

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2016	2016-02	2016-03	2016-04	2016-05	2016-06	2016-07	2016-08	2016-09	2016-10	2016-11	2016-12	2017	2017-02	2017-03	2017-04	2017-05	2017-06	2017-07	2017-08	2017-09	2017-10	2017-11	2017-12	2018
Basin Creek	MEAN	5.	3.78	2.415	0.882	0.164	0.	0.945	3.258	2.207	1.532	2.18	3.864	2.902	1.513	1.083	0.587	0.047	0.407	2.982	1.39	0.515	1.585	3.254	3.504	
	PS	1.544	0.907	0.502	0.168	0.	0.	0.	1.558	0.417	0.532	1.036	2.199	1.39	0.595	0.253	0.056	0.	0.199	0.718	0.156	0.783	1.923	2.051		
	P95	7.482	6.546	4.287	1.778	0.649	0.	3.016	5.299	4.267	3.226	3.777	6.073	4.364	2.512	1.96	1.368	0.235		1.344	4.148	2.239	1.14	2.311	4.922	4.942
CELP	MEAN	12.112	10.428	7.778	10.112	11.411	4.346	7.396	6.798	9.807	11.893	11.225	11.132	11.41	10.624	7.689	10.81	10.84	4.273	7.411	7.168	9.987	11.822	11.28	12.377	11.707
	PS	11.727	9.898	6.974	9.546	11.053	3.844	6.309	6.181	9.514	11.531	10.715	10.759	10.984	10.193	6.666	10.13	10.392	3.844	6.309	6.398	9.514	11.49	10.715	11.936	11.233
	P95	12.512	11.058	8.667	10.728	11.879	5.04	8.387	7.425	10.299	12.324	11.801	11.545	11.883	11.095	8.515	11.425	11.387	4.897	7.947	8.544	10.644	12.262	11.796	12.813	12.142
Colstrip 3	MEAN	31.349	27.095	23.344	19.435	15.815	9.379	28.041	28.36	30.435	32.107	30.025	31.292	31.96	27.751	27.84	25.219	1.137	2.723	28.803	30.429	31.755	33.5	32.216	34.933	33.442
	PS	26.335	22.887	18.33	13.449	11.168	7.357	19.629	22.93	22.817	25.508	22.974	25.381	26.327	20.339	21.584	19.085	0.489	1.266	22.494	23.225	25.407	27.392	24.759	28.687	27.159
	P95	34.626	30.045	27.303	23.745	20.767	11.053	34.904	32.107	34.03	35.389	33.72	33.753	35.119	30.772	31.299	29.869	1.937	4.419	34.905	33.242	34.535	35.234	34.858	37.356	36.186
Colstrip 4	MEAN	31.252	26.851	22.923	19.396	2.842	1.074	28.012	28.2	31.145	31.884	30.497	30.947	31.562	28.023	27.828	25.192	18.766	11.987	29.005	30.253	32.463	31.808	32.211	34.996	33.018
	PS	26.608	22.608	16.804	14.046	1.883	0.974	18.942	22.515	24.545	25.27	23.762	24.447	25.596	21.038	22.739	20.224	14.465	8.731	22.577	23.594	27.508	24.696	25.516	29.229	27.009
	P95	34.654	30.23	27.303	24.245	4.31	1.423	34.729	32.	34.03	35.282	33.836	33.868	35.072	30.833	31.299	28.985	24.461	18.102	35.095	33.196	34.544	35.234	34.782	37.285	35.952
CX CCCT1	MEAN																									
	PS																									
	P95																									
CX FrameCT1	MEAN																									
	PS																									
	P95																									
CX Recip1	MEAN																									
	PS																									
	P95																									
CX Recip10	MEAN																									
	PS																									
	P95																									
CX Recip2	MEAN																									
	PS																									
	P95																									
CX Recip3	MEAN																									
	PS																									
	P95																									
CX Recip4	MEAN																									
	PS																									
	P95																									
CX Recip5	MEAN																									
	PS																									
	P95																									
CX Recip6	MEAN																									
	PS																									
	P95																									
CX Recip7	MEAN																									
	PS																									
	P95																									
CX Recip8	MEAN																									
	PS																									
	P95																									
CX Recip9	MEAN																									
	PS																									
	P95																									
David Gates Generating Station	MEAN	19.63	15.986	13.994	10.627	10.559	9.12	11.983	15.355	13.413	12.219	13.269	16.04	14.831	11.088	11.11	10.515	9.892	9.12	10.994	14.644	11.679	10.459	11.999	15.681	15.802
	PS	12.483	9.968	9.998	9.37	10.32	9.12	10.32	12.398	10.263	10.54	11.3	13.26	12.34	9.59	9.56	9.6	9.84	9.12	10.32	12.76	10.5	9.84	10.4	12.958	13.128
	P95	25.095	21.78	18.31	12.57	11.52	9.12	15.52	19.548	17.225	14.965	15.85	20.035	17.465	12.84	13.073	11.875	10.165	9.12	12.82	16.685	13.175	11.365	13.65	18.958	18.815
YELP	MEAN	14.63	14.149	15.822	16.161	15.672	0.328	10.747	10.981	14.584	13.715	16.719	16.687	13.571	14.336	15.729	17.175	14.868	0.154	10.773	11.486	13.663	13.345	16.795	18.56	14.391
	PS	13.724	13.131	14.855	15.339	14.876	0.	9.029	10.111	14.114	12.344	15.904	16.103	12.358	13.281	14.837	16.394	14.007	0.	9.029	10.323	14.145	11.686	15.872	17.873	12.933
	P95	15.518	15.097	17.077	16.696	16.491	1.674	12.268	11.839	15.405	15.051	17.667	17.305	14.602	15.308	16.624	17.993	15.837	1.087	12.569	12.698	15.902	14.749	17.624	19.256	15.339
Black Eagle	MEAN	4.531	4.147	5.216	5.688	6.656	5.82	5.622	4.951	4.435	4.469	4.961	4.206	4.325	4.176	5.225	5.999	6.359	5.833	5.577	4.94	4.448	4.47	4.983	4.641	4.322
	PS	3.443	3.289	4.027	4.559	5.548	4.564	4.202	3.832	3.483	3.401	3.912	3.14	3.463	3.313	4.093	4.76	5.052	4.511	4.076	4.066	3.421	3.659	3.8	3.718	3.408
	P95	5.336	5.271	6.329	6.822	7.909	6.917	6.761	6.053	5.438	5.4	6.087	5.186	5.192	5.013	6.278	7.214	7.669	7.3	6.815	5.815	5.307	5.564	6.145	5.599	5.12
Cochrane	MEAN	9.726	8.449	9.666	10.991	14.341	13.701	11.945	9.083	8.319	6.919	7.66	8.87	9.335	8.477	9.65	11.519	13.674	13.677	11.781	9.055	8.303	6.898	7.727	9.716	9.275
	PS	4.363	4.137	4.236	5.339	7.588	7.019	4.603	4.125	4.165	2.949	3.813	3.804													

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2016	2016-02	2016-03	2016-04	2016-05	2016-06	2016-07	2016-08	2016-09	2016-10	2016-11	2016-12	2017	2017-02	2017-03	2017-04	2017-05	2017-06	2017-07	2017-08	2017-09	2017-10	2017-11	2017-12	2018
Falls	MEAN	13.691	12.194	12.626	17.713	22.906	19.538	19.988	10.739	9.749	10.884	12.796	13.199	13.801	12.816	13.145	18.476	20.932	19.201	19.492	11.502	9.509	11.698	12.696	15.383	13.76
	P5	22.256	20.132	20.845	27.123	34.499	29.845	31.149	17.657	15.757	18.06	20.051	21.749	21.571	19.013	20.825	29.649	34.49	31.143	31.757	16.706	14.893	18.768	20.137	23.862	20.924
	P95																									
Hydro - Total	MEAN	91.758	78.502	87.872	99.615	123.878	113.091	114.037	85.864	80.169	80.625	83.178	84.602	87.816	79.015	87.838	104.653	118.146	113.197	113.27	85.776	80.199	80.536	83.623	93.127	87.522
	P5	65.03	60.16	62.495	75.874	96.479	86.46	84.311	63.376	61.785	59.875	64.701	61.893	65.856	61.517	67.278	78.041	87.117	84.072	83.227	67.853	60.385	63.524	63.846	71.546	65.841
	P95	119.178	108.388	113.476	128.469	157.293	146.619	146.473	114.07	107.69	106.662	108.868	108.917	119.639	100.474	114.644	136.189	156.217	155.402	145.66	110.203	101.709	110.412	107.578	119.738	111.371
Load	MEAN	-231.32	-201.337	-196.875	-185.647	-203.33	-187.629	-233.263	-195.226	-197.868	-215.909	-227.022	-215.526	-207.283	-196.422	-197.053	-191.636	-186.903	-232.166	-195.292	-190.77	-201.904	-220.469	-263.517	-229.562	-215.001
	P5	(144.7)	-209.42	-202.582	-189.564	-206.671	-190.053	-242.335	-199.57	-194.613	-202.195	-221.965	-235.715	-220.571	-214.215	-203.004	-201.835	-195.691	-180.505	-240.491	-200.272	-194.968	-240.491	-263.517	-229.562	-215.001
	P95	-214.308	-194.25	-190.908	-181.182	-199.635	-184.809	-226.281	-190.254	-188.664	-193.267	-208.889	-220.115	-201.283	-200.263	-191.063	-192.611	-187.707	-184.207	-225.492	-190.847	-186.606	-192.173	-211	-246.683	-203.347
Small QF1	MEAN	0.579	0.349	0.7	0.653	0.689	1.255	4.318	0.95	1.725	0.988	0.758	0.647	0.552	0.352	0.7	0.688	0.657	1.255	4.318	0.95	1.725	0.988	0.758	0.713	0.552
	P5	0.579	0.349	0.7	0.653	0.689	1.255	4.318	0.95	1.725	0.988	0.758	0.647	0.552	0.352	0.7	0.688	0.657	1.255	4.318	0.95	1.725	0.988	0.758	0.713	0.552
	P95	0.579	0.349	0.7	0.653	0.689	1.255	4.318	0.95	1.725	0.988	0.758	0.647	0.552	0.352	0.7	0.688	0.657	1.255	4.318	0.95	1.725	0.988	0.758	0.713	0.552
