commodity	35215.55	48533.53	45708.16	40864.42	29721.91	19875.33	16128.16	13281.33	12987.95	8108.391	11800.98	19358.90	301584.67
Penalty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other 1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Subtotal	35215.55	48533.53	45708.16	40864.42	29721.91	19875.33	16128.16	13281.33	12987.95	8108.391	11800.98	19358.90	301584.67
FIXED													
Demand (D1)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Subtotal	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	35215.55	48533.53	45708.16	40864.42	29721.91	19875.33	16128.16	13281.33	12987.95	8108.391	11800.98	19358.90	301584.67

STORAGE COSTS													
VARIABLE													
Injection	0.0000	0.0000	0.0000	0.0000	0.0000	38.0597	39.7585	39.3314	40.6424	40.6424	39.3314	33.4803	271.2462
Withdrawal	0.0000	3.6964	0.0000	10.5518	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.2481
Carrying	99.9970	94.7636	79.1873	33.6720	0.3153	2.5584	11.9510	39.4758	77.7149	80.1554	100.6303	102.7857	723.2069
Subtotal	99.9970	98.4600	79.1873	44.2238	0.3153	40.6181	51.7095	78.8072	118.3573	120.7979	139.9617	136.2660	1008.7011
FIXED													
Demand (D1)	70.4921	70.4921	70.4921	70.4921	70.4921	70.4921	70.4921	70.4921	70.4921	70.4921	70.4921	70.4921	845.9058
Demand (D2)	242.5121	242.5121	242.5121	242.5121	242.5121	242.5121	242.5121	242.5121	242.5121	242.5121	242.5121	242.5121	2910.1455
Subtotal	313.0043	313.0043	313.0043	313.0043	313.0043	313.0043	313.0043	313.0043	313.0043	313.0043	313.0043	313.0043	3756.0513
TOTAL	413.0013	411.4643	392.1915	357.2281	313.3196	353.6223	364.7137	391.8115	431.3616	433.8022	452.9659	449.2703	4764.7524

TRANSPORTATION COSTS													
VARIABLE													
Trans	424.6121	1245.987	769.6249	826.3473	299.9530	202.6319	180.7896	156.9980	162.6731	84.5166	139.1048	208.2671	4701.5060
Subtotal	424.6121	1245.987	769.6249	826.3473	299.9530	202.6319	180.7896	156.9980	162.6731	84.5166	139.1048	208.2671	4701.5060
FIXED													
Demand	6239.095	6253.206	6143.526	6203.139	6203.139	5791.125	4699.407	4737.476	4737.476	4737.476	4737.476	5049.794	65532.338
Subtotal	6239.095	6253.206	6143.526	6203.139	6203.139	5791.125	4699.407	4737.476	4737.476	4737.476	4737.476	5049.794	65532.338
TOTAL	6663.708	7499.194	6913.151	7029.486	6503.092	5993.757	4880.196	4894.474	4900.149	4821.992	4876.580	5258.061	70233.843

REVENUES													
Cap Deal Relea	-187.260	-193.502	-193.502	-174.776	-193.502	-187.260	-193.502	-187.260	-193.502	-193.502	-187.260	-193.502	-2278.330
Off Sys Sales	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	-187.260	-193.502	-193.502	-174.776	-193.502	-187.260	-193.502	-187.260	-193.502	-193.502	-187.260	-193.502	-2278.330

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Month-by-Month Costs												Units: K\$	
	NOV 2017	DEC 2017	JAN 2018	FEB 2018	MAR 2018	APR 2018	MAY 2018	JUN 2018	JUL 2018	AUG 2018	SEP 2018	OCT 2018	Total

SYSTEM COST													
Variable	35740.16	49877.98	46556.97	41734.99	30022.18	20118.58	16360.66	13517.14	13268.98	8313.705	12080.05	19703.43	307294.87
Fixed	6552.100	6566.210	6456.531	6516.143	6104.129	5012.411	5050.480	5050.480	5050.480	5050.480	5050.480	5362.798	69288.389
Revenue	-187.260	-193.502	-193.502	-174.776	-193.502	-187.260	-193.502	-187.260	-193.502	-193.502	-187.260	-193.502	-2278.330
SYSTEM COST	42105.00	56250.69	52820.00	48076.36	36344.82	26035.45	21179.57	18380.36	18125.96	13170.68	16943.27	24872.73	374304.93

AVERAGE COSTS													
Avg Transp	0.0607	0.1338	0.0873	0.1085	0.0447	0.0467	0.0544	0.0740	0.0949	0.0496	0.0709	0.0505	0.0800
Avg Variable	5.1052	5.3555	5.2816	5.4789	4.4762	4.6355	4.9185	6.3690	7.7399	4.8817	6.1539	4.7740	5.2305
Avg Total	6.0143	6.0397	5.9921	6.3113	5.4189	5.9988	6.3672	8.6605	10.5729	7.7337	8.6314	6.0264	6.3711

Total Served Demand (Less End Users) in Units: MDT

TOTAL SERVED	7000.803	9313.440	8815.014	7617.465	6707.032	4340.139	3326.338	2122.318	1714.372	1703.026	1962.977	4127.274	58750.197
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		Average Commodity / Wellhead Cost Report												Units: MDT
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	Total
		2017	2017	2018	2018	2018	2018	2018	2018	2018	2018	2018	2018	
Average Commodity / Wellhead Cost Report														
Units: MDT														
SUPPLY GROUP: Alberta														
Total Take	4520.567	6111.623	5293.733	4404.328	4282.003	2922.993	2911.218	2580.386	2581.747	1462.936	2177.886	3411.978	42661.397	
Total Cost	21824.11	31083.13	27742.65	27959.87	20891.71	12711.24	12603.20	11271.88	11376.47	6506.199	9694.060	15272.37	208936.93	
Average Cost	4.8277	5.0859	5.2407	6.3483	4.8790	4.3487	4.3292	4.3683	4.4065	4.4474	4.4511	4.4761	4.8976	
SUPPLY GROUP: BC														
Total Take	1132.419	1724.122	1708.655	1090.960	499.765	354.721	184.355	60.000	62.000	62.000	92.832	180.230	7152.058	
Total Cost	5911.129	9374.886	9620.767	6953.809	2658.428	1648.490	855.9151	282.9000	294.6860	297.0420	443.6713	863.3396	39205.064	
Average Cost	5.2199	5.4375	5.6306	6.3740	5.3194	4.6473	4.6427	4.7150	4.7530	4.7910	4.7793	4.7902	5.4816	
SUPPLY GROUP: Rockies														
Total Take	1506.090	1556.293	996.451	1226.079	1222.604	592.973	380.064	287.279	282.380	359.596	693.538	10659.641		
Total Cost	7480.313	8075.510	8344.748	5950.743	6171.769	5515.599	2669.042	1726.551	1316.793	1305.149	1663.253	3223.192	53442.668	
Average Cost	4.9667	5.1889	5.3619	5.9719	5.0337	4.5114	4.5011	4.5428	4.5837	4.6220	4.6253	4.6475	5.0136	
SUPPLY GROUP: SPOT														
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
SUPPLY GROUP: PK_SUP/PROP														
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
SUPPLY GROUP: Winter														
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
SUPPLY GROUP: Annual														
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
SUPPLY GROUP: NE Other														
Total Take	1697.541	1439.266	1597.031	1632.864	1823.778	1829.405	2029.638	1964.189	2099.448	1972.930	1999.769	1912.590	21998.447	
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
GRAND TOTALS:														
Total Take	8856.617	10831.30	10155.71	8124.602	7831.624	6329.722	5718.184	4984.639	5030.473	3780.246	4630.082	6198.337	82471.544	
Total Cost	35215.55	48533.53	45708.16	40864.42	29721.91	19875.33	16128.16	13281.33	12987.95	8108.391	11800.98	19358.90	301584.67	
Average Cost	3.9762	4.4809	4.5007	5.0297	3.7951	3.1400	2.8205	2.6645	2.5819	2.1449	2.5488	3.1232	3.6568	

Units: MDT

Month-by-Month System Flow

	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	Total
Served Demand													
SLS_RES_OR	1236.464	1670.877	1551.931	1386.762	1153.714	817.047	567.587	232.600	235.688	235.629	386.082	699.383	10173.764
SLS_CML_OR	678.877	931.842	835.716	727.681	645.614	454.096	353.843	202.007	206.301	206.162	268.424	407.041	5917.605
SLS_FRM_OR	2.945	2.937	2.364	2.505	2.263	2.368	2.498	2.161	3.397	3.445	49.959	6.782	83.624
SLS_INT_OR	72.107	41.523	47.859	82.418	94.207	98.125	85.331	91.123	81.989	74.574	58.873	58.872	887.000
TSP_INT_OR	518.729	232.999	154.467	276.340	430.167	546.877	744.820	693.213	703.760	662.068	722.787	582.693	6268.920
SLS_RES_CA	190.064	243.153	231.361	214.481	203.395	119.955	102.193	55.669	52.426	52.824	80.069	107.740	1653.332
SLS_CML_CA	77.319	92.179	90.151	82.996	82.208	54.538	50.650	41.660	41.124	41.176	45.195	52.069	751.266
TSP_INT_CA	9.338	5.429	6.129	5.625	9.140	9.766	9.078	8.032	7.207	7.346	7.475	8.929	93.494
SLS_RES_WA	3496.897	4599.043	4322.890	3426.600	3202.766	2013.926	1503.564	975.546	656.515	662.964	681.178	2014.463	27556.352
SLS_CML_WA	1892.357	2483.787	2341.876	2036.239	1772.503	1059.649	851.034	620.383	490.632	491.092	485.792	1060.553	15585.897
SLS_FRM_WA	86.576	116.298	130.937	116.982	106.221	79.231	78.660	62.672	72.607	59.681	61.393	64.640	1035.896
SLS_INT_WA	30.460	21.769	11.998	11.452	13.495	12.309	10.934	11.531	11.330	13.243	7.441	7.251	163.213
TSP_FRM_WA	533.335	597.649	615.869	596.146	591.268	508.561	554.181	553.595	584.143	534.010	551.453	575.247	6795.456
TSP_INT_WA	752.685	811.372	883.987	824.247	882.411	842.361	804.724	787.816	886.122	847.048	800.217	819.664	9942.655
Total Served	9578.154	11850.85	11227.53	9790.475	9189.373	6618.810	5719.097	4338.008	4033.242	3891.262	4206.339	6465.326	86908.474
Served Rt Mkrtr Imbalance													
Total Imbal	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fuel Consumed													
Transport	162.840	225.295	215.189	178.499	150.377	96.690	85.603	70.684	74.536	43.659	67.632	99.297	1470.299
Injection	3.404	8.966	11.752	5.929	0.000	0.062	2.682	8.425	12.794	0.573	6.347	0.000	60.934
Withdrawal	0.004	0.679	0.636	0.830	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.187
Total Fuel	166.247	234.940	227.577	185.257	150.417	96.752	88.285	79.109	87.330	44.232	73.978	99.297	1533.421
Storage Injections													
JP_STORAGE	285.038	750.904	984.178	496.491	0.000	5.225	224.594	705.561	1071.423	48.027	531.524	0.000	5102.965
LNG_STORAGE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Inj	285.038	750.904	984.178	496.491	0.000	5.225	224.594	705.561	1071.423	48.027	531.524	0.000	5102.965
Total Req													
	10029.43	12836.70	12439.28	10472.22	9339.790	6720.787	6031.976	5122.678	5191.994	3983.521	4811.841	6564.623	93544.860
Sources of Supply													
Alberta	4926.860	6527.914	6518.767	4799.401	4429.821	3023.140	2931.150	2622.678	2678.489	1605.905	2264.647	3496.977	45825.747
BC	1520.080	1737.917	1722.871	1155.172	786.005	475.326	220.897	60.000	62.000	62.000	113.606	193.752	8109.626
Rockies	1506.090	1556.293	1556.293	996.451	1400.804	1318.443	767.127	397.345	270.273	265.144	351.655	385.521	10771.438
SPOT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PK_SUP/PROP	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Winter	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Annual	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE Other	1783.073	1492.797	1639.913	1683.264	1886.531	1898.654	2112.802	2042.655	2181.233	2050.472	2081.933	1985.793	22839.120
Total Take	9736.102	11314.92	11437.84	8634.288	8503.162	6715.562	6031.976	5122.678	5191.994	3983.521	4811.841	6062.043	87545.931

Units: MDT

Month-by-Month System Flow

	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	Total
Storage Withdrawals													
JP_STORAGE	293.220	1320.530	954.159	1689.293	835.292	5.225	0.000	0.000	0.000	0.000	0.000	502.579	5600.298
LNG_STORAGE	0.117	201.249	47.285	148.642	1.337	0.000	0.000	0.000	0.000	0.000	0.000	0.000	398.631
Total With	293.337	1521.779	1001.444	1837.936	836.628	5.225	0.000	0.000	0.000	0.000	0.000	502.579	5998.929
Total Supply	10029.43	12836.70	12439.28	10472.22	9339.790	6720.787	6031.976	5122.678	5191.994	3983.521	4811.841	6564.623	93544.860
Storage Inventory Adjustments													
JP_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
LNG_STORAGE	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inv Adj	0	0	0	0	0	0	0	0	0	0	0	0	0
Start of Month Inventory													
JP_STORAGE	2576	2568	1998	2028	835	0	0	225	930	2002	2050	2581	2576
LNG_STORAGE	399	399	197	150	1	0	0	0	0	0	0	0	399
Total Inv	2975	2966	2195	2178	837	0	0	225	930	2002	2050	2581	2975
Transportation Deliveries													
NOVA_ANG	3791.040	3917.408	3917.408	3347.655	3917.408	2825.763	2917.249	2622.678	2678.489	1605.905	2264.647	3478.050	37283.700
ANG_PGT	3756.849	3882.077	3882.077	3317.462	3882.077	2800.277	2890.938	2599.024	2654.331	1591.422	2244.222	3446.682	36947.438
PCT_IT_WA	428.055	1422.721	1557.033	795.277	37.857	0.000	0.000	0.000	0.000	0.000	0.000	0.000	4240.944
PCT_T1_WA	620.287	640.963	640.963	380.116	514.706	441.777	580.115	620.287	640.963	0.000	145.815	375.782	5601.772
PCT_T1X_WA	746.182	771.055	771.055	612.332	765.465	746.182	771.055	746.182	771.055	539.354	746.182	748.237	8734.338
PCT_T3_WA	1636.319	1690.862	1690.862	1381.436	1689.141	895.419	925.266	895.419	925.266	742.528	895.419	1539.920	14907.858
PCT_STFLD_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PCT_TNSKA_WA	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
PCT_STARR_WA	427.727	1406.289	1557.103	787.326	66.341	16.551	578.297	1092.796	1475.526	422.997	922.355	466.713	9220.021
PCT_TOT_WWP	3003.116	3119.313	3102.811	2381.835	2940.827	2066.827	1698.139	1169.092	861.758	858.886	865.062	2197.225	24264.891
NWP_SF_TF1WA	0.000	0.000	0.000	39.916	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	39.916
NWP_ST_TF1WA	421.354	1385.335	1533.902	775.595	65.353	16.304	569.681	1076.513	1453.541	416.694	908.612	459.759	9082.643
NWP_US_TF1WA	1113.321	1150.431	1150.431	635.964	997.259	928.837	375.064	61.931	0.000	0.000	0.000	0.000	6413.238
NWP_BC_TF1WA	976.151	1086.088	1086.088	595.596	268.700	153.287	9.577	0.000	0.000	0.000	0.000	0.000	4175.487
NWPTF1_WWP	2222.384	2861.983	2774.491	1544.652	1331.312	1093.141	746.054	501.040	369.325	368.094	370.741	459.759	14642.975
NWP_WWP	851.288	1916.812	1662.580	1434.437	625.662	148.754	12.796	0.000	0.000	0.000	0.000	5.610	6657.937
JPTF1_WWP	25.250	50.235	131.353	14.086	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	220.923
JPTF2_WWP	3.635	714.077	357.461	1086.464	158.264	0.000	0.000	0.000	0.000	0.000	0.000	70.218	2390.119
JPSUMAS_WWP	251.906	485.404	433.338	512.759	664.582	5.148	0.000	0.000	0.000	0.000	0.000	419.705	2772.841
JP_STFLD_WA	0.000	0.000	0.000	40.520	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	40.520
LNGTF2_WWP	0.000	91.306	8.247	51.477	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	151.031
NWP_BC_TF1OR	382.280	443.322	443.322	392.489	354.188	274.794	194.298	59.106	0.000	0.000	100.036	169.098	2812.933
NWP_US_TF1OR	229.154	236.792	236.792	213.877	236.792	229.154	236.792	229.154	230.879	225.362	229.154	236.792	2770.696

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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	Month-by-Month Costs												Total
	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	

Units: K\$

	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	Total
SUPPLY COSTS													
VARIABLE													
Commodity	45345.49	58608.37	60985.00	50762.08	38300.13	24804.72	19976.41	15756.38	15512.96	10078.91	14250.76	21378.92	375760.17
Penalty	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Other 1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Subtotal	45345.49	58608.37	60985.00	50762.08	38300.13	24804.72	19976.41	15756.38	15512.96	10078.91	14250.76	21378.92	375760.17
FIXED													
Demand (D1)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Subtotal	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	45345.49	58608.37	60985.00	50762.08	38300.13	24804.72	19976.41	15756.38	15512.96	10078.91	14250.76	21378.92	375760.17

STORAGE COSTS

VARIABLE													
Injection	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Withdrawal	0.0000	8.3858	1.4043	6.0441	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	15.8342
Carrying	116.8264	90.4787	95.7401	38.6750	0.0000	0.0000	8.6420	35.9440	77.7496	79.6401	100.6276	81.0294	725.3529
Subtotal	116.8264	98.8645	97.1444	44.7191	0.0000	0.0000	8.6420	35.9440	77.7496	79.6401	100.6276	81.0294	741.1871
FIXED													
Demand (D1)	82.1283	82.1283	82.1283	82.1283	82.1283	82.1283	82.1283	82.1283	82.1283	82.1283	82.1283	82.1283	985.5393
Demand (D2)	272.6155	272.6155	272.6155	272.6155	272.6155	272.6155	272.6155	272.6155	272.6155	272.6155	272.6155	272.6155	3271.3860
Subtotal	354.7438	354.7438	354.7438	354.7438	354.7438	354.7438	354.7438	354.7438	354.7438	354.7438	354.7438	354.7438	4256.9252
TOTAL	471.5702	453.6082	451.8882	399.4628	354.7438	354.7438	363.3857	390.6878	432.4934	434.3839	455.3714	435.7732	4998.1123

TRANSPORTATION COSTS

VARIABLE													
Trans	745.4864	1709.713	1622.712	1092.665	432.1702	254.6016	227.5331	182.7464	192.5715	105.2046	166.9764	250.0334	6982.4154
Subtotal	745.4864	1709.713	1622.712	1092.665	432.1702	254.6016	227.5331	182.7464	192.5715	105.2046	166.9764	250.0334	6982.4154
FIXED													
Demand	7268.027	7284.460	7156.630	7226.072	7226.072	6746.138	5474.375	5518.723	5518.723	5518.723	5882.563	5882.563	76339.235
Subtotal	7268.027	7284.460	7156.630	7226.072	7226.072	6746.138	5474.375	5518.723	5518.723	5518.723	5882.563	5882.563	76339.235
TOTAL	8013.513	8994.173	8779.342	8318.738	7658.243	7000.740	5701.908	5701.469	5711.295	5623.928	5685.699	6132.596	83321.651

REVENUES

Cap Deal Relea	-187.260	-193.502	-193.502	-174.776	-193.502	-187.260	-193.502	-187.260	-193.502	-193.502	-187.260	-193.502	-2278.330
Off Sys Sales	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	-187.260	-193.502	-193.502	-174.776	-193.502	-187.260	-193.502	-187.260	-193.502	-193.502	-187.260	-193.502	-2278.330

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Month-by-Month Costs

	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	Total
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Units: K\$

SYSTEM COST

Variable	46207.80	60416.94	62704.85	51899.46	38732.30	25059.32	20212.58	15975.07	15783.28	10263.75	14518.36	21709.98	383483.77
Fixed	7622.771	7639.203	7511.374	7580.816	7580.816	7100.882	5829.119	5873.467	5873.467	5873.467	5873.467	6237.307	80596.160
Revenue	-187.260	-193.502	-193.502	-174.776	-193.502	-187.260	-193.502	-187.260	-193.502	-193.502	-187.260	-193.502	-2278.330
SYSTEM COST	53643.31	67862.65	70022.73	59305.50	46119.61	31972.95	25848.20	21661.27	21463.24	15943.72	20204.57	27753.79	461801.60

AVERAGE COSTS

Avg Transp	0.0960	0.1676	0.1696	0.1351	0.0594	0.0540	0.0631	0.0796	0.1040	0.0572	0.0786	0.0558	0.1094
Avg Variable	5.9515	5.9213	6.5542	6.4168	5.3230	5.3190	5.6048	6.9597	8.5223	5.5757	6.8341	4.8473	6.0100
Avg Total	6.9092	6.6510	7.3191	7.3324	6.3383	6.7865	7.1675	9.4370	11.5892	8.6613	9.5107	6.1967	7.2374

Total Served Demand (Less End Users) in Units: MDT

TOTAL SERVED 7764.067 10203.40 9567.082 8088.117 7276.386 4711.245 3606.294 2295.353 1852.009 1840.790 2124.406 4478.793 63807.949

Average Commodity / Wellhead Cost Report

Units: MDT

	NOV 2022	DEC 2022	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEP 2023	OCT 2023	Total
SUPPLY GROUP: Alberta													
Total Take	4926.860	6527.914	6518.767	4799.401	4429.821	3023.140	2931.150	2622.678	2678.489	1605.905	2264.647	3496.977	45825.747
Total Cost	27535.58	38354.34	39968.65	35385.47	25228.56	15309.28	14764.55	13326.96	13728.51	8307.012	11726.28	18211.33	261846.57
Average Cost	5.5889	5.8754	6.1313	7.3729	5.6952	5.0640	5.0371	5.0814	5.1255	5.1728	5.1780	5.2077	5.7140
SUPPLY GROUP: BC													
Total Take	1520.080	1737.917	1722.871	1155.172	786.005	475.326	220.897	60.000	62.000	62.000	113.606	193.752	8109.626
Total Cost	9172.952	10930.37	11294.27	8566.885	4858.081	2573.512	1194.390	329.2740	342.9778	345.7740	631.6909	1081.137	51321.323
Average Cost	6.0345	6.2894	6.5555	7.4161	6.1807	5.4142	5.4070	5.4879	5.5319	5.5770	5.5604	5.5800	6.3284
SUPPLY GROUP: Rockies													
Total Take	1506.090	1556.293	1556.293	996.451	1400.804	1318.443	767.127	397.345	270.273	265.144	351.655	385.521	10771.438
Total Cost	8636.961	9323.657	9722.068	6809.721	8213.483	6921.929	4017.467	2100.145	1441.466	1426.127	1892.788	2086.456	62592.271
Average Cost	5.7347	5.9909	6.2469	6.8340	5.8634	5.2501	5.2370	5.2855	5.3334	5.3787	5.3825	5.4120	5.8109
SUPPLY GROUP: SPOT													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: PK_SUP/PROP													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: Winter													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: Annual													
Total Take	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
SUPPLY GROUP: NE Other													
Total Take	1783.073	1492.797	1639.913	1683.264	1886.531	1898.654	2112.802	2042.655	2181.233	2050.472	2081.933	1985.793	22839.120
Total Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Average Cost	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
GRAND TOTALS:													
Total Take	9736.102	11314.92	11437.84	8634.288	8503.162	6715.562	6031.976	5122.678	5191.994	3983.521	4811.841	6062.043	87545.931
Total Cost	45345.49	58608.37	60985.00	50762.08	38300.13	24804.72	19976.41	15756.38	15512.96	10078.91	14250.76	21378.92	375760.17
Average Cost	4.6575	5.1797	5.3319	5.8791	4.5042	3.6936	3.3118	3.0758	2.9879	2.5302	2.9616	3.5267	4.2921

EXHIBIT F

COST AND FLOW SUMMARY LOW CASE

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Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 135705.	Injection Cost 122.779	Transportation Cost 1156.18	FEB 15, 2004
Penalty Cost 0.0000	Withdrawal Cost 8.6589	Other Variable Cost 0.0000	System Served 345.516
Other Variable Cost -947.40	Carrying Cost 503.395		System Unserved 0.000
	Other Variable Cost 0.0000		System Demand 345.516
Total Variable 134758.	Total Variable 634.833	Total Variable 1156.18	Market Served 0.000
	Demand Cost 551.740	Demand Cost 42316.7	Market Unserved 0.000
Demand/Reservation C 4091.46	Other Fixed Cost 2148.32	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 2700.06	Total Fixed 42316.7	Total 345.516
Total Fixed 4091.46			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3504.0	
Total Supply Cost 138849.	Total Storage Cost 3334.89	Total Trans Cost 39968.8	System Cost 182153.423

Avg Cost of Served Demand 4.957 \$/DT
 Avg Cost of Gas Purchased 3.687 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary After Unb.	Supplied	Unsupplied	Unsupplied Cost (k\$)	Units: MDT
SLS_RES_OR	5158.763	0.000	5158.763	0.000	5158.763	5158.763	0.000	0.0000	
SLS_CML_OR	3539.391	0.000	3539.391	0.000	3539.391	3539.391	0.000	0.0000	
SLS_FRM_OR	59.754	0.000	59.754	0.000	59.754	59.754	0.000	0.0000	
SLS_INT_OR	525.940	0.000	525.940	0.000	525.940	525.940	0.000	0.0000	
TSP_INT_OR	4111.879	0.000	4111.879	0.000	4111.879	4111.879	0.000	0.0000	
SLS_RES_CA	1349.156	0.000	1349.156	0.000	1349.156	1349.156	0.000	0.0000	
SLS_CML_CA	598.977	0.000	598.977	0.000	598.977	598.977	0.000	0.0000	
TSP_INT_CA	79.359	0.000	79.359	0.000	79.359	79.359	0.000	0.0000	
SLS_RES_WA	14823.258	0.000	14823.258	0.000	14823.258	14823.258	0.000	0.0000	
SLS_CML_WA	9496.391	0.000	9496.391	0.000	9496.391	9496.391	0.000	0.0000	
SLS_FRM_WA	1055.002	0.000	1055.002	0.000	1055.002	1055.002	0.000	0.0000	
SLS_INT_WA	143.343	0.000	143.343	0.000	143.343	143.343	0.000	0.0000	
TSP_FRM_WA	6388.184	0.000	6388.184	0.000	6388.184	6388.184	0.000	0.0000	
TSP_INT_WA	8413.851	0.000	8413.851	0.000	8413.851	8413.851	0.000	0.0000	
Total	55743.247	0.000	55743.247	0.000	55743.247	55743.247	0.000	0.0000	
Enduser				18993.273			0.000	0.0000	
Net Total				36749.975			0.000	0.0000	

NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total			Total Cost	Average Tot Cost
							Var Cost	Fix Cost	Cost		
Hedged AECO	6228.000	6228.000	0.000			3.7780	23529.5405	0.0000	23529.5405	3.7780	
Hedged US	2291.000	2291.000	0.000			3.8397	8796.7877	0.0000	8796.7877	3.8397	
Hedged Sumas	2291.000	2291.000	0.000			4.1693	9551.7955	0.0000	9551.7955	4.1693	
A1 index	6724.024	6935.000	210.976		0.000	3.5606	23283.3384	679.2215	23962.5599	3.5637	
A2 index	3212.520	3212.520	0.000			3.7454	11743.1132	337.6908	12080.8040	3.7605	
A3 index	5694.000	5694.000	0.000			2.9241	16650.0737	3074.5520	19724.6257	3.4641	
N_SPOT_SUMAS	75.658	365634.000	365558.342			3.5595	269.3040	0.0000	269.3040	3.5595	
N_SPOT_ROCK	7707.967	365634.000	357926.033			3.6052	27788.6498	0.0000	27788.6498	3.6052	
P_SPOT_AECO	3438.569	365634.000	362195.431			3.8230	13145.6218	0.0000	13145.6218	3.8230	
P_SPOT_KNGGA	0.000	365634.000	365634.000			0.0000	0.0000	0.0000	0.0000	0.0000	
BC_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000	
SF_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_W	8330.146	8330.146	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_K	397.313	397.313	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_L	479.367	479.367	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_M	1817.513	1817.513	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_GP	605.838	605.838	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_R	701.955	701.955	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_S	63.191	63.191	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_FIRM_W	6388.184	6388.184	0.000			0.0000	0.0000	0.0000	0.0000	0.0000	
Total.	56446.246						134758.224	4091.4643	138849.688		

Enduser	LDC Purchase	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
Storage		2487	100	2863.581	2829.791	0	33.790	2487	100	0.000	0	7681.9309	8296.40	614.4707
JP_WA		94	100	95.590	94.462	0	1.128	94	100	0.000	0	287.1829	311.657	24.4748
JP_OR		153	100	93.707	110.000	0	2.949	134	87	0.000	-19	444.1510	484.308	40.1576
LNG_WA		172	100	105.583	146.718	0	2.766	128	75	0.000	-44	510.1439	493.083	-17.0609
LNG_OR		86	100	0.000	42.788	0	0.000	43	50	1.284	-43	269.3829	135.770	-133.6120
LNG_CA		2993	100	3158.461	3223.758	0	40.633	2887	96	1.284	-106	9192.7916	9721.22	528.4302
Total														

Units: MDT

Storage Summary

NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	16390.594	0.000	16390.594	38502.834	22112.240	13.0066	4608.2632	0.0000	4621.2698	0.2819
ANG_PGT	19603.114	176.800	19426.313	40369.617	20766.503	132.3916	2263.4208	0.0000	2395.8125	0.1222
PGT_FT_WA	0.000	0.000	0.000	21744.000	21744.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_T1_WA	913.816	4.651	909.164	7606.212	6692.396	3.5639	382.3057	0.0000	385.8696	0.4223
PGT_T1X_WA	6494.099	33.055	6461.044	9150.000	2655.901	23.9701	635.9500	0.0000	659.9201	0.1016
PGT_T3_WA	12278.211	62.496	12215.715	15522.609	3244.398	45.2762	1381.7990	0.0000	1427.0752	0.1162
PGT_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_STARR_WA	2543.257	0.000	2543.257	365634.000	363090.743	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TOT_WWP	17042.666	0.000	17042.666	32281.557	15238.891	128.6824	0.0000	0.0000	128.6824	0.0076
NWP_SF_TF1WA	16.840	0.251	16.589	3660.000	3643.160	0.5928	0.0000	0.0000	0.5928	0.0352
NWP_ST_TF1WA	2543.257	37.895	2505.363	23560.518	21017.261	89.5186	0.0000	0.0000	89.5186	0.0352
NWP_US_TF1WA	6182.219	92.115	6090.103	13787.952	7605.733	217.5632	0.0000	0.0000	217.5632	0.0352
NWP_BC_TF1WA	25.243	0.376	24.867	9427.794	9402.551	0.8886	0.0000	0.0000	0.8886	0.0352
NWPTF1_WWP	5679.635	0.000	5679.635	32418.084	26738.449	42.1421	14759.3858	0.0000	14801.5279	2.6061
NWP_WWP	819.930	0.000	819.930	365634.000	364814.070	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF2_WWP	2426.270	36.151	2390.119	2426.270	0.0000	83.3419	736.5288	0.0000	819.8707	0.3379
JPSUMAS_WWP	386.681	5.762	380.919	11124.204	10743.285	14.3226	0.0000	0.0000	14.3226	0.0370
JP_STFLD_WA	16.840	0.000	16.840	365634.000	365617.160	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	110.000	1.639	108.361	8052.000	7942.000	3.8390	46.5386	0.0000	50.3776	0.4580
NWP_BC_TF1OR	1536.646	22.896	1513.750	4947.222	3410.576	54.0825	0.0000	0.0000	54.0825	0.0352
NWP_US_TF1OR	2607.968	38.859	2569.109	2837.964	229.996	91.7770	0.0000	0.0000	91.7770	0.0352
NWP_SF_TF1OR	77.799	1.159	76.640	3660.000	3582.201	2.7385	0.0000	0.0000	2.7385	0.0352
NWPTF1_TOTOR	4304.031	0.000	4304.031	19294.422	14990.391	0.0000	5067.2783	0.0000	5067.2783	1.1773
NWP_KLF_OR	370.638	5.523	365.116	4187.040	3816.402	15.4161	0.0000	0.0000	15.4161	0.0416
NWP_ROS_OR	837.028	0.000	837.028	4960.398	4123.370	6.0101	0.0000	0.0000	6.0101	0.0072
NWP_GP_OR	1535.677	0.000	1535.677	365268.000	363732.323	11.1510	0.0000	0.0000	11.1510	0.0073
NWP_ROSGP_OR	2372.705	0.000	2372.705	10108.920	7736.215	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	246.295	0.000	246.295	365634.000	365387.705	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	867.473	0.000	867.473	3154.920	2287.447	6.4166	0.0000	0.0000	6.4166	0.0074
NWPTOT_LG_OR	955.735	0.000	955.735	3330.600	2374.865	6.9765	0.0000	0.0000	6.9765	0.0073
PGTNWP_SF_OR	77.799	0.000	77.799	365634.000	365556.201	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_IT_OR	0.000	0.000	0.000	18534.972	18534.972	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_T1_OR	49.937	1.406	48.530	2613.240	2563.303	0.5443	475.9036	0.0000	476.4539	9.5412
PGT_T1X_OR	4178.757	117.682	4061.075	7671.000	3492.243	44.1581	1924.7010	0.0000	1968.8591	0.4712
PGT_T3_OR	1205.494	33.949	1171.545	1211.460	5.966	12.5783	388.6297	0.0000	401.2080	0.3328
PGT_NWPKE	370.638	0.000	370.638	365634.000	365263.362	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	4832.713	0.000	4832.713	11644.400	6811.687	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1210.863	0.000	1210.863	1668.960	458.097	3.1346	124.4358	0.0000	127.5704	0.1054
PGT_MEDOR	3621.850	0.000	3621.850	11132.000	7510.150	7.9260	6445.5700	0.0000	6453.4960	1.7818
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.0000	1.8249	28.6988	0.0000	30.5238	0.3231

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel		Units: MDT
								Revenue	Tot Cost	
LNGTF2_TF1OR	146.718	2.186	144.532	365634.000	365487.282	2.3775	52.3005	0.0000	54.6781	0.3727
NWP_US_TF1CA	1208.780	18.011	1190.769	1748.382	539.602	51.3521	0.0000	0.0000	51.3521	0.0425
NWP_BC_TF1CA	804.770	11.991	792.778	2414.136	1609.366	33.9652	0.0000	0.0000	33.9652	0.0422
NWP_TF1_CA	1983.548	0.000	1983.548	4073.336	2089.788	0.0000	1233.2148	0.0000	1233.2148	0.6217
PAIUTE_SUTCA	2025.052	60.752	1964.300	4947.402	2922.350	4.6576	1761.7869	0.0000	1766.4445	0.8723
LNG_PAIUTECA	41.504	0.000	41.504	365634.000	365592.496	0.0000	0.0000	0.0000	0.0000	0.0000
Total		767.013				1156.1865	42316.7174		43472.9039	0.3318

NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 173468.	Injection Cost 222.300	Transportation Cost 1622.75	FEB 15, 2008
Penalty Cost 0.0000	Withdrawal Cost 11.5725	Other Variable Cost 0.0000	System Served 390.986
Other Variable Cost -289.12	Carrying Cost 544.342		System Unserved 0.000
	Other Variable Cost 0.0000		System Demand 390.986
Total Variable 173179.	Total Variable 778.215	Total Variable 1622.75	Market Served 0.000
Demand/Reservation C 397.029	Demand Cost 623.419	Demand Cost 48291.0	Market Unserved 0.000
Other Fixed Cost 0.0000	Other Fixed Cost 2333.78	Other Fixed Cost 0.0000	Market Demand 0.000
Total Fixed 397.029	Total Fixed 2957.20	Total Fixed 48291.0	Total 390.986
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3404.6	
Total Supply Cost 173576.	Total Storage Cost 3735.42	Total Trans Cost 46509.0	System Cost 223820.601
Avg Cost of Served Demand 5.370 \$/DT	Avg Cost of Gas Purchased 4.037 \$/DT		
(System Cost/Served Dem.)	(Supply Cost/LDC Purchase)		

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary Demand After Unb.	Supplied	Unsupplied	Unsupplied Cost (k\$)	Units: MDT
SLS_RES_OR	6040.309	0.000	6040.309	0.000	6040.309	6040.309	0.000	0.0000	
SLS_CML_OR	4035.137	0.000	4035.137	0.000	4035.137	4035.137	0.000	0.0000	
SLS_FRM_OR	64.679	0.000	64.679	0.000	64.679	64.679	0.000	0.0000	
SLS_INT_OR	592.516	0.000	592.516	0.000	592.516	592.516	0.000	0.0000	
TSP_INT_OR	4536.746	0.000	4536.746	0.000	4536.746	4536.746	0.000	0.0000	
SLS_RES_CA	1382.294	0.000	1382.294	0.000	1382.294	1382.294	0.000	0.0000	
SLS_CML_CA	616.427	0.000	616.427	0.000	616.427	616.427	0.000	0.0000	
TSP_INT_CA	82.711	0.000	82.711	0.000	82.711	82.711	0.000	0.0000	
SLS_RES_WA	17220.724	0.000	17220.724	0.000	17220.724	17220.724	0.000	0.0000	
SLS_CML_WA	10524.492	0.000	10524.492	0.000	10524.492	10524.492	0.000	0.0000	
SLS_FRM_WA	1058.374	0.000	1058.374	0.000	1058.374	1058.374	0.000	0.0000	
SLS_INT_WA	147.711	0.000	147.711	0.000	147.711	147.711	0.000	0.0000	
TSP_FRM_WA	6478.132	0.000	6478.132	0.000	6478.132	6478.132	0.000	0.0000	
TSP_INT_WA	8765.127	0.000	8765.127	0.000	8765.127	8765.127	0.000	0.0000	
Total	61545.380	0.000	61545.380	0.000	61545.380	61545.380	0.000	0.0000	
Enduser				19862.717			0.000	0.0000	
Net Total				41682.663			0.000	0.0000	

NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6228.000	6228.000	0.000			4.0875	25457.2088	0.0000	25457.2088	4.0875
Hedged US	2291.000	2291.000	0.000			4.2372	9707.3258	0.0000	9707.3258	4.2372
Hedged Sumas	2291.000	2291.000	0.000			4.4285	10145.6236	0.0000	10145.6236	4.4285
A2 index	3212.520	3212.520	0.000		0.000	4.0837	12829.6805	397.0294	13226.7099	4.1172
N_SPOT_SUMAS	315.886	365634.000	365318.114			4.6219	1460.0012	0.0000	1460.0012	4.6219
N_SPOT_ROCK	5145.234	365634.000	360488.766			4.1531	21368.4975	0.0000	21368.4975	4.1531
P_SPOT_AECO	22870.563	365634.000	342763.437			3.8969	89124.3839	0.0000	89124.3839	3.8969
P_SPOT_KNGGA	647.272	365634.000	364986.728			4.7682	3086.3419	0.0000	3086.3419	4.7682
TSP_INT_W	8676.488	8676.488	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	412.855	412.855	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	527.083	527.083	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2032.359	2032.359	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	677.453	677.453	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	765.539	765.539	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	66.008	66.008	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6478.132	6478.132	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	62637.391						173179.063	397.0294	173576.092	

Enduser 19635.916
 LDC Purchase 43001.475

Storage Summary

Units: MDT

Segment	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
Storage JP_WA	2487	100	2781.323	2748.503	0	32.820	2487	100	0.000	0	9141.8913	9367.40	225.5155
JP_OR	94	100	95.590	94.462	0	1.128	94	100	0.000	0	342.7294	351.273	8.5436
LANG_WA	153	100	158.967	153.315	0	5.652	153	100	0.000	0	663.4670	678.165	14.6988
LANG_OR	169	98	177.038	168.541	0	4.638	172	100	0.000	4	753.8767	790.391	36.5145
LANG_CA	59	68	88.074	42.333	0	18.495	86	100	1.270	27	270.8170	403.256	132.4396
Total	2962	99	3300.992	3207.154	0	62.733	2993	100	1.270	31	11172.781	11590.4	417.7120

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
NOVA_ANG	29098.563	0.000	29098.563	38502.834	9404.271	19.8918	5206.8561	0.0000	5226.7479	0.1796
ANG_PGT	32311.083	291.414	32019.669	40369.617	8058.534	247.7570	2557.3827	0.0000	2805.1397	0.0868
PGT_IT_WA	0.000	0.000	0.000	21744.000	21744.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TL_WA	3410.689	17.360	3393.328	7606.212	4195.523	15.0047	431.9580	0.0000	446.9628	0.1310

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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Cost and Flow Summary

Units: MDT

Segment (cont)	Transportation Summary										Cap Rel		Units: MDT	
	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Revenue	Tot Cost	Average Tot Cost	Revenue	Tot Cost	Average Tot Cost	
PGT_T1X_WA	8283.365	42.162	8241.203	9150.000	866.635	34.6401	718.5725	0.0000	753.2126	0.0000	753.2126	0.0909		
PGT_T3_WA	13951.708	71.014	13880.693	15522.609	1570.901	58.2682	1561.3137	0.0000	1619.5820	0.0000	1619.5820	0.1161		
PGT_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
PGT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
PGT_STARR_WA	6739.347	0.000	6739.347	365634.000	358894.653	160.3420	0.0000	0.0000	160.3420	0.0000	160.3420	0.0085		
PGT_TOT_WWP	18775.877	0.000	18775.877	32281.557	13505.680	0.9659	0.0000	0.0000	0.9659	0.0000	0.9659	0.0398		
NWP_SF_TFLWA	24.269	0.362	23.907	3660.000	3635.731	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
NWP_ST_TFLWA	6739.347	100.416	6638.931	23560.518	16821.171	268.1676	0.0000	0.0000	268.1676	0.0000	268.1676	0.0398		
NWP_US_TFLWA	3416.523	50.906	3365.617	13787.952	10371.429	135.9720	0.0000	0.0000	135.9720	0.0000	135.9720	0.0398		
NWP_BC_TFLWA	346.385	5.161	341.224	9427.794	9081.409	13.7861	0.0000	0.0000	13.7861	0.0000	13.7861	0.0398		
NWPTF1_WWP	7429.389	0.000	7429.389	32418.084	24988.695	62.0802	16676.3203	0.0000	16738.4005	0.0000	16738.4005	2.2530		
NWP_WWP	1490.034	0.000	1490.034	365634.000	364143.966	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
JPTF1_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
JPTF2_WWP	1127.150	16.795	1110.355	2426.270	1299.120	44.0852	832.1884	0.0000	876.2737	0.0000	876.2737	0.7774		
JPSUMAS_WWP	1597.085	23.797	1573.288	11124.204	9550.916	59.1556	0.0000	0.0000	59.1556	0.0000	59.1556	0.0370		
JP_SF1LD_WA	24.269	0.000	24.269	365634.000	365609.731	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
LNPTF2_WWP	153.315	2.284	151.031	8052.000	7898.685	6.0406	52.5830	0.0000	58.6236	0.0000	58.6236	0.3824		
NWP_BC_TFLOR	1429.612	21.301	1408.311	5313.222	3883.610	56.8937	0.0000	0.0000	56.8937	0.0000	56.8937	0.0398		
NWP_US_TFLOR	2693.694	40.136	2653.558	2837.964	144.270	107.1853	0.0000	0.0000	107.1853	0.0000	107.1853	0.0398		
NWP_SF_TFLOR	608.254	9.063	599.191	3660.000	3051.746	24.2041	0.0000	0.0000	24.2041	0.0000	24.2041	0.0398		
NWPTF1_TOTOR	4827.089	0.000	4827.089	19660.422	14833.333	0.0000	5725.4114	0.0000	5725.4114	0.0000	5725.4114	1.1861		
NWP_KLF_OR	577.991	8.612	569.379	4919.040	4341.049	27.2553	0.0000	0.0000	27.2553	0.0000	27.2553	0.0472		
NWP_ROS_OR	1122.054	0.000	1122.054	4960.398	3838.344	9.2794	0.0000	0.0000	9.2794	0.0000	9.2794	0.0083		
NWP_GP_OR	1638.768	0.000	1638.768	365634.000	363995.232	13.5675	0.0000	0.0000	13.5675	0.0000	13.5675	0.0083		
NWP_ROSGP_OR	2760.822	0.000	2760.822	10474.920	7714.098	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
NWP_MED_OR	131.865	0.000	131.865	365634.000	365502.135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
NWPTOT_RS_OR	836.663	0.000	836.663	3154.920	2318.257	6.9303	0.0000	0.0000	6.9303	0.0000	6.9303	0.0083		
NWPTOT_LG_OR	1050.031	0.000	1050.031	3330.600	2280.569	8.6998	0.0000	0.0000	8.6998	0.0000	8.6998	0.0083		
PGTNWP_SF_OR	608.254	0.000	608.254	365634.000	365025.746	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
PGT_IT_OR	98.896	2.785	96.111	18534.972	18436.076	31.4886	0.0000	0.0000	31.4886	0.0000	31.4886	0.3184		
PGT_T1_OR	230.132	6.481	223.651	2613.240	2383.108	2.8269	537.7191	0.0000	540.5460	0.0000	540.5460	2.3489		
PGT_T1X_OR	5480.692	154.347	5326.345	7671.000	2190.308	65.5765	2174.6997	0.0000	2240.2762	0.0000	2240.2762	0.4088		
PGT_T3_OR	1211.460	34.117	1177.343	1211.460	0.000	14.2356	439.1066	0.0000	453.3422	0.0000	453.3422	0.3742		
PGT_NWPKF	577.991	0.000	577.991	365634.000	365056.009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
PGT_KLFMEDOR	5637.204	0.000	5637.204	12372.400	6735.196	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		
PGT_KLFOR	1248.359	0.000	1248.359	1668.960	420.601	3.4954	140.5988	0.0000	144.0942	0.0000	144.0942	0.1154		
PGT_MEDOR	4388.845	0.000	4388.845	11860.000	7471.155	10.8681	7760.8000	0.0000	7771.6681	0.0000	7771.6681	1.7708		
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	2.0921	32.4262	0.0000	34.5183	0.0000	34.5183	0.3654		
LNPTF2_TFLOR	168.541	2.511	166.030	365634.000	365465.459	3.1167	59.0933	0.0000	62.2100	0.0000	62.2100	0.3691		
NWP_US_TF1CA	1326.017	19.758	1306.259	1748.382	422.365	63.8241	0.0000	0.0000	63.8241	0.0000	63.8241	0.0481		
NWP_BC_TF1CA	830.889	12.380	818.509	2414.136	1583.247	39.4581	0.0000	0.0000	39.4581	0.0000	39.4581	0.0475		
NWP_TF1_CA	2124.768	0.000	2124.768	4073.336	1948.568	0.0000	1393.3835	0.0000	1393.3835	0.0000	1393.3835	0.6558		
PAIUTE_SLTCA	2077.757	62.333	2015.425	4947.402	2869.645	5.5963	1990.6173	0.0000	1996.2135	0.0000	1996.2135	0.9608		

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Segment (cont)		Transportation Summary							Units: MDT	
LNG_PAUTECA	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
	41.063	0.000	41.063	365634.000	365592.937	0.0000	0.0000	0.0000	0.0000	0.0000
Total		996.903				1622.7511	48291.0305		49913.7817	0.2793

AVG/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 216316.	Injection Cost 244.901	Transportation Cost 2306.53	FEB 15, 2013
Penalty Cost 0.0000	Withdrawal Cost 12.8862	Other Variable Cost 0.0000	System Served 428.366
Other Variable Cost 0.0000	Carrying Cost 679.750		System Unserved 18.654
	Other Variable Cost 0.0000		System Demand 447.020
Total Variable 216316.	Total Variable 937.537	Total Variable 2306.53	Market Served 0.000
	Demand Cost 726.182	Demand Cost 56254.7	Market Unserved 0.000
Demand/Reservation C 0.0000	Other Fixed Cost 2600.07	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 3326.25	Total Fixed 56254.7	Total 447.020
Total Fixed 0.0000			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3196.0	System Cost 275945.722
Total Supply Cost 216316.	Total Storage Cost 4263.79	Total Trans Cost 55365.2	Unsup. Demand Cost 1517.7099
			Grand Total 277463.432

Avg Cost of Served Demand 5.807 \$/DT Avg Cost of Gas Purchased 4.418 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary Demand After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	7084.942	0.000	7084.942	0.000	7084.942	7084.942	0.000	0.0000	
SLS_CML_OR	4470.077	0.000	4470.077	0.000	4470.077	4470.077	0.000	0.0000	
SLS_FRM_OR	71.411	0.000	71.411	0.000	71.411	71.411	0.000	0.0000	
SLS_INT_OR	687.629	0.000	687.629	0.000	687.629	687.629	0.000	0.0000	
TSP_INT_OR	5130.677	0.000	5130.677	0.000	5130.677	5130.677	0.000	0.0000	
SLS_RES_CA	1416.147	0.000	1416.147	0.000	1416.147	1416.147	0.000	0.0000	
SLS_CML_CA	636.028	0.000	636.028	0.000	636.028	636.028	0.000	0.0000	
TSP_INT_CA	86.691	0.000	86.691	0.000	86.691	86.691	0.000	0.0000	
SLS_RES_WA	20216.304	0.000	20216.304	0.000	20216.304	20216.304	0.000	0.0000	
SLS_CML_WA	11756.579	0.000	11756.579	0.000	11756.579	11726.225	30.354	1517.7099	
SLS_FRM_WA	1053.556	0.000	1053.556	0.000	1053.556	1053.556	0.000	0.0000	
SLS_INT_WA	153.297	0.000	153.297	0.000	153.297	153.297	0.000	0.0000	
TSP_FRM_WA	6596.406	0.000	6596.406	0.000	6596.406	6596.406	0.000	0.0000	
TSP_INT_WA	9190.987	0.000	9190.987	0.000	9190.987	9190.987	0.000	0.0000	
Total	68550.731	0.000	68550.731	0.000	68550.731	68520.377	30.354	1517.7099	
Enduser				21004.761			30.354	1517.7099	
Net Total				47515.616			30.354	1517.7099	

NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000			4.4251	27408.8695	0.0000	27408.8695	4.4251
Hedged US	2278.000	2278.000	0.000			4.5825	10438.9579	0.0000	10438.9579	4.5825
Hedged Sumas	2278.000	2278.000	0.000			4.8019	10938.6384	0.0000	10938.6384	4.8019
N_SPOT_SUMAS	2034.966	364635.000	362600.034			5.0391	10254.4810	0.0000	10254.4810	5.0391
N_SPOT_ROCK	6428.803	364635.000	358206.197			4.5198	29057.0352	0.0000	29057.0352	4.5198
P_SPOT_AECO	27704.891	364635.000	336930.109			4.2612	118054.787	0.0000	118054.787	4.2612
P_SPOT_KNGGA	2044.998	364635.000	362590.002			4.9701	10163.8936	0.0000	10163.8936	4.9701
TSP_INT_W	9097.992	9097.992	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	431.730	431.730	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	591.629	591.629	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2334.798	2334.798	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	778.266	778.266	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	855.209	855.209	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	69.261	69.261	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6596.406	6596.406	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	69718.949						216316.663	0.0000	216316.663	

Enduser 20755.291
 LDC Purchase 48963.658

Storage Summary

Units: MDT

Segment	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
Storage	2487	100	3449.876	3409.168	0	40.709	2487	100	0.000	0.000	9873.6403	10048.4	174.8513
JP_WA	94	100	95.590	94.462	0	1.128	94	100	0.000	0.000	372.9684	379.417	6.4491
JP_OR	153	100	159.939	153.315	0	6.624	153	100	0.000	0.000	718.5834	730.311	11.7280
LNG_WA	172	100	177.038	172.400	0	4.638	172	100	0.000	0.000	848.7129	865.406	16.6939
LNG_OR	73	85	92.298	72.916	0	19.383	73	85	2.187	0	363.8591	370.134	6.2755
LNG_CA	2980	100	3974.742	3902.260	0	72.482	2980	100	2.187	0	12177.764	12393.7	215.9978
Total													

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
NOVA_ANG	33898.891	0.000	33898.891	47932.530	14033.639	27.8136	6065.5008	0.0000	6093.3144	0.1797
ANG_PGT	33898.891	305.734	33593.157	40243.249	6344.358	303.4138	2979.1592	0.0000	3282.5730	0.0968
PCT_IT_WA	303.505	1.545	301.960	21684.000	21380.495	116.0907	0.0000	0.0000	116.0907	0.3825
PCT_T1_WA	4317.702	21.977	4295.725	7585.430	3267.728	22.4110	503.1821	0.0000	525.5931	0.1217
PCT_T1X_WA	8238.998	41.936	8197.061	9125.000	886.002	40.2211	837.0550	0.0000	877.2761	0.1065

NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Units: MDT Average Tot Cost
PJT3_WA	14197.643	14125.377	15467.786	1270.143	69.2395	1818.7872	0.0000	1888.0267	0.1330
PJT_STFLD_WA	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_TNSKA_WA	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_STARR_WA	6330.370	6330.370	364635.000	358304.630	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_TOT_WWP	20589.753	20589.753	32180.934	11591.181	205.1574	0.0000	0.0000	205.1574	0.0100
NWP_SF_TF1WA	49.969	49.224	3650.000	3600.031	2.3135	0.0000	0.0000	2.3135	0.0463
NWP_ST_TF1WA	6330.370	6236.047	23496.145	17165.775	293.0961	0.0000	0.0000	293.0961	0.0463
NWP_US_TF1WA	4573.235	4505.094	13750.280	9177.045	211.7408	0.0000	0.0000	211.7408	0.0463
NWP_BC_TF1WA	2042.328	2011.897	10040.785	7998.457	94.5598	0.0000	0.0000	94.5598	0.0463
NWPTF1_WWP	9192.446	9192.446	32968.260	23775.814	88.1294	19426.4208	0.0000	19514.5502	2.1229
NWP_WWP	2605.708	2605.708	364635.000	362029.292	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	0.000	0.000	4891.000	4891.000	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF2_WWP	1559.375	1536.141	2426.270	866.895	71.1793	969.4251	0.0000	1040.6044	0.6673
JPSUMAS_WWP	1799.824	1773.006	11093.810	9320.804	66.6650	0.0000	0.0000	66.6650	0.0370
JP_STFLD_WA	49.969	49.969	364635.000	364585.031	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	153.315	151.031	8030.000	7876.685	7.0372	61.2545	0.0000	68.2916	0.4454
NWP_BC_TF1OR	1476.603	1454.602	5298.705	3822.102	68.3667	0.0000	0.0000	68.3667	0.0463
NWP_US_TF1OR	2739.822	2698.998	2830.210	90.388	126.8537	0.0000	0.0000	126.8537	0.0463
NWP_SF_TF1OR	1138.560	1121.596	3650.000	2511.440	52.7153	0.0000	0.0000	52.7153	0.0463
NWPTF1_TOTOR	5445.027	5445.027	19606.705	14161.678	0.0000	6669.5920	0.0000	6669.5920	1.2249
NWP_KLF_OR	836.100	823.642	5635.600	4799.500	46.0375	0.0000	0.0000	46.0375	0.0551
NWP_ROS_OR	1341.731	1341.731	4946.845	3605.114	12.7802	0.0000	0.0000	12.7802	0.0095
NWP_GP_OR	1823.123	1823.123	364635.000	362811.877	17.4947	0.0000	0.0000	17.4947	0.0096
NWP_ROSGP_OR	3164.853	3164.853	10446.300	7281.447	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	97.801	97.801	364635.000	364537.199	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	944.095	944.095	3146.300	2202.205	9.1457	0.0000	0.0000	9.1457	0.0097
NWPTOT_LG_OR	1156.505	1156.505	3321.500	2164.995	11.1090	0.0000	0.0000	11.1090	0.0096
PGTINWP_SF_OR	1138.560	1138.560	364635.000	363496.440	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_IT_OR	197.085	191.535	18484.330	18287.245	73.0989	0.0000	0.0000	73.0989	0.3709
PGT_T1_OR	781.947	759.925	2606.100	1824.153	11.2476	626.3979	0.0000	637.6455	0.8155
PGT_T1X_OR	6396.435	6216.299	7642.500	1246.065	89.2398	2533.3440	0.0000	2622.5838	0.4100
PGT_T3_OR	1204.840	1170.909	1204.840	0.0000	16.5474	511.5228	0.0000	528.0701	0.4383
PGT_NWPKF	836.100	836.100	364635.000	363798.900	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	6364.009	6364.009	12321.000	5956.991	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1285.846	1285.846	1664.400	378.554	4.3582	163.7850	0.0000	168.1432	0.1308
PGT_MEDOR	5078.163	5078.163	11810.000	6731.837	14.2189	9040.6620	0.0000	9054.8809	1.7831
JPTF2_TOTOR	94.462	93.055	94.462	0.0000	2.0691	37.7736	0.0000	39.8427	0.4218
LANGTF2_TF1OR	172.400	169.831	364635.000	364462.600	3.7115	68.8384	0.0000	72.5499	0.4208
NWP_US_TF1CA	1393.746	1372.980	1743.605	349.859	78.2094	0.0000	0.0000	78.2094	0.0561
NWP_BC_TF1CA	794.035	782.204	2407.540	1613.505	43.6667	0.0000	0.0000	43.6667	0.0550
NWP_TF1_CA	2155.184	2155.184	4061.963	1906.779	0.0000	1623.1672	0.0000	1623.1672	0.7531
PAIUTE_SLTCA	2133.614	2069.605	4929.494	2795.880	6.6001	2318.9000	0.0000	2325.5001	1.0899
LANG_PAIUTECA	70.728	70.728	364635.000	364564.272	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 271542.	Injection Cost 271.246	Transportation Cost 3476.23	FEB 15, 2018
Penalty Cost 0.0000	Withdrawal Cost 14.2481	Other Variable Cost 0.0000	System Served 449.878
Other Variable Cost 0.0000	Carrying Cost 722.682		System Unserved 49.791
	Other Variable Cost 0.0000		System Demand 499.669
Total Variable 271542.	Total Variable 1008.17	Total Variable 3476.23	Market Served 0.000
	Demand Cost 845.905	Demand Cost 65532.3	Market Unserved 0.000
Demand/Reservation C 0.0000	Other Fixed Cost 2910.14	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 3756.05	Total Fixed 65532.3	Total 499.669
Total Fixed 0.0000			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -2278.3	System Cost 343037.077
Total Supply Cost 271542.	Total Storage Cost 4764.22	Total Trans Cost 66730.2	Unsup. Demand Cost 5093.8507
			Grand Total 348130.928