Small Tier II	MEAN	1.872	1.345	2.16	2.357	2.303	2.872	3.109	2.334	2.707	3.05	2.508	1.968	1.785	1.356	2.16	2.481	2.196	2.872	3.109	2.334	2.707	3.05	2.508	2.169	1.785
	P5	1.872	1.345	2.16	2.357	2.303	2.872	3.109	2.334	2.707	3.05	2.508	1.968	1.785	1.356	2.16	2.481	2.196	2.872	3.109	2.334	2.707	3.05	2.508	2.169	1.785
	P95	1.872	1.345	2.16	2.357	2.303	2.872	3.109	2.334	2.707	3.05	2.508	1.968	1.785	1.356	2.16	2.481	2.196	2.872	3.109	2.334	2.707	3.05	2.508	2.169	1.785
Tiber	MEAN	1.877	1.564	1.742	1.737				0.005	1.654	1.603	1.79	1.576	1.742	1.828				0.005	1.654	1.603	1.79	1.576	1.742	1.828	
	P5	1.877	1.564	1.742	1.737				0.005	1.654	1.603	1.79	1.576	1.742	1.828				0.005	1.654	1.603	1.79	1.576	1.742	1.828	
	P95	1.877	1.564	1.742	1.737				0.005	1.654	1.603	1.79	1.576	1.742	1.828				0.005	1.654	1.603	1.79	1.576	1.742	1.828	
Turnbull	MEAN				0.005	1.697	3.401	4.411	2.985	1.106	0.014								0.005	1.618	3.401	4.411	2.985	1.106	0.014	
	P5				0.005	1.697	3.401	4.411	2.985	1.106	0.014								0.005	1.618	3.401	4.411	2.985	1.106	0.014	
	P95				0.005	1.697	3.401	4.411	2.985	1.106	0.014								0.005	1.618	3.401	4.411	2.985	1.106	0.014	
Physical Instrument - Total	MEAN	4.327	3.259	4.601	4.752	4.688	7.527	11.838	6.269	5.538	4.056	4.92	4.217	4.127	3.283	4.601	5.002	4.471	7.527	11.838	6.269	5.538	4.056	4.92	4.65	4.127
	P5	4.327	3.259	4.601	4.752	4.688	7.527	11.838	6.269	5.538	4.056	4.92	4.217	4.127	3.283	4.601	5.002	4.471	7.527	11.838	6.269	5.538	4.056	4.92	4.65	4.127
	P95	4.327	3.259	4.601	4.752	4.688	7.527	11.838	6.269	5.538	4.056	4.92	4.217	4.127	3.283	4.601	5.002	4.471	7.527	11.838	6.269	5.538	4.056	4.92	4.65	4.127
Deer Creek Solar	MEAN	0.037	0.047	0.071	0.115	0.17	0.157	0.241	0.145	0.126	0.076	0.039	0.023	0.034	0.046	0.072	0.134	0.144	0.157	0.242	0.143	0.127	0.075	0.04	0.033	0.032
	P5	0.003	0.003	0.016	0.044	0.053	0.048	0.16	0.085	0.012	0.013	0.008	0.004	0.004	0.016	0.042	0.046	0.045	0.042	0.156	0.08	0.02	0.009	0.008	0.014	0.002
	P95	0.106	0.137	0.131	0.191	0.269	0.258	0.298	0.181	0.228	0.149	0.098	0.051	0.091	0.118	0.14	0.223	0.237	0.254	0.304	0.179	0.229	0.149	0.102	0.074	0.092
Distributed Generation	MEAN	0.092	0.087	0.116	0.146	0.248	0.21	0.3	0.188	0.182	0.121	0.116	0.085	0.048	0.102	0.136	0.211	0.249	0.254	0.358	0.219	0.211	0.112	0.142	0.101	0.096
	P5	0.061	0.035	0.071	0.064	0.066	0.022	0.007	0.011	0.024	0.057	0.058	0.033	0.059	0.046	0.085	0.098	0.091	0.02	0.01	0.004	0.034	0.062	0.069	0.061	0.064
	P95	0.128	0.157	0.172	0.354	0.568	0.642	0.624	0.424	0.387	0.213	0.13	0.085	0.135	0.198	0.2	0.423	0.566	0.747	0.736	0.509	0.438	0.237	0.138	0.13	0.14
Fairfield	MEAN	1.919	1.216	1.407	1.423	0.554	0.868	0.808	0.661	0.863	1.554	1.638	1.613	1.954	1.219	1.401	1.484	0.517	0.88	0.818	0.658	0.882	1.547	1.642	1.781	1.95
	P5	1.521	0.922	1.173	1.187	0.391	0.683	0.615	0.493	0.647	1.324	1.617	1.324	1.617	1.11	1.273	0.701	0.672	0.701	0.701	0.472	1.284	1.284	1.422	1.552	
	P95	2.386	1.545	1.677	1.651	0.839	1.087	1.037	0.878	1.085	1.907	1.98	2.031	2.385	1.593	1.677	1.691	0.79	1.096	1.02	0.858	1.139	1.84	1.946	2.112	2.354
Gordon Butte	MEAN	2.538	1.635	1.722	1.464	1.083	1.128	0.84	0.64	0.983	1.608	2.056	2.037	2.6	1.639	1.71	1.523	1.138	0.852	1.013	1.603	2.046	2.257	2.608		
	P5	2.156	1.255	1.366	1.107	0.792	0.824	0.542	0.398	0.647	1.214	1.756	1.635	2.168	1.277	1.368	1.194	0.69	0.824	0.576	0.394	0.736	1.248	1.698	1.91	2.266
	P95	2.868	2.073	2.079	1.795	1.456	1.498	1.224	0.983	1.365	2.073	2.397	2.434	2.95	2.042	2.062	1.843	1.406	1.437	1.177	0.911	1.5	1.717	2.465	2.6	2.945
Green Meadow Solar	MEAN	0.041	0.047	0.075	0.103	0.17	0.131	0.214	0.103	0.115	0.063	0.038	0.021	0.033	0.043	0.073	0.119	0.126	0.124	0.215	0.104	0.115	0.063	0.039	0.031	0.032
	P5	0.009	0.01	0.021	0.02	0.034	0.002	0.007	0.002	0.004	0.004	0.008	0.001	0.004	0.007	0.011	0.02	0.021	0.01	0.088	0.003	0.001	0.005	0.015	0.015	0.013
	P95	0.091	0.094	0.128	0.197	0.268	0.258	0.292	0.164	0.219	0.132	0.076	0.039	0.066	0.093	0.133	0.228	0.203	0.229	0.298	0.164	0.223	0.135	0.075	0.056	0.065
Greenfield	MEAN	4.442	2.714	3.574	3.124	2.378	2.77	2.431	2.231	2.704	3.766	4.506	2.772	3.603	3.281	3.079	2.571	2.459	2.627	2.692	3.494	4.075	3.776	4.515		
	P5	3.467	1.848	2.792	2.396	2.545	2.148	1.824	1.607	2.101	2.658	3.805	3.053	3.522	1.86	2.775	2.546	2.357	2.173	1.816	1.62	1.852	2.653	3.985	3.132	3.375
	P95	5.408	3.534	4.424	3.914	4.098	3.341	3.025	2.788	3.467	4.279	5.526	4.739	5.252	3.606	4.319	3.987	3.415	3.162							

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2018-02	2018-03	2018-04	2018-05	2018-06	2018-07	2018-08	2018-09	2018-10	2018-11	2018-12	2019	2019-02	2019-03	2019-04	2019-05	2019-06	2019-07	2019-08	2019-09	2019-10	2019-11	2019-12	2020	2020-02
Basin Creek	MEAN	1.959	1.308	0.498	0.054	0.138	1.384	0.447	0.885	2.289	3.842	3.625	1.947	1.681	0.398	0.041	0.231	1.978	0.774	1.059	2.681	4.399	4.953	3.2		
	P5	1.092	0.517	0.045	0.0	0.0	0.469	0.056	0.342	1.163	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	P95	2.964	2.205	1.253	0.316	0.589	2.281	1.006	1.633	3.541	5.39	4.824	3.012	2.818	1.116	0.182	0.737	2.914	1.789	2.148	4.248	6.089	7.254	5.315		
CELP	MEAN	10.757	8.085	10.919	10.881	4.386	7.112	6.602	10.356	11.268	11.338	12.515	11.752	10.834	8.846	6.602	10.272	10.808	4.97	6.938	10.459	11.316	11.434	12.54	11.954	10.892
	P5	10.372	7.162	10.289	10.433	3.844	6.309	5.805	10.134	10.871	10.695	11.998	11.243	10.393	7.731	5.593	10.454	4.381	5.648	6.062	10.134	10.912	10.777	12.08	11.542	10.315
	P95	11.198	8.78	11.564	11.528	4.938	8.073	7.378	10.811	11.783	11.939	13.082	12.203	11.274	9.748	10.991	11.261	6.564	7.759	7.838	11.084	11.796	12.048	13.175	12.314	11.406
Colstrip 3	MEAN	29.116	29.873	27.252	21.791	15.776	28.249	29.628	33.228	32.035	32.553	35.659	33.753	29.438	31.71	25.45	21.162	14.932	26.081	30.162	32.848	31.544	32.589	35.488	34.074	30.426
	P5	23.292	23.597	21.094	14.869	9.439	19.886	24.101	26.017	27.811	26.343	29.718	28.643	24.001	26.747	20.259	15.336	9.35	18.269	26.378	25.528	23.735	25.29	29.181	28.075	22.514
	P95	31.575	33.058	31.505	26.597	23.872	34.718	32.887	36.061	34.009	34.929	37.758	36.002	31.721	34.847	29.771	26.31	22.813	33.167	32.683	36.022	33.992	35.049	37.784	36.318	32.748
Colstrip 4	MEAN	28.986	29.416	27.576	21.906	15.996	28.36	29.496	33.36	31.693	32.718	35.729	33.176	29.724	31.607	25.545	5.732	4.319	26.069	29.779	33.558	30.846	32.354	35.727	33.94	30.766
	P5	22.52	23.318	22.605	16.288	9.508	22.154	22.89	26.564	26.402	26.898	30.819	27.631	24.872	27.28	20.244	5.732	2.392	18.115	23.875	28.16	24.264	24.233	30.306	28.201	24.844
	P95	31.62	32.927	31.664	26.816	24.377	34.679	32.58	35.969	33.886	34.928	37.745	36.056	31.58	34.892	29.83	7.785	7.684	33.167	32.662	35.939	33.991	35.013	37.769	36.284	32.703
CX CCCT1	MEAN																									
	P5																									
	P95																									
CX FrameCT1	MEAN																									
	P5																									
	P95																									
CX Recip1	MEAN												1.541	0.913	0.783	0.156	0.009		0.06	0.66	0.297	0.573	1.229	1.866	2.032	1.392
	P5												1.046	0.417	0.383	0.	0.		0.	0.349	0.06	0.23	0.689	1.216	1.173	0.57
	P95												2.023	1.403	1.275	0.417	0.051		0.23	0.986	0.663	1.071	1.845	2.499	2.958	2.159
CX Recip10	MEAN																									
	P5																									
	P95																									
CX Recip2	MEAN												1.528	0.912	0.782	0.155	0.009		0.061	0.656	0.299	0.575	1.227	1.841	2.024	1.398
	P5												1.02	0.408	0.383	0.	0.		0.	0.349	0.06	0.23	0.689	1.224	1.148	0.57
	P95												2.023	1.403	1.275	0.417	0.051		0.23	0.986	0.655	1.071	1.853	2.406	2.882	2.159