Avg Cost of Served Demand 6.448 \$/DT Avg Cost of Gas Purchased 4.956 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary Demand After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	8205.965	0.000	8205.965	0.000	8205.965	8200.308	5.657	282.8384	
SLS_CML_OR	4950.383	0.000	4950.383	0.000	4950.383	4944.233	6.149	307.4577	
SLS_FRM_OR	78.844	0.000	78.844	0.000	78.844	78.824	0.019	0.9715	
SLS_INT_OR	803.101	0.000	803.101	0.000	803.101	803.101	0.000	0.0000	
TSP_INT_OR	5820.278	0.000	5820.278	0.000	5820.278	5820.278	0.000	0.0000	
SLS_RES_CA	1455.305	0.000	1455.305	0.000	1455.305	1455.305	0.000	0.0000	
SLS_CML_CA	657.766	0.000	657.766	0.000	657.766	657.766	0.000	0.0000	
TSP_INT_CA	90.874	0.000	90.874	0.000	90.874	90.874	0.000	0.0000	
SLS_RES_WA	22960.089	0.000	22960.089	0.000	22960.089	22870.038	90.052	4502.5831	
SLS_CML_WA	12987.277	0.000	12987.277	0.000	12987.277	12987.277	0.000	0.0000	
SLS_FRM_WA	1042.747	0.000	1042.747	0.000	1042.747	1042.747	0.000	0.0000	
SLS_INT_WA	159.182	0.000	159.182	0.000	159.182	159.182	0.000	0.0000	
TSP_FRM_WA	6717.578	0.000	6717.578	0.000	6717.578	6717.578	0.000	0.0000	
TSP_INT_WA	9644.727	0.000	9644.727	0.000	9644.727	9644.727	0.000	0.0000	
Total	75574.115	0.000	75574.115	0.000	75574.115	75472.238	101.877	5093.8507	
Enduser				22273.457			101.877	5093.8507	
Net Total				53198.781			101.877	5093.8507	

Units: MDT

NOV 2017 thru OCT 2018
 Cost and Flow Summary

Source	Total Take		Max Take	Surplus	Take Under		AV Comm Cost	Total		Total Cost	Average Tot Cost
	Take	Surplus			Daily Min	Other Min		Fix Cost	Var Cost		
Hedged AECO	6194.000	0.000	6194.000	0.000	4.9242	30500.2235	0.0000	30500.2235	4.9242	4.9242	4.9242
Hedged US	2278.000	0.000	2278.000	0.000	5.1056	11630.6328	0.0000	11630.6328	5.1056	5.1056	5.1056
Hedged Sumas	2278.000	0.000	2278.000	0.000	5.3427	12170.6720	0.0000	12170.6720	5.3427	5.3427	5.3427
N_SPOT_SUMAS	3597.904	361037.096	364635.000	361037.096	5.5837	20089.7504	0.0000	20089.7504	5.5837	5.5837	5.5837
N_SPOT_ROCK	7446.900	357188.100	364635.000	357188.100	5.0109	37315.6938	0.0000	37315.6938	5.0109	5.0109	5.0109
P_SPOT_AECO	29250.102	353384.898	364635.000	353384.898	4.7713	139560.831	0.0000	139560.831	4.7713	4.7713	4.7713
P_SPOT_KNGGA	3743.762	360891.238	364635.000	360891.238	5.4156	20274.8007	0.0000	20274.8007	5.4156	5.4156	5.4156
TSP_INT_W	9547.141	0.000	9547.141	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	452.938	0.000	452.938	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	666.165	0.000	666.165	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2684.842	0.000	2684.842	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_GP	894.947	0.000	894.947	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	962.063	0.000	962.063	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	72.773	0.000	72.773	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6717.578	0.000	6717.578	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	76787.115				271542.605		0.0000	271542.605			

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	3650.842	3607.762	0	43.080	2487	100	0.000	0	10965.193	11263.9	298.7586
JP_OR	94	100	95.590	94.462	0	1.128	94	100	0.000	0	412.3141	424.336	12.0227
LNG_WA	153	100	161.087	153.315	0	7.772	153	100	0.000	0	792.6480	812.956	20.3088
LNG_OR	172	100	177.038	172.400	0	4.638	172	100	0.000	0	949.5328	975.886	26.3536
LNG_CA	75	87	92.298	75.079	0	19.383	73	85	2.252	-2	415.2257	414.416	-0.8094
Total	2982	100	4176.855	4103.018	0	76.001	2980	100	2.252	-2	13534.913	13891.5	356.6343

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
NOVA_ANG	35444.102	0.000	35444.102	47932.530	12488.428	32.5145	7065.8171	0.0000	7098.3316	0.2003
ANG_PGT	35444.102	319.670	35124.431	40243.249	4799.147	369.0858	3470.5030	0.0000	3839.5888	0.1083
PGT_IT_WA	1136.997	5.787	1131.209	21684.000	20547.003	506.6457	0.0000	0.0000	506.6457	0.4456
PGT_T1_WA	4833.422	24.602	4808.820	7585.430	2752.008	28.9097	586.1522	0.0000	615.0619	0.1273
PGT_T1X_WA	8313.527	42.316	8271.211	9125.000	811.473	47.2371	975.1025	0.0000	1022.3396	0.1230

NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
PJT3_WA	14806.745	75.366	14731.379	15467.786	661.041	84.0695	2118.7230	0.0000	2202.7926	0.1488
PJT_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_STARR_WA	6843.225	0.000	6843.225	364635.000	357791.775	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_TOT_WWP	22099.394	0.000	22099.394	32180.934	10081.540	258.3214	0.0000	0.0000	258.3214	0.0117
NWP_SF_TFIWA	54.819	0.817	54.002	3650.000	3595.181	2.9657	0.0000	0.0000	2.9657	0.0541
NWP_ST_TFIWA	6843.225	101.964	6741.261	23496.145	16652.920	370.0843	0.0000	0.0000	370.0843	0.0541
NWP_US_TFIWA	5491.817	81.828	5409.989	13750.280	8258.463	297.0769	0.0000	0.0000	297.0769	0.0541
NWP_BC_TFIWA	3058.651	45.574	3013.077	12981.225	9922.574	165.4730	0.0000	0.0000	165.4730	0.0541
NWPTF1_WWP	11406.400	0.000	11406.400	35908.700	24502.300	127.2598	22630.3204	0.0000	22757.5802	1.9952
NWP_WWP	3815.061	0.000	3815.061	364635.000	360819.939	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	0.000	0.000	0.000	4891.000	4891.000	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF2_WWP	1656.992	24.689	1632.303	2426.270	769.278	87.9586	1129.3074	0.0000	1217.2659	0.7346
JPSUMAS_WWP	1895.951	28.250	1867.702	11093.810	9226.108	70.2256	0.0000	0.0000	70.2256	0.0370
JP_SFPLD_WA	54.819	0.000	54.819	364635.000	364580.181	0.0000	0.0000	0.0000	0.0000	0.0000
LNGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	8.2024	71.3569	0.0000	79.5592	0.5189
NWP_BC_TFIOR	2008.123	29.921	1978.202	5298.705	3290.582	108.6156	0.0000	0.0000	108.6156	0.0541
NWP_US_TFIOR	2792.130	41.603	2750.527	2830.210	38.080	151.0061	0.0000	0.0000	151.0061	0.0541
NWP_SF_TFIOR	1268.558	18.902	1249.656	3650.000	2381.442	68.6099	0.0000	0.0000	68.6099	0.0541
NWPTF1_TOTOR	6148.217	0.000	6148.217	19606.705	13458.488	0.0000	7769.5734	0.0000	7769.5734	1.2637
NWP_KLF_OR	1103.671	16.445	1087.226	6730.600	5626.929	70.8445	0.0000	0.0000	70.8445	0.0642
NWP_ROS_OR	1566.172	0.000	1566.172	4946.845	3380.673	17.4893	0.0000	0.0000	17.4893	0.0112
NWP_GP_OR	2013.082	0.000	2013.082	364635.000	362621.918	22.6039	0.0000	0.0000	22.6039	0.0112
NWP_ROSGP_OR	3579.254	0.000	3579.254	10446.300	6867.046	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	54.199	0.000	54.199	364635.000	364580.801	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	1109.644	0.000	1109.644	3146.300	2036.656	12.5737	0.0000	0.0000	12.5737	0.0113
NWPTOT_LG_OR	1279.745	0.000	1279.745	3321.500	2041.755	14.3983	0.0000	0.0000	14.3983	0.0113
PJTIT_OR	1268.558	0.000	1268.558	364635.000	363366.442	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_T1_OR	505.653	14.240	491.413	18484.330	17978.677	218.3690	0.0000	0.0000	218.3690	0.4319
PJT_T1X_OR	1146.443	32.286	1114.157	2606.100	1459.657	19.1375	729.7023	0.0000	748.8398	0.6532
PJT_T3_OR	6920.567	194.897	6725.670	7642.500	721.933	111.8598	2951.1333	0.0000	3062.9931	0.4426
PJT_NWPKF	1204.840	33.931	1170.909	1204.840	0.000	19.2986	595.8801	0.0000	615.1787	0.5106
PJT_KLFMEDOR	7129.920	0.000	7129.920	12321.000	5191.080	0.0000	0.0000	0.0000	0.0000	0.0000
PJT_KLFOR	1305.387	0.000	1305.387	1664.400	359.013	5.1942	190.7955	0.0000	195.9897	0.1501
PJT_MEDOR	5824.533	0.000	5824.533	11810.000	5985.467	19.7352	10531.5890	0.0000	10551.3242	1.8115
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	2.4562	44.0034	0.0000	46.4596	0.4918
LNGTF2_TFIOR	172.400	2.569	169.831	364635.000	364462.600	4.3074	80.1915	0.0000	84.4989	0.4901
NWP_US_TFICA	1440.953	21.470	1419.483	1743.605	302.652	94.2808	0.0000	0.0000	94.2808	0.0654
NWP_BC_TFICA	809.130	12.056	797.074	2407.540	1598.410	51.5319	0.0000	0.0000	51.5319	0.0637
NWP_TF1_CA	2216.557	0.000	2216.557	4061.963	1845.406	0.0000	1890.8677	0.0000	1890.8677	0.8531
PAIUTE_SLTCA	2197.085	65.913	2131.173	4929.494	2732.409	7.8950	2701.3193	0.0000	2709.2144	1.2331
LNG_PAUTECA	72.827	0.000	72.827	364635.000	364562.173	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Transportation Summary			Cap Rel Revenue	Tot Cost	Units: MDT Average Tot Cost
				Max Flow	Surplus	Var Cost			
Total	1238.787					3476.2370	65532.3380	69008.5749	0.3141

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 339074.	Injection Cost 0.0000	Transportation Cost 5244.30	FEB 15, 2023
Penalty Cost 0.0000	Withdrawal Cost 15.8342	Other Variable Cost 0.0000	System Served 457.328
Other Variable Cost 0.0000	Carrying Cost 757.148		System Unserved 83.821
	Other Variable Cost 0.0000		System Demand 541.150
Total Variable 339074.	Total Variable 772.983	Total Variable 5244.30	Market Served 0.000
	Demand Cost 985.539	Demand Cost 76339.2	Market Unserved 0.000
Demand/Reservation C 0.0000	Other Fixed Cost 3271.38	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 4256.92	Total Fixed 76339.2	Total 541.150
Total Fixed 0.0000			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -2278.3	System Cost 423409.221
Total Supply Cost 339074.	Total Storage Cost 5029.90	Total Trans Cost 79305.2	Unsup. Demand Cost 11349.3043
			Grand Total 434758.525

Avg Cost of Served Demand 7.308 \$/DT
 Avg Cost of Gas Purchased 5.776 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	9283.766	0.000	9283.766	0.000	9283.766	9213.032	70.734	3588.0613	
SLS_CML_OR	5367.496	0.000	5367.496	0.000	5367.496	5360.899	6.597	380.8185	
SLS_FRM_OR	83.786	0.000	83.786	0.000	83.786	83.689	0.097	4.8373	
SLS_INT_OR	887.000	0.000	887.000	0.000	887.000	887.000	0.000	0.0000	
TSP_INT_OR	6302.915	0.000	6302.915	0.000	6302.915	6302.915	0.000	0.0000	
SLS_RES_CA	1488.682	0.000	1488.682	0.000	1488.682	1488.682	0.000	0.0000	
SLS_CML_CA	676.140	0.000	676.140	0.000	676.140	676.140	0.000	0.0000	
TSP_INT_CA	93.494	0.000	93.494	0.000	93.494	93.494	0.000	0.0000	
SLS_RES_WA	25149.083	0.000	25149.083	0.000	25149.083	25001.572	147.512	7375.5872	
SLS_CML_WA	14027.308	0.000	14027.308	0.000	14027.308	14027.308	0.000	0.0000	
SLS_FRM_WA	1035.896	0.000	1035.896	0.000	1035.896	1035.896	0.000	0.0000	
SLS_INT_WA	163.213	0.000	163.213	0.000	163.213	163.213	0.000	0.0000	
TSP_FRM_WA	6795.456	0.000	6795.456	0.000	6795.456	6795.456	0.000	0.0000	
TSP_INT_WA	9942.655	0.000	9942.655	0.000	9942.655	9942.655	0.000	0.0000	
Total	81296.890	0.000	81296.890	0.000	81296.890	81071.950	224.939	11349.3043	
Enduser					23134.521		224.939	11349.3043	
Net Total					57937.430		224.939	11349.3043	

NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000			5.7180	35417.4907	0.0000	35417.4907	5.7180
Hedged US	2278.000	2278.000	0.000			5.9232	13492.9798	0.0000	13492.9798	5.9232
Hedged Sumas	2278.000	2278.000	0.000			6.2016	14127.2392	0.0000	14127.2392	6.2016
N_SPOT_SUMAS	4653.967	364635.000	359981.033			6.4035	29801.6778	0.0000	29801.6778	6.4035
N_SPOT_ROCK	7698.658	364635.000	356936.342			5.8162	44777.2529	0.0000	44777.2529	5.8162
P_SPOT_AECO	29792.457	364635.000	334842.543			5.5540	165466.774	0.0000	165466.774	5.5540
P_SPOT_KNGGA	9841.234	9841.234	0.000			6.1993	35990.6848	0.0000	35990.6848	6.1993
TSP_INT_W	466.443	466.443	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	716.956	716.956	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	2929.436	2929.436	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	976.479	976.479	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	1038.192	1038.192	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	74.924	74.924	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	6795.456	6795.456	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W										
Total	81539.838						339074.100	0.0000	339074.100	

Storage Summary

Units: MDT

Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
2487	100	4171.587	4619.695	0	49.225	1989	80	0.000	-497	12693.379	10484.9	-2208.416
94	100	76.472	94.462	0	0.902	76	80	0.000	-19	479.3051	398.131	-81.1735
153	100	0.000	153.315	0	0.000	0	0	0.000	-153	910.5739	0.0000	-910.5739
172	100	0.000	172.400	0	0.000	0	0	0.000	-172	1100.0785	0.0000	-1100.0785
73	85	0.000	72.916	0	0.000	0	0	2.187	-73	466.8740	0.0000	-466.8740
Total	100	4248.059	5112.788	0	50.127	2065	69	2.187	-915	15650.211	10883.0	-4767.116

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA ANG	35986.457	0.000	35986.457	47932.530	11946.073	37.9989	8231.0012	0.0000	8269.0001	0.2298
ANG_PGT	2435.075	324.562	35661.896	40243.249	4256.792	438.4478	4042.7963	0.0000	4481.2441	0.1245
PGT_IT_WA	4920.770	12.395	2422.680	21684.000	19248.925	1264.0473	0.0000	0.0000	1264.0473	0.5191
PGT_T1_WA	8620.777	25.047	4895.723	7585.430	2664.660	34.4233	682.8383	0.0000	717.2617	0.1458
PGT_T1X_WA		43.880	8576.898	9125.000	504.223	56.7471	1135.9300	0.0000	1192.6771	0.1383

NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
PCT_T3_WA	14756.797	75.112	14681.685	15467.786	710.989	97.0659	2468.1493	0.0000	2565.2153	0.1738
PCT_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_STARR_WA	7523.432	0.000	7523.432	364635.000	357111.568	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_TOT_WWP	23053.555	0.000	23053.555	32180.934	9127.379	313.3520	0.0000	0.0000	313.3520	0.0136
NWP_SF_TF1WA	53.001	0.790	52.211	3650.000	3596.999	3.3390	0.0000	0.0000	3.3390	0.0630
NWP_ST_TF1WA	7523.432	112.099	7411.333	23496.145	15972.713	473.9027	0.0000	0.0000	473.9027	0.0630
NWP_US_TF1WA	5861.815	87.341	5774.474	13750.280	7888.465	369.2943	0.0000	0.0000	369.2943	0.0630
NWP_BC_TF1WA	3613.585	53.842	3559.743	12981.225	9367.640	227.6559	0.0000	0.0000	227.6559	0.0630
NWPTF1_WWP	12626.173	0.000	12626.173	35908.700	23282.527	163.9873	26362.2380	0.0000	26526.2254	2.1009
NWP_WWP	5061.783	0.000	5061.783	364635.000	359573.217	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	22.884	0.341	22.543	4891.000	4868.116	1.7033	0.0000	0.0000	1.7033	0.0744
JPTF2_WWP	2053.876	30.603	2023.273	2426.270	372.394	126.6199	1315.5390	0.0000	1442.1590	0.7022
JPSUMAS_WWP	2489.935	37.100	2452.835	11093.810	8640.975	92.2266	0.0000	0.0000	92.2266	0.0370
JP_STFLD_WA	53.001	0.000	53.001	364635.000	364581.999	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	9.5427	83.1242	0.0000	92.6668	0.6044
NWP_BC_TF1OR	2443.101	36.402	2406.698	5298.705	2855.604	153.8873	0.0000	0.0000	153.8873	0.0630
NWP_US_TF1OR	2776.958	41.377	2735.581	2830.210	53.252	174.9003	0.0000	0.0000	174.9003	0.0630
NWP_SF_TF1OR	1359.275	20.253	1339.022	3650.000	2290.725	85.6145	0.0000	0.0000	85.6145	0.0630
NWPTF1_TOTOR	6651.133	0.000	6651.133	19606.705	12955.572	0.0000	9050.8371	0.0000	9050.8371	1.3608
NWP_KLF_OR	1357.595	20.228	1337.366	7095.600	5738.005	101.6065	0.0000	0.0000	101.6065	0.0748
NWP_ROS_OR	1825.760	0.000	1825.760	4946.845	3121.085	23.9628	0.0000	0.0000	23.9628	0.0131
NWP_GP_OR	2240.549	0.000	2240.549	364635.000	362394.451	29.3740	0.0000	0.0000	29.3740	0.0131
NWP_ROSGP_OR	4066.309	0.000	4066.309	10446.300	6379.991	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	101.869	0.000	101.869	364635.000	364533.131	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	1211.930	0.000	1211.930	3146.300	1934.370	15.8626	0.0000	0.0000	15.8626	0.0131
NWPTOT_LG_OR	1389.476	0.000	1389.476	3321.500	1932.024	18.2473	0.0000	0.0000	18.2473	0.0131
PGTNWP_SF_OR	1359.275	0.000	1359.275	364635.000	363275.725	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_IT_OR	1057.382	29.778	1027.604	18484.330	17426.948	531.1922	0.0000	0.0000	531.1922	0.5024
PGT_T1_OR	1397.225	39.349	1357.876	2606.100	1208.875	27.2254	850.0313	0.0000	877.2567	0.6279
PGT_T1X_OR	7074.665	199.237	6875.428	7642.500	567.835	134.6139	3437.7986	0.0000	3572.4124	0.5050
PGT_T3_OR	1204.840	33.931	1170.909	1204.840	0.000	22.4312	694.1487	0.0000	716.5799	0.5948
PGT_NWPKF	1357.595	0.000	1357.595	364635.000	363277.405	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	7714.948	0.000	7714.948	12321.000	4606.052	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1322.328	0.000	1322.328	1664.400	342.072	6.0690	222.2601	0.0000	228.3291	0.1727
PGT_MEDOR	6392.620	0.000	6392.620	11810.000	5417.380	24.8543	12268.3770	0.0000	12293.2313	1.9230
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	2.9581	51.2599	0.0000	54.2180	0.5740
LANGTF2_TF1OR	172.400	2.569	169.831	364635.000	364462.600	5.0048	93.4157	0.0000	98.4206	0.5709
NWP_BC_TF1CA	1337.886	19.934	1317.951	1743.605	405.719	101.8206	0.0000	0.0000	101.8206	0.0761
NWP_US_TF1CA	875.281	13.042	862.240	2407.540	1532.259	64.6788	0.0000	0.0000	64.6788	0.0739
NWP_TF1_CA	2180.191	0.000	2180.191	4061.963	1881.772	0.0000	2202.6867	0.0000	2202.6867	1.0103
PAIUTE_SLTCA	2250.919	67.528	2183.392	4929.494	2678.575	9.6493	3146.8041	0.0000	3156.4534	1.4023
LANG_PAUTECA	70.728	0.000	70.728	364635.000	364564.272	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
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NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Transportation Summary				Cap Rel Revenue	Tot Cost	Units: MDT Average Tot Cost
				Max Flow	Surplus	Var Cost	Fix Cost			
Total		1330.430				5244.3071	76339.2356	81583.5427	0.3485	

EXHIBIT G

COST AND FLOW SUMMARY HIGH CASE

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Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 166922.	Injection Cost 206.524	Transportation Cost 1463.75	FEB 15, 2004
Penalty Cost 0.0000	Withdrawal Cost 10.9036	Other Variable Cost 0.0000	System Served 416.884
Other Variable Cost -963.72	Carrying Cost 516.925		System Unserved 0.000
	Other Variable Cost 0.0000		System Demand 416.884
Total Variable 165958.	Total Variable 734.354	Total Variable 1463.75	Market Served 0.000
	Demand Cost 551.740	Demand Cost 42316.7	Market Unserved 0.000
Demand/Reservation C 4091.46	Other Fixed Cost 2148.32	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 2700.06	Total Fixed 42316.7	Total 416.884
Total Fixed 4091.46			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3504.0	System Cost 213760.954
Total Supply Cost 170050.	Total Storage Cost 3434.41	Total Trans Cost 40276.4	Unsup. Demand Cost 55.4583
			Grand Total 213816.412

Avg Cost of Served Demand 4.802 \$/DT
 (System Cost/Served Dem.)

Avg Cost of Gas Purchased 3.716 \$/DT
 (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary		Unsupplied Cost (K\$)	Units: MDT
					Demand After Unb.	Demand		
SLS_RES_OR	6305.155	0.000	6305.155	0.000	6304.553	0.602	33.1255	
SLS_CML_OR	4325.923	0.000	4325.923	0.000	4325.923	0.000	0.0000	
SLS_FRM_OR	59.754	0.000	59.754	0.000	59.754	0.000	0.0000	
SLS_INT_OR	525.940	0.000	525.940	0.000	525.940	0.000	0.0000	
TSP_INT_OR	4111.879	0.000	4111.879	0.000	4111.879	0.000	0.0000	
SLS_RES_CA	1648.968	0.000	1648.968	0.000	1648.968	0.000	0.0000	
SLS_CML_CA	732.082	0.000	732.082	0.000	731.636	0.447	22.3328	
TSP_INT_CA	79.359	0.000	79.359	0.000	79.359	0.000	0.0000	
SLS_RES_WA	18117.316	0.000	18117.316	0.000	18117.316	0.000	0.0000	
SLS_CML_WA	11606.700	0.000	11606.700	0.000	11606.700	0.000	0.0000	
SLS_FRM_WA	1055.002	0.000	1055.002	0.000	1055.002	0.000	0.0000	
SLS_INT_WA	143.343	0.000	143.343	0.000	143.343	0.000	0.0000	
TSP_FRM_WA	6388.184	0.000	6388.184	0.000	6388.184	0.000	0.0000	
TSP_INT_WA	8413.851	0.000	8413.851	0.000	8413.851	0.000	0.0000	
Total	63513.455	0.000	63513.455	0.000	63512.406	1.049	55.4583	
Enduser				18993.273		1.049	55.4583	
Net Total				44519.134		1.049	55.4583	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	AV Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6228.000	6228.000	0.000			3.7780	23529.5405	0.0000	23529.5405	3.7780
Hedged US	2291.000	2291.000	0.000			3.8397	8796.7877	0.0000	8796.7877	3.8397
Hedged Sumas	2291.000	2291.000	0.000			4.1693	9551.7955	0.0000	9551.7955	4.1693
A1 index	6890.638	6935.000	44.362			3.5668	23902.8672	679.2215	24582.0887	3.5675
A2 index	3212.520	3212.520	0.000		0.000	3.7454	11743.1132	337.6908	12080.8040	3.7605
A3 index	5694.000	5694.000	0.000			2.9237	16647.5149	3074.5520	19722.0669	3.4637
N_SPOT_SUMAS	488.981	365634.000	365145.019			4.2695	2087.7151	0.0000	2087.7151	4.2695
N_SPOT_ROCK	10706.356	365634.000	354927.644			3.6594	39178.5528	0.0000	39178.5528	3.6594
P_SPOT_AECO	7803.914	365634.000	357830.086			3.8226	29831.5377	0.0000	29831.5377	3.8226
P_SPOT_KNGGA	150.079	365634.000	365483.921			4.5925	689.2385	0.0000	689.2385	4.5925
BC_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000
SF_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_W	8330.146	8330.146	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	397.313	397.313	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	479.367	479.367	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	1817.513	1817.513	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	605.838	605.838	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	701.955	701.955	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	63.191	63.191	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6388.184	6388.184	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	64539.995						165958.662	4091.4643	170050.127	

Enduser	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
LDC Purchase	18783.507	100	3079.881	3043.538	0	36.343	2487	100	0.000	0	7699.3455	8360.29	660.9474
	45756.487	100	95.590	94.462	0	1.128	94	100	0.000	0	290.7649	316.770	26.0060
		100	158.296	153.315	0	4.981	153	100	0.000	0	488.1889	613.655	125.4664
		100	177.038	172.400	0	4.638	172	100	0.000	0	537.6453	705.922	168.2774
		100	92.298	72.997	0	19.383	86	100	2.190	-0	320.2047	356.070	35.8656
Total	2993	100	3603.104	3536.712	0	66.473	2993	100	2.190	-0	9336.1494	10352.7	1016.5628

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	3079.881	3043.538	0	36.343	2487	100	0.000	0	7699.3455	8360.29	660.9474
JP_OR	94	100	95.590	94.462	0	1.128	94	100	0.000	0	290.7649	316.770	26.0060
LNG_WA	153	100	158.296	153.315	0	4.981	153	100	0.000	0	488.1889	613.655	125.4664
LNG_OR	172	100	177.038	172.400	0	4.638	172	100	0.000	0	537.6453	705.922	168.2774
LNG_CA	86	100	92.298	72.997	0	19.383	86	100	2.190	-0	320.2047	356.070	35.8656
Total	2993	100	3603.104	3536.712	0	66.473	2993	100	2.190	-0	9336.1494	10352.7	1016.5628

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NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	20922.552	0.000	20922.552	38502.834	17580.282	17.2103	4608.2632	0.0000	4625.4735	0.2211
ANG_PGT	24135.072	217.674	23917.397	40369.617	16234.545	162.8015	2263.4208	0.0000	2426.2224	0.1005
PGT_IT_WA	64.072	0.326	63.746	21744.000	21679.928	18.6192	0.0000	0.0000	18.6192	0.2906
PGT_T1_WA	2155.303	10.970	2144.332	7606.212	5450.909	8.4057	382.3057	0.0000	390.7114	0.1813
PGT_T1X_WA	7019.153	35.727	6983.426	9150.000	2130.847	25.8996	635.9500	0.0000	661.8496	0.0943
PGT_T3_WA	12877.312	65.546	12811.767	15522.609	2645.297	47.4857	1381.7990	0.0000	1429.2847	0.1110
PGT_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_STARR_WA	1983.375	0.000	1983.375	365634.000	363650.625	0.0000	0.0000	0.0000	151.5376	0.0076
PGT_TOT_WWP	20019.895	0.000	20019.895	32281.557	12261.662	151.5376	0.0000	0.0000	0.5928	0.0352
NWP_SF_TFLWA	16.840	0.251	16.589	3660.000	3643.160	0.5928	0.0000	0.0000	69.8131	0.0352
NWP_ST_TFLWA	1983.375	29.552	1953.823	23560.518	21577.143	69.8131	0.0000	0.0000	309.6497	0.0352
NWP_US_TFLWA	8798.758	131.101	8667.657	13787.952	4989.194	309.6497	0.0000	0.0000	16.2099	0.0352
NWP_BC_TFLWA	460.509	6.862	453.648	9427.794	8967.285	16.2099	0.0000	0.0000	14816.9815	1.8867
NWP_TOT_WWP	7853.539	0.000	7853.539	32418.084	24564.545	57.5957	14759.3858	0.0000	0.0000	0.0000
NWP_WWP	1625.757	0.000	1625.757	365634.000	364008.243	0.0000	0.0000	0.0000	819.6159	0.3378
JPTF1_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	22.2397	0.0370
JPTF2_WWP	2426.270	36.151	2390.119	2426.270	0.0000	83.0870	736.5288	0.0000	0.0000	0.0000
JPSUMAS_WWP	600.428	8.946	591.482	11124.204	10532.722	22.2397	0.0000	0.0000	51.8422	0.3381
JP_STFLD_WA	16.840	0.000	16.840	365634.000	365617.160	0.0000	0.0000	0.0000	44.7903	0.0352
LANGTF2_WWP	153.315	2.284	151.031	8052.000	7898.685	5.3036	46.5386	0.0000	95.5491	0.0352
NWP_BC_TFLOR	1272.835	18.965	1253.869	4947.222	3674.387	44.7903	0.0000	0.0000	5067.2783	1.0155
NWP_US_TFLOR	2715.147	40.456	2674.691	2837.964	122.817	95.5491	0.0000	0.0000	26.8367	0.0417
NWP_SF_TFLOR	905.152	13.487	891.665	3660.000	2754.848	31.8613	0.0000	0.0000	8.0125	0.0073
NWPTF1_TOTOR	4990.057	0.000	4990.057	19294.422	14304.365	0.0000	5067.2783	0.0000	12.0992	0.0073
NWP_KLF_OR	643.581	9.589	633.992	4187.040	3543.459	26.8367	0.0000	0.0000	0.0000	0.0000
NWP_FOS_OR	1104.902	0.000	1104.902	4960.398	3855.496	8.0125	0.0000	0.0000	8.0125	0.0073
NWP_GP_OR	1659.487	0.000	1659.487	365268.000	363608.513	12.0992	0.0000	0.0000	0.0000	0.0000
NWP_ROSGP_OR	2764.390	0.000	2764.390	10108.920	7344.530	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	95.641	0.000	95.641	365634.000	365538.359	0.0000	0.0000	0.0000	6.6911	0.0073
NWPTOT_RS_OR	912.689	0.000	912.689	3154.920	2242.231	6.6911	0.0000	0.0000	8.2673	0.0073
NWPTOT_LG_OR	1133.404	0.000	1133.404	3330.600	2197.196	8.2673	0.0000	0.0000	0.0000	0.0000
PGT_TOT_SF_OR	905.152	0.000	905.152	365634.000	364728.848	0.0000	0.0000	0.0000	22.4518	0.2818
PGT_IT_OR	79.673	2.244	77.429	18534.972	18455.299	22.4518	0.0000	0.0000	480.9936	1.0312
PGT_T1_OR	466.438	13.136	453.302	2613.240	2146.802	5.0841	475.9096	0.0000	1986.9091	0.3374
PGT_T1X_OR	5888.823	165.841	5722.982	7671.000	1782.177	62.2081	1924.7010	0.0000	401.2627	0.3314
PGT_T3_OR	1210.702	34.096	1176.606	1211.460	0.758	12.6329	388.6297	0.0000	0.0000	0.0000
PGT_TOT_WWP	643.581	0.000	643.581	365634.000	364990.419	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	5881.587	0.000	5881.587	11644.400	5762.813	0.0000	0.0000	0.0000	127.7649	0.0094
PGT_KLFOR	1285.687	0.000	1285.687	1668.960	383.273	3.3291	124.4358	0.0000	6455.6274	1.4046
PGT_MEDOR	4595.900	0.000	4595.900	11132.000	6536.100	10.0574	6445.5700	0.0000	30.3222	0.3210
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.0000	1.6234	28.6988	0.0000	0.0000	0.0000

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel		Units: MDT	
								Revenue	Tot Cost	Average	Tot Cost
LANGTF2_TF1OR	172.400	2.569	169.831	365634.000	365461.600	2.7977	52.3005	0.0000	55.0982	0.3196	0.0426
NWP_US_TF1CA	1483.451	22.103	1461.347	1748.382	264.931	63.2217	0.0000	0.0000	63.2217	0.0426	0.0421
NWP_BC_TF1CA	1046.638	15.595	1031.043	2414.136	1367.498	44.1109	0.0000	0.0000	44.1109	0.0421	0.4948
NWP_TF1_CA	2492.390	0.000	2492.390	4073.336	1580.946	0.0000	1233.2148	0.0000	1233.2148	0.4948	0.7153
PAUTE_SLTCA	2470.899	74.127	2396.772	4947.402	2476.503	5.6831	1761.7869	0.0000	1767.4700	0.7153	0.0000
LANG_PAUTECA	70.807	0.000	70.807	365634.000	365563.193	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	959.007			1463.7588	42316.7174				43780.4762		0.2735

Transportation Summary

Avg/Act with peak, spot available
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NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 212198.	Injection Cost 222.300	Transportation Cost 2349.71	FEB 15, 2008
Penalty Cost 0.0000	Withdrawal Cost 11.7311	Other Variable Cost 0.0000	System Served 433.315
Other Variable Cost -289.12	Carrying Cost 559.722		System Unserved 39.080
	Other Variable Cost 0.0000		System Demand 472.395
Total Variable 211909.	Total Variable 793.754	Total Variable 2349.71	Market Served 0.000
	Demand Cost 623.419	Demand Cost 48291.0	Market Unserved 0.000
Demand/Reservation C 397.029	Other Fixed Cost 2333.78	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 2957.20	Total Fixed 48291.0	Total 472.395
Total Fixed 397.029			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3404.6	System Cost 263293.463
Total Supply Cost 212306.	Total Storage Cost 3750.96	Total Trans Cost 47236.0	Unsup. Demand Cost 3672.5487
			Grand Total 266966.012

Avg Cost of Served Demand 5.218 \$/DT
 (System Cost/Served Dem.)

Avg Cost of Gas Purchased 4.087 \$/DT
 (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary Demand After Unb.	Supplied	Unsupplied	Unsupplied Cost (k\$)	Units: MDT
SLS_RES_OR	7382.600	0.000	7382.600	0.000	7382.600	7380.214	2.386	124.8894	
SLS_CML_OR	4931.834	0.000	4931.834	0.000	4931.834	4931.059	0.775	38.7537	
SLS_FRM_OR	64.679	0.000	64.679	0.000	64.679	64.671	0.008	0.3991	
SLS_INT_OR	592.516	0.000	592.516	0.000	592.516	592.516	0.000	0.0000	
TSP_INT_OR	4536.746	0.000	4536.746	0.000	4536.746	4536.746	0.000	0.0000	
SLS_RES_CA	1689.471	0.000	1689.471	0.000	1689.471	1689.471	0.000	0.0000	
SLS_CML_CA	753.411	0.000	753.411	0.000	753.411	752.500	0.911	45.5464	
TSP_INT_CA	82.711	0.000	82.711	0.000	82.711	82.711	0.000	0.0000	
SLS_RES_WA	21047.552	0.000	21047.552	0.000	21047.552	20978.293	69.259	3462.9601	
SLS_CML_WA	12863.268	0.000	12863.268	0.000	12863.268	12863.268	0.000	0.0000	
SLS_FRM_WA	1058.374	0.000	1058.374	0.000	1058.374	1058.374	0.000	0.0000	
SLS_INT_WA	147.711	0.000	147.711	0.000	147.711	147.711	0.000	0.0000	
TSP_FRM_WA	6478.132	0.000	6478.132	0.000	6478.132	6478.132	0.000	0.0000	
TSP_INT_WA	8765.127	0.000	8765.127	0.000	8765.127	8765.127	0.000	0.0000	
Total	70394.131	0.000	70394.131	0.000	70394.131	70320.792	73.339	3672.5487	
Enduser				19862.717			73.339	3672.5487	
Net Total				50458.075			73.339	3672.5487	

NOV 2007 thru OCT 2008
 Cost and Flow Summary

Units: MDT

Supply Summary										
Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	AV Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6228.000	6228.000	0.000			4.0875	25457.2088	0.0000	25457.2088	4.0875
Hedged US	2291.000	2291.000	0.000			4.2372	9707.3258	0.0000	9707.3258	4.2372
Hedged Sumas	2291.000	2291.000	0.000			4.4285	10145.6236	0.0000	10145.6236	4.4285
A2 index	3212.520	3212.520	0.000	0.000		4.0837	12829.6805	397.0294	13226.7099	4.1172
N_SPOT_SUMAS	2459.089	365634.000	363174.911			4.6793	11506.8825	0.0000	11506.8825	4.6793
N_SPOT_ROCK	7220.945	365634.000	358413.055			4.1606	30043.5392	0.0000	30043.5392	4.1606
P_SPOT_AECO	25181.078	365634.000	340452.922			3.9003	98214.1386	0.0000	98214.1386	3.9003
P_SPOT_KNGGA	3063.864	365634.000	362570.136			4.5710	14005.0246	0.0000	14005.0246	4.5710
TSP_INT_W	8676.488	8676.488	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	412.855	412.855	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	527.083	527.083	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2032.359	2032.359	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	677.453	677.453	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	765.539	765.539	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	66.008	66.008	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6478.132	6478.132	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	71583.412					211909.423	397.0294	212306.453		

Units: MDT

Storage Summary													
Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	3496.893	3455.630	0	41.263	2487	100	0.000	0	9140.3142	9365.24	224.9292
JP_OR	94	100	95.590	94.462	0	1.128	94	100	0.000	0	342.7120	351.153	8.4412
LANG_WA	153	100	158.967	153.315	0	5.652	153	100	0.000	0	663.3499	678.482	15.1324
LANG_OR	172	100	177.038	172.400	0	4.638	172	100	0.000	0	770.6125	790.474	19.8623
LANG_CA	86	100	92.298	75.977	0	19.383	83	96	2.279	-3	394.0245	389.645	-4.3790
Total	2993	100	4020.786	3951.784	0	72.064	2990	100	2.279	-3	11311.013	11574.9	263.9861

Units: MDT

Transportation Summary

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
NOVA_ANG	31409.078	0.000	31409.078	38502.834	7093.756	19.8931	5206.8561	0.0000	5226.7492	0.1664
ANG_PGT	34621.598	312.252	34309.345	40369.617	5748.019	265.7661	2557.3827	0.0000	2823.1488	0.0815
PGT_IT_WA	1002.278	5.102	997.176	21744.000	20741.722	329.1480	0.0000	0.0000	329.1480	0.3284
PGT_T1_WA	4296.507	21.869	4274.638	7606.212	3309.705	18.8988	431.9580	0.0000	450.8568	0.1049

Units: MDT

NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow		Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
	Consumed	Delivered									
PCT_T1X_WA	8538.434	43.461	8494.973	9150.000	611.566	35.7114	718.5725	0.0000	754.2839	0.0883	
PCT_T3_WA	14387.511	73.232	14314.279	15522.609	1135.098	60.0986	1561.3137	0.0000	1621.4123	0.1127	
PCT_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_STARR_WA	6656.215	0.000	6656.215	365634.000	358977.785	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_TOT_WWP	21424.851	0.000	21424.851	32281.557	10856.706	183.5145	0.0000	0.0000	183.5145	0.0086	
NWP_SF_TF1WA	43.074	0.642	42.433	3660.000	3616.926	1.7144	0.0000	0.0000	1.7144	0.0398	
NWP_ST_TF1WA	6656.215	99.178	6557.038	23560.518	16904.303	264.8695	0.0000	0.0000	264.8695	0.0398	
NWP_US_TF1WA	5276.019	78.613	5197.406	13787.952	8511.933	209.9559	0.0000	0.0000	209.9559	0.0398	
NWP_BC_TF1WA	2088.801	31.123	2057.678	9427.794	7338.993	83.1343	0.0000	0.0000	83.1343	0.0398	
NWPTF1_WWP	10198.695	0.000	10198.695	32418.084	22219.389	84.1958	16676.3203	0.0000	16760.5161	1.6434	
NWP_WWP	3087.723	0.000	3087.723	365634.000	362546.277	0.0000	0.0000	0.0000	0.0000	0.0000	
JPTF1_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	0.0000	0.0000	
JPTF2_WWP	1618.859	24.121	1594.738	2426.270	807.411	63.3939	832.1884	0.0000	895.5824	0.5532	
JPSUMAS_WWP	1793.696	26.726	1766.970	11124.204	9357.234	66.4381	0.0000	0.0000	66.4381	0.0370	
JP_STFLD_WA	43.074	0.000	43.074	365634.000	365590.926	0.0000	0.0000	0.0000	0.0000	0.0000	
LANGTF2_WWP	153.315	2.284	151.031	8052.000	7898.685	6.0406	52.5830	0.0000	58.6236	0.3824	
NWP_BC_TF1OR	1549.419	23.086	1526.333	5313.222	3763.803	61.6580	0.0000	0.0000	61.6580	0.0398	
NWP_US_TF1OR	2755.859	41.062	2714.797	2837.964	82.105	109.6592	0.0000	0.0000	109.6592	0.0398	
NWP_SF_TF1OR	1233.405	18.378	1215.028	3660.000	2426.595	49.0815	0.0000	0.0000	49.0815	0.0398	
NWPTF1_TOTOR	5625.989	0.000	5625.989	19660.422	14034.433	0.0000	5725.4114	0.0000	5725.4114	1.0177	
NWP_KLF_OR	935.040	13.932	921.108	4919.040	3984.000	44.1904	0.0000	0.0000	44.1904	0.0473	
NWP_ROS_OR	1297.288	0.000	1297.288	4960.398	3663.110	10.6736	0.0000	0.0000	10.6736	0.0082	
NWP_GP_OR	1879.510	0.000	1879.510	365634.000	363754.490	15.5381	0.0000	0.0000	15.5381	0.0083	
NWP_ROSGP_OR	3176.798	0.000	3176.798	10474.920	7298.122	0.0000	0.0000	0.0000	0.0000	0.0000	
NWP_MED_OR	52.891	0.000	52.891	365634.000	365581.109	0.0000	0.0000	0.0000	0.0000	0.0000	
NWPTOT_RS_OR	1024.098	0.000	1024.098	3154.920	2130.822	8.5309	0.0000	0.0000	8.5309	0.0083	
NWPTOT_LG_OR	1245.520	0.000	1245.520	3330.600	2085.080	10.3124	0.0000	0.0000	10.3124	0.0083	
PCTNWP_SF_OR	1233.405	0.000	1233.405	365634.000	364400.595	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_IT_OR	276.822	7.796	269.026	18534.972	18258.150	88.1402	0.0000	0.0000	88.1402	0.3184	
PCT_T1_OR	936.973	26.387	910.586	2613.240	1676.267	11.5186	537.7191	0.0000	549.2377	0.5862	
PCT_T1X_OR	6723.224	189.339	6533.884	7671.000	947.776	80.4356	2174.6997	0.0000	2255.1353	0.3354	
PCT_T3_OR	1211.460	34.117	1177.343	1211.460	0.000	14.2356	439.1066	0.0000	453.3422	0.3742	
PCT_NWPKF	935.040	0.000	935.040	365634.000	364698.960	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_KLFMEDOR	6722.394	0.000	6722.394	12372.400	5650.006	0.0000	0.0000	0.0000	0.0000	0.0000	
PCT_KLFOR	1291.596	0.000	1291.596	1668.960	377.364	3.6165	140.5988	0.0000	144.2152	0.1117	
PCT_MEDOR	5430.798	0.000	5430.798	11860.000	6429.202	13.4506	7760.8000	0.0000	7774.2506	1.4315	
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	1.7499	32.4262	0.0000	34.1760	0.3618	
LANGTF2_TF1OR	172.400	2.569	169.831	365634.000	365461.600	3.1723	59.0933	0.0000	62.2656	0.3612	
NWP_US_TF1CA	1480.067	22.053	1458.014	1748.382	268.315	71.3374	0.0000	0.0000	71.3374	0.0482	
NWP_BC_TF1CA	1111.869	16.567	1095.302	2414.136	1302.267	52.8138	0.0000	0.0000	52.8138	0.0475	
NWP_TF1_CA	2553.316	0.000	2553.316	4073.336	1520.020	0.0000	1393.3835	0.0000	1393.3835	0.5457	
PAIUTE_SLTCA	2534.715	76.041	2458.674	4947.402	2412.687	6.8270	1990.6173	0.0000	1997.4443	0.7880	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on Interruption usage, high demand

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Units: MDT Average
LANG_FAIUTECA	73.698	0.000	73.698	365634.000	365560.302	0.0000	0.0000	0.0000	0.0000	0.0000
Total		1191.338				2349.7144	48291.0305		50640.7450	0.2448

Transportation Summary

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 264714.	Injection Cost 244.901	Transportation Cost 4017.92	FEB 15, 2013
Penalty Cost 0.0000	Withdrawal Cost 12.8862	Other Variable Cost 0.0000	System Served 447.470
Other Variable Cost 0.0000	Carrying Cost 649.593	Total Variable 4017.92	System Unserved 93.142
Total Variable 264714.	Total Variable 907.380	Demand Cost 56254.7	System Demand 540.611
Demand/Reservation C 0.0000	Demand Cost 726.182	Other Fixed Cost 0.0000	Market Served 0.000
Other Fixed Cost 0.0000	Other Fixed Cost 2600.07	Total Fixed 56254.7	Market Unserved 0.000
Total Fixed 0.0000	Total Fixed 3326.25	Cap Release Revenue -3196.0	Market Demand 0.000
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Total Trans Cost 57076.6	Total 540.611
Total Supply Cost 264714.	Total Storage Cost 4233.63		System Cost 326024.527
			Unsup. Demand Cost 12478.3902
			Grand Total 338502.917

Avg Cost of Served Demand 5.677 \$/DT Avg Cost of Gas Purchased 4.479 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	8659.373	0.000	8659.373	0.000	8659.373	8623.205	36.168	1808.4169	
SLS_CML_OR	5463.427	0.000	5463.427	0.000	5463.427	5444.368	19.059	965.1338	
SLS_FRM_OR	71.411	0.000	71.411	0.000	71.411	71.329	0.082	4.0760	
SLS_INT_OR	687.629	0.000	687.629	0.000	687.629	687.629	0.000	0.0000	
TSP_INT_OR	5130.677	0.000	5130.677	0.000	5130.677	5130.677	0.000	0.0000	
SLS_RES_CA	1730.847	0.000	1730.847	0.000	1730.847	1713.799	17.048	852.3866	
SLS_CML_CA	777.368	0.000	777.368	0.000	777.368	774.643	2.725	136.2325	
TSP_INT_CA	86.691	0.000	86.691	0.000	86.691	86.691	0.000	0.0000	
SLS_RES_WA	24708.816	0.000	24708.816	0.000	24708.816	24708.816	0.000	0.0000	
SLS_CML_WA	14369.152	0.000	14369.152	0.000	14369.152	14194.909	174.243	8712.1443	
SLS_FRM_WA	1053.556	0.000	1053.556	0.000	1053.556	1053.556	0.000	0.0000	
SLS_INT_WA	153.297	0.000	153.297	0.000	153.297	153.297	0.000	0.0000	
TSP_FRM_WA	6596.406	0.000	6596.406	0.000	6596.406	6596.406	0.000	0.0000	
TSP_INT_WA	9190.987	0.000	9190.987	0.000	9190.987	9190.987	0.000	0.0000	
Total	78679.637	0.000	78679.637	0.000	78679.637	78430.313	249.324	12478.3902	
Enduser				21004.761			249.324	12478.3902	
Net Total				57425.552			249.324	12478.3902	

Units: MDT

Supply Summary

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	AV Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000			4.4251	27408.8695	0.0000	27408.8695	4.4251
Hedged US	2278.000	2278.000	0.000			4.5825	10438.9579	0.0000	10438.9579	4.5825
Hedged Sumas	2278.000	2278.000	0.000			4.8019	10938.6384	0.0000	10938.6384	4.8019
N_SPOT_SUMAS	3915.464	364635.000	360719.536			5.0093	19613.5779	0.0000	19613.5779	5.0093
N_SPOT_ROCK	8217.824	364635.000	356417.176			4.4839	36848.1085	0.0000	36848.1085	4.4839
P_SPOT_AECO	30166.108	364635.000	334468.892			4.3066	129914.530	0.0000	129914.530	4.3066
P_SPOT_KNGGA	6051.513	364635.000	358583.487			4.8833	29551.5570	0.0000	29551.5570	4.8833
TSP_INT_W	9097.992	9097.992	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	431.730	431.730	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	591.629	591.629	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2334.798	2334.798	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	778.266	778.266	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	855.209	855.209	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	69.261	69.261	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6596.406	6596.406	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	79856.200						264714.239	0.0000	264714.239	

Enduser	Total	With Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
LDC Purchase	59100.909					
Storage JP_WA	2487	100	0	9898.8974	10072.5	173.6540
JP_OR	94	100	0	372.8972	379.135	6.2386
LNG_WA	153	100	0	719.0400	731.079	12.0396
LNG_OR	172	100	0	849.1342	866.052	16.9179
LNG_CA	73	85	0	364.1257	370.468	6.3430
Total	2980	100	0	12204.094	12419.2	215.1931

Storage Summary

Units: MDT

Segment	Starting Balance	% Full	Total Inj.	Total With.	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA ANG	36360.108	0.000	4275.408	4224.958	36360.108	47932.530	11572.422	27.8136	6065.5008	0.0000	6093.3144	0.1676
ANG_PGT	36360.108	327.932	95.590	94.462	36032.176	40243.249	3883.141	325.8096	2979.1592	0.0000	3304.9689	0.0909
PGT_IT_WA	2993.673	15.238	159.939	153.315	2978.436	21684.000	18690.327	1145.0801	0.0000	0.0000	1145.0801	0.3825
PGT_T1_WA	5281.867	26.885	177.038	172.400	5254.982	7585.430	2303.563	27.3916	503.1821	0.0000	530.5737	0.1005
PGT_T1X_WA	8628.336	43.918	92.298	72.916	8584.418	9125.000	496.664	42.1288	837.0550	0.0000	879.1838	0.1019

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA ANG	36360.108	0.000	36360.108	47932.530	11572.422	27.8136	6065.5008	0.0000	6093.3144	0.1676
ANG_PGT	36360.108	327.932	36032.176	40243.249	3883.141	325.8096	2979.1592	0.0000	3304.9689	0.0909
PGT_IT_WA	2993.673	15.238	2978.436	21684.000	18690.327	1145.0801	0.0000	0.0000	1145.0801	0.3825
PGT_T1_WA	5281.867	26.885	5254.982	7585.430	2303.563	27.3916	503.1821	0.0000	530.5737	0.1005
PGT_T1X_WA	8628.336	43.918	8584.418	9125.000	496.664	42.1288	837.0550	0.0000	879.1838	0.1019

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Cost and Flow Summary

Units: MDT

Segment (cont)		Total	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Units: MDT Average Tot Cost
Total		1341.476					4017.9246	56254.7674		60272.6920	0.2555

Transportation Summary

AVG/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 330345.	Injection Cost 271.246	Transportation Cost 6039.53	FEB 15, 2018
Penalty Cost 0.0000	Withdrawal Cost 14.2481	Other Variable Cost 0.0000	System Served 452.731
Other Variable Cost 0.0000	Carrying Cost 710.790		System Unserved 152.154
	Other Variable Cost 0.0000		System Demand 604.885
Total Variable 330345.	Total Variable 996.285	Total Variable 6039.53	Market Served 0.000
	Demand Cost 845.905	Demand Cost 65532.3	Market Unserved 0.000
Demand/Reservation C 0.0000	Other Fixed Cost 2910.14	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 3756.05	Total Fixed 65532.3	Total 604.885
Total Fixed 0.0000			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -2278.3	System Cost 404391.753
Total Supply Cost 330345.	Total Storage Cost 4752.33	Total Trans Cost 69293.5	Unsup. Demand Cost 31284.9151
			Grand Total 435676.668

Avg Cost of Served Demand 6.312 \$/DT Avg Cost of Gas Purchased 5.012 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary Demand After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	10029.513	0.000	10029.513	0.000	10029.513	9922.898	106.615	5530.2381	
SLS_CML_OR	6050.468	0.000	6050.468	0.000	6050.468	5988.402	62.065	3113.7539	
SLS_FRM_OR	78.844	0.000	78.844	0.000	78.844	78.795	0.048	2.4151	
SLS_INT_OR	803.101	0.000	803.101	0.000	803.101	803.101	0.000	0.0000	
TSP_INT_OR	5820.278	0.000	5820.278	0.000	5820.278	5815.003	5.275	105.4965	
SLS_RES_CA	1778.706	0.000	1778.706	0.000	1778.706	1765.427	13.279	663.9605	
SLS_CML_CA	803.936	0.000	803.936	0.000	803.936	779.537	24.400	1219.9914	
TSP_INT_CA	90.874	0.000	90.874	0.000	90.874	89.384	1.490	29.7916	
SLS_RES_WA	28062.331	0.000	28062.331	0.000	28062.331	27703.255	359.076	17953.7883	
SLS_CML_WA	15873.338	0.000	15873.338	0.000	15873.338	15831.051	42.287	2114.3291	
SLS_FRM_WA	1042.747	0.000	1042.747	0.000	1042.747	1031.724	11.023	551.1506	
SLS_INT_WA	159.182	0.000	159.182	0.000	159.182	159.182	0.000	0.0000	
TSP_FRM_WA	6717.578	0.000	6717.578	0.000	6717.578	6717.578	0.000	0.0000	
TSP_INT_WA	9644.727	0.000	9644.727	0.000	9644.727	9644.727	0.000	0.0000	
Total	86955.623	0.000	86955.623	0.000	86955.623	86330.065	625.558	31284.9151	
Enduser				22266.692			625.558	31284.9151	
Net Total			64063.373				625.558	31284.9151	

NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	AV Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000	4.9242	30500.2235	0.0000	30500.2235	0.0000	4.9242	4.9242
Hedged US	2278.000	2278.000	0.000	5.1056	11630.6328	0.0000	11630.6328	0.0000	5.1056	5.1056
Hedged Sumas	2278.000	2278.000	0.000	5.3427	12170.6720	0.0000	12170.6720	0.0000	5.3427	5.3427
N_SPOT_SUMAS	6052.325	364635.000	358582.675	5.5007	33292.0676	0.0000	33292.0676	0.0000	5.5007	5.5007
N_SPOT_ROCK	9332.691	364635.000	355302.309	4.9538	46232.4131	0.0000	46232.4131	0.0000	4.9538	4.9538
P_SPOT_AECO	31264.751	364635.000	333370.249	4.8159	150567.059	0.0000	150567.059	0.0000	4.8159	4.8159
P_SPOT_KNGGA	8509.246	364635.000	356125.754	5.4003	45952.8038	0.0000	45952.8038	0.0000	5.4003	5.4003
TSP_INT_W	9547.141	9547.141	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	452.938	452.938	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	666.165	666.165	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2684.842	2684.842	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_GP	894.947	894.947	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	962.063	962.063	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	72.773	72.773	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6717.578	6717.578	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	87907.459						330345.872		0.0000	330345.872

Enduser 21998.447
 LDC Purchase 65909.012

Storage Summary

Units: MDT

Segment	Starting Balance	% Full	Total Inj.	Total With.	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
Storage JP_WA	2487	100	5104.693	5044.457	37458.751	47932.530	10473.779	32.5145	7065.8171	0.0000	7098.3316	0.1895
JP_OR	93	99	94.341	94.462	37120.911	40243.249	2784.498	390.4411	3470.5030	0.0000	3860.9441	0.1031
LNG_WA	153	100	161.087	153.315	4330.492	21684.000	17331.353	1939.5393	0.0000	0.0000	1939.5393	0.4456
LNG_OR	172	100	177.038	172.400	5673.822	7585.430	1882.580	34.0982	586.1522	0.0000	620.2504	0.1088
LNG_CA	73	85	92.298	72.916	8706.961	9125.000	373.494	49.7336	975.1025	0.0000	1024.8361	0.1171
Total	2978	100	5629.458	5537.550						-1.13551.036	13905.8	354.7740

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
NOVA_ANG	37458.751	0.000	37458.751	47932.530	10473.779	32.5145	7065.8171	0.0000	7098.3316	0.1895
ANG_PGT	37458.751	337.840	37120.911	40243.249	2784.498	390.4411	3470.5030	0.0000	3860.9441	0.1031
PCT_IT_WA	4352.647	22.155	4330.492	21684.000	17331.353	1939.5393	0.0000	0.0000	1939.5393	0.4456
PCT_TJ_WA	5702.850	29.028	5673.822	7585.430	1882.580	34.0982	586.1522	0.0000	620.2504	0.1088
PCT_FIX_WA	8751.506	44.545	8706.961	9125.000	373.494	49.7336	975.1025	0.0000	1024.8361	0.1171