CX Recip3	MEAN												1.534	0.912	0.78	0.154	0.009		0.061	0.655	0.299	0.578	1.233	1.856	2.048	1.397
	P5												1.046	0.417	0.383	0.	0.		0.	0.349	0.051	0.23	0.689	1.199	1.224	0.57
	P95												2.023	1.403	1.258	0.417	0.051		0.23	0.978	0.655	1.08	1.836	2.474	2.924	2.159
CX Recip4	MEAN																									
	P5																									
	P95																									
CX Recip5	MEAN																									
	P5																									
	P95																									
CX Recip6	MEAN																									
	P5																									
	P95																									
CX Recip7	MEAN																									
	P5																									
	P95																									
CX Recip8	MEAN																									
	P5																									
	P95																									
CX Recip9	MEAN																									
	P5																									
	P95																									
David Gates Generating Station	MEAN	11.818	11.453	10.328	9.914	9.12	10.54	11.627	10.628	10.491	13.166	16.592	15.904	11.653	12.448	9.689	9.88	9.6	10.199	12.579	11.061	10.719	13.79	17.596	18.339	14.167
	P5	10.19	9.96	9.6	9.84	9.12	10.32	10.06	10.08	9.61	11.15	13.708	13.278	9.49	10.765	9.12	9.84	9.6	9.84	11.048	10.18	9.66	11.575	14.77	14.465	10.63
	P95	13.865	13.21	11.875	10.378	9.12	11.395	13.31	11.705	11.81	15.863	19.42	18.415	13.628	14.39	10.82	10.04	9.6	11.165	14.323	12.855	12.26	16.85	20.295	22.053	17.48
YELP	MEAN	14.73	16.055	17.305	14.968	0.396	10.288	10.715	15.404	13.029	16.904	18.77	14.607	14.707	17.105	16.291	14.842	0.534	9.703	11.156	15.564	13.43	17.06	18.808	15.224	15.224
	P5	13.829	15.134	16.487	14.069	0.	9.029	9.655	15.046	11.333	15.872	17.988	13.445	13.99	16.199	15.4	14.169	0.	8.035	9.82	15.046	11.418	16.028	18.112	13.988	14.247
	P95	15.68	16.851	18.009	16.07	2.138	11.833	11.808	16.101	14.869	17.81	19.633	15.603	15.867	18.031	17.139	15.773	2.327	11.327	12.584	16.474	15.02	17.978	19.789	16.177	15.942
Black Eagle	MEAN	4.176	5.214	5.984	6.355	5.8	5.57	4.955	4.674	4.256	4.982	4.645	4.327	4.192	5.492	5.664	6.346	6.119	5.361	4.951	4.669	4.26	4.961	4.641	4.325	4.131
	P5	3.255	4.137	4.511	5.023	4.309	4.1	3.995	3.597	3.34	3.801	3.682	3.24	3.189	4.312	4.437	4.877	4.635	4.145	3.871	3.64	3.233	3.922	3.457	3.171	
	P95	5.133	6.502	7.178	7.667	7.116	6.854	5.938	5.521	5.155	6.133	5.61	5.304	5.183	6.647	6.794	7.637	7.37	6.579	6.121	5.666	5.391	6.485	5.929	5.316	4.866
Cochrane	MEAN	8.53	9.616	11.489	13.744	13.579	11.852	9.071	8.778	6.969	9.767	9.341	8.536	10.143	10.868	13.624	14.354	11.304	9.063	8.774	6.596	7.658	9.965	9.315	8.376	
	P5	3.887	4.394	4.652	6.218	6.154	3.821	4.313	4.406	3.127	3.498	4.512	4.573	4.213	4.739	5.135	5.846	6.303	4.207	3.862	3.854	2.714	3.684	4.25	4.231	4.034
	P95	14.587	18.857	19.592	23.754	24.146	21.85	16.216	14.392	11.476	14.288	15.551	16.304	14.221	16.86	18.911	23.767	22.906	16.95	15.083	13.366	15.155	18.097	17.084	14.011	
Hauser	MEAN	4.261	4.615	4.801	4.738	4.596	5.299	4.932	5.089	4.647	4.67	5.037	4.73	4.268	4.859	4.553	4.738	4.839	5.075	4.932	5.087	4.651	4.67	5.036	4.733	4.217
	P5	4.013	4.398	4.493	4.505	4.383	5.049	4.744	4.814	4.43																

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2018-02	2018-03	2018-04	2018-05	2018-06	2018-07	2018-08	2018-09	2018-10	2018-11	2018-12	2019	2019-02	2019-03	2019-04	2019-05	2019-06	2019-07	2019-08	2019-09	2019-10	2019-11	2019-12	2020	2020-02	
Falls	MEAN	12.293	13.177	17.525	20.951	18.827	19.515	11.113	10.112	10.762	12.565	15.21	13.308	12.271	13.606	17.256	20.114	19.994	19.633	10.67	10.134	10.467	12.848	14.915	13.713	12.156	18.507
	P5	19.444	21.759	28.693	33.952	30.263	31.737	17.333	15.535	17.115	20.354	23.268	21.473	19.327	21.69	27.363	33.676	31.296	30.94	17.979	16.093	18.116	21.369	24.875	21.802	18.507	
	P95																										
Hydro - Total	MEAN	79.128	87.627	104.544	118.174	112.612	113.235	85.947	84.361	76.632	83.492	93.329	87.766	79.309	92.316	99.04	117.831	118.8	108.604	85.907	84.308	76.775	83.254	93.305	87.678	78.137	
	P5	58.668	65.889	74.081	88.118	82.428	82.165	65.567	64.564	58.991	62.815	70.365	63.667	60.571	68.113	74.264	86.605	88.607	82.99	62.764	63.458	57.421	63.172	67.566	65.526	58.734	
	P95	103.534	124.661	137.477	154.306	148.847	147.932	113.416	106.423	98.497	112.101	116.38	116.265	103.607	120.129	131.221	156.027	151.308	143.79	113.93	108.624	106.221	115.818	127.697	119.346	98.7	
Load	MEAN	-207.603	-196.913	-196.339	-191.225	-186.704	-231.743	-195.213	-201.732	-185.041	-215.893	-255.844	-216.085	-207.584	-208.635	-185.197	-191.766	-198.616	-216.132	-195.893	-202.106	-185.147	-215.485	-255.163	-215.727	-201.946	
	P5	-213.082	-202.806	-202.801	-195.308	-189.504	-238.314	-199.428	-205.703	-190.328	-221.498	-263.605	-232.425	-214.485	-215.395	-190.012	-196.852	-201.974	-223.206	-203.342	-205.653	-190.609	-220.135	-264.786	-229.455	-210.651	
	P95	-202.062	-189.009	-190.692	-187.339	-183.96	-224.453	-198.142	-198.142	-180.219	-210.816	-248.031	-201.345	-200.82	-201.986	-181.386	-187.422	-195.902	-207.817	-191.947	-198.411	-180.101	-209.778	-246.685	-203.139	-191.978	
Small QF1	MEAN	0.352	0.7	0.688	0.657	1.255	4.318	0.95	1.811	0.94	0.758	0.713	0.552	0.352	0.736	0.653	0.657	1.32	4.085	0.919	1.777	0.909	0.726	0.68	0.52	0.318	
	P5	0.352	0.7	0.688	0.657	1.255	4.318	0.95	1.811	0.94	0.758	0.713	0.552	0.352	0.736	0.653	0.657	1.32	4.085	0.919	1.777	0.909	0.726	0.68	0.52	0.318	
	P95	0.352	0.7	0.688	0.657	1.255	4.318	0.95	1.811	0.94	0.758	0.713	0.552	0.352	0.736	0.653	0.657	1.32	4.085	0.919	1.777	0.909	0.726	0.68	0.52	0.318	
Small Tier II	MEAN	1.356	2.16	2.481	2.196	2.872	3.109	2.334	2.842	2.901	2.508	2.169	1.785	1.356	2.271	2.357	2.196	3.023	2.965	2.334	2.842	2.887	2.494	2.149	1.765	1.326	
	P5	1.356	2.16	2.481	2.196	2.872	3.109	2.334	2.842	2.901	2.508	2.169	1.785	1.356	2.271	2.357	2.196	3.023	2.965	2.334	2.842	2.887	2.494	2.149	1.765	1.326	
	P95	1.356	2.16	2.481	2.196	2.872	3.109	2.334	2.842	2.901	2.508	2.169	1.785	1.356	2.271	2.357	2.196	3.023	2.965	2.334	2.842	2.887	2.494	2.149	1.765	1.326	
Tiber	MEAN	1.576	1.742	1.828	0.005	1.654	1.767	1.79	1.576	1.831	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	
	P5	1.576	1.742	1.828	0.005	1.654	1.767	1.79	1.576	1.831	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	
	P95	1.576	1.742	1.828	0.005	1.654	1.767	1.79	1.576	1.831	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	
Turnbull	MEAN			0.005	1.618	3.401	4.411	2.985	1.161	0.013					0.005	1.618	3.58	4.206	2.985	1.161	0.013						
	P5			0.005	1.618	3.401	4.411	2.985	1.161	0.013					0.005	1.618	3.58	4.206	2.985	1.161	0.013						
	P95			0.005	1.618	3.401	4.411	2.985	1.161	0.013					0.005	1.618	3.58	4.206	2.985	1.161	0.013						
Physical Instrument - Total	MEAN	3.283	4.601	5.002	4.471	7.527	11.838	6.269	5.815	3.859	4.92	4.65	4.127	3.283	4.838	4.752	4.471	7.923	11.255	6.238	5.781	3.815	4.873	4.596	4.075	3.209	
	P5	3.283	4.601	5.002	4.471	7.527	11.838	6.269	5.815	3.859	4.92	4.65	4.127	3.283	4.838	4.752	4.471	7.923	11.255	6.238	5.781	3.815	4.873	4.596	4.075	3.209	
	P95	3.283	4.601	5.002	4.471	7.527	11.838	6.269	5.815	3.859	4.92	4.65	4.127	3.283	4.838	4.752	4.471	7.923	11.255	6.238	5.781	3.815	4.873	4.596	4.075	3.209	
Deer Creek Solar	MEAN	0.047	0.07	0.136	0.144	0.154	0.241	0.141	0.146	0.059	0.04	0.034	0.032	0.047	0.086	0.11	0.143	0.177	0.208	0.14	0.143	0.061	0.038	0.034	0.035	0.045	
	P5	0.002	0.007	0.044	0.041	0.035	0.147	0.076	0.011	0.006	0.007	0.047	0.032	0.047	0.032	0.035	0.035	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	0.038	
	P95	0.121	0.141	0.223	0.235	0.253	0.301	0.179	0.262	0.123	0.108	0.071	0.084	0.114	0.163	0.194	0.236	0.288	0.263	0.178	0.26	0.121	0.102	0.08	0.112	0.116	
Distributed Generation	MEAN	0.11	0.143	0.226	0.264	0.269	0.382	0.237	0.265	0.118	0.108	0.216	0.138	0.108	0.237	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	
	P5	0.047	0.078	0.11	0.093	0.03	0.006	0.048	0.049	0.073	0.072	0.068	0.057	0.124	0.077	0.104	0.034	0.075	0.005	0.058	0.058	0.075	0.071	0.075	0.053		
	P95	0.198	0.21	0.439	0.598	0.799	0.786	0.535	0.205	0.16	0.144	0.598	0.419	0.222	0.835	0.461	0.686	0.952	0.747	0.581	0.581	0.227	0.164	0.174	0.219		
Fairfield	MEAN	1.215	1.406	1.495	0.509	0.871	0.805	0.671	0.918	1.466	1.65	1.78	1.911	1.214	1.475	1.405	0.514	0.916	0.773	0.661	0.912	1.488	1.651	1.78	1.959	1.21	
	P5	0.908	1.138	1.238	0.312	0.63	0.597	0.465	0.68	1.163	1.313	1.379	1.58	1.313	1.379	1.58	0.307	0.695	0.576	0.478	0.716	1.202	1.256	1.368	1.954	0.837	
	P95	1.516	1.723	1.697	0.721	1.124	1.014	0.888	1.154	1.819	1.961	2.177	2.359	1.539	1.782	1.633	0.781	1.148	0.981	0.838	1.2	1.724	2.102	2.138	2.407	1.469	
Gordon Butte	MEAN	1.632	1.723	1.533	1.006	1.131	0.837	0.65	1.053	1.632	1.555	1.607	1.825	1.063	1.437	1.025	1.296	1.054	0.639	1.046	1.54	2.026	2.193	1.663	1.633		
	P5	1.224	1.349	1.133	0.7	0.745	0.478	0.402	0.679	1.164	1.366	1.461	1.787	1.275	1.236	1.357	1.081	0.715	0.777	0.51	0.378	0.727	1.17	1.649	1.179	1.191	
	P95	1.983	2.126	1.836	1.332	1.574	1.201	0.944	1.481	1.935	2.266	2.61	2.964	2.017	2.18	1.807	1.433	1.588	1.119	0.916	1.449	1.831	2.43	2.65	2.933	1.981	
Green Meadow Solar	MEAN	0.043	0.071	0.12	0.127	0.123	0.215	0.104	0.134	0.048	0.038	0.032	0.032	0.042	0.09	0.097	0.125	0.148	0.185	0.103	0.131	0.05	0.037	0.031	0.033	0.04	
	P5	0.008	0.011	0.021	0.026	0.	0.086	0.002	0.001	0.004	0.004	0.011	0.009	0.016	0.011	0.014	0.014	0.001	0.077	0.004	0.	0.006	0.012	0.012	0.012	0.008	
	P95	0.092	0.129	0.226	0.198	0.226	0.293	0.163	0.258	0.1	0.081	0.056	0.062	0.089	0.157	0.196	0.19	0.27	0.255	0.163	0.253	0.108	0.079	0.067	0.074	0.091	
Greenfield	MEAN	2.734	3.563	3.273	3.083	2.751	2.441	2.253	2.876	3.368	3.466	4.492	2.71	3.197	3.126	4.492	2.71	3.197	3.126	4.492	2.71	3.197	3.126	4.492	2.71	3.197	
	P5	2.13	2.794	2.508	2.48	2.156	1.718	1.596	2.136	2.593	3.951	3.253	3.618	1.928	3.097	2.494	2.441	2.262	1.668	1.598	2.201	2.711	3.954	3.108	3.341	1.83	
	P95	3.466	4.323	4.135	3.767																						

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2020-03	2020-04	2020-05	2020-06	2020-07	2020-08	2020-09	2020-10	2020-11	2020-12	2021	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022	2022-02	2022-03	
Basin Creek	MEAN	2.345	0.324	0.021	0.284	2.639	1.216	0.838	2.206	3.712	0.756	0.296	0.222	0.07	0.015	0.088	0.723	0.114	0.029	0.238	0.706	1.044	0.447	0.381			
	P5	0.648	0.	0.	0.	1.25	0.216	0.149	0.78	1.704	0.067	0.	0.	0.	0.	0.067	0.	0.	0.	0.	0.112	0.179	0.045	0.045			
	P95	4.015	0.795	0.179	1.009	4.135	2.686	1.871	3.477	6.318	1.874	0.993	0.717	0.301	0.067	0.471	1.714	0.797	0.168	0.699	1.913	2.276	1.128	1.064			
CELP	MEAN	9.267	10.198	11.407	4.181	6.277	7.361	9.803	11.254	11.886	11.79	12.356	10.749	8.115	10.179	11.423	4.322	6.163	7.376	9.771	11.832	11.225	11.19	11.729	10.7	8.152	
	P5	8.268	9.448	11.053	3.658	4.987	6.599	9.473	10.829	11.367	11.296	11.79	10.255	6.905	9.427	11.06	3.782	4.987	6.475	9.494	11.49	10.665	10.718	11.211	10.213	7.149	
	P95	9.965	10.909	11.899	4.711	7.413	8.318	10.395	11.742	12.544	12.339	12.802	11.163	8.987	10.726	11.955	4.968	7.452	8.189	10.258	12.33	11.842	11.74	12.163	11.222	8.97	
Colstrip 3	MEAN	32.666	26.095	5.717	3.866	27.274	31.914	31.969	32.179	34.583	34.256	35.551	29.5	30.815	25.004	21.233	13.828	26.442	31.342	31.292	33.272	32.586	32.652	31.394	27.059	26.833	
	P5	25.514	19.8	3.307	1.869	19.67	26.914	23.965	25.84	27.773	27.331	30.413	23.732	26.216	17.562	13.806	8.841	20.882	24.709	25.504	25.249	26.451	27.044	25.548	20.056	20.945	
	P95	35.41	30.035	7.6	6.705	32.597	34.511	34.34	34.294	36.884	36.018	38.063	31.811	33.542	30.028	27.555	22.199	32.657	34.722	34.292	35.855	35.013	34.348	35.619	31.195	31.378	
Colstrip 4	MEAN	32.638	26.251	22.005	14.621	27.776	32.122	31.747	31.333	34.258	33.914	35.746	29.521	30.17	25.377	21.125	13.944	26.678	31.314	31.465	33.105	32.837	31.979	31.216	27.248	26.613	
	P5	26.119	20.237	15.651	9.437	21.21	26.62	24.824	24.343	25.811	27.588	29.518	22.872	23.711	19.183	14.766	9.292	20.032	26.267	25.33	27.624	27.265	26.422	25.355	21.127	19.5	
	P95	35.338	29.946	27.869	23.244	32.748	34.684	34.601	34.205	36.831	36.008	38.076	31.793	33.542	29.745	27.555	21.579	32.629	34.771	34.292	35.665	35.058	34.426	35.348	30.88	31.68	
CX CCCT1	MEAN																										
	P5																										
	P95																										
CX FrameCT1	MEAN																										
	P5																										
	P95																										
CX Recip1	MEAN	1.077	0.129	0.005	0.09	0.801	0.349	0.536	1.35	1.827	2.089	1.326	1.026	1.026	0.152	0.01	0.113	0.856	0.394	0.611	1.379	1.774	2.411	1.756	1.387		
	P5	0.332	0.	0.	0.	0.34	0.034	0.128	0.689	0.969	1.403	0.68	0.442	0.	0.	0.	0.	0.459	0.034	0.136	0.765	1.054	1.624	1.037	0.808		
	P95	1.726	0.34	0.043	0.34	1.301	0.774	1.114	1.913	2.754	2.822	2.083	1.556	0.468	0.051	0.476	1.394	1.097	1.292	1.972	2.533	3.171	2.491	1.921			
CX Recip10	MEAN																										
	P5																										
	P95																										
CX Recip2	MEAN	1.08	0.128	0.005	0.091	0.805	0.345	0.534	1.345	1.827	2.086	1.326	1.03	1.026	0.152	0.01	0.113	0.858	0.392	0.61	1.382	1.773	2.397	1.75	1.378		
	P5	0.332	0.	0.	0.	0.366	0.034	0.136	0.714	1.003	1.386	0.731	0.442	0.	0.	0.	0.	0.459	0.034	0.145	0.731	1.08	1.539	1.088	0.825		
	P95	1.726	0.34	0.043	0.349	1.292	0.791	1.114	1.913	2.754	2.89	2.083	1.581	0.468	0.034	0.476	1.394	1.08	1.292	1.955	2.533	3.103	2.491	1.904			
CX Recip3	MEAN	1.084	0.131	0.005	0.088	0.807	0.35	0.538	1.361	1.824	2.073	1.333	1.033	1.026	0.152	0.01	0.114	0.853	0.395	0.61	1.373	1.783	2.402	1.759	1.388		
	P5	0.332	0.	0.	0.	0.366	0.034	0.136	0.723	0.986	1.403	0.697	0.417	0.	0.	0.	0.459	0.034	0.145	0.765	1.08	1.624	1.105	0.816			
	P95	1.675	0.34	0.043	0.315	1.284	0.791	1.114	1.913	2.754	2.873	1.981	1.556	0.468	0.051	0.476	1.42	1.097	1.292	1.938	2.542	3.111	2.44	1.921			
CX Recip4	MEAN																										
	P5																										
	P95																										
CX Recip5	MEAN																										
	P5																										
	P95																										
CX Recip6	MEAN																										
	P5																										
	P95																										
CX Recip7	MEAN																										
	P5																										
	P95																										
CX Recip8	MEAN																										
	P5																										
	P95																										
CX Recip9	MEAN																										
	P5																										
	P95																										
David Gates Generating Station	MEAN	13.62	9.577	10.34	9.12	9.789	14.301	11.249	10.367	13.354	15.864	16.187	11.657	11.594	10.033	10.425	9.12	9.982	11.401	11.479	11.022	12.903	15.278	15.748	12.043	11.907	
	P5	10.69	9.12	10.32	9.12	9.36	11.815	9.7	9.46	11.155	12.478	12.645	9.465	9.76	9.12	10.32	9.12	9.36	12.428	9.7	9.89	10.8	12.273	12.828	9.865	9.985	
	P95	16.69	10.52	10.47	9.12	11.085	16.928	13.55	12.023	15.655	20.803	19.995	14.39	13.76	11.87	10.92	9.12	11.973	12.728	15.475	12.99	15.075	19.048	18.315	14.765	14.448	
YELP	MEAN	17.336	16.244	15.649	0.148	9.088	11.954	14.583	12.907	17.71	17.682	15.221	14.688	15.923	16.203	15.752	0.317	8.17	11.852	14.535	13.647	16.725	16.784	14.382	14.574	15.972	