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
PGT_T3_WA	15134.668	77.035	15057.633	15467.786	333.118	85.9387	2118.7230	0.0000	2204.6617	0.1457
PGT_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_STARR_WA	9342.905	0.000	9342.905	364635.000	355292.095	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TOT_WWP	24426.003	0.000	24426.003	32180.934	7754.931	286.9274	0.0000	0.0000	286.9274	0.0117
NWP_SF_TF1WA	37.979	0.566	37.413	3650.000	3612.021	2.0547	0.0000	0.0000	2.0547	0.0541
NWP_ST_TF1WA	9342.905	139.209	9203.696	23496.145	14153.240	505.3579	0.0000	0.0000	505.3579	0.0541
NWP_US_TF1WA	7186.100	107.073	7079.027	13750.280	6564.180	388.6670	0.0000	0.0000	388.6670	0.0541
NWP_BC_TF1WA	4323.954	64.427	4259.527	12981.225	8657.271	233.9197	0.0000	0.0000	233.9197	0.0541
NWPTF1_WWP	15313.883	0.000	15313.883	35908.700	20594.817	171.7592	22630.3204	0.0000	22802.0796	1.4890
NWP_WWP	6757.930	0.000	6757.930	364635.000	357877.070	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	183.079	2.728	180.351	4891.000	4707.921	11.3643	0.0000	0.0000	11.3643	0.0621
JPTF2_WWP	2426.270	36.151	2390.119	2426.270	0.000	127.9595	1129.3074	0.0000	1257.2668	0.5182
JPSUMAS_WWP	2397.129	35.717	2361.412	11093.810	8732.398	88.7891	0.0000	0.0000	88.7891	0.0370
JP_STFLD_WA	37.979	0.000	37.979	364635.000	364597.021	0.0000	0.0000	0.0000	0.0000	0.0000
LANGT2_WWP	153.315	2.284	151.031	8030.000	7876.685	8.0282	71.3569	0.0000	79.3850	0.5178
NWP_BC_TF1OR	2898.112	43.182	2854.930	5298.705	2400.593	156.7544	0.0000	0.0000	156.7544	0.0541
NWP_US_TF1OR	2830.210	42.170	2788.040	2830.210	0.000	153.0663	0.0000	0.0000	153.0663	0.0541
NWP_SF_TF1OR	1529.860	22.795	1507.065	3650.000	2120.140	82.7322	0.0000	0.0000	82.7322	0.0541
NWPTF1_TOTOR	7319.867	0.000	7319.867	19606.705	12286.838	0.0000	7769.5734	0.0000	7769.5734	1.0614
NWP_KLF_OR	1594.089	23.752	1570.337	6730.600	5136.511	102.4554	0.0000	0.0000	102.4554	0.0643
NWP_ROS_OR	1912.886	0.000	1912.886	4946.845	3033.959	21.3844	0.0000	0.0000	21.3844	0.0112
NWP_GP_OR	2477.390	0.000	2477.390	364635.000	362157.610	27.8355	0.0000	0.0000	27.8355	0.0112
NWP_ROSGP_OR	4390.275	0.000	4390.275	10446.300	6056.025	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	152.549	0.000	152.549	364635.000	364482.451	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	1243.774	0.000	1243.774	3146.300	1902.526	14.0624	0.0000	0.0000	14.0624	0.0113
NWPTOT_LG_OR	1507.492	0.000	1507.492	3321.500	1814.008	16.9492	0.0000	0.0000	16.9492	0.0112
PGTNWP_SF_OR	1529.860	0.000	1529.860	364635.000	363105.140	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_IT_OR	1679.029	47.285	1631.745	18484.330	16805.301	723.7577	0.0000	0.0000	723.7577	0.4311
PCT_T1_OR	1585.127	44.640	1540.487	2606.100	1020.973	26.4560	729.7023	0.0000	756.1583	0.4770
PCT_T1X_OR	7219.489	203.315	7016.173	7642.500	423.011	116.6992	2951.1333	0.0000	3067.8325	0.4249
PGT_T3_OR	1204.840	33.931	1170.909	1204.840	0.000	19.2986	595.8801	0.0000	615.1787	0.5106
PGT_NWPKF	1594.089	0.000	1594.089	364635.000	363040.911	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	8235.365	0.000	8235.365	12321.000	4085.635	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1336.166	0.000	1336.166	1664.400	328.234	5.3173	190.7955	0.0000	196.1128	0.1468
PGT_MEDOR	6899.199	0.000	6899.199	11810.000	4910.801	23.3745	10531.5890	0.0000	10554.9635	1.5299
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	2.9759	44.0034	0.0000	46.9793	0.4973
LANGT2_TF1OR	172.400	2.569	169.831	364635.000	364462.600	4.6725	80.1915	0.0000	84.8640	0.4923
NWP_US_TF1CA	1594.380	23.756	1570.624	1743.605	149.225	104.5084	0.0000	0.0000	104.5084	0.0655
NWP_BC_TF1CA	1108.258	16.513	1091.745	2407.540	1299.282	70.6552	0.0000	0.0000	70.6552	0.0638
NWP_TF1_CA	2662.369	0.000	2662.369	4061.963	1399.594	0.0000	1890.8677	0.0000	1890.8677	0.7102
PAIUTE_SLTCA	2640.799	79.224	2561.575	4929.494	2288.695	9.4892	2701.3193	0.0000	2710.8085	1.0265
LANG_PAUTECA	70.728	0.000	70.728	364635.000	364564.272	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Transportation Summary		Units: MDT	
Segment (cont)	Total Flow	Fuel Consumed	Delivered
Total	1483.299		
		6039.5365	65532.3380
			71571.8744
			0.2771

Cap Rel Revenue

Fix Cost

Var Cost

Surplus

Max Flow

Delivered

Fuel Consumed

Total Flow

Segment (cont)

Total

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 408210.	Injection Cost 0.0000	Transportation Cost 8399.19	FEB 15, 2023
Penalty Cost 0.0000	Withdrawal Cost 15.8342	Other Variable Cost 0.0000	System Served 432.276
Other Variable Cost 0.0000	Carrying Cost 689.755	Total Variable 8399.19	System Demand 223.263
Total Variable 408210.	Total Variable 705.589	Demand Cost 76339.2	Market Served 0.000
Demand/Reservation C 0.0000	Demand Cost 985.539	Other Fixed Cost 0.0000	Market Unserved 0.000
Other Fixed Cost 0.0000	Other Fixed Cost 3271.38	Total Fixed 76339.2	Market Demand 655.538
Total Fixed 0.0000	Total Fixed 4256.92	Cap Release Revenue -2278.3	Total 655.538
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Total Trans Cost 82460.0	System Cost 495633.278
Total Supply Cost 408210.	Total Storage Cost 4962.51	Avg Cost of Gas Purchased 5.836 \$/DT	Unsup. Demand Cost 72027.0588
		(Supply Cost/LDC Purchase)	Grand Total 567660.337

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary Demand After Unb.	Supply		Unsupplied Cost (K\$)	Units: MDT
						Supplied	Unsupplied		
SLS_RES_OR	11346.825	0.000	11346.825	0.000	11346.825	11109.948	236.876	12114.3191	
SLS_CML_OR	6560.272	0.000	6560.272	0.000	6560.272	6464.939	95.334	5090.3296	
SLS_FRM_OR	83.786	0.000	83.786	0.000	83.786	83.585	0.201	10.0634	
SLS_INT_OR	887.000	0.000	887.000	0.000	887.000	863.513	23.487	721.8930	
TSP_INT_OR	6302.915	0.000	6302.915	0.000	6302.915	6066.801	236.114	4722.2826	
SLS_RES_CA	1819.500	0.000	1819.500	0.000	1819.500	1776.910	42.590	2129.4964	
SLS_CML_CA	826.393	0.000	826.393	0.000	826.393	812.517	13.876	693.8239	
TSP_INT_CA	93.494	0.000	93.494	0.000	93.494	88.842	4.652	93.0319	
SLS_RES_WA	30737.768	0.000	30737.768	0.000	30737.768	29900.545	837.223	41861.1671	
SLS_CML_WA	17144.487	0.000	17144.487	0.000	17144.487	17144.216	0.271	13.5685	
SLS_FRM_WA	1035.896	0.000	1035.896	0.000	1035.896	1020.561	15.335	766.7460	
SLS_INT_WA	163.213	0.000	163.213	0.000	163.213	163.213	0.000	0.0000	
TSP_FRM_WA	6795.456	0.000	6795.456	0.000	6795.456	6795.456	0.000	0.0000	
TSP_INT_WA	9942.655	0.000	9942.655	0.000	9942.655	9752.139	190.517	3810.3373	
Total	93739.662	0.000	93739.662	0.000	93739.662	92043.184	1696.477	72027.0588	
Enduser					22703.238			72027.0588	
Net Total					69339.946		1696.477	72027.0588	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total		Max Take	Surplus	Take Under		Av Comm Cost	Total		Total Cost	Average Tot Cost
	Take	Flow			Daily Min	Other Min		Var Cost	Fix Cost		
Hedged AECO	6194.000	6194.000	6194.000	0.000	5.7180	35417.4907	0.0000	35417.4907	0.0000	35417.4907	5.7180
Hedged US	2278.000	2278.000	2278.000	0.000	5.9232	13492.9798	0.0000	13492.9798	0.0000	13492.9798	5.9232
Hedged Sumas	2278.000	2278.000	2278.000	0.000	6.2016	14127.2392	0.0000	14127.2392	0.0000	14127.2392	6.2016
N_SPOT_SUMAS	6981.142	364635.000	357653.858	0.000	6.3260	44162.5698	0.0000	44162.5698	0.0000	44162.5698	6.3260
N_SPOT_ROCK	9367.095	364635.000	355267.905	0.000	5.7974	54305.0719	0.0000	54305.0719	0.0000	54305.0719	5.7974
P_SPOT_AECO	31855.318	364635.000	332779.682	0.000	5.5918	178127.013	0.0000	178127.013	0.0000	178127.013	5.5918
P_SPOT_KNGGA	10996.985	364635.000	353638.015	0.000	6.2361	68578.3026	0.0000	68578.3026	0.0000	68578.3026	6.2361
TSP_INT_W	9841.234	9841.234	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	466.443	466.443	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	716.956	716.956	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2929.436	2929.436	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	976.479	976.479	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	1038.192	1038.192	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	74.924	74.924	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6795.456	6795.456	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	92789.659					408210.667	0.0000	408210.667	0.0000	408210.667	

Enduser 22839.120
 LDC Purchase 69950.539

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	5502.671	5935.072	0	64.932	1989	80	0.000	-497	12710.855	10500.6	-2210.236
JP_OR	94	100	90.337	94.462	0	1.066	89	95	0.000	-5	496.6215	487.510	-9.1106
LNG_WA	153	100	0.000	153.315	0	0.000	0	0	0.000	-153	912.4108	0.0000	-912.4108
LNG_OR	172	100	0.000	172.400	0	0.000	0	0	0.000	-172	1102.1346	0.0000	-1102.134
LNG_CA	73	85	0.000	72.916	0	0.000	0	0	2.187	-73	468.0328	0.0000	-468.0328
Total	2980	100	5593.008	6428.165	0	65.997	2079	69	2.187	-901	15690.055	10988.1	-4701.925

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
NOVA_ANG	38049.318	0.000	38049.318	47932.530	9883.212	37.9989	8231.0012	0.0000	8269.0001	0.2173
ANG_PGT	38049.318	343.167	37706.151	40243.249	2193.931	464.0273	4042.7963	0.0000	4506.8236	0.1184
PGT_IT_WA	5651.466	28.766	5622.700	21684.000	16032.534	2933.6759	0.0000	0.0000	2933.6759	0.5191
PGT_T1_WA	6002.819	30.554	5972.264	7585.430	1582.611	41.9319	682.8383	0.0000	724.7703	0.1207
PGT_T1X_WA	8976.543	45.691	8930.853	9125.000	148.457	59.0952	1135.9300	0.0000	1195.0252	0.1331

Units: MDT

Cost and Flow Summary

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
PST_T3_WA	15257.298	77.660	15179.639	15467.786	210.488	100.3692	2468.1493	0.0000	2568.5186	0.1683
PST_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PST_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PST_STARR_WA	10260.330	0.000	10260.330	364635.000	354374.670	0.0000	0.0000	0.0000	0.0000	0.0000
PST_TOT_WWP	25445.126	0.000	25445.126	32180.934	6735.808	347.6719	0.0000	0.0000	347.6719	0.0137
NWP_SF_TF1WA	11.227	0.167	11.059	3650.000	3638.773	0.7073	0.0000	0.0000	0.7073	0.0630
NWP_ST_TF1WA	10260.330	152.879	10107.451	23496.145	13235.815	646.3248	0.0000	0.0000	646.3248	0.0630
NWP_US_TF1WA	7300.927	108.784	7192.143	13750.280	6449.353	459.9156	0.0000	0.0000	459.9156	0.0630
NWP_BC_TF1WA	4973.830	74.110	4899.720	12981.225	8007.395	313.3513	0.0000	0.0000	313.3513	0.0630
NWPTF1_WWP	16707.702	0.000	16707.702	35908.700	19200.998	218.8900	26362.2380	0.0000	26581.1280	1.5910
NWP_WWP	8059.000	0.000	8059.000	364635.000	356576.000	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	131.155	1.954	129.201	4891.000	4759.845	9.5304	0.0000	0.0000	9.5304	0.0727
JPTF2_WWP	2426.270	36.151	2390.119	2426.270	0.000	148.4865	1315.5390	0.0000	1464.0255	0.6034
JPSUMAS_WWP	3366.421	50.160	3316.261	11093.810	7777.549	124.6914	0.0000	0.0000	124.6914	0.0370
JP_STFLD_WA	11.227	0.000	11.227	364635.000	364623.773	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	9.2756	83.1242	0.0000	92.3997	0.6027
NWP_BC_TF1OR	3146.613	46.885	3099.728	5298.705	2152.092	198.1957	0.0000	0.0000	198.1957	0.0630
NWP_US_TF1OR	2830.210	42.170	2788.040	2830.210	0.000	178.2552	0.0000	0.0000	178.2552	0.0630
NWP_SF_TF1OR	1667.700	24.849	1642.851	3650.000	1982.300	105.0311	0.0000	0.0000	105.0311	0.0630
NWPTF1_TOTOR	7700.451	0.000	7700.451	19606.705	11906.254	0.0000	9050.8371	0.0000	9050.8371	1.1754
NWP_KLF_OR	1899.415	28.301	1871.113	7095.600	5196.185	142.3111	0.0000	0.0000	142.3111	0.0749
NWP_ROS_OR	2152.391	0.000	2152.391	4946.845	2794.454	28.1467	0.0000	0.0000	28.1467	0.0131
NWP_GP_OR	2689.903	0.000	2689.903	364635.000	361945.097	35.3181	0.0000	0.0000	35.3181	0.0131
NWP_ROSGP_OR	4842.294	0.000	4842.294	10446.300	5604.006	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	232.735	0.000	232.735	364635.000	364402.265	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	1281.847	0.000	1281.847	3146.300	1864.453	16.9023	0.0000	0.0000	16.9023	0.0132
NWPTOT_LG_OR	1579.027	0.000	1579.027	3321.500	1742.473	20.7825	0.0000	0.0000	20.7825	0.0132
PSTNWP_SF_OR	1667.700	0.000	1667.700	364635.000	362967.300	0.0000	0.0000	0.0000	0.0000	0.0000
PST_IT_OR	2607.752	73.440	2534.313	18484.330	15876.578	1307.5714	0.0000	0.0000	1307.5714	0.5014
PST_T1_OR	1650.592	46.484	1604.108	2606.100	955.508	32.1520	850.0313	0.0000	882.1833	0.5345
PST_T1X_OR	7351.825	207.042	7144.783	7642.500	290.675	139.9069	3437.7986	0.0000	3577.7054	0.4866
PST_T3_OR	1204.840	33.931	1170.909	1204.840	0.000	22.4312	694.1487	0.0000	716.5799	0.5948
PST_NWPKF	1899.415	0.000	1899.415	364635.000	362735.585	0.0000	0.0000	0.0000	0.0000	0.0000
PST_KLFMEDOR	8886.998	0.000	8886.998	12321.000	3434.002	0.0000	0.0000	0.0000	0.0000	0.0000
PST_KLFOR	1352.378	0.000	1352.378	1664.400	312.022	6.2073	222.2601	0.0000	228.4673	0.1689
PST_MEDOR	7534.621	0.000	7534.621	11810.000	4275.379	29.2916	12268.3770	0.0000	12297.6686	1.6322
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	3.7086	51.2599	0.0000	54.9685	0.5819
LANGTF2_TF1OR	172.400	2.569	169.831	364635.000	364462.600	5.8814	93.4157	0.0000	99.2971	0.5760
NWP_US_TF1CA	1513.958	22.558	1491.400	1743.605	229.647	115.4892	0.0000	0.0000	115.4892	0.0763
NWP_BC_TF1CA	1138.699	16.967	1121.733	2407.540	1268.841	84.1608	0.0000	0.0000	84.1608	0.0739
NWP_TF1_CA	2613.133	0.000	2613.133	4061.963	1448.830	0.0000	2202.6867	0.0000	2202.6867	0.8429
PAIUTE_SLTCA	2683.861	80.516	2603.345	4929.494	2245.633	11.5044	3146.8041	0.0000	3158.3085	1.1768
LANG_PAUTECA	70.728	0.000	70.728	364635.000	364564.272	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Transportation Summary			Cap Rel Revenue	Fix Cost	Var Cost	Surplus	Max Flow	Tot Cost	Units: MDT Average Tot Cost
				Max Flow	Surplus	Var Cost							
Total		1579.445						8399.1905	76339.2356			84738.4261	0.3098

EXHIBIT H

PEAK DAY SYSTEM ACTIVITY LOW CASE

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Avg/Act with peak, spot available
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Peak Subperiod Demand Summary

FEB 15, 2004 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	TOTAL DEMAND	TOTAL SERVED	TOTAL SERVED	TOTAL UNSERVED
KLF	12.249	12.249	0.000	0.000
LAG	7.311	7.311	0.000	0.000
MED(any)	30.656	30.656	0.000	0.000
MED(NWP)	10.219	10.219	0.000	0.000
ROS	12.292	12.292	0.000	0.000
SLT	13.075	13.075	0.000	0.000
WWP(any)	167.935	167.935	0.000	0.000
WWP(NWP)	91.779	91.779	0.000	0.000
TOTAL	345.516	345.516	0.000	0.000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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FEB 15, 2004 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	45.12		Hedged AECO	34.00	JP_WA		112.6			1379	55	NOVA_ANG	99.355	
SLS_CML_OR	27.53		Hedged US	13.00	JP_OR		2.528			52	55	ANG_PGT	119.403	1.087
SLS_FRM_OR	0.067		Hedged Sumas	13.00	LNG_WA		22.00			87	57	PGT_IT_WA		
SLS_INT_OR			A1 index	19.00	LNG_OR		19.20			58	33	PGT_T1_WA	20.676	0.106
TSP_INT_OR			A2 index	21.13	LNG_CA		6.535	0.196		51	59	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	9.762		A3 index	15.59								PGT_T3_WA	54.544	0.279
SLS_CML_CA	3.312		N_SPOT_SUMAS									PGT_STFLD_WA		
TSP_INT_CA			N_SPOT_ROCK	7.271								PGT_TNSKA_WA		
SLS_RES_WA	147.2		P_SPOT_AECO	46.35								PGT_STARR_WA		
SLS_CML_WA	88.15		P_SPOT_KNGGA									PGT_TOT_WWP	100.093	
SLS_FRM_WA	4.955		BC_WIL_PK									NWP_SF_TF1WA	5.530	0.084
SLS_INT_WA			SF_WIL_PK									NWP_ST_TF1WA		
TSP_FRM_WA	19.33		TSP_INT_W									NWP_US_TF1WA	7.625	0.115
TSP_INT_WA			TSP_INT_K									NWP_BC_TF1WA		
			TSP_INT_L									NWPTF1_WWP	13.155	
			TSP_INT_M									NWP_WWP	67.842	
			TSP_INT(GP)									JPTF1_WWP		
			TSP_INT_R									JPTF2_WWP	75.065	1.135
			TSP_INT_S									JPSUMAS_WWP	30.394	0.460
			TSP_FIRM_W	19.33								JP_STFLD_WA	5.613	
												LNGTF2_WWP	21.672	0.328
												NWP_BC_TF1OR	10.372	0.157
												NWP_US_TF1OR	7.638	0.116
												NWP_SF_TF1OR		
												NWPTF1_TOTOR	36.925	
												NWP_KLF_OR	7.689	0.116
												NWP_ROS_OR	3.672	
												NWP_GP_OR	19.812	
												NWP_ROSGP_OR	23.485	
												NWP_MED_OR	9.593	
												NWPTOT_RS_OR	8.620	
												NWPTOT_LG_OR	7.311	
												PGTNWP_SF_OR		
												PGT_IT_OR		
												PGT_T1_OR		
												PGT_T1X_OR	26.995	0.782
												PGT_T3_OR	6.434	0.186
												PGT_NWPKF	7.805	
												PGT_KLFMEDOR	25.623	
												PGT_KLFOR	4.560	
												PGT_MEDOR	21.063	
												JPTF2_TOTOR	2.491	0.038
												LNGTF2_TF1OR	18.914	0.286

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Forecast by Class

FEB 15, 2008		Daily System Activity										Units: MDT			
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA	TOTAL
KLF	9.119	4.980													
LAG	4.920	3.160													
MED (any)	22.972	12.816	0.018												
MED (NWP)	7.657	4.272	0.006												
ROS	8.119	6.081	0.050			9.998		3.408							
SLT															
WWP (any)															
WWP (NWP)															
TOTAL	52.788	31.309	0.073			9.998		3.408							
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA									
KLF															
LAG															
MED (any)	119.822	68.365	3.145										19.608		
MED (NWP)	51.352	29.299	1.820										19.608		
ROS															
SLT															
WWP (any)															
WWP (NWP)															
TOTAL	171.174	97.664	4.965										19.608		

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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Peak Subperiod Demand Summary

FEB 15, 2008 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	TOTAL DEMAND	TOTAL SERVED	TOTAL SERVED	TOTAL UNSERVED
KLF	14.098	14.098	14.098	0.000
LAG	8.080	8.080	8.080	0.000
MED(any)	35.806	35.806	35.806	0.000
MED(NWP)	11.935	11.935	11.935	0.000
ROS	14.250	14.250	14.250	0.000
SLT	13.405	13.405	13.405	0.000
WWP(any)	191.331	191.331	191.331	0.000
WWP(NWP)	102.080	102.080	102.080	0.000
TOTAL	390.986	390.986	390.986	0.000

FEB 15, 2008

Daily System Activity

Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	52.78		Hedged AECO	34.00	JP_WA	112.6				1549	62	NOVA_ANG	105.199	
SLS_CML_OR	31.30		Hedged US	13.00	JP_OR	2.623				57	60	ANG_PGT	125.195	1.139
SLS_FRM_OR	0.073		Hedged Sumas	13.00	LNG_WA	22.00				87	57	PGT_IT_WA		
SLS_INT_OR			A2 index	21.13	LNG_OR	19.20				108	63	PGT_T1_WA	20.676	0.106
TSP_INT_OR			N_SPOT_SUMAS	8.137	LNG_CA	6.535	0.196			30	34	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	9.998		N_SPOT_ROCK	37.20								PGT_T3_WA	54.544	0.279
SLS_CML_CA	3.408		P_SPOT_AECO	71.19								PGT_STFLD_WA		
TSP_INT_CA			P_SPOT_KNGGA	17.67								PGT_TNSKA_WA		
SLS_RES_WA	171.1		TSP_INT_W									PGT_STARR_WA		
SLS_CML_WA	97.66		TSP_INT_K									PGT_TOT_WWP	100.093	
SLS_FRM_WA	4.965		TSP_INT_L									NWP_SF_TFIWA	5.530	0.084
SLS_INT_WA			TSP_INT_M									NWP_ST_TFIWA		
TSP_FRM_WA	19.60		TSP_INT(GP)									NWP_US_TFIWA	37.111	0.561
TSP_INT_WA			TSP_INT_R									NWP_BC_TFIWA	3.939	0.060
			TSP_INT_S									NWPTF1_WWP	46.579	
			TSP_FIRM_W	19.60								NWP_WWP	91.239	
												JPTF1_WWP		
												JPTF2_WWP	75.065	1.135
												JPSUMAS_WWP	30.394	0.460
												JP_STFLD_WA	5.613	
												LANGTF2_WWP	21.672	0.328
												NWP_BC_TF1OR	14.108	0.213
												NWP_US_TF1OR	7.638	0.116
												NWP_SF_TF1OR		
												NWPTF1_TOTOR	40.660	
												NWP_KLF_OR	9.538	0.144
												NWP_ROS_OR	7.706	
												NWP_GP_OR	20.914	
												NWP_ROSGP_OR	28.620	
												NWP_MED_OR	8.979	
												NWPTOT_RS_OR	6.545	
												NWPTOT_LG_OR	8.080	
												PGTNWP_SF_OR		
												PGT_IT_OR		
												PGT_T1_OR	6.939	0.201
												PGT_T1X_OR	27.697	0.803
												PGT_T3_OR	6.434	0.186
												PGT_NWPKF	9.683	
												PGT_KLFMEDOR	31.387	
												PGT_KLFOR	4.560	
												PGT_MEDOR	26.827	
												JPTF2_TOTOR	2.584	0.039
												LANGTF2_TF1OR	18.914	0.286

Avg/Act with peak, spot available
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Peak Subperiod Demand Forecast by Class

FEB 15, 2013		Daily System Activity										Units: MDT		
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	TSP_INT_WA	TSP_FRM_WA	TSP_INT_WA
KLF	10.786	5.546												
LAG	5.549	3.407												
MED(any)	26.862	14.230	0.020											
MED(NWP)	8.954	4.743	0.007											
ROS	9.932	6.823	0.057			10.281			10.281					3.527
SLT														
WWP(any)														
WWP(NWP)														
TOTAL	62.082	34.750	0.083			10.281			10.281					3.527
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_INT_WA	TSP_FRM_WA	TSP_INT_WA							
KLF														
LAG														
MED(any)														
MED(NWP)														
ROS														
SLT														
WWP(any)	140.802	76.562	3.234								20.680			
WWP(NWP)	60.344	32.812	1.862								20.680			
TOTAL	201.146	109.375	5.095								20.680			

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Summary

FEB 15, 2013 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	TOTAL DEMAND	SERVED	TOTAL SERVED	TOTAL UNSERVED
KLF	16.332	16.332	0.000	0.000
LAG	8.955	8.955	0.000	0.000
MED(any)	41.112	41.112	0.000	0.000
MED(NWP)	13.704	13.704	0.000	0.000
ROS	16.812	16.812	0.000	0.000
SLT	13.808	13.808	0.000	0.000
WWP (any)	220.598	201.945	18.654	18.654
WWP (NWP)	115.698	115.698	0.000	0.000
TOTAL	447.020	428.366	18.654	18.654

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Forecast by Class

FEB 15, 2018		Daily System Activity								Units: MDT
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA		
KLF	12.175	6.234								
LAG	6.242	3.720								
MED (any)	31.066	15.675	0.022							
MED (NWP)	10.355	5.225	0.007							
ROS	12.132	7.653	0.063							
SLT						10.565	3.646			
WWP (any)										
WWP (NWP)										
TOTAL	71.971	38.507	0.092			10.565	3.646			
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA				
KLF										
LAG										
MED (any)										
MED (NWP)										
ROS										
SLT										
WWP (any)	159.635	84.514	3.200					21.060		
WWP (NWP)	68.415	36.220	1.843							
TOTAL	228.050	120.735	5.043					21.060		

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Summary

FEB 15, 2018		Daily System Activity				Units: MDT
AREA	FORECAST TOTAL DEMAND	TOTAL SERVED	TOTAL UNSERVED			
KLF	18.409	18.409	0.000			
LAG	9.962	9.100	0.862			
MED(any)	46.763	46.763	0.000			
MED(NWP)	15.588	15.588	0.000			
ROS	19.847	19.847	0.000			
SLT	14.211	14.211	0.000			
WWP(any)	247.350	198.421	48.929			
WWP(NWP)	127.538	127.538	0.000			
TOTAL	499.669	449.878	49.791			