	P5	16.354	15.276	15.001	0.	7.042	10.845	14.083	10.828	16.897	16.911	13.631	13.685	14.844	15.369	14.907	0.	7.042	10.639	14.083	11.779	15.841	16.041	12.964	13.431	14.957	
	P95	18.413	17.155	16.536	0.932	10.858	13.334	15.554	14.733	18.619	18.515	16.34	15.567	16.789	16.89	16.691	1.832	11.035	15.316	15.515	17.587	15.615	15.665				

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2020-03	2020-04	2020-05	2020-06	2020-07	2020-08	2020-09	2020-10	2020-11	2020-12	2021	2021-02	2021-03	2021-04	2021-05	2021-06	2021-07	2021-08	2021-09	2021-10	2021-11	2021-12	2022	2022-02	2022-03	
Falls	MEAN	13.504	18.078	22.243	19.792	18.882	11.843	9.418	10.759	13.149	13.903	13.184	12.98	13.618	17.069	22.215	19.741	17.58	11.131	9.661	11.92	12.973	13.256	13.663	11.788	12.8	
	P5	22.478	27.704	35.652	31.465	28.606	18.326	16.341	17.621	22.042	23.03	22.489	18.973	21.298	27.951	35.313	29.653	29.476	18.466	15.053	17.898	20.171	21.583	21.386	19.795	21.749	
	P95																										
Hydro - Total	MEAN	92.161	99.726	123.919	112.811	103.098	90.233	80.206	76.658	87.305	89.25	91.205	79.106	87.675	99.478	123.782	113.245	103.338	90.532	79.92	80.806	83.205	84.757	87.626	78.757	87.744	
	P5	66.979	77.102	92.355	86.451	80.164	69.788	59.059	58.499	65.51	64.518	63.446	63.012	67.364	71.958	92.211	87.345	74.381	66.67	61.397	64.138	64.859	61.293	65.568	56.542	64.597	
	P95	128.833	131.47	162.677	155.955	134.126	114.785	113.501	102.398	118.641	118.405	119.118	99.726	118.52	132.089	162.891	143.195	138.398	114.457	101.644	103.957	105.837	107.051	119.986	104.469	125.494	
Load	MEAN	-209.151	-185.585	-203.313	-187.362	-202.652	-207.707	-184.776	-190.231	-184.776	-228.699	-241.531	-230.279	-207.433	-196.114	-185.354	-202.753	-186.697	-200.974	-208.014	-190.154	-196.755	-216.352	-227.83	-216.867	-207.978	-196.83
	P5	-215.478	-190.989	-208.578	-190.39	-209.374	-212.969	-195.283	-189.62	-224.876	-251.492	-245.765	-214.571	-203.246	-190.995	-206.967	-189.863	-208.864	-213.307	-193.505	-202.807	-221.504	-235.27	-229.624	-215.677	-205.155	
	P95	-202.684	-180.372	-199.185	-184.379	-196.093	-201.931	-187.242	-180.077	-222.421	-233.569	-214.332	-200.764	-189.861	-180.229	-198.352	-184.208	-194.196	-203.681	-187.091	-191.931	-211.097	-235.832	-202.426	-201.713	-190.379	
Small QF1	MEAN	0.704	0.623	0.655	1.224	3.885	0.967	1.693	0.909	0.762	0.598	0.493	0.272	0.622	0.575	0.603	1.177	3.838	0.917	1.643	0.906	0.676	0.569	0.47	0.272	0.622	
	P5	0.704	0.623	0.655	1.224	3.885	0.967	1.693	0.909	0.762	0.598	0.493	0.272	0.622	0.575	0.603	1.177	3.838	0.917	1.643	0.906	0.676	0.569	0.47	0.272	0.622	
	P95	0.704	0.623	0.655	1.224	3.885	0.967	1.693	0.909	0.762	0.598	0.493	0.272	0.622	0.575	0.603	1.177	3.838	0.917	1.643	0.906	0.676	0.569	0.47	0.272	0.622	
Small Tier II	MEAN	2.252	2.338	2.282	2.853	2.801	2.434	2.688	2.882	2.613	2.049	1.851	1.336	2.141	2.338	2.282	2.852	2.53	2.149	2.4	2.745	2.201	1.678	1.479	1.06	1.871	
	P5	2.252	2.338	2.282	2.853	2.801	2.434	2.688	2.882	2.613	2.049	1.851	1.336	2.141	2.338	2.282	2.852	2.53	2.149	2.4	2.745	2.201	1.678	1.479	1.06	1.871	
	P95	2.252	2.338	2.282	2.853	2.801	2.434	2.688	2.882	2.613	2.049	1.851	1.336	2.141	2.338	2.282	2.852	2.53	2.149	2.4	2.745	2.201	1.678	1.479	1.06	1.871	
Tiber	MEAN	1.831	1.737																								
	P5	1.831	1.737																								
	P95	1.831	1.737																								
Turnbull	MEAN	0.005	1.697	3.401	4.	3.139	1.106	0.013																			
	P5	0.005	1.697	3.401	4.	3.139	1.106	0.013																			
	P95	0.005	1.697	3.401	4.	3.139	1.106	0.013																			
Physical Instrument - Total	MEAN	4.787	4.703	4.635	7.478	10.687	6.539	5.486	3.81	5.111	4.332	4.221	3.185	4.506	4.655	4.583	7.43	10.369	6.204	5.149	3.67	4.53	3.85	3.739	2.908	4.235	
	P5	4.787	4.703	4.635	7.478	10.687	6.539	5.486	3.81	5.111	4.332	4.221	3.185	4.506	4.655	4.583	7.43	10.369	6.204	5.149	3.67	4.53	3.85	3.739	2.908	4.235	
	P95	4.787	4.703	4.635	7.478	10.687	6.539	5.486	3.81	5.111	4.332	4.221	3.185	4.506	4.655	4.583	7.43	10.369	6.204	5.149	3.67	4.53	3.85	3.739	2.908	4.235	
Deer Creek Solar	MEAN	0.09	0.11	0.163	0.153	0.176	0.166	0.124	0.057	0.045	0.028	0.038	0.047	0.069	0.109	0.162	0.15	0.175	0.164	0.124	0.074	0.039	0.021	0.031	0.045	0.07	
	P5	0.009	0.024	0.05	0.035	0.114	0.086	0.004	0.005	0.002	0.003	0.008	0.007	0.032	0.038	0.036	0.03	0.079	0.008	0.003	0.007	0.007	0.001	0.003	0.007	0.007	
	P95	0.169	0.189	0.271	0.255	0.22	0.214	0.225	0.118	0.133	0.067	0.098	0.116	0.141	0.188	0.268	0.255	0.222	0.214	0.228	0.147	0.106	0.047	0.095	0.119	0.14	
Distributed Generation	MEAN	0.213	0.217	0.362	0.316	0.325	0.146	0.25	0.141	0.105	0.326	0.142	0.099	0.142	0.098	0.322	0.39	0.337	0.347	0.187	0.133	0.039	0.187	0.133	0.039	0.187	
	P5	0.132	0.093	0.13	0.031	0.006	0.015	0.039	0.067	0.008	0.069	0.066	0.108	0.098	0.143	0.032	0.009	0.009	0.052	0.084	0.094	0.059	0.092	0.071	0.123		
	P95	0.295	0.445	0.817	0.936	0.701	0.677	0.515	0.256	0.219	0.14	0.205	0.257	0.286	0.522	0.859	1.011	0.766	0.785	0.605	0.351	0.194	0.118	0.178	0.271	0.298	
Fairfield	MEAN	1.499	1.407	0.551	0.872	0.744	0.698	0.856	1.465	1.73	1.709	2.025	1.213	1.405	1.412	0.557	0.873	0.729	0.692	0.862	1.549	1.641	1.614	1.872	1.209	1.41	
	P5	1.23	1.212	0.303	0.691	0.547	0.519	0.577	1.288	1.359	1.288	1.357	1.288	1.359	1.288	0.682	0.572	0.682	0.572	0.682	1.266	1.582	1.658	1.907	1.16		
	P95	1.757	1.637	0.782	1.118	0.972	0.842	1.082	1.742	2.012	2.142	2.431	1.511	1.713	1.649	0.805	1.069	0.911	0.872	1.098	1.883	2.057	2.031	2.171	1.556	1.659	
Gordon Butte	MEAN	1.829	1.444	1.073	1.131	0.762	0.978	1.513	2.155	2.679	1.777	1.644	1.978	1.644	1.723	2.094	1.332	1.092	0.877	1.644	2.046	2.627	2.472	1.633	1.729		
	P5	1.426	1.133	0.685	0.808	0.487	0.444	0.652	1.217	1.777	1.725	2.303	1.211	1.351	1.099	0.765	0.828	0.526	0.454	0.635	1.218	1.599	1.623	2.1	1.168		
	P95	2.206	1.764	1.403	1.473	1.067	1.317	1.885	2.426	3.067	2.602	3.06	2.054	2.118	1.771	1.492	1.468	1.018	0.954	1.337	1.979	2.465	2.422	2.764	2.054		
Green Meadow Solar	MEAN	0.091	0.098	0.147	0.121	0.155	0.128	0.112	0.048	0.045	0.026	0.038	0.043	0.072	0.097	0.146	0.126	0.153	0.126	0.112	0.061	0.037	0.02	0.031	0.042		
	P5	0.015	0.013	0.034	0.	0.069	0.008	0.	0.004	0.017	0.01	0.015	0.008	0.014	0.013	0.011	0.	0.062	0.002	0.005	0.015	0.008	0.012	0.01			
	P95	0.163	0.187	0.229	0.226	0.212	0.2	0.223	0.102	0.097	0.054	0.068	0.09	0.131	0.186	0.227	0.246	0.214	0.199	0.216	0.126	0.079	0.036	0.062			
Greenfield	MEAN	3.803	3.113	3.252	2.758	2.248	3.596	2.711	3.327	4.808	3.354	3.359	3.394	3.394	3.394	3.245	2.747	2.247	2.344	4.597	3.835	3.246	2.247	2.247	3.561		
	P5	3.209	2.434	2.564	2.073	1.547	1.782	1.883	2.683	3.995	2.971	3.89	1.808	2.761	2.402	2.325	2.25	1.63	1.693	2.002	2.761	3.857	2.741	3.428	2.008		
	P95	4.458	3.679	4.016	3.464	2.952	2.935	3.311	4.036	5.475	4.807	5.659	3.722	4.314	3.965	4.035	3.245	2.879	3.006	3.483	4.209	5.271	4.715	5.135	3.567		
Judith Gap	MEAN	18.363	15.492	14.154	11.117	8.687	10.218	10.93	16.357	22.518	23.372	29.779	18.38	17.013	15.573	14.33	11.179	8.529	10.049	10.989	17.521	21.255	22.009	27.385	18.39		
	P5	13.688	11.85	9.635	7.476	5.161	7.105	7.991	12.76	17.869																	

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2022-04	2022-05	2022-06	2022-07	2022-08	2022-09	2022-10	2022-11	2022-12	2023	2023-02	2023-03	2023-04	2023-05	2023-06	2023-07	2023-08	2023-09	2023-10	2023-11	2023-12	2024	2024-02	2024-03	2024-04	
Basin Creek	MEAN	0.1	0.014		0.104	0.774	0.205	0.069	0.396	1.023	0.978	0.519	0.378	0.119	0.007	0.133	0.834	0.181	0.09	0.413	1.119	1.1	0.647	0.367	0.098		
	P5	0.	0.		0.078	0.	0.	0.045	0.223	0.201	0.022	0.	0.	0.	0.	0.156	0.	0.	0.022	0.283	0.257	0.034	0.	0.			
	P95	0.335	0.056		0.453	1.838	1.055	0.302	0.994	2.447	2.018	1.511	1.167	0.561	0.045	0.527	1.667	0.603	0.268	1.213	2.261	2.797	1.551	0.906	0.48		
CELP	MEAN	10.186	11.386	4.361	7.347	6.901	9.746	11.866	11.251	11.16	11.76	10.664	8.045	10.752	10.695	4.288	7.309	6.839	9.716	11.798	11.201	12.43	11.787	10.472	8.624	10.688	
	P5	9.572	11.053	3.802	6.309	6.103	9.514	11.531	10.665	10.728	11.129	10.193	7.	10.13	10.392	3.678	6.309	6.094	9.486	11.511	10.685	11.915	12.224	11.223	9.898	7.434	9.366
	P95	10.805	11.858	5.062	8.56	7.744	10.134	12.296	11.821	11.75	12.266	11.084	8.966	11.301	11.135	4.856	8.462	7.706	10.209	12.296	11.693	12.999	12.224	11.01	9.527	10.661	
Colstrip 3	MEAN	19.457	15.354		21.683	25.39	26.662	29.501	29.618	30.144	31.922	27.207	27.259	21.164	0.941	1.609	12.993	19.03	19.119	21.786	23.496	26.771	25.488	20.998	21.455	12.695	
	P5	12.965	10.508		7.687	10.966	17.442	18.186	20.613	22.749	24.433	25.94	21.78	20.738	12.843	0.668	1.609	12.993	19.03	19.119	21.786	23.496	26.771	25.488	20.998	21.455	12.695
	P95	26.877	24.905		17.778	33.353	31.096	32.508	34.861	34.311	33.695	35.673	30.726	32.288	28.886	1.896	3.641	34.656	31.161	33.113	34.273	37.009	35.551	27.73	28.977	20.408	
Colstrip 4	MEAN	20.012	2.822	1.192	21.96	25.284	26.635	29.105	29.669	29.831	31.248	27.09	27.008	21.419	15.144	10.534	22.678	25.922	27.437	29.667	30.09	33.594	31.432	27.967	28.722	20.878	
	P5	13.223	1.877	0.99	11.099	17.833	18.749	19.957	22.674	23.541	24.929	20.866	20.095	14.794	9.918	7.939	12.748	19.938	22.469	22.637	28.613	24.518	20.486	20.657	12.757		
	P95	25.886	4.646	1.984	34.632	31.096	32.972	34.375	34.214	33.66	35.73	31.04	31.842	28.854	22.715	17.123	34.728	31.536	33.113	35.098	34.461	37.1	35.432	31.883	33.856	27.275	
CX CCCT1	MEAN																										
	P5																										
	P95																										
CX FrameCT1	MEAN																										
	P5																										
	P95																										
CX Recip1	MEAN	0.264	0.023		0.184	1.086	0.749	1.07	1.823	2.254	2.476	1.808	1.414	0.291	0.013		0.205	1.14	0.764	1.17	1.876	2.586	2.576	1.921	1.508	0.272	
	P5	0.	0.		0.	0.57	0.145	0.289	1.165	1.488	1.828	1.122	0.927	0.009	0.	0.	0.68	0.153	0.434	1.08	1.836	1.87	1.114	0.884	0.017		
	P95	0.68	0.136		0.655	1.573	1.615	2.023	2.567	2.941	3.196	2.559	1.887	0.748	0.06		0.646	1.573	1.437	2.185	2.652	3.256	3.536	2.669	2.032	0.612	
CX Recip10	MEAN																										
	P5																										
	P95																										
CX Recip2	MEAN	0.266	0.023		0.184	1.077	0.746	1.081	1.829	2.237	2.48	1.813	1.411	0.291	0.013		0.207	1.142	0.763	1.17	1.865	2.579	2.559	1.926	1.494	0.269	
	P5	0.	0.		0.	0.553	0.145	0.298	1.156	1.479	1.794	1.148	0.944	0.009	0.	0.	0.68	0.153	0.442	0.986	1.828	1.845	1.131	0.884	0.017		
	P95	0.68	0.136		0.655	1.547	1.641	2.023	2.618	2.975	3.196	2.567	1.879	0.748	0.068		0.646	1.624	1.437	2.117	2.652	3.281	3.536	2.669	2.032	0.587	
CX Recip3	MEAN	0.265	0.023		0.183	1.079	0.747	1.076	1.826	2.249	2.472	1.809	1.418	0.291	0.013		0.205	1.142	0.766	1.181	1.821	2.589	2.573	1.921	1.51	0.269	
	P5	0.	0.		0.	0.57	0.136	0.298	1.156	1.488	1.794	1.148	0.927	0.009	0.	0.	0.68	0.153	0.442	1.08	1.828	1.819	1.114	0.91	0.017		
	P95	0.655	0.136		0.655	1.547	1.641	1.964	2.593	2.967	3.196	2.542	1.896	0.748	0.068		0.646	1.573	1.437	2.202	2.618	3.298	3.536	2.678	2.032	0.578	
CX Recip4	MEAN	0.268	0.021		0.183	1.078	0.746	1.072	1.82	2.257	2.489	1.807	1.414	0.293	0.011		0.207	1.141	0.758	1.167	1.871	2.583	2.57	1.933	1.505	0.266	
	P5	0.	0.		0.	0.553	0.145	0.298	1.114	1.496	1.828	1.148	0.944	0.009	0.	0.	0.68	0.153	0.434	1.046	1.802	1.845	1.114	0.859	0.017		
	P95	0.68	0.119		0.655	1.573	1.556	1.998	2.593	3.009	3.196	2.525	1.879	0.748	0.06		0.646	1.624	1.437	2.202	2.593	3.298	3.519	2.678	2.032	0.578	
CX Recip5	MEAN																										
	P5																										
	P95																										
CX Recip6	MEAN																										
	P5																										
	P95																										
CX Recip7	MEAN																										
	P5																										
	P95																										
CX Recip8	MEAN																										
	P5																										
	P95																										
CX Recip9	MEAN																										
	P5																										
	P95																										
David Gates Generating Station	MEAN	10.05	10.444	9.12	10.992	13.891	11.827	11.065	13.025	15.489	16.038	12.401	11.991	10.697	9.927	9.12	11.123	14.19	11.834	11.352	13.348	17.377	16.47	13.264	12.552	10.094	
	P5	9.12	10.32	9.12	10.32	11.285	9.8	9.94	10.875	12.523	12.865	9.89	9.71	9.6	9.84	9.12	10.32	12.148	9.8	10.04	10.875	14.22	13.453	10.33	10.578	9.12	
	P95	11.47	11.145	9.12	12.995	16.91	15.475	12.778	15.975	19.36	18.578	15.678	14.498	12.875	10.29	9.12	13.195	16.46	14.443	13.253	16.238	20.42	20.715	16.243	15.065	11.833	
YELP	MEAN	16.216	15.635	0.299	10.665	11.115	14.626	15.925	16.777	16.732	14.512	14.626	15.925	17.085	14.636	0.248	10.617	10.998	14.415	14.415	13.514	16.69	16.839	14.484	14.347	16.889	16.07
	P5	15.4	14.814	0.	9.029	10.007	14.114	11.686	15.854	16.072	12.832	13.414	14.811	16.301	13.945	0.	9.029	9.925	14.083	11.898	15.904	17.842	13.158	13.116	15.91	15.245	
	P95	17.015	16.553	1.612	12.444	12.367	15.161	15.375	17.655	16.674	15.719																

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2022-04	2022-05	2022-06	2022-07	2022-08	2022-09	2022-10	2022-11	2022-12	2023	2023-02	2023-03	2023-04	2023-05	2023-06	2023-07	2023-08	2023-09	2023-10	2023-11	2023-12	2024	2024-02	2024-03	2024-04
Falls	PS	17.941	21.688	19.607	19.493	10.966	9.881	11.46	12.366	13.553	13.507	12.237	12.876	17.272	19.936	18.725	19.143	11.294	9.662	11.291	12.481	14.972	13.799	12.183	13.506	17.334
	P5	27.799	34.727	29.595	31.621	17.926	15.718	18.299	20.112	22.179	22.256	19.287	20.433	29.569	33.908	31.245	32.053	16.986	15.068	17.925	20.221	25.511	21.152	19.959	20.794	26.602
	MEAN	99.399	123.795	113.03	113.862	85.845	80.259	80.583	83.569	84.656	87.746	79.196	87.215	104.533	118.022	112.978	113.415	85.785	80.309	80.839	83.237	93.469	87.686	78.399	92.1	99.363
Hydro - Total	PS	78.159	91.122	87.789	83.689	64.878	63.577	62.229	61.701	63.707	61.701	63.707	61.701	74.558	85.565	84.905	81.849	66.315	62.572	61.701	62.399	68.627	66.343	60.028	67.865	74.058
	P5	129.96	159.748	143.807	147.898	112.761	106.212	107.37	110.463	115.928	120.573	102.858	115.709	139.624	160.359	154.367	148.964	104.669	102.331	105.019	106.175	129.262	116.277	107.136	115.682	122.274
	MEAN	-185.913	-202.259	-187.15	-229.269	-195.087	-190.359	-197.566	-216.677	-227.099	-214.349	-207.905	-196.513	-197.094	-191.846	-187.061	-230.431	-195.25	-190.718	-196.843	-216.679	-256.742	-215.141	-201.952	-209.287	-185.297
Load	PS	-196.63	-206.732	-190.291	-238.501	-200.217	-194.324	-203.412	-222.118	-235.135	-227.266	-214.304	-204.281	-202.861	-196.556	-190.288	-239.695	-201.848	-194.777	-201.955	-223.082	-267.93	-231.028	-210.761	-216.084	-190.429
	P5	-181.274	-198.279	-184.334	-230.327	-189.861	-186.569	-191.922	-211.414	-218.671	-197.927	-199.721	-188.313	-192.164	-187.766	-183.809	-221.519	-190.129	-186.634	-192.442	-209.68	-246.227	-197.518	-193.042	-203.129	-178.66