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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FEB 15, 2018 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	71.10	0.862	Hedged AECO	34.00	JP_WA		112.6			2149	86	NOVA_ANG	126.368	
SLS_CML_OR	38.50		Hedged US	13.00	JP_OR		2.623			72	77	ANG_PGT	125.228	1.140
SLS_FRM_OR	0.092		Hedged Sumas	13.00	LNG_WA		22.00			87	57	PGT_IT_WA		
SLS_INT_OR			N_SPOT_SUMAS	40.74	LNG_OR		19.20			68	40	PGT_T1_WA	20.676	0.106
TSP_INT_OR			N_SPOT_ROCK	37.20	LNG_CA		6.535	0.196		40	47	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	10.56		P_SPOT_AECO	92.36								PGT_T3_WA	54.544	0.279
SLS_CML_CA	3.646		P_SPOT_KNGGA	43.80								PGT_STFLD_WA		
TSP_INT_CA			TSP_INT_W									PGT_TNSKA_WA		
SLS_RES_WA	179.1	48.92	TSP_INT_K									PGT_STARR_WA		
SLS_CML_WA	120.7		TSP_INT_L									PGT_TOT_WWP	100.093	
SLS_FRM_WA	5.043		TSP_INT_M									NWP_SF_TF1WA	5.530	0.084
SLS_INT_WA			TSP_INT(GP)									NWP_ST_TF1WA		
TSP_FRM_WA	21.06		TSP_INT_R									NWP_US_TF1WA	37.111	0.561
TSP_INT_WA			TSP_INT_S									NWP_BC_TF1WA	35.035	0.530
			TSP_FIRM_W	21.06								NWPTF1_WWP	77.675	
												NWP_WWP	98.328	
												JPTF1_WWP		
												JPTF2_WWP	75.065	1.135
												JPSUMAS_WWP	30.394	0.460
												JP_STFLD_WA	5.613	
												LNGTF2_WWP	21.672	0.328
												NWP_BC_TF1OR	14.301	0.216
												NWP_US_TF1OR	7.638	0.116
												NWP_SF_TF1OR	1.098	0.017
												NWPTF1_TOTOR	41.951	
												NWP_KLF_OR	13.849	0.209
												NWP_ROS_OR	11.227	
												NWP_GP_OR	15.588	
												NWP_ROSGP_OR	26.815	
												NWP_MED_OR		
												NWPTOT_RS_OR	8.620	
												NWPTOT_LG_OR	9.100	
												PGTNWP_SF_OR	1.115	
												PGT_IT_OR	25.427	0.737
												PGT_T1_OR	6.939	0.201
												PGT_T1X_OR	27.697	0.803
												PGT_T3_OR	6.434	0.186
												PGT_NWPKF	14.059	
												PGT_KLFMEDOR	51.323	
												PGT_KLFOR	4.560	
												PGT_MEDOR	46.763	
												JPTF2_TOTOR	2.584	0.039
												LNGTF2_TF1OR	18.914	0.286

FEB 15, 2018 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
Total	449.8	49.79	Total	295.1	Total	163.0	0.196			2417		Total		8.125
												NWP_US_TF1CA	4.706	0.071
												NWP_BC_TF1CA	3.606	0.055
												NWP_TF1_CA	8.312	
												PAIUTE_SLTCA	14.211	0.440
												LANG_PAIUTECA	6.339	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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Peak Subperiod Demand Forecast by Class

FEB 15, 2023		Daily System Activity										Units: MDT		
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA
KLF	13.397	6.868												
LAG	6.861	3.984												
MED (any)	34.748	16.752	0.024											
MED (NWP)	11.583	5.584	0.008											
ROS	14.223	8.346	0.066											
SLT														
WWP (any)									10.792					3.741
WWP (NWP)														
TOTAL	80.812	41.533	0.098						10.792					3.741
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA								
KLF														
LAG														
MED (any)														
MED (NWP)														
ROS														
SLT														
WWP (any)	173.702	90.807	3.181										21.291	
WWP (NWP)	74.444	38.917	1.831											
TOTAL	248.146	129.724	5.012										21.291	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Summary

FEB 15, 2023 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	TOTAL DEMAND	TOTAL SERVED	TOTAL SERVED	TOTAL UNSERVED
KLF	20.265	20.265	0.000	0.000
LAG	10.845	9.100	1.745	1.745
MED(any)	51.523	50.000	1.523	1.523
MED(NWP)	17.174	15.067	2.107	2.107
ROS	22.635	22.173	0.462	0.462
SLT	14.533	14.533	0.000	0.000
WWP (any)	267.690	189.707	77.983	77.983
WWP (NWP)	136.483	136.483	0.000	0.000
TOTAL	541.150	457.328	83.821	83.821

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, low demand

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FEB 15, 2023 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	76.96	3.845	Hedged AECO	34.00	JP_WA		112.6			2149	86	NOVA_ANG	126.368	
SLS_CML_OR	39.57	1.962	Hedged US	13.00	JP_OR		2.623			62	66	ANG_PGT	125.228	1.140
SLS_FRM_OR	0.066	0.031	Hedged Sumas	13.00	LNG_WA		22.00			75	49	PGT_IT_WA		
SLS_INT_OR			N_SPOT_SUMAS	41.07	LNG_OR		19.20			54	31	PGT_T1_WA	20.676	0.106
TSP_INT_OR			N_SPOT_ROCK	37.20	LNG_CA		6.535	0.196		35	40	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	10.79		P_SPOT_AECO	92.36								PGT_T3_WA	54.544	0.279
SLS_CML_CA	3.741		P_SPOT_KNGGA	51.00								PGT_STFLD_WA		
TSP_INT_CA			TSP_INT_W									PGT_TNSKA_WA		
SLS_RES_WA	170.1	77.98	TSP_INT_K									PGT_STARR_WA		
SLS_CML_WA	129.7		TSP_INT_L									PGT_TOT_WWP	100.093	
SLS_FRM_WA	5.012		TSP_INT_M									NWP_SF_FF1WA	5.530	0.084
SLS_INT_WA			TSP_INT(GP)									NWP_ST_FF1WA		
TSP_FRM_WA	21.29		TSP_INT_R									NWP_US_FF1WA	37.111	0.561
TSP_INT_WA			TSP_INT_S									NWP_BC_FF1WA	35.035	0.530
			TSP_FIRM_W	21.29								NWPTFI_WWP	77.675	
												NWP_WWP	89.614	
												JPTFI_WWP		
												JPTF2_WWP	75.065	1.135
												JFSUMAS_WWP	30.394	0.460
												JP_STFLD_WA	5.613	
												LNGTF2_WWP	21.672	0.328
												NWP_BC_FF1OR	14.301	0.216
												NWP_US_FF1OR	7.638	0.116
												NWP_SF_FF1OR	2.903	0.044
												NWPTFI_TOTOR	43.756	
												NWP_KLF_OR	18.865	0.285
												NWP_ROS_OR	13.553	
												NWP_GP_OR	15.067	
												NWP_ROSGP_OR	28.620	
												NWP_MED_OR		
												NWPTOT_RS_OR	8.620	
												NWPTOT_LG_OR	9.100	
												PGTNWP_SF_OR	2.947	
												PGT_IT_OR	32.427	0.940
												PGT_T1_OR	6.939	0.201
												PGT_T1X_OR	27.697	0.803
												PGT_T3_OR	6.434	0.186
												PGT_NWPKF	19.150	
												PGT_KLFMEDOR	51.400	
												PGT_KLFOR	1.400	
												PGT_MEDOR	50.000	
												JPTF2_TOTOR	2.584	0.039
												LNGTF2_FF1OR	18.914	0.286

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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FEB 15, 2023 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
Total	457.3	83.82	Total	302.9	Total	163.0	0.196		2374			Total		8.446
												NWP_US_TF1CA	4.706	0.071
												NWP_BC_TF1CA	3.938	0.060
												NWP_TF1_CA	8.644	
												PAIUTE_SLTCA	14.533	0.449
												LNG_PAUTECA	6.339	

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EXHIBIT I

PEAK DAY SYSTEM ACTIVITY HIGH CASE

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Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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Peak Subperiod Demand Forecast by Class

FEB 15, 2004		Daily System Activity										Units: MDT
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_RES_WA	SLS_CML_WA	TSP_INT_WA	TSP_FRM_WA
KLF	9.429	5.542										
LAG	5.356	3.580										
MED(any)	23.965	13.484	0.016									
MED(NWP)	7.988	4.495	0.005									
ROS	8.413	6.555	0.046			11.932	4.048					
SLT												
WWP(any)												
WWP(NWP)												
TOTAL	55.151	33.656	0.067			11.932	4.048					
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_INT_WA	TSP_FRM_WA	TSP_INT_WA	TSP_FRM_WA	TSP_INT_WA	TSP_FRM_WA	TSP_INT_WA	TSP_FRM_WA
KLF												
LAG												
MED(any)												
MED(NWP)												
ROS												
SLT												
WWP(any)	125.993	75.425	3.139									
WWP(NWP)	53.997	32.325	1.816					19.336				
TOTAL	179.990	107.750	4.955					19.336				

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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Peak Subperiod Demand Summary

FEB 15, 2004		Daily System Activity		Units: MDT
AREA	FORECAST TOTAL DEMAND	TOTAL SERVED	TOTAL UNSERVED	
KLF	14.971	14.971	0.000	
LAG	8.935	8.935	0.000	
MED (any)	37.465	37.465	0.000	
MED (NWP)	12.488	12.488	0.000	
ROS	15.014	15.014	0.000	
SLT	15.980	15.980	0.000	
WWP (any)	204.556	204.556	0.000	
WWP (NWP)	107.474	107.474	0.000	
TOTAL	416.884	416.884	0.000	

FEB 15, 2004 Daily System Activity Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	55.15		Hedged AECO	34.00	JP_WA		112.6			1379	55	NOVA_ANG	105.199	
SLS_CML_OR	33.65		Hedged US	13.00	JP_OR		2.528			52	55	ANG_PGT	125.195	1.139
SLS_FRM_OR	0.067		Hedged Sumas	13.00	LNG_WA		22.00			48	31	PGT_IT_WA		
SLS_INT_OR			A1 index	19.00	LNG_OR		19.20			55	32	PGT_T1_WA	20.676	0.106
TSP_INT_OR			A2 index	21.13	LNG_CA		6.535	0.196		26	30	PGT_T1X_WA	24.873	0.127
SLS_RES_CA	11.93		A3 index	15.59								PGT_T3_WA	54.544	0.279
SLS_CML_CA	4.048		N_SPOT_SUMAS	29.20								PGT_STFLD_WA		
TSP_INT_CA			N_SPOT_ROCK	37.20								PGT_TNSKA_WA		
SLS_RES_WA	179.9		P_SPOT_AECO	52.19								PGT_STARR_WA		
SLS_CML_WA	107.7		P_SPOT_KNGGA	7.837								PGT_TOT_WWP	100.093	
SLS_FRM_WA	4.955		BC_WIL_PK									NWP_SF_TF1WA	5.530	0.084
SLS_INT_WA			SF_WIL_PK									NWP_ST_TF1WA		
TSP_FRM_WA	19.33		TSP_INT_W									NWP_US_TF1WA	37.111	0.561
TSP_INT_WA			TSP_INT_K									NWP_BC_TF1WA	22.831	0.345
			TSP_INT_L									NWPTF1_WWP	65.471	
			TSP_INT_M									NWP_WWP	104.464	
			TSP_INT(GP)									JPTF1_WWP		
			TSP_INT_R									JPTF2_WWP	75.065	1.135
			TSP_INT_S									JFSUMAS_WWP	30.394	0.460
			TSP_FIRM_W	19.33								JP_STFLD_WA	5.613	
												LNGTF2_WWP	21.672	0.328
												NWP_BC_TF1OR	13.316	0.201
												NWP_US_TF1OR	7.638	0.116
												NWP_SF_TF1OR		
												NWPTF1_TOTOR	39.868	
												NWP_KLF_OR	10.411	0.157
												NWP_ROS_OR	6.394	
												NWP_GP_OR	18.410	
												NWP_ROSGP_OR	24.804	
												NWP_MED_OR	5.921	
												NWPTOT_RS_OR	8.620	
												NWPTOT_LG_OR	8.935	
												PGTNWP_SF_OR		
												PGT_IT_OR	5.603	0.162
												PGT_T1_OR	6.939	0.201
												PGT_T1X_OR	27.697	0.803
												PGT_T3_OR	6.434	0.186
												PGT_NWPKF	10.569	
												PGT_KLFMEDOR	36.104	
												PGT_KLFOR	4.560	
												PGT_MEDOR	31.544	
												JPTF2_TOTOR	2.491	0.038
												LNGTF2_TF1OR	18.914	0.286

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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FEB 15, 2004 Daily System Activity Units: MDT

Demand	Suppl. Unsup. Supplies	Take	Storages	Adj (-With)	With (-Inj)	Inj Fuel	Ending Inv.	% Full	Transport	Deliv. Fuel	Fuel
Total	416.8	Total	261.5	Total	162.9	0.196	1560		Total	7.363	
									NWP_US_TF1CA	4.706	0.071
									NWP_BC_TF1CA	5.429	0.082
									NWP_TF1_CA	10.135	
									PAIUTE_SLTCA	15.980	0.494
									LNG_PAIUTECA	6.339	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Summary

FEB 15, 2008 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	TOTAL DEMAND	TOTAL SERVED	TOTAL SERVED	TOTAL UNSERVED
KLF	17.231	17.231	0.000	0.000
LAG	9.875	9.100	0.775	0.000
MED (any)	43.759	43.759	0.000	0.000
MED (NWP)	14.586	14.586	0.000	0.000
ROS	17.406	17.406	0.000	0.000
SLT	16.384	16.384	0.000	0.000
WPP (any)	233.151	194.845	38.305	0.000
WPP (NWP)	120.002	120.002	0.000	0.000
TOTAL	472.395	433.315	39.080	0.000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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Peak Subperiod Demand Summary

FEB 15, 2013		Daily System Activity		Units: MDT
AREA	FORECAST TOTAL DEMAND	TOTAL SERVED	TOTAL UNSERVED	
KLF	19.962	19.770	0.192	
LAG	10.946	9.100	1.846	
MED(any)	50.243	46.840	3.403	
MED(NWP)	16.748	16.705	0.043	
ROS	20.535	20.535	0.000	
SLT	16.877	16.877	0.000	
WWP(any)	268.902	181.243	87.658	
WWP(NWP)	136.399	136.399	0.000	
TOTAL	540.611	447.470	93.142	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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FEB 15, 2013

Daily System Activity

Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	74.03	1.846	Hedged AECO	34.00	JP_WA	112.6			2149	86	NOVA_ANG	126.368	
SLS_CML_OR	38.84	3.631	Hedged US	13.00	JP_OR	2.623			74	78	ANG_PGT	125.228	1.140
SLS_FRM_OR	0.077	0.007	Hedged Sumas	13.00	LNG_WA	22.00			70	46	PGT_IT_WA		
SLS_INT_OR			N_SPOT_SUMAS	35.62	LNG_OR	19.20			59	34	PGT_T1_WA	20.676	0.106
TSP_INT_OR			N_SPOT_ROCK	37.20	LNG_CA	6.387	0.192				PGT_T1X_WA	24.873	0.127
SLS_RES_CA	12.56		P_SPOT_AECO	92.36							PGT_T3_WA	54.544	0.279
SLS_CML_CA	4.311		P_SPOT_KNGGA	47.18							PGT_STFLD_WA		
TSP_INT_CA			TSP_INT_W								PGT_TNSKA_WA		
SLS_RES_WA	245.8		TSP_INT_K								PGT_STARR_WA		
SLS_CML_WA	46.02	87.65	TSP_INT_L								PGT_TOT_WWP	100.093	
SLS_FRM_WA	5.095		TSP_INT_M								NWP_SF_TFIWA	5.530	0.084
SLS_INT_WA			TSP_INT(GP)								NWP_ST_TFIWA		
TSP_FRM_WA	20.68		TSP_INT_R								NWP_US_TFIWA	37.111	0.561
TSP_INT_WA			TSP_INT_S								NWP_BC_TFIWA	27.099	0.410
			TSP_FIRM_W	20.68							NWPTF1_WWP	69.739	
											NWP_WWP	81.151	
											JPTF1_WWP		
											JPTF2_WWP	75.065	1.135
											JPSUMAS_WWP	30.394	0.460
											JP_STFLD_WA	5.613	
											LNGTF2_WWP	21.672	0.328
											NWP_BC_TFIOR	14.301	0.216
											NWP_US_TFIOR	7.638	0.116
											NWP_SF_TFIOR	2.903	0.044
											NWPTF1_TOTOR	43.756	
											NWP_KLF_OR	15.210	0.230
											NWP_ROS_OR	11.915	
											NWP_GP_OR	16.705	
											NWP_ROSGP_OR	28.620	
											NWP_MED_OR		
											NWPTOT_RS_OR	8.620	
											NWPTOT_LG_OR	9.100	
											NWPTOT_SF_OR	2.947	
											PGT_IT_OR	28.717	0.832
											PGT_T1_OR	6.939	0.201
											PGT_T1X_OR	27.697	0.803
											PGT_T3_OR	6.434	0.186
											PGT_NWPKF	15.440	
											PGT_KLFMEDOR	51.400	
											PGT_KLFOR	4.560	
											PGT_MEDOR	46.840	
											JPTF2_TOTOR	2.584	0.039
											LNGTF2_TFIOR	18.914	0.286

Peak Subperiod Demand Forecast by Class

FEB 15, 2018		Daily System Activity										Units: MDT		
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA
KLF	14.881	7.619												
LAG	7.629	4.547												
MED(any)	37.969	19.159	0.022											
MED(NWP)	12.656	6.386	0.007											
ROS	14.828	9.353	0.063						12.913					4.456
SLT														
WWP(any)														
WWP(NWP)														
TOTAL	87.965	47.064	0.092						12.913					4.456
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA								
KLF														
LAG														
MED(any)														
MED(NWP)														
ROS														
SLT														
WWP(any)	195.109	103.295	3.200						21.060					
WWP(NWP)	83.618	44.269	1.843											
TOTAL	278.728	147.565	5.043						21.060					

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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Peak Subperiod Demand Summary

FEB 15, 2018 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	DEMAND	SERVED	SERVED	UNSERVED
KLF	22.500	22.500	0.000	0.000
LAG	12.176	9.100	3.076	0.000
MED (any)	57.150	57.150	0.000	0.000
MED (NWP)	19.050	4.982	14.068	0.000
ROS	24.244	22.173	2.071	0.000
SLT	17.369	10.867	6.501	0.000
WMP (any)	301.605	175.169	126.437	0.000
WMP (NWP)	150.790	150.790	0.000	0.000
TOTAL	604.885	452.731	152.154	0.000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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Units: MDT

Daily System Activity

FEB 15, 2018

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	70.16	17.80	Hedged AECO	34.00	JP_WA	112.6			2149	86	NOVA_ANG	126.368	
SLS_CML_OR	45.65	1.412	Hedged US	13.00	JP_OR	1.199			16	17	ANG_PGT	125.228	1.140
SLS_FRM_OR	0.092		Hedged Sumas	13.00	LNG_WA	22.00			22	14	PGT_IT_WA		
SLS_INT_OR			N_SPOT_SUMAS	43.67	LNG_OR	13.57			47	27	PGT_T1_WA	20.676	0.106
TSP_INT_OR			N_SPOT_ROCK	37.20	LNG_CA						PGT_T1X_WA	24.873	0.127
SLS_RES_CA	10.86	2.045	P_SPOT_AECO	92.36							PGT_T3_WA	54.544	0.279
SLS_CML_CA	4.456		P_SPOT_KNGGA	57.53							PGT_STFLD_WA		
TSP_INT_CA			TSP_INT_W								PGT_TNSKA_WA		
SLS_RES_WA	152.2	126.4	TSP_INT_K								PGT_STARR_WA	100.093	
SLS_CML_WA	147.5		TSP_INT_L								PGT_TOT_WWP	5.530	0.084
SLS_FRM_WA	5.043		TSP_INT_M								NWP_SF_TFIWA		
SLS_INT_WA			TSP_INT(GP)								NWP_ST_TFIWA		
TSP_FRM_WA	21.06		TSP_INT_R								NWP_US_TFIWA	37.111	0.561
TSP_INT_WA			TSP_INT_S								NWP_BC_TFIWA	35.035	0.530
			TSP_FIRM_W	21.06							NWTF1_WWP	77.675	
											NWP_WWP	75.076	
											JPTF1_WWP		
											JPTF2_WWP	75.065	1.135
											JPSUMAS_WWP	30.394	0.460
											JP_STFLD_WA	5.613	
											LNGTF2_WWP	21.672	0.328
											NWP_BC_TFIOR	14.301	0.216
											NWP_US_TFIOR	7.638	0.116
											NWP_SF_TFIOR	9.851	0.149
											NWPTF1_TOTOR	45.159	
											NWP_KLF_OR	18.165	0.275
											NWP_ROS_OR	13.553	
											NWP_GP_OR	15.067	
											NWP_ROSGP_OR	28.620	
											NWP_MED_OR	10.085	
											NWPTOT_RS_OR	8.620	
											NWPTOT_LG_OR	9.100	
											PGTNWP_SF_OR	10.000	
											PGT_IT_OR	38.770	1.123
											PGT_T1_OR	6.939	0.201
											PGT_T1X_OR	27.697	0.803
											PGT_T3_OR	6.434	0.186
											PGT_NWPKF	18.440	
											PGT_KLFMEDOR	51.400	
											PGT_KLFOR	4.335	
											PGT_MEDOR	47.065	
											JPTF2_TOTOR	1.181	0.018
											LNGTF2_TFIOR	13.368	0.202

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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Peak Subperiod Demand Forecast by Class

FEB 15, 2023		Daily System Activity										Units: MDT
AREA	SLS_RES_OR	SLS_CML_OR	SLS_FRM_OR	SLS_INT_OR	TSP_INT_OR	SLS_RES_CA	SLS_CML_CA	TSP_INT_CA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA
KLF	16.374	8.394										
LAG	8.386	4.869										
MED(any)	42.470	20.474	0.024									
MED(NWP)	14.157	5.825	0.008									
ROS	17.384	10.200	0.066			13.190	4.573					
SLT												
WPP(any)												
WPP(NWP)												
TOTAL	98.770	50.763	0.098			13.190	4.573					
AREA	SLS_RES_WA	SLS_CML_WA	SLS_FRM_WA	SLS_INT_WA	TSP_FRM_WA	TSP_INT_WA						
KLF												
LAG												
MED(any)												
MED(NWP)												
ROS												
SLT												
WPP(any)	212.303	110.986	3.181						21.291			
WPP(NWP)	90.987	47.566	1.831									
TOTAL	303.290	158.552	5.012						21.291			

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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Peak Subperiod Demand Summary

FEB 15, 2023 Daily System Activity Units: MDT

AREA	FORECAST		TOTAL	
	TOTAL DEMAND	TOTAL SERVED	TOTAL SERVED	TOTAL UNSERVED
KLF	24.768	23.710	1.058	
LAG	13.255	9.100	4.155	
MED (any)	62.968	46.840	16.128	
MED (NWP)	20.989	15.067	5.922	
ROS	27.650	22.173	5.477	
SLT	17.763	10.867	6.895	
WWP (any)	326.470	142.843	183.627	
WWP (NWP)	161.675	161.675	0.000	
TOTAL	655.538	432.276	223.263	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, high demand

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FEB 15, 2023

Daily System Activity

Units: MDT

Demand	Suppl.	Unsup.	Supplies	Take	Storages	Adj (-With)	With. (-Inj)	With Fuel	Inj Fuel	Ending Inv.	% Full	Transport	Deliv.	Fuel
SLS_RES_OR	87.64	11.12	Hedged AECO	34.00	JP_WA		112.6			1492	60	NOVA_ANG	126.368	
SLS_CML_OR	29.18	21.58	Hedged US	13.00	JP_OR		1.810			32	34	ANG_PGT	125.228	1.140
SLS_FRM_OR	0.066	0.031	Hedged Sumas	13.00	LNG_WA							PGT_IT_WA		
SLS_INT_OR			N_SPOT_SUMAS	43.67	LNG_OR					25	14	PGT_T1_WA	20.676	0.106
TSP_INT_OR	6.295	6.895	N_SPOT_ROCK	37.20	LNG_CA		12.96					PGT_T1X_WA	24.873	0.127
SLS_RES_CA			P_SPOT_AECO	92.36								PGT_T3_WA	54.544	0.279
SLS_CML_CA	4.573		P_SPOT_KNGGA	58.55								PGT_STFLD_WA		
TSP_INT_CA			TSP_INT_W									PGT_TNSKA_WA		
SLS_RES_WA	119.6	183.6	TSP_INT_K									PGT_STARR_WA		
SLS_CML_WA	158.5		TSP_INT_L									PGT_TOT_WWP	100.093	
SLS_FRM_WA	5.012		TSP_INT_M									NWP_SF_TF1WA	5.530	0.084
SLS_INT_WA			TSP_INT(GP)									NWP_ST_TF1WA		
TSP_FRM_WA	21.29		TSP_INT_R									NWP_US_TF1WA	37.111	0.561
TSP_INT_WA			TSP_INT_S									NWP_BC_TF1WA	35.035	0.530
			TSP_FIRM_W	21.29								NWPTF1_WWP	77.675	
												NWP_WWP	42.750	
												JPTF1_WWP		
												JPTF2_WWP	75.065	1.135
												JPSUMAS_WWP	30.394	0.460
												JP_STFLD_WA	5.613	
												LANGTF2_WWP		
												NWP_BC_TF1OR	14.301	0.216
												NWP_US_TF1OR	7.638	0.116
												NWP_SF_TF1OR	9.851	0.149
												NWPTF1_TOTOR	44.557	
												NWP_KLF_OR	19.150	0.290
												NWP_ROS_OR	13.553	
												NWP_GP_OR	15.067	
												NWP_ROSGP_OR	28.620	
												NWP_MED_OR		
												NWPTOT_RS_OR	8.620	
												NWPTOT_LG_OR	9.100	
												PGTNWP_SF_OR	10.000	
												PGT_IT_OR	39.770	1.152
												PGT_T1_OR	6.939	0.201
												PGT_T1X_OR	27.697	0.803
												PGT_T3_OR	6.434	0.186
												PGT_NWPKF	19.440	
												PGT_KLFMEDOR	51.400	
												PGT_KLFOR	4.560	
												PGT_MEDOR	46.840	
												JPTF2_TOTOR	1.783	0.027
												LANGTF2_TF1OR	12.767	0.193

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COST AND FLOW SUMMARY JULY NYMEX COMMODITY PRICES

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Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 149531.	Injection Cost 53.5580	Transportation Cost 1267.85	FEB 15, 2004
Penalty Cost 0.0000	Withdrawal Cost 6.9860	Other Variable Cost 0.0000	System Served 381.200
Other Variable Cost -959.03	Carrying Cost 518.953		System Unserved 0.000
	Other Variable Cost 0.0000		System Demand 381.200
Total Variable 148572.	Total Variable 579.497	Total Variable 1267.85	Market Served 0.000
	Demand Cost 551.740	Demand Cost 42316.7	Market Unserved 0.000
Demand/Reservation C 4091.46	Other Fixed Cost 2148.32	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 2700.06	Total Fixed 42316.7	Total 381.200
Total Fixed 4091.46			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3504.0	
Total Supply Cost 152663.	Total Storage Cost 3279.56	Total Trans Cost 4080.5	System Cost 196023.847
Avg Cost of Served Demand 4.824 \$/DT	Avg Cost of Gas Purchased 3.674 \$/DT		
(System Cost/Served Dem.)	(Supply Cost/LDC Purchase)		

Class	Demand		DSM Impact	Net Demand	Demand Summary		Unsupplied	Unsupplied Cost (K\$)	Units: MDT
	Before DSM	After DSM			Imbalance Served	Demand After Unb.			
SLS_RES_OR	5731.959	0.000	0.000	5731.959	0.000	5731.959	0.000	0.0000	
SLS_CML_OR	3932.657	0.000	0.000	3932.657	0.000	3932.657	0.000	0.0000	
SLS_FRM_OR	59.754	0.000	0.000	59.754	0.000	59.754	0.000	0.0000	
SLS_INT_OR	525.940	0.000	0.000	525.940	0.000	525.940	0.000	0.0000	
TSP_INT_OR	4111.879	0.000	0.000	4111.879	0.000	4111.879	0.000	0.0000	
SLS_RES_CA	1499.062	0.000	0.000	1499.062	0.000	1499.062	0.000	0.0000	
SLS_CML_CA	665.530	0.000	0.000	665.530	0.000	665.530	0.000	0.0000	
TSP_INT_CA	79.359	0.000	0.000	79.359	0.000	79.359	0.000	0.0000	
SLS_RES_WA	16470.287	0.000	0.000	16470.287	0.000	16470.287	0.000	0.0000	
SLS_CML_WA	10551.545	0.000	0.000	10551.545	0.000	10551.545	0.000	0.0000	
SLS_FRM_WA	1055.002	0.000	0.000	1055.002	0.000	1055.002	0.000	0.0000	
SLS_INT_WA	143.343	0.000	0.000	143.343	0.000	143.343	0.000	0.0000	
TSP_FRM_WA	6388.184	0.000	0.000	6388.184	0.000	6388.184	0.000	0.0000	
TSP_INT_WA	8413.851	0.000	0.000	8413.851	0.000	8413.851	0.000	0.0000	
Total	59628.351	0.000	0.000	59628.351	0.000	59628.351	0.000	0.0000	
Enduser				18993.273			0.000	0.0000	
Net Total				40635.078			0.000	0.0000	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6228.000	6228.000	0.000			3.7780	23529.5405	0.0000	23529.5405	3.7780
Hedged US	2291.000	2291.000	0.000			3.8397	8796.7877	0.0000	8796.7877	3.8397
Hedged Sumas	2291.000	2291.000	0.000			4.1693	9551.7955	0.0000	9551.7955	4.1693
A1 index	6842.765	6935.000	92.235			3.5650	23724.6744	679.2215	24403.8959	3.5664
A2 index	3212.520	3212.520	0.000	0.000		3.7454	11743.1132	337.6908	12080.8040	3.7605
A3 index	5694.000	5694.000	0.000			2.9243	16651.2233	3074.5520	19725.7753	3.4643
N_SPOT_SUMAS	227.488	365634.000	365406.512			3.8026	865.0400	0.0000	865.0400	3.8026
N_SPOT_ROCK	9401.691	365634.000	356232.309			3.6118	33957.0393	0.0000	33957.0393	3.6118
P_SPOT_AECO	5353.836	365634.000	360280.164			3.6809	19706.7376	0.0000	19706.7376	3.6809
P_SPOT_KNGGA	11.526	365634.000	365622.474			4.0230	46.3695	0.0000	46.3695	4.0230
BC_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000
SF_WIL_PK	0.000	2102.500	2102.500			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_W	8330.146	8330.146	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	397.313	397.313	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	479.367	479.367	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	1817.513	1817.513	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_GP	605.838	605.838	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	701.955	701.955	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	63.191	63.191	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6388.184	6388.184	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	60337.334					148572.320	4091.4643	152663.785		

Enduser 18783.507
 LDC Purchase 41553.827

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	2729.976	2697.762	0	32.214	2487	0	11378.490	8323.59	-3054.894
JP_OR	94	100	95.590	94.462	0	1.128	94	0	216.7053	313.980	97.2755
LNG_WA	153	100	0.000	55.813	0	0.000	98	-56	273.6673	174.041	-99.6262
LNG_OR	172	100	80.093	145.865	0	2.098	105	-68	327.4048	366.491	39.0870
LNG_CA	86	100	0.000	50.163	0	0.000	36	-50	229.8412	96.1909	-133.6503
Total	2993	100	2905.659	3044.066	0	35.440	2819	-174	12426.109	9274.30	-3151.808

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Cost and Flow Summary

Units: MDT

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	18424.601	0.000	18424.601	38502.834	20078.233	14.4537	4608.2632	0.0000	4622.7169	0.2509
ANG_PGT	21637.121	195.145	21441.976	40369.617	18732.496	146.1208	2263.4208	0.0000	2409.5416	0.1114
PGT_IT_WA	0.000	0.000	0.000	21744.000	21744.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_T1_WA	1398.808	7.120	1391.688	7606.212	7607.404	5.4553	382.3057	0.0000	387.7610	0.2772
PGT_T1X_WA	6569.318	33.438	6535.880	9150.000	2580.682	24.2421	635.9500	0.0000	660.1921	0.1005
PGT_T3_WA	12810.086	65.203	12744.882	15522.609	2712.523	47.2381	1381.7990	0.0000	1429.0371	0.1116
PGT_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_STARR_WA	1997.873	0.000	1997.873	365634.000	363636.127	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TOT_WWP	18674.577	0.000	18674.577	32281.557	13606.980	141.2409	0.0000	0.0000	141.2409	0.0076
NWP_SF_TF1WA	0.000	0.000	0.000	3660.000	3660.000	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_ST_TF1WA	1997.873	29.768	1968.105	23560.518	21562.645	70.3228	0.0000	0.0000	70.3228	0.0352
NWP_US_TF1WA	7730.153	115.179	7614.974	13787.952	6057.799	272.0432	0.0000	0.0000	272.0432	0.0352
NWP_BC_TF1WA	64.618	0.963	63.656	9427.794	9363.176	2.2746	0.0000	0.0000	2.2746	0.0352
NWPTF1_WWP	6916.758	0.000	6916.758	32418.084	25501.326	51.4447	14759.3858	0.0000	14810.8305	2.1413
NWP_WWP	1079.547	0.000	1079.547	365634.000	364554.453	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF2_WWP	2426.270	36.151	2390.119	2426.270	0.000	82.9495	736.5288	0.0000	819.4783	0.3378
JPSUMAS_WWP	271.492	4.045	267.447	11124.204	10856.757	10.0560	0.0000	0.0000	10.0560	0.0370
JP_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	55.813	0.832	54.981	8052.000	7996.187	1.9479	46.5386	0.0000	48.4865	0.8687
NWP_BC_TF1OR	1536.344	22.892	1513.453	4947.222	3410.878	54.0693	0.0000	0.0000	54.0693	0.0352
NWP_US_TF1OR	2647.247	39.444	2607.804	2837.964	190.717	93.1592	0.0000	0.0000	93.1592	0.0352
NWP_SF_TF1OR	305.464	4.551	300.913	3660.000	3354.536	10.7523	0.0000	0.0000	10.7523	0.0352
NWPTF1_TOTOR	4565.861	0.000	4565.861	19294.422	14728.561	0.0000	5067.2783	0.0000	5067.2783	1.1098
NWP_KLF_OR	502.355	7.485	494.870	4187.040	3684.685	20.9228	0.0000	0.0000	20.9228	0.0416
NWP_ROS_OR	1023.932	0.000	1023.932	4960.398	3936.466	7.4401	0.0000	0.0000	7.4401	0.0073
NWP_GP_OR	1577.617	0.000	1577.617	365268.000	363690.383	11.4825	0.0000	0.0000	11.4825	0.0073
NWP_ROSGP_OR	2601.549	0.000	2601.549	10108.920	7507.371	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	151.003	0.000	151.003	365634.000	365482.997	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	837.114	0.000	837.114	3154.920	2317.806	6.1250	0.0000	0.0000	6.1250	0.0073
NWPTOT_LG_OR	1044.570	0.000	1044.570	3330.600	2286.030	7.6219	0.0000	0.0000	7.6219	0.0073
PGTNWP_SF_OR	305.464	0.000	305.464	365634.000	365328.536	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_IT_OR	9.906	0.279	9.627	18534.972	18525.066	2.7915	0.0000	0.0000	2.7915	0.2818
PGT_T1_OR	108.070	3.043	105.027	2613.240	2505.170	1.1780	475.9096	0.0000	477.0875	4.4146
PGT_T1X_OR	5046.524	142.120	4904.404	7671.000	2624.476	53.3165	1924.7010	0.0000	1978.0175	0.3920
PGT_T3_OR	1204.791	33.929	1170.861	1211.460	6.669	12.5709	388.6297	0.0000	401.2006	0.3330
PGT_NWPKF	502.355	0.000	502.355	365634.000	365131.645	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	5382.100	0.000	5382.100	11644.400	6262.300	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1253.260	0.000	1253.260	1668.960	415.700	3.2448	124.4358	0.0000	127.6806	0.1019
PGT_MEDOR	4128.840	0.000	4128.840	11132.000	7003.160	9.0356	6454.5700	0.0000	6454.6056	1.5633
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	2.1810	28.6988	0.0000	30.8798	0.3269

NOV 2003 thru OCT 2004

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Units: MDT	
										Average	Tot Cost
LANGTF2_TFIOR	145.865	2.173	143.692	365634.000	365488.135	2.3529	52.3005	0.0000	54.6534	0.3747	
NWP_US_TFICA	1315.291	19.598	1295.693	1748.382	433.091	55.9311	0.0000	0.0000	55.9311	0.0425	
NWP_BC_TFICA	917.526	13.671	903.855	2414.136	1496.610	38.7153	0.0000	0.0000	38.7153	0.0422	
NWP_TFI_CA	2199.547	0.000	2199.547	4073.336	1873.789	0.0000	1233.2148	0.0000	1233.2148	0.5607	
PAIUTE_SLTCA	2248.206	67.446	2180.760	4947.402	2699.196	5.1709	1761.7869	0.0000	1766.9578	0.7859	
LNG_PAIUTECA	48.658	0.000	48.658	365634.000	365585.342	0.0000	0.0000	0.0000	0.0000	0.0000	
Total	845.885					1267.8510	42316.7174		43584.5685	0.3032	

NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 189909.	Injection Cost 195.405	Transportation Cost 1787.27	FEB 15, 2008
Penalty Cost 0.0000	Withdrawal Cost 10.0306	Other Variable Cost 0.0000	System Served 423.256
Other Variable Cost -289.12	Carrying Cost 500.361		System Unserved 8.434
	Other Variable Cost 0.0000		System Demand 431.691
Total Variable 189620.	Total Variable 705.797	Total Variable 1787.27	Market Served 0.000
	Demand Cost 623.419	Demand Cost 48291.0	Market Unserved 0.000
Demand/Reservation C 397.029	Other Fixed Cost 2333.78	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 2957.20	Total Fixed 48291.0	Total 431.691
Total Fixed 397.029			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3404.6	System Cost 240353.801
Total Supply Cost 190017.	Total Storage Cost 3663.00	Total Trans Cost 46673.6	Unsup. Demand Cost 509.1190
			Grand Total 240862.920

Avg Cost of Served Demand 5.214 \$/DT Avg Cost of Gas Purchased 4.002 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Imbalance Served	Demand Summary After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	6711.455	0.000	6711.455	0.000	6711.455	6711.455	0.000	0.0000	
SLS_CML_OR	4483.485	0.000	4483.485	0.000	4483.485	4483.485	0.000	0.0000	
SLS_FRM_OR	64.679	0.000	64.679	0.000	64.679	64.679	0.000	0.0000	
SLS_INT_OR	592.516	0.000	592.516	0.000	592.516	592.516	0.000	0.0000	
TSP_INT_OR	4536.746	0.000	4536.746	0.000	4536.746	4536.746	0.000	0.0000	
SLS_RES_CA	1535.882	0.000	1535.882	0.000	1535.882	1535.882	0.000	0.0000	
SLS_CML_CA	684.919	0.000	684.919	0.000	684.919	684.919	0.000	0.0000	
TSP_INT_CA	82.711	0.000	82.711	0.000	82.711	82.711	0.000	0.0000	
SLS_RES_WA	19134.138	0.000	19134.138	0.000	19134.138	19128.848	5.290	264.4850	
SLS_CML_WA	11693.880	0.000	11693.880	0.000	11693.880	11693.880	0.000	0.0000	
SLS_FRM_WA	1058.374	0.000	1058.374	0.000	1058.374	1053.481	4.893	244.6340	
SLS_INT_WA	147.711	0.000	147.711	0.000	147.711	147.711	0.000	0.0000	
TSP_FRM_WA	6478.132	0.000	6478.132	0.000	6478.132	6478.132	0.000	0.0000	
TSP_INT_WA	8765.127	0.000	8765.127	0.000	8765.127	8765.127	0.000	0.0000	
Total	65969.756	0.000	65969.756	0.000	65969.756	65959.573	10.182	509.1190	
Enduser				19862.717			10.182	509.1190	
Net Total				46096.856			10.182	509.1190	

NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily Min	Take Under Other Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged ARCO	6228.000	6228.000	0.000			4.0875	25457.2088	0.0000	25457.2088	4.0875
Hedged US	2291.000	2291.000	0.000			4.2372	9707.3258	0.0000	9707.3258	4.2372
Hedged Sumas	2291.000	2291.000	0.000			4.4285	10145.6236	0.0000	10145.6236	4.4285
A2 index	3212.520	3212.520	0.000		0.000	4.0837	12829.6805	397.0294	13226.7099	4.1172
N_SPOT_SUMAS	894.773	365634.000	364739.227			4.4858	4013.7608	0.0000	4013.7608	4.4858
N_SPOT_ROCK	6597.962	365634.000	359036.038			4.0954	27020.9878	0.0000	27020.9878	4.0954
P_SPOT_ARCO	24503.577	365634.000	341130.423			3.8391	94070.8690	0.0000	94070.8690	3.8391
P_SPOT_KINGGA	1459.708	365634.000	364174.292			4.3671	6374.6980	0.0000	6374.6980	4.3671
TSP_INT_W	8676.488	8676.488	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	412.855	412.855	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	527.083	527.083	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2032.359	2032.359	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT(GP)	677.453	677.453	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	765.539	765.539	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	66.008	66.008	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6478.132	6478.132	0.000			0.0000	0.0000	0.0000	0.0000	0.0000
Total	67114.455						189620.154	397.0294	190017.183	

Enduser 19635.916
 LDC Purchase 47478.539

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	2758.507	2725.957	0	32.550	2487	0.000	0	9140.7697	9366.69	225.9284
JP_OR	94	100	95.590	94.462	0	1.128	94	0.000	0	342.8120	351.234	8.4224
LNG_WA	153	100	158.967	153.315	0	5.652	153	0.000	0	663.1688	678.121	14.9529
LNG_OR	131	76	141.448	131.027	0	3.706	138	0.000	7	585.3918	631.613	46.2219
LNG_CA	38	44	50.561	38.072	0	10.618	40	1.142	2	173.9669	187.297	13.3304
Total	2904	97	3205.074	3142.832	0	53.654	2912	1.142	9	10906.109	11214.9	308.8560

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	30731.577	0.000	30731.577	38502.834	7771.257	19.8931	5206.8561	0.0000	5226.7492	0.1701
ANG_PGT	33944.097	306.142	33637.955	40369.617	6425.520	260.4832	2557.3827	0.0000	2817.8659	0.0830
PGT_IT_WA	7.459	0.038	7.421	21744.000	21736.541	2.4496	0.0000	0.0000	2.4496	0.3284
PGT_IT_WA	3807.773	19.382	3788.391	7606.212	3798.439	16.7516	431.9580	0.0000	448.7096	0.1178

NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost	Units: MDT
PGT_T1X_WA	8384.178	42.675	8341.503	9150.000	765.822	35.0635	718.5725	0.0000	753.6360	0.0899	
PGT_T3_WA	14551.098	74.065	14477.033	15522.609	971.511	60.7857	1561.3137	0.0000	1622.0994	0.1115	
PGT_STFLD_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_TNSKA_WA	0.000	0.000	0.000	365634.000	365634.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_STARR_WA	6122.028	0.000	6122.028	365634.000	359511.972	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_TOT_WWP	20492.319	0.000	20492.319	32281.557	11789.238	175.3984	0.0000	0.0000	175.3984	0.0086	
NWP_SF_TFIWA	11.227	0.167	11.059	3660.000	3648.773	0.4468	0.0000	0.0000	0.4468	0.0398	
NWP_ST_TFIWA	6122.028	91.218	6030.810	23560.518	17438.490	243.6035	0.0000	0.0000	243.6035	0.0398	
NWP_US_TFIWA	4760.307	70.929	4689.379	13787.952	9027.645	189.4427	0.0000	0.0000	189.4427	0.0398	
NWP_BC_TFIWA	995.996	14.840	981.156	9427.794	8431.798	39.6406	0.0000	0.0000	39.6406	0.0398	
NWPTF1_WWP	8794.929	0.000	8794.929	32418.084	23623.155	73.3720	16676.3203	0.0000	16749.6923	1.9045	
NWP_WWP	1921.370	0.000	1921.370	365634.000	363712.630	0.0000	0.0000	0.0000	0.0000	0.0000	
JPTF1_WWP	0.000	0.000	0.000	4904.400	4904.400	0.0000	0.0000	0.0000	0.0000	0.0000	
JPTF2_WWP	1060.833	15.806	1045.026	2426.270	1365.437	41.4008	832.1884	0.0000	873.5893	0.8235	
JPSUMAS_WWP	1653.897	24.643	1629.254	11124.204	9494.950	61.2600	0.0000	0.0000	61.2600	0.0370	
JP_STFLD_WA	11.227	0.000	11.227	365634.000	365622.773	0.0000	0.0000	0.0000	0.0000	0.0000	
LANGT2_WWP	153.315	2.284	151.031	8052.000	7898.685	5.9358	52.5830	0.0000	58.5188	0.3817	
NWP_BC_TFIOR	1237.117	18.433	1218.684	5313.222	4076.105	49.2308	0.0000	0.0000	49.2308	0.0398	
NWP_US_TFIOR	2725.881	40.616	2685.265	2837.964	112.083	108.4662	0.0000	0.0000	108.4662	0.0398	
NWP_SF_TFIOR	1092.212	16.274	1075.938	3660.000	2567.788	43.4647	0.0000	0.0000	43.4647	0.0398	
NWPTF1_TOTOR	5108.961	0.000	5108.961	19660.422	14551.461	0.0000	5725.4114	0.0000	5725.4114	1.1207	
NWP_KLF_OR	755.423	11.256	744.167	4919.040	4163.617	35.6696	0.0000	0.0000	35.6696	0.0472	
NWP_ROS_OR	1339.917	0.000	1339.917	4960.398	3620.481	11.0730	0.0000	0.0000	11.0730	0.0083	
NWP_GP_OR	1676.763	0.000	1676.763	365634.000	363957.237	13.8510	0.0000	0.0000	13.8510	0.0083	
NWP_MED_OR	3016.680	0.000	3016.680	10474.920	7458.240	0.0000	0.0000	0.0000	0.0000	0.0000	
NWP_ROSGP_OR	9.363	0.000	9.363	365634.000	365624.637	0.0000	0.0000	0.0000	0.0000	0.0000	
NWPTOT_RS_OR	800.135	0.000	800.135	3154.920	2354.785	6.6340	0.0000	0.0000	6.6340	0.0083	
NWPTOT_LG_OR	1148.163	0.000	1148.163	3330.600	2182.437	9.5094	0.0000	0.0000	9.5094	0.0083	
PGT_T1_OR	141.070	3.973	137.098	18534.972	18393.902	44.9168	0.0000	0.0000	44.9168	0.3184	
PGT_T3_OR	6337.183	178.468	6158.715	7671.000	1333.817	75.8214	2174.6997	0.0000	2250.5211	0.3551	
PGT_TOT_OR	1211.460	34.117	1177.343	1211.460	0.000	14.2356	439.1066	0.0000	453.3422	0.3742	
PGT_NWPKF	755.423	0.000	755.423	365634.000	364878.577	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_KLFMEDOR	6264.448	0.000	6264.448	12372.400	6107.952	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_KLFOR	1271.612	0.000	1271.612	1668.960	397.348	3.5605	140.5988	0.0000	144.1593	0.1134	
PGT_MEDOR	4992.836	0.000	4992.836	11860.000	6867.164	12.3669	7760.8000	0.0000	7773.1669	1.5569	
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	3.0886	32.4262	0.0000	35.5148	0.3760	
LANGT2_TFIOR	131.027	1.952	129.074	365634.000	365502.973	2.3925	59.0933	0.0000	61.4858	0.4693	
NWP_US_TFICA	1402.774	20.901	1381.872	1748.382	345.608	67.5542	0.0000	0.0000	67.5542	0.0482	
NWP_BC_TFICA	952.660	14.195	938.465	2414.136	1461.476	45.2229	0.0000	0.0000	45.2229	0.0475	
NWP_TF1_CA	2320.338	0.000	2320.338	4073.336	1752.998	0.0000	1393.3835	0.0000	1393.3835	0.6005	
PAIUUE_SLTCA	2306.706	69.201	2237.505	4947.402	2640.696	6.2129	1990.6173	0.0000	1996.8302	0.8657	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

New Energy Associates, LLC
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NOV 2007 thru OCT 2008

Cost and Flow Summary

Units: MDT

Segment (cont)		Transportation Summary										Units: MDT		
LANG_PAUTECA	Total	Flow	Fuel	Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel	Revenue	Tot Cost	Average	Tot Cost
	36.930	0.000	0.000	36.930	365634.000	365597.070	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	1091.498							1787.2793	48291.0305			50078.3098		0.2603

AVG/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 235231.	Injection Cost 222.310	Transportation Cost 2700.28	FEB 15, 2013
Penalty Cost 0.0000	Withdrawal Cost 10.1921	Other Variable Cost 0.0000	System Served 439.809
Other Variable Cost 0.0000	Carrying Cost 600.017		System Unserved 54.006
	Other Variable Cost 0.0000		System Demand 493.816
	Total Variable 832.520	Total Variable 2700.28	Market Served 0.000
			Market Unserved 0.000
Demand/Reservation C 0.0000	Demand Cost 726.182	Demand Cost 56254.7	Market Demand 0.000
Other Fixed Cost 0.0000	Other Fixed Cost 2600.07	Other Fixed Cost 0.0000	Total 493.816
Total Fixed 0.0000	Total Fixed 3326.25	Total Fixed 56254.7	
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -3196.0	
Total Supply Cost 235231.	Total Storage Cost 4158.77	Total Trans Cost 55759.0	System Cost 295148.862
			Unsup. Demand Cost 5343.5021
			Grand Total 300492.364

Avg Cost of Served Demand 5.622 \$/DT Avg Cost of Gas Purchased 4.351 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Demand Summary		Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
				Imbalance Served	Demand After Unb.				
SLS_RES_OR	7872.158	0.000	7872.158	0.000	7872.158	7864.542	7.615	380.7664	
SLS_CML_OR	4966.752	0.000	4966.752	0.000	4966.752	4966.165	0.587	30.5701	
SLS_FRM_OR	71.411	0.000	71.411	0.000	71.411	71.358	0.053	2.6398	
SLS_INT_OR	687.629	0.000	687.629	0.000	687.629	687.629	0.000	0.0000	
TSP_INT_OR	5130.677	0.000	5130.677	0.000	5130.677	5130.677	0.000	0.0000	
SLS_RES_CA	1573.497	0.000	1573.497	0.000	1573.497	1573.497	0.000	0.0000	
SLS_CML_CA	706.698	0.000	706.698	0.000	706.698	706.698	0.000	0.0000	
TSP_INT_CA	86.691	0.000	86.691	0.000	86.691	86.691	0.000	0.0000	
SLS_RES_WA	22462.560	0.000	22462.560	0.000	22462.560	22462.560	0.000	0.0000	
SLS_CML_WA	13062.866	0.000	13062.866	0.000	13062.866	12970.731	92.135	4606.7410	
SLS_FRM_WA	1053.556	0.000	1053.556	0.000	1053.556	1047.101	6.456	322.7849	
SLS_INT_WA	153.297	0.000	153.297	0.000	153.297	153.297	0.000	0.0000	
TSP_FRM_WA	6596.406	0.000	6596.406	0.000	6596.406	6596.406	0.000	0.0000	
TSP_INT_WA	9190.987	0.000	9190.987	0.000	9190.987	9190.987	0.000	0.0000	
Total	73615.184	0.000	73615.184	0.000	73615.184	73508.339	106.846	5343.5021	
Enduser				21004.761					
Net Total				52503.577					

NOV 2012 thru OCT 2013

Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take	Max Take	Surplus	Take Under Daily	Take Under Other	Min	Av Comm Cost	Total Var Cost	Total Fix Cost	Total Cost	Average Tot Cost
Hedged AECO	6194.000	6194.000	0.000				4.4251	27408.8695	0.0000	27408.8695	4.4251
Hedged US	2278.000	2278.000	0.000				4.5825	10438.9579	0.0000	10438.9579	4.5825
Hedged Sumas	2278.000	2278.000	0.000				4.8019	10938.6384	0.0000	10938.6384	4.8019
N_SPOT_SUMAS	2985.073	364635.000	361649.927				4.8623	14514.2744	0.0000	14514.2744	4.8623
N_SPOT_ROCK	7554.026	364635.000	357080.974				4.4127	33333.6425	0.0000	33333.6425	4.4127
P_SPOT_AECO	29709.036	364635.000	334925.964				4.1800	124184.016	0.0000	124184.016	4.1800
P_SPOT_KNGGA	3067.580	364635.000	361567.420				4.6984	14412.6733	0.0000	14412.6733	4.6984
TSP_INT_W	9097.992	9097.992	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	431.730	431.730	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	591.629	591.629	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2334.798	2334.798	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_GP	778.266	778.266	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	855.209	855.209	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	69.261	69.261	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6596.406	6596.406	0.000				0.0000	0.0000	0.0000	0.0000	0.0000
Total	74821.005						235231.073	0.0000	0.0000	235231.073	

Enduser 20755.291
 LDC Purchase 54065.715

Storage Summary

Units: MDT

Segment	Starting Balance	% Full	Total Inj.	Total With.	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost	
Storage JP_WA	2487	100	3040.274	3004.399	35903.036	47932.530	12029.494	27.8136	6065.5008	0.0000	6093.3144	0.1697	
JP_OR	94	100	95.590	94.462	35903.036	40243.249	4340.213	321.6503	2979.1592	0.0000	3300.8095	0.0919	
LANG_WA	153	100	159.939	153.315	686.841	21684.000	20997.159	262.7168	0.0000	0.0000	262.7168	0.3825	
LANG_OR	116	67	151.376	116.039	4778.785	7585.430	2806.645	24.7901	503.1821	0.0000	527.9722	0.1105	
LANG_CA	48	55	63.284	47.867	8746.801	9125.000	378.199	42.7093	837.0550	0.0000	879.7643	0.1006	
Total	2898	97	3510.464	3416.082		0	60.883	2932	98	33	11790.288	12167.0	376.7759

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
NOVA_ANG	35903.036	0.000	35903.036	47932.530	12029.494	27.8136	6065.5008	0.0000	6093.3144	0.1697
ANG_PGT	35903.036	323.809	35579.226	40243.249	4340.213	321.6503	2979.1592	0.0000	3300.8095	0.0919
PGT_IT_WA	686.841	3.496	683.345	21684.000	20997.159	262.7168	0.0000	0.0000	262.7168	0.3825
PGT_T1_WA	4778.785	24.324	4754.461	7585.430	2806.645	24.7901	503.1821	0.0000	527.9722	0.1105
PGT_T1X_WA	8746.801	44.521	8702.280	9125.000	378.199	42.7093	837.0550	0.0000	879.7643	0.1006

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow		Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
	Consumed	Consumed								
PCT_T3_WA	14872.478	75.701	14796.778	15467.786	595.308	72.5462	1818.7872	0.0000	1891.3334	0.1272
PCT_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_STARR_WA	6381.165	0.000	6381.165	364635.000	358253.835	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_TOT_WWP	22555.698	0.000	22555.698	32180.934	9625.236	225.8282	0.0000	0.0000	225.8282	0.0100
NWP_SF_TF1WA	11.227	0.167	11.059	3650.000	3638.773	0.5198	0.0000	0.0000	0.5198	0.0463
NWP_ST_TF1WA	6381.165	95.079	6286.085	23496.145	17114.980	295.4479	0.0000	0.0000	295.4479	0.0463
NWP_US_TF1WA	5597.121	83.397	5513.724	13750.280	8153.159	259.1467	0.0000	0.0000	259.1467	0.0463
NWP_BC_TF1WA	2497.945	37.219	2460.725	10040.785	7542.840	115.6548	0.0000	0.0000	115.6548	0.0463
NWPTF1_WWP	11071.381	0.000	11071.381	32968.260	21896.879	106.2892	19426.4208	0.0000	19532.7100	1.7643
NWP_WWP	3058.306	0.000	3058.306	364635.000	361576.694	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	0.000	0.000	0.000	4891.000	4891.000	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF2_WWP	1096.066	16.331	1079.735	2426.270	1330.204	49.6873	969.4251	0.0000	1019.1124	0.9298
JFSUMAS_WWP	1897.106	28.267	1868.839	11093.810	9224.971	70.2683	0.0000	0.0000	70.2683	0.0370
JP_STFLD_WA	11.227	0.000	11.227	364635.000	364623.773	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	6.9259	61.2545	0.0000	68.1803	0.4447
NWP_BC_TF1OR	1806.192	26.912	1779.280	5298.705	3492.513	83.6267	0.0000	0.0000	83.6267	0.0463
NWP_US_TF1OR	2772.221	41.306	2730.915	2830.210	57.989	128.3538	0.0000	0.0000	128.3538	0.0463
NWP_SF_TF1OR	1259.397	18.765	1240.632	3650.000	2390.603	58.3101	0.0000	0.0000	58.3101	0.0463
NWPTF1_TOTOR	5865.137	0.000	5865.137	19606.705	13741.568	0.0000	6669.5920	0.0000	6669.5920	1.1372
NWP_KLF_OR	1054.161	15.707	1038.454	5635.600	4581.439	58.0986	0.0000	0.0000	58.0986	0.0551
NWP_ROS_OR	1411.995	0.000	1411.995	4946.845	3534.850	13.5020	0.0000	0.0000	13.5020	0.0096
NWP_GP_OR	1948.577	0.000	1948.577	364635.000	362886.423	18.6687	0.0000	0.0000	18.6687	0.0096
NWP_ROSGP_OR	3360.572	0.000	3360.572	10446.300	7085.728	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	40.048	0.000	40.048	364635.000	364594.952	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	1086.560	0.000	1086.560	3146.300	2059.740	10.4598	0.0000	0.0000	10.4598	0.0096
NWPTOT_LG_OR	1264.093	0.000	1264.093	3321.500	2057.407	12.1375	0.0000	0.0000	12.1375	0.0096
PCTNWP_SF_OR	1259.397	0.000	1259.397	364635.000	363375.603	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_IT_OR	372.251	10.483	361.768	18484.330	18112.079	138.0660	0.0000	0.0000	138.0660	0.3709
PCT_T1_OR	1129.466	31.808	1097.658	2606.100	1476.634	16.2496	626.3979	0.0000	642.6475	0.5690
PCT_T1X_OR	6855.344	193.060	6662.283	7642.500	787.156	95.6377	2533.3440	0.0000	2628.9817	0.3835
PCT_T3_OR	1204.840	33.931	1170.909	1204.840	0.000	16.5474	511.5228	0.0000	528.0701	0.4383
PCT_NWPKF	1054.161	0.000	1054.161	364635.000	363580.839	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_KLFMEDOR	6979.060	0.000	6979.060	12321.000	5341.940	0.0000	0.0000	0.0000	0.0000	0.0000
PCT_KLFOR	1299.627	0.000	1299.627	1664.400	364.773	4.4051	163.7850	0.0000	168.1901	0.1294
PCT_MEDOR	5679.433	0.000	5679.433	11810.000	6130.567	15.9024	9040.6620	0.0000	9056.5644	1.5946
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	2.9249	37.7736	0.0000	40.6985	0.4308
LANGTF2_TF1OR	116.039	1.729	114.310	364635.000	364518.961	3.1595	68.8384	0.0000	71.9978	0.6205
NWP_US_TF1CA	1462.684	21.794	1440.890	1743.605	280.921	82.1411	0.0000	0.0000	82.1411	0.0562
NWP_BC_TF1CA	958.936	14.288	944.648	2407.540	1448.604	52.7730	0.0000	0.0000	52.7730	0.0550
NWP_TF1_CA	2385.538	0.000	2385.538	4061.963	1676.425	0.0000	1623.1672	0.0000	1623.1672	0.6804
PAIUTE_SLTCA	2368.685	71.061	2297.625	4929.494	2560.809	7.3273	2318.9000	0.0000	2326.2273	0.9821
LANG_PAUTECA	46.431	0.000	46.431	364635.000	364588.569	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on interruptible usage, expected demand

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Units: MDT Average Tot Cost
Total		1216.849				2700.2854	56254.7674		58955.0529	0.2720

Transportation Summary

NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 294171.	Injection Cost 258.863	Transportation Cost 4322.79	FEB 15, 2018
Penalty Cost 0.0000	Withdrawal Cost 13.7241	Other Variable Cost 0.0000	System Served 457.654
Other Variable Cost 0.0000	Carrying Cost 648.475		System Unserved 94.623
	Other Variable Cost 0.0000		System Demand 552.277
Total Variable 294171.	Total Variable 921.062	Total Variable 4322.79	Market Served 0.000
	Demand Cost 845.905	Demand Cost 65532.3	Market Unserved 0.000
Demand/Reservation C 0.0000	Other Fixed Cost 2910.14	Other Fixed Cost 0.0000	Market Demand 0.000
Other Fixed Cost 0.0000	Total Fixed 3756.05	Total Fixed 65532.3	Total 552.277
Total Fixed 0.0000			
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -2278.3	System Cost 366425.196
Total Supply Cost 294171.	Total Storage Cost 4677.11	Total Trans Cost 67576.8	Unsup. Demand Cost 12108.8352
			Grand Total 378534.031

Avg Cost of Served Demand 6.237 \$/DT
 (System Cost/Served Dem.)