	MEAN	0.575	0.603	1.177	4.168	0.813	1.58	0.844	0.613	0.51	0.408	0.212	0.563	0.543	0.513	1.117	1.168	0.813	1.58	0.844	0.613	0.562	0.408	0.211	0.592	0.516
Small QF1	PS	0.575	0.603	1.177	4.168	0.813	1.58	0.844	0.613	0.51	0.408	0.212	0.563	0.543	0.513	1.117	1.168	0.813	1.58	0.844	0.613	0.562	0.408	0.211	0.592	0.516
	P5	0.575	0.603	1.177	4.168	0.813	1.58	0.844	0.613	0.51	0.408	0.212	0.563	0.543	0.513	1.117	1.168	0.813	1.58	0.844	0.613	0.562	0.408	0.211	0.592	0.516
	MEAN	2.065	1.984	2.58	2.79	2.044	2.4	2.745	2.201	1.678	1.479	1.06	1.871	2.174	1.891	2.58	2.732	1.991	2.344	2.69	2.144	1.792	1.423	0.998	1.911	2.012
Small Tier II	PS	2.065	1.984	2.58	2.79	2.044	2.4	2.745	2.201	1.678	1.479	1.06	1.871	2.174	1.891	2.58	2.732	1.991	2.344	2.69	2.144	1.792	1.423	0.998	1.911	2.012
	P5	2.065	1.984	2.58	2.79	2.044	2.4	2.745	2.201	1.678	1.479	1.06	1.871	2.174	1.891	2.58	2.732	1.991	2.344	2.69	2.144	1.792	1.423	0.998	1.911	2.012
	MEAN	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737
Tiber	PS	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737
	P5	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737	1.737
	MEAN	0.005	1.697	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411
Turnbull	PS	0.005	1.697	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411
	P5	0.005	1.697	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411	2.985	1.106	0.014	0.005	1.618	3.401	4.411
	MEAN	4.382	4.284	7.158	11.369	5.843	5.087	3.609	4.468	3.791	3.677	2.848	4.176	4.55	4.023	6.098	11.311	5.79	5.03	3.553	4.411	4.121	3.621	2.773	4.335	4.27
Physical Instrument - Total	PS	4.382	4.284	7.158	11.369	5.843	5.087	3.609	4.468	3.791	3.677	2.848	4.176	4.55	4.023	6.098	11.311	5.79	5.03	3.553	4.411	4.121	3.621	2.773	4.335	4.27
	P5	4.382	4.284	7.158	11.369	5.843	5.087	3.609	4.468	3.791	3.677	2.848	4.176	4.55	4.023	6.098	11.311	5.79	5.03	3.553	4.411	4.121	3.621	2.773	4.335	4.27
	MEAN	0.11	0.163	0.148	0.233	0.135	0.124	0.074	0.038	0.022	0.033	0.045	0.069	0.131	0.137	0.147	0.232	0.136	0.12	0.071	0.038	0.033	0.032	0.044	0.086	0.106
Deer Creek Solar	PS	0.03	0.041	0.031	0.141	0.066	0.011	0.009	0.004	0.008	0.001	0.004	0.006	0.043	0.025	0.027	0.133	0.067	0.003	0.004	0.003	0.003	0.003	0.003	0.003	0.003
	P5	0.195	0.271	0.255	0.296	0.177	0.224	0.149	0.105	0.049	0.088	0.114	0.14	0.222	0.236	0.251	0.298	0.174	0.228	0.149	0.108	0.077	0.095	0.115	0.165	0.192
	MEAN	0.247	0.422	0.368	0.52	0.315	0.308	0.204	0.144	0.093	0.143	0.162	0.213	0.308	0.388	0.395	0.559	0.347	0.332	0.22	0.156	0.259	0.316	0.408	0.294	0.293
Distributed Generation	PS	0.118	0.177	0.031	0.01	0.009	0.056	0.096	0.095	0.059	0.093	0.13	0.148	0.116	0.025	0.015	0.005	0.04	0.107	0.103	0.106	0.101	0.079	0.18	0.13	
	P5	0.521	0.929	1.096	1.064	0.722	0.66	0.366	0.202	0.134	0.303	0.322	0.648	0.885	1.166	1.144	0.798	0.688	0.885	0.216	0.213	0.221	0.302	0.426	0.542	
	MEAN	1.412	0.553	0.878	0.808	0.666	0.878	1.56	1.637	1.616	1.966	1.212	1.419	1.496	0.506	0.874	0.813	0.663	0.869	1.536	1.63	1.793	1.966	1.221	1.486	1.414
Fairfield	PS	1.19	0.311	0.682	0.583	1.56	1.25	1.348	1.572	1.678	1.902	1.29	1.348	1.572	1.678	1.902	1.29	1.348	1.572	1.678	1.902	1.29	1.348	1.572	1.678	1.902
	P5	1.619	0.846	1.109	1.069	0.845	1.088	1.848	1.994	1.983	2.339	1.497	1.705	1.707	0.743	1.081	1.028	0.862	1.072	1.854	1.958	2.232	2.376	1.558	1.752	1.637
	MEAN	1.454	1.083	1.138	0.834	0.639	1.005	1.613	2.049	1.986	2.62	1.538	1.014	1.134	0.841	0.645	0.559	0.347	0.332	0.22	0.156	0.259	0.316	0.408	0.294	0.293
Gordon Butte	PS	1.134	0.69	0.786	0.503	0.422	0.68	1.25	1.704	1.712	2.211	1.294	1.385	1.447	0.669	0.818	0.535	0.389	0.65	1.173	1.723	1.817	2.165	1.238	1.383	1.053
	P5	1.812	1.509	1.425	1.178	0.87	1.332	2.006	2.362	2.098	2.822	2.098	2.822	1.452	1.141	0.91	1.349	0.65	2.066	2.371	2.653	2.917	2.016	2.163	1.799	
	MEAN	0.098	0.147	0.12	0.209	0.098	0.112	0.061	0.037	0.02	0.032	0.04	0.07	0.119	0.12	0.117	0.203	0.098	0.11	0.058	0.037	0.031	0.031	0.04	0.088	0.096
Green Meadow Solar	PS	0.017	0.036	0.	0.089	0.001	0.001	0.009	0.014	0.009	0.014	0.009	0.014	0.012	0.019	0.008	0.	0.055	0.001	0.004	0.007	0.013	0.013	0.013	0.013	0.013
	P5	0.204	0.221	0.226	0.286	0.157	0.213	0.126	0.077	0.042	0.06	0.082	0.134	0.224	0.189	0.214	0.293	0.154	0.214	0.128	0.08	0.061	0.056	0.092	0.16	0.185
	MEAN	3.136	3.229	2.754	2.466	2.22	2.703	3.498	4.587	3.818	4.587	3.818	4.587	3.818	4.587	3.818	4.587	3.818	4.587	3.818	4.587	3.818	4.587	3.818	4.587	3.818
Greenfield	PS	2.295	2.579	2.13	1.86	1.556	2.114	2.871	3.913	2.825	3.591	2.177	2.977	2.63	2.237	2.154	1.695	1.618	2.002	2.641	3.7	3.228	3.337	1.968	2.867	2.53
	P5	3.738	3.404	3.4																						

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2024-05	2024-06	2024-07	2024-08	2024-09	2024-10	2024-11	2024-12	2025	2025-02	2025-03	2025-04	2025-05	2025-06	2025-07	2025-08	2025-09	2025-10	2025-11	2025-12	2026	2026-02	2026-03	2026-04	2026-05
Basin Creek	MEAN	0.011	0.155	0.883	0.217	0.106	0.439	1.199	1.083	0.449	0.359	0.124	0.008		0.121	0.915	0.264	0.106	0.47	1.322	1.042	0.526	0.448	0.128	0.009	
	P5	0.	0.168	0.045	0.	0.	0.022	0.224	0.212	0.045	0.	0.	0.	0.	0.	0.212	0.045	0.	0.242	0.	0.022	0.283	0.242	0.	0.	0.
	P95	0.089	0.735	2.001	0.949	0.439	1.127	2.73	2.388	1.088	1.142	0.443	0.045		0.483	1.883	1.132	0.447	1.21	2.828	2.233	1.369	1.389	0.551	0.045	
CELP	MEAN	10.743	4.895																							
	P5	10.412	4.319																							
	P95	11.481	5.637																							
Colstrip 3	MEAN	15.624	11.162	21.394	26.032	28.791	28.56	30.229	33.415	31.95	27.765	29.263	20.434	16.006	11.304	22.206	27.484	27.49	28.741	31.53	31.8	32.606	27.673	29.341	21.263	4.301
	P5	9.974	8.029	11.117	18.1	20.204	20.243	23.828	27.641	26.011	21.581	22.246	12.702	9.979	7.973	12.051	19.251	18.395	21.206	21.07	24.591	28.075	20.302	22.838	13.607	2.602
	P95	23.121	19.377	33.024	31.589	34.199	33.228	34.237	37.338	35.714	31.505	34.16	27.331	23.231	18.638	33.024	32.665	33.092	33.291	36.22	35.528	35.891	31.383	33.908	28.434	7.537
Colstrip 4	MEAN	15.478	11.365	21.306	26.079	28.663	27.979	29.996	33.377	31.548	27.39	28.966	20.83	4.281	2.915	22.568	27.752	27.991	28.218	31.91	31.761	32.172	27.792	29.158	21.297	16.836
	P5	9.982	8.22	11.214	18.872	21.143	20.989	24.261	26.777	24.959	21.087	20.697	12.356	2.68	1.334	12.051	19.76	19.531	20.613	26.387	25.115	26.51	21.669	21.401	13.642	10.406
	P95	22.666	19.377	33.036	31.441	33.892	33.223	34.105	37.38	35.54	31.411	34.12	27.492	6.639	5.574	32.995	33.078	33.341	33.157	36.351	35.441	36.019	31.559	34.226	28.482	25.189
CX CCCT1	MEAN																									
	P5																									
	P95																									
CX FrameCT1	MEAN																									
	P5																									
	P95																									
CX Recip1	MEAN	0.03	0.231	1.135	0.841	1.232	1.945	2.68	2.596	1.931	1.555	0.31	0.022		0.219	1.23	0.912	1.208	2.042	2.627	2.657	1.943	1.621	0.353	0.019	
	P5	0.	0.	0.604	0.298	0.502	1.207	1.836	1.819	1.275	0.859	0.017	0.		0.	0.655	0.357	0.493	1.292	1.785	1.87	1.267	0.825	0.051	0.	