Avg Cost of Gas Purchased 4.867 \$/DT
 (Supply Cost/LDC Purchase)

Class	Demand		DSM Impact	Net Demand	Imbalance Served	Demand Summary		Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
	Before DSM	After DSM				Demand	After Unb.				
SLS_RES_OR	9117.739	0.000	0.000	9117.739	0.000	9088.357	9117.739	9088.357	29.382	1517.1809	
SLS_CML_OR	5500.425	0.000	0.000	5500.425	0.000	5460.389	5500.425	5460.389	40.036	2001.8111	
SLS_FRM_OR	78.844	0.000	0.000	78.844	0.000	78.805	78.844	78.805	0.039	1.9365	
SLS_INT_OR	803.101	0.000	0.000	803.101	0.000	803.101	803.101	803.101	0.000	0.0000	
TSP_INT_OR	5820.278	0.000	0.000	5820.278	0.000	5820.278	5820.278	5820.278	0.000	0.0000	
SLS_RES_CA	1617.006	0.000	0.000	1617.006	0.000	1617.006	1617.006	1617.006	0.000	0.0000	
SLS_CML_CA	730.851	0.000	0.000	730.851	0.000	730.585	730.851	730.585	0.267	13.3276	
TSP_INT_CA	90.874	0.000	0.000	90.874	0.000	90.874	90.874	90.874	0.000	0.0000	
SLS_RES_WA	25511.210	0.000	0.000	25511.210	0.000	25511.210	25511.210	25511.210	0.000	0.0000	
SLS_CML_WA	14430.307	0.000	0.000	14430.307	0.000	14268.562	14430.307	14268.562	161.745	8087.2482	
SLS_FRM_WA	1042.747	0.000	0.000	1042.747	0.000	1033.000	1042.747	1033.000	9.747	487.3308	
SLS_INT_WA	159.182	0.000	0.000	159.182	0.000	159.182	159.182	159.182	0.000	0.0000	
TSP_FRM_WA	6717.578	0.000	0.000	6717.578	0.000	6717.578	6717.578	6717.578	0.000	0.0000	
TSP_INT_WA	9644.727	0.000	0.000	9644.727	0.000	9644.727	9644.727	9644.727	0.000	0.0000	
Total	81264.869	0.000	0.000	81264.869	0.000	81023.654	81264.869	81023.654	241.215	12108.8352	
Enduser					22273.457				241.215	12108.8352	
Net Total					58750.197				241.215	12108.8352	

NOV 2017 thru OCT 2018
 Cost and Flow Summary

Units: MDT

Source	Total Take		Max Take	Surplus	Take Under		Take Under Other Min	AV Comm		Total		Total Cost	Average Tot Cost
	Take	Surplus			Daily Min	Other Min		Cost	Var Cost	Fix Cost	Cost		
Hedged AECO	6194.000	0.000	6194.000	0.000	4.9242	30500.2235	0.0000	30500.2235	4.9242	0.0000	30500.2235	4.9242	
Hedged US	2278.000	0.000	2278.000	0.000	5.1056	11630.6328	0.0000	11630.6328	5.1056	0.0000	11630.6328	5.1056	
Hedged Sumas	2278.000	0.000	2278.000	0.000	5.3427	12170.6720	0.0000	12170.6720	5.3427	0.0000	12170.6720	5.3427	
N_SPOT_SUMAS	4959.268	364635.000	359675.732	0.000	5.3528	26545.8969	0.0000	26545.8969	5.3528	0.0000	26545.8969	5.3528	
N_SPOT_ROCK	8493.642	364635.000	356141.358	0.000	4.9014	41631.0774	0.0000	41631.0774	4.9014	0.0000	41631.0774	4.9014	
P_SPOT_AECO	30826.664	364635.000	333808.336	0.000	4.6563	143539.265	0.0000	143539.265	4.6563	0.0000	143539.265	4.6563	
P_SPOT_KNGGA	5413.427	364635.000	359221.573	0.000	5.2007	28153.5138	0.0000	28153.5138	5.2007	0.0000	28153.5138	5.2007	
TSP_INT_W	9547.141	9547.141	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_K	452.938	452.938	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_L	666.165	666.165	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_M	2684.842	2684.842	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT(GP)	894.947	894.947	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_R	962.063	962.063	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_INT_S	72.773	72.773	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
TSP_FIRM_W	6717.578	6717.578	0.000	0.000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
Total	82441.448				294171.281			0.0000	294171.281		0.0000	294171.281	

Enduser	21998.447	Units: MDT
LDC Purchase	60443.001	

Storage Summary

Storage	Starting Balance	% Full	Total Inj.	Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
JP_WA	2487	100	3540.401	3498.624	0	41.777	2487	100	0.000	0	10978.319	11276.1	297.8324
JP_OR	94	99	94.269	94.462	0	1.112	93	98	0.000	-1	410.1056	415.215	5.1094
LNG_WA	153	100	161.087	153.315	0	7.772	153	100	0.000	0	793.2483	813.409	20.1616
LNG_OR	163	95	164.963	162.992	0	4.322	161	93	0.000	-2	897.7420	909.189	11.4476
LNG_CA	59	68	77.272	58.776	0	16.227	61	71	1.763	2	325.4749	346.974	21.4993
Total	2956	99	4037.992	3968.169	0	71.210	2954	99	1.763	-1	13404.890	13760.9	356.0503

Transportation Summary

Segment	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
NOVA_ANG	37020.664	0.000	37020.664	47932.530	10911.866	32.5145	7065.8171	0.0000	7098.3316	0.1917
ANG_PGT	37020.664	333.889	36686.774	40243.249	3222.585	385.7974	3470.5030	0.0000	3856.3004	0.1042
PGT_IT_WA	1973.518	10.045	1963.472	21684.000	19710.482	879.3995	0.0000	0.0000	879.3995	0.4456
PGT_T1_WA	5554.728	28.274	5526.454	7585.430	2030.702	33.2139	586.1522	0.0000	619.3660	0.1115
PGT_T1X_WA	8795.190	44.768	8750.422	9125.000	329.810	49.9826	975.1025	0.0000	1025.0851	0.1166

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
 restriction on Interruptible usage, expected demand

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow		Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel		Average Tot Cost
	Flow	Cost							Revenue	Tot Cost	
PGT_T3_WA	15052.648	76.618	14976.030	15467.786	415.138	85.4712	2118.7230	0.0000	2204.1942	0.1464	
PGT_SF1D_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_TARR_WA	7399.726	0.000	7399.726	364635.000	357235.274	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_TOT_WWP	23816.653	0.000	23816.653	32180.934	8364.281	279.5465	0.0000	0.0000	279.5465	0.0117	
NWP_SF_TF1WA	11.227	0.167	11.059	3650.000	3638.773	0.6074	0.0000	0.0000	0.6074	0.0541	
NWP_ST_TF1WA	7399.726	110.256	7289.471	23496.145	16096.419	400.2043	0.0000	0.0000	400.2043	0.0541	
NWP_US_TF1WA	6451.343	96.125	6355.218	13750.280	7298.937	348.9570	0.0000	0.0000	348.9570	0.0541	
NWP_BC_TF1WA	3768.311	56.148	3712.163	12981.225	9212.914	203.8652	0.0000	0.0000	203.8652	0.0541	
NWPTF1_WWP	13666.422	0.000	13666.422	35908.700	22242.278	152.9707	22630.3204	0.0000	22783.2911	1.6671	
NWP_WWP	4812.268	0.000	4812.268	364635.000	359822.732	0.0000	0.0000	0.0000	0.0000	0.0000	
JPTF1_WWP	33.680	0.502	33.178	4891.000	4857.320	2.1735	0.0000	0.0000	2.1735	0.0645	
JPTF2_WWP	1567.323	23.353	1543.970	2426.270	858.947	82.5420	1129.3074	0.0000	1211.8494	0.7732	
JFSUMAS_WWP	1886.395	28.107	1858.288	11093.810	9235.522	69.8716	0.0000	0.0000	69.8716	0.0370	
JP_STFLD_WA	11.227	0.000	11.227	364635.000	364623.773	0.0000	0.0000	0.0000	0.0000	0.0000	
LNGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	8.1033	71.3569	0.0000	79.4601	0.5183	
NWP_BC_TF1OR	2468.388	36.779	2431.609	5298.705	2830.317	133.5107	0.0000	0.0000	133.5107	0.0541	
NWP_US_TF1OR	2824.557	42.086	2782.471	2830.210	5.653	152.7605	0.0000	0.0000	152.7605	0.0541	
NWP_SF_TF1OR	1371.319	20.433	1350.886	3650.000	2278.681	74.1633	0.0000	0.0000	74.1633	0.0541	
NWPTF1_TOTOR	6725.530	0.000	6725.530	19606.705	12881.175	0.0000	7769.5734	0.0000	7769.5734	1.1552	
NWP_KLF_OR	1353.340	20.165	1333.175	6730.600	5377.260	86.9352	0.0000	0.0000	86.9352	0.0642	
NWP_ROS_OR	1576.693	0.000	1576.693	4946.845	3370.152	17.6100	0.0000	0.0000	17.6100	0.0112	
NWP_GP_OR	2241.594	0.000	2241.594	364635.000	362393.406	25.1768	0.0000	0.0000	25.1768	0.0112	
NWP_ROSGP_OR	3818.286	0.000	3818.286	10446.300	6628.014	0.0000	0.0000	0.0000	0.0000	0.0000	
NWP_MED_OR	91.070	0.000	91.070	364635.000	364543.930	0.0000	0.0000	0.0000	0.0000	0.0000	
NWPTOT_RS_OR	1344.709	0.000	1344.709	3146.300	1801.591	15.2047	0.0000	0.0000	15.2047	0.0113	
NWPTOT_LG_OR	1396.357	0.000	1396.357	3321.500	1925.143	15.7038	0.0000	0.0000	15.7038	0.0112	
PGTNWP_SF_OR	1371.319	0.000	1371.319	364635.000	363263.681	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_IT_OR	977.616	27.532	950.084	18484.330	17506.714	421.7900	0.0000	0.0000	421.7900	0.4314	
PGT_T1_OR	1453.812	40.942	1412.870	2606.100	1152.288	24.2670	729.7023	0.0000	753.9693	0.5186	
PGT_T1X_OR	7087.850	199.608	6888.242	7642.500	554.650	114.5671	2951.1333	0.0000	3065.7004	0.4325	
PGT_T3_OR	1204.840	33.931	1170.909	1204.840	0.000	19.2986	595.8801	0.0000	615.1787	0.5106	
PGT_NWPKF	1353.340	0.000	1353.340	364635.000	363281.660	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_KLFMEDOR	7697.447	0.000	7697.447	12321.000	4623.553	0.0000	0.0000	0.0000	0.0000	0.0000	
PGT_KLFOR	1317.431	0.000	1317.431	1664.400	346.969	5.2424	190.7955	0.0000	196.0379	0.1488	
PGT_MEDOR	6380.015	0.000	6380.015	11810.000	5429.985	21.6166	10531.5890	0.0000	10553.2056	1.6541	
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	3.9697	44.0034	0.0000	47.9731	0.5079	
LNGTF2_TF1OR	162.992	2.429	160.564	364635.000	364472.008	5.2379	80.1915	0.0000	85.4294	0.5241	
NWP_US_TF1CA	1495.742	22.287	1473.456	1743.605	247.863	97.9306	0.0000	0.0000	97.9306	0.0655	
NWP_BC_TF1CA	1000.570	14.908	985.661	2407.540	1406.970	63.8237	0.0000	0.0000	63.8237	0.0638	
NWP_TF1_CA	2459.117	0.000	2459.117	4061.963	1602.846	0.0000	1890.8677	0.0000	1890.8677	0.7689	
PAIUTE_SLTCA	2438.857	73.166	2365.692	4929.494	2490.637	8.7638	2701.3193	0.0000	2710.0831	1.1112	
LNG_PAUTECA	57.013	0.000	57.013	364635.000	364577.987	0.0000	0.0000	0.0000	0.0000	0.0000	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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NOV 2017 thru OCT 2018

Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Transportation Summary				Units: MDT	
				Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost
Total		1346.208			4322.7927	65532.3380	69855.1307	0.2933	

Avg/Act with peak, spot available
 2003 IRP price and load forecast, generic suppliers
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NOV 2022 thru OCT 2023

Cost and Flow Summary

Units: MDT

Supply Costs	Storage Costs	Transportation Costs	Peak Subperiod
Commodity Cost 366751.	Injection Cost 0.0000	Transportation Cost 6626.02	FEB 15, 2023
Penalty Cost 0.0000	Withdrawal Cost 15.8342	Other Variable Cost 0.0000	System Served 459.228
Other Variable Cost 0.0000	Carrying Cost 687.436		System Unserved 139.116
	Other Variable Cost 0.0000	Total Variable 6626.02	Market Served 0.000
Total Variable 366751.	Total Variable 703.270		Market Unserved 0.000
Demand/Reservation C 0.0000	Demand Cost 985.539	Demand Cost 76339.2	Market Demand 0.000
Other Fixed Cost 0.0000	Other Fixed Cost 3271.38	Other Fixed Cost 0.0000	Market Demand 598.344
Total Fixed 0.0000	Total Fixed 4256.92	Total Fixed 76339.2	Total
Sup Release Revenue 0.0000	Sto Release Revenue 0.0000	Cap Release Revenue -2278.3	System Cost 452398.428
Total Supply Cost 366751.	Total Storage Cost 4960.19	Total Trans Cost 80686.9	Unsup. Demand Cost 29790.6710
			Grand Total 482189.099

Avg Cost of Served Demand 7.090 \$/DT Avg Cost of Gas Purchased 5.669 \$/DT
 (System Cost/Served Dem.) (Supply Cost/LDC Purchase)

Class	Demand Before DSM	DSM Impact	Net Demand	Demand Imbalance Served	Demand Summary Demand After Unb.	Supplied	Unsupplied	Unsupplied Cost (K\$)	Units: MDT
SLS_RES_OR	10315.295	0.000	10315.295	0.000	10315.295	10203.990	111.305	5877.2709	
SLS_CML_OR	5963.884	0.000	5963.884	0.000	5963.884	5887.277	76.607	3838.8191	
SLS_FRM_OR	83.786	0.000	83.786	0.000	83.786	83.726	0.060	3.0061	
SLS_INT_OR	887.000	0.000	887.000	0.000	887.000	887.000	0.000	0.0000	
TSP_INT_OR	6302.915	0.000	6302.915	0.000	6302.915	6268.920	33.995	679.9090	
SLS_RES_CA	1654.091	0.000	1654.091	0.000	1654.091	1654.091	0.000	0.0000	
SLS_CML_CA	751.266	0.000	751.266	0.000	751.266	750.507	0.759	37.9617	
TSP_INT_CA	93.494	0.000	93.494	0.000	93.494	93.494	0.000	0.0000	
SLS_RES_WA	27943.426	0.000	27943.426	0.000	27943.426	27905.288	38.137	1906.8723	
SLS_CML_WA	15585.897	0.000	15585.897	0.000	15585.897	15260.453	325.445	16272.2288	
SLS_FRM_WA	1035.896	0.000	1035.896	0.000	1035.896	1012.404	23.492	1174.6031	
SLS_INT_WA	163.213	0.000	163.213	0.000	163.213	163.213	0.000	0.0000	
TSP_FRM_WA	6795.456	0.000	6795.456	0.000	6795.456	6795.456	0.000	0.0000	
TSP_INT_WA	9942.655	0.000	9942.655	0.000	9942.655	9942.655	0.000	0.0000	
Total	87518.276	0.000	87518.276	0.000	87518.276	86908.474	609.801	29790.6710	
Enduser				23100.525			609.801	29790.6710	
Net Total				63807.949			609.801	29790.6710	

Avg/Act with peak, spot available
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Cost and Flow Summary

Units: MDT

Supply Summary

Units: MDT

Source	Total Take		Max Take	Surplus	Take Under		Take Under Other Min	Av Comm Cost		Total Fix Cost		Total Cost		Average Tot Cost	
	Take	6194.000			6194.000	0.000		Daily Min	Daily Max	Cost	5.7180	0.0000	35417.4907	5.7180	0.0000
Hedged AECO	2278.000	2278.000	2278.000	0.000				5.9232	0.0000	13492.9798	0.0000	13492.9798	5.9232	0.0000	13492.9798
Hedged Sumas	2278.000	2278.000	2278.000	0.000				6.2016	0.0000	14127.2392	0.0000	14127.2392	6.2016	0.0000	14127.2392
N_SPOT_SOMAS	5875.703	364635.000	358759.297	0.000				6.1757	0.0000	36286.4781	0.0000	36286.4781	6.1757	0.0000	36286.4781
N_SPOT_ROCK	8581.425	364635.000	356053.575	0.000				5.6992	0.0000	48906.8676	0.0000	48906.8676	5.6992	0.0000	48906.8676
P_SPOT_AECO	31310.152	364635.000	333324.848	0.000				5.4121	0.0000	169452.703	0.0000	169452.703	5.4121	0.0000	169452.703
P_SPOT_KNGGA	8171.999	364635.000	356463.001	0.000				6.0044	0.0000	49067.5470	0.0000	49067.5470	6.0044	0.0000	49067.5470
TSP_INT_W	9841.234	9841.234	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_K	466.443	466.443	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_L	716.956	716.956	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_M	2929.436	2929.436	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_GP	976.479	976.479	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_R	1038.192	1038.192	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_INT_S	74.924	74.924	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
TSP_FIRM_W	6795.456	6795.456	0.000	0.000				0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	87528.399	87528.399	0.000	0.000				366751.306	0.0000	366751.306	0.0000	366751.306	366751.306	0.0000	366751.306

Enduser 22839.120
 LDC Purchase 64689.279

Storage Summary

Units: MDT

Storage	Starting Balance	% Full	Total Inj.		Total With.	NetInv Adj.	Inj Fuel	Final Balance	% Full	With. Fuel	Diff in Balance	Start Value	Final Value	Diff in Value
			81	99										
JP_WA	2487	100	4479.976	4924.445	0.000	0	52.864	1989	80	0.000	-497	12707.803	10497.2	-2210.557
JP_OR	89	94	95.590	94.462	0.000	0	1.128	89	94	0.000	0	453.1116	466.426	13.3148
LNG_WA	153	100	0.000	153.315	0.000	0	0.000	0	0	0.000	-153	911.2249	0.0000	-911.2249
LNG_OR	172	100	0.000	172.400	0.000	0	0.000	0	0	0.000	-172	1100.9357	0.0000	-1100.935
LNG_CA	70	81	0.000	69.610	0.000	0	0.000	0	0	2.088	-70	445.8822	0.0000	-445.8822
Total	2971	99	4575.566	5414.233	0.000	0	53.992	2079	69	2.088	-893	15618.958	10963.6	-4655.285

Transportation Summary

Units: MDT

Segment	Total Flow	Fuel Consumed		Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Total Cost	Average Tot Cost
		37504.152	0.000								
NOVA_ANG	37504.152	0.000	0.000	37504.152	47932.530	10428.378	37.9989	8231.0012	0.0000	8269.0001	0.2205
ANG_PGT	37504.152	338.250	338.250	37165.902	40243.249	2739.097	457.2672	4042.7963	0.0000	4500.0635	0.1200
PGT_IT_WA	3672.543	18.693	18.693	3653.850	21684.000	18011.457	1906.4173	0.0000	0.0000	1906.4173	0.5191
PGT_T1_WA	5808.335	29.564	29.564	5778.771	7585.430	1777.095	40.5828	682.8383	0.0000	723.4211	0.1245
PGT_T1X_WA	8895.679	45.279	45.279	8850.400	9125.000	229.321	58.5615	1135.9300	0.0000	1194.4915	0.1343

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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Max Flow	Surplus	Var Cost	Fix Cost	Cap Rel Revenue	Tot Cost	Average Tot Cost
PGT_T3_WA	15128.081	77.002	15051.079	15467.786	339.705	99.5164	2468.1493	0.0000	2567.6657	0.1697
PGT_STFLD_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TNSKA_WA	0.000	0.000	0.000	364635.000	364635.000	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_STARR_WA	8661.781	0.000	8661.781	364635.000	355973.219	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TOT_WWP	24672.320	0.000	24672.320	32180.934	7508.614	336.6352	0.0000	0.0000	336.6352	0.0136
NWP_SF_TF1WA	11.227	0.167	11.059	3650.000	3638.773	0.7073	0.0000	0.0000	0.7073	0.0630
NWP_ST_TF1WA	8661.781	129.061	8532.720	23496.145	14834.364	545.5989	0.0000	0.0000	545.5989	0.0630
NWP_US_TF1WA	6598.227	98.314	6499.913	13750.280	7152.053	415.6883	0.0000	0.0000	415.6883	0.0630
NWP_BC_TF1WA	4279.464	63.764	4215.700	12981.225	8701.761	269.6063	0.0000	0.0000	269.6063	0.0630
NWPTF1_WWP	14779.417	0.000	14779.417	35908.700	21129.283	192.7183	26362.2380	0.0000	26554.9563	1.7968
NWP_WWP	6250.509	0.000	6250.509	364635.000	358384.491	0.0000	0.0000	0.0000	0.0000	0.0000
JPTF1_WWP	56.765	0.846	55.919	4891.000	4834.235	4.2208	0.0000	0.0000	4.2208	0.0744
JPTF2_WWP	2097.348	31.250	2066.098	2426.270	328.922	128.4825	1315.5390	0.0000	1444.0216	0.6885
JPSUMAS_WWP	2759.106	41.111	2717.995	11093.810	8375.815	102.1966	0.0000	0.0000	102.1966	0.0370
JP_STFLD_WA	11.227	0.000	11.227	364635.000	364623.773	0.0000	0.0000	0.0000	0.0000	0.0000
LANGTF2_WWP	153.315	2.284	151.031	8030.000	7876.685	9.3748	83.1242	0.0000	92.4990	0.6033
NWP_BC_TF1OR	2855.480	42.547	2812.933	5298.705	2443.225	179.8609	0.0000	0.0000	179.8609	0.0630
NWP_US_TF1OR	2812.604	41.908	2770.696	2830.210	17.606	177.1460	0.0000	0.0000	177.1460	0.0630
NWP_SF_TF1OR	1564.029	23.304	1540.725	3650.000	2085.971	98.5045	0.0000	0.0000	98.5045	0.0630
NWPTF1_TOTOR	7294.185	0.000	7294.185	19606.705	12312.520	0.0000	9050.8371	0.0000	9050.8371	1.2408
NWP_KLF_OR	1626.047	24.228	1601.819	7095.600	5469.553	121.7714	0.0000	0.0000	121.7714	0.0749
NWP_ROS_OR	1840.319	0.000	1840.319	4946.845	3106.526	23.9764	0.0000	0.0000	23.9764	0.0130
NWP_GP_OR	2493.357	0.000	2493.357	364635.000	362141.643	32.7034	0.0000	0.0000	32.7034	0.0131
NWP_ROSGP_OR	4333.675	0.000	4333.675	10446.300	6112.625	0.0000	0.0000	0.0000	0.0000	0.0000
NWP_MED_OR	172.161	0.000	172.161	364635.000	364462.839	0.0000	0.0000	0.0000	0.0000	0.0000
NWPTOT_RS_OR	1450.456	0.000	1450.456	3146.300	1695.844	19.1742	0.0000	0.0000	19.1742	0.0132
NWPTOT_LG_OR	1507.518	0.000	1507.518	3321.500	1813.982	19.7923	0.0000	0.0000	19.7923	0.0131
PGTNWP_SF_OR	1564.029	0.000	1564.029	364635.000	363070.971	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_TT_OR	1830.171	51.541	1778.630	18484.330	16654.159	918.4142	0.0000	0.0000	918.4142	0.5018
PGT_T1_OR	1562.678	44.008	1518.670	2606.100	1043.422	30.4437	850.0313	0.0000	880.4750	0.5634
PGT_T1X_OR	7235.574	203.768	7031.805	7642.500	406.926	137.6865	3437.7986	0.0000	3575.4850	0.4942
PGT_T3_OR	1204.840	33.931	1170.909	1204.840	0.000	22.4312	694.1487	0.0000	716.5799	0.5948
PGT_NWPKF	1626.047	0.000	1626.047	364635.000	363008.953	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFMEDOR	8309.938	0.000	8309.938	12321.000	4011.062	0.0000	0.0000	0.0000	0.0000	0.0000
PGT_KLFOR	1341.962	0.000	1341.962	1664.400	322.438	6.1593	222.2601	0.0000	228.4194	0.1702
PGT_MEDOR	6967.976	0.000	6967.976	11810.000	4842.024	27.0899	12268.3770	0.0000	12295.4669	1.7646
JPTF2_TOTOR	94.462	1.407	93.055	94.462	0.000	3.3174	51.2599	0.0000	54.5773	0.5778
LANGTF2_TF1OR	172.400	2.569	169.831	364635.000	364462.600	5.5694	93.4157	0.0000	98.9852	0.5742
NWP_US_TF1CA	1448.594	21.584	1427.010	1743.605	295.011	110.4140	0.0000	0.0000	110.4140	0.0762
NWP_BC_TF1CA	1018.759	15.180	1003.579	2407.540	1388.781	75.2850	0.0000	0.0000	75.2850	0.0739
NWP_TF1_CA	2430.589	0.000	2430.589	4061.963	1631.374	0.0000	2202.6867	0.0000	2202.6867	0.9062
PAIUTE_SLTCA	2498.111	74.943	2423.168	4929.494	2431.383	10.7089	3146.8041	0.0000	3157.5130	1.2640
LANG_PAUTECA	67.522	0.000	67.522	364635.000	364567.478	0.0000	0.0000	0.0000	0.0000	0.0000

Avg/Act with peak, spot available
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Cost and Flow Summary

Units: MDT

Segment (cont)	Total Flow	Fuel Consumed	Delivered	Transportation Summary				Cap Rel Revenue	Tot Cost	Units: MDT Average Tot Cost
				Max Flow	Surplus	Var Cost	Fix Cost			
Total		1456.503				6626.0214	76339.2356	82965.2570	0.3256	