	P95	0.179	0.74	1.649	1.488	2.049	2.729	3.545	3.468	2.661	2.185	0.672	0.094		0.612	1.794	1.794	2.125	2.831	3.443	3.315	2.584	2.304	0.791	0.094	
CX Recip10	MEAN																									
	P5																									
	P95																									
CX Recip2	MEAN	0.03	0.233	1.137	0.843	1.228	1.939	2.683	2.586	1.93	1.538	0.307	0.021		0.22	1.236	0.918	1.207	2.054	2.627	2.649	1.945	1.611	0.355	0.019	
	P5	0.	0.587	0.298	0.519	1.233	1.794	1.785	1.258	0.842	0.017	0.			0.	0.646	0.374	0.493	1.292	1.76	1.641	1.233	0.791	0.051	0.	
	P95	0.179	0.74	1.649	1.573	2.057	2.746	3.528	3.468	2.695	2.142	0.689	0.094		0.621	1.794	1.794	2.127	2.856	3.468	3.46	2.542	2.355	0.816	0.094	
CX Recip3	MEAN	0.03	0.233	1.137	0.839	1.23	1.945	2.69	2.607	1.934	1.545	0.314	0.021		0.218	1.231	0.921	1.206	2.059	2.624	2.654	1.938	1.622	0.358	0.018	
	P5	0.	0.587	0.298	0.536	1.233	1.836	1.777	1.25	0.842	0.017	0.			0.	0.663	0.374	0.485	1.267	1.811	1.768	1.267	0.825	0.051	0.	
	P95	0.179	0.74	1.649	1.488	2.04	2.737	3.545	3.485	2.686	2.108	0.714	0.085		0.612	1.768	1.777	2.125	2.848	3.46	3.46	2.584	2.355	0.842	0.085	
CX Recip4	MEAN	0.03	0.232	1.143	0.842	1.229	1.937	2.686	2.609	1.925	1.541	0.314	0.022		0.22	1.231	0.919	1.203	2.055	2.635	2.662	1.949	1.619	0.358	0.019	
	P5	0.	0.604	0.298	0.502	1.131	1.828	1.785	1.25	0.799	0.017	0.			0.	0.663	0.374	0.493	1.292	1.828	1.87	1.241	0.828	0.051	0.	
	P95	0.179	0.74	1.649	1.573	2.057	2.737	3.528	3.485	2.703	2.193	0.714	0.094		0.612	1.794	1.794	2.083	2.831	3.468	3.417	2.584	2.27	0.842	0.094	
CX Recip5	MEAN	0.03	0.252	1.225	0.914	1.32	2.103	2.921	2.828	2.085	1.668	0.343	0.023		0.238	1.32	0.992	1.307	2.222	2.838	2.807	2.105	1.745	0.389	0.02	
	P5	0.	0.644	0.322	0.57	1.334	1.987	1.969	1.371	0.911	0.018	0.			0.69	0.377	0.524	1.371	1.932	2.024	1.371	1.932	0.892	0.055	0.	
	P95	0.184	0.8	1.785	1.702	2.19	2.962	3.846	3.772	2.898	2.346	0.773	0.101		0.672	1.914	1.941	2.3	3.064	3.726	3.708	2.76	2.548	0.911	0.101	
CX Recip6	MEAN																									
	P5																									
	P95																									
CX Recip7	MEAN																									
	P5																									
	P95																									
CX Recip8	MEAN																									
	P5																									
	P95																									
CX Recip9	MEAN																									
	P5																									
	P95																									
David Gates Generating Station	MEAN	10.017	9.6	10.724	14.219	12.661	11.148	13.455	18.007	16.389	12.297	12.603	10.299	9.977	9.6	10.717	15.063	12.587	11.039	14.315	17.758	16.525	12.678	12.893	10.455	10.467
	P5	9.84	9.6	9.84	11.91	10.405	9.835	11.088	14.02	13.34	9.79	10.39	9.12	9.84	9.6	9.84	12.365	10.4	9.61	11.005	13.815	12.678	9.74	10.578	9.17	10.32
	P95	10.765	9.6	12.79	16.86	15.73	13.373	16.525	21.883	19.778	14.79	15.628	11.995	10.515	9.6	12.59	17.678	16.825	13.035	17.255	22.54	20.215	15.928	16.265	12.345	11.02
YELP	MEAN	14.687	0.361	9.908	10.959	15.43	12.674	16.643	18.42	14.437	14.79	16.787	16.006	14.813	0.301	16.61	11.621	14.433	12.626	17.616	17.523	14.432	14.609	16.602	16.014	15.719
	P5	13.967	0.	8.035	9.857	15.046	10.838	15.935	17.926	13.282	13.767	15.702	15.183	13.945	0.	8.035	10.577	14.114	11.232	16.897	16.937	13.08	13.227	15.702	15.214	14.876
	P95	15.791	1.521	11.755	16.225	14.512	17.5	19.043	15.665	15.412	17.813	16.689	15.729	1.36	11.709	12.75	15.305	14.387	18.586	18.422	15.728	15.587	17.751	16.798	16.784	
Black Eagle	MEAN	6.365	6.114	5.351	4.946	4.676	4.271	4.968	4.635	4.316	4.176	5.483	5.719	6.343	6.144	5.338	5.185	4.449	4.259	5.224	4.436	4.315	4.179	5.487	5.669	6.679
	P5	5.076	4.799	4.088	3.567	3.719	3.278	4.024	3.518	3.253	3.314	4.282	4.481	4.858	3.686	3.997	3.281	3.322	4.265	3.153	3.371	3.307	4.517	4.161	5.168	
	P95	7.449	7.399	6.751	6.197	5.599	5.433	5.998	5.668	5.298	5.067	6.648	6.724	7.636	7.143	6.603	6.363	5.391	5.177	6.213	5.446	5.305	5.049	6.508	6.717	8.151
Cochrane	MEAN	13.767	14.298	11.339	9.089	8.8	6.623	7.649	9.723	9.288	8.511	10.112	11.002	13.584	14.445	11.362	9.543	8.324	6.592	8.07	9.379	9.285	8.48	10.092	10.862	14.411
	P5	5.784	7.227	3.994	3.542	4.332	3.306	3.999	4.509	4.459	3.956	4.448	5.986	5.551	7.428	3.375	4.24									

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2024-05	2024-06	2024-07	2024-08	2024-09	2024-10	2024-11	2024-12	2025	2025-02	2025-03	2025-04	2025-05	2025-06	2025-07	2025-08	2025-09	2025-10	2025-11	2025-12	2026	2026-02	2026-03	2026-04	2026-05
Falls	MEAN	20.59	20.408	19.32	10.23	10.4	10.731	13.078	15.003	13.463	12.173	13.549	18.499	19.68	20.806	17.955	11.456	9.183	10.945	13.821	13.329	13.314	12.316	14.182	16.912	21.161
	P5	33.385	31.627	31.228	18.021	15.917	17.754	20.008	24.274	21.655	19.457	21.743	26.685	33.981	30.905	29.932	19.134	15.241	19.743	20.667	23.313	21.341	19.247	21.135	27.212	35.292
	P95																									
Hydro - Total	MEAN	118.382	118.442	108.641	85.892	84.441	76.948	83.238	93.046	87.555	79.023	92.113	99.848	117.685	119.171	108.482	90.185	80.297	76.776	87.681	89.224	87.477	78.981	92.137	99.056	124.167
	P5	86.123	90.225	81.496	61.192	65.385	59.029	65.965	68.347	65.005	58.696	67.518	79.216	83.873	90.361	75.587	67.39	59.301	59.202	69.607	60.307	63.525	59.808	71.167	72.006	90.191
	P95	154.669	152.958	145.183	114.083	105.765	105.722	106.435	123.354	118.186	102.638	120.27	125.284	157.936	149.504	136.896	124.224	104.044	98.648	109.109	120.267	116.049	101.934	114.535	130.604	163.712
Load	MEAN	-191.335	-199.2	-213.936	-196	-202.996	-184.771	-216.269	-256.653	-217.738	-211.236	-212.507	-187.879	-194.98	-202.05	-216.138	-211.753	-194.049	-187.35	-233.066	-245.323	-222.093	-214.631	-216.441	-191.032	-209.582
	P5	-197.049	-202.714	-223.61	-201.118	-205.93	-190.827	-221.703	-268.421	-238.999	-210.044	-220.134	-193.441	-199.892	-204.677	-226.559	-218.971	-197.431	-192.172	-239.907	-255.443	-237.887	-222.429	-223.177	-196.367	-213.807
	P95	-187.214	-195.747	-204.602	-191.135	-198.172	-180.26	-244.972	-198.286	-204.661	-202.661	-203.985	-182.028	-198.331	-207.09	-230.083	-207.241	-182.144	-182.144	-207.338	-234.129	-207.832	-209.286	-185.385	-205.079	
Small QF1	MEAN	0.513	1.176	3.974	0.813	1.659	0.803	0.613	0.562	0.408	0.212	0.592	0.516	0.513	1.176	3.974	0.855	1.58	0.803	0.644	0.536	0.408	0.212	0.592	0.516	0.538
	P5	0.513	1.176	3.974	0.813	1.659	0.803	0.613	0.562	0.408	0.212	0.592	0.516	0.513	1.176	3.974	0.855	1.58	0.803	0.644	0.536	0.408	0.212	0.592	0.516	0.538
	P95	0.513	1.176	3.974	0.813	1.659	0.803	0.613	0.562	0.408	0.212	0.592	0.516	0.513	1.176	3.974	0.855	1.58	0.803	0.644	0.536	0.408	0.212	0.592	0.516	0.538
Small Tier II	MEAN	1.835	2.652	0.09	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09	0.1	0.092	0.063	0.05	0.011	0.012	0.011	0.02	0.051	0.069
	P5	1.835	2.652	0.09	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09	0.1	0.092	0.063	0.05	0.011	0.012	0.011	0.02	0.051	0.069
	P95	1.835	2.652	0.09	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09	0.1	0.092	0.063	0.05	0.011	0.012	0.011	0.02	0.051	0.069
Tiber	MEAN																									
	P5																									
	P95																									
Turnbull	MEAN	1.618	3.58	4.206	2.985	1.161	0.013					0.005	1.618	3.58	4.206	3.139	1.106	0.013							0.005	1.697
	P5	1.618	3.58	4.206	2.985	1.161	0.013					0.005	1.618	3.58	4.206	3.139	1.106	0.013							0.005	1.697
	P95	1.618	3.58	4.206	2.985	1.161	0.013					0.005	1.618	3.58	4.206	3.139	1.106	0.013							0.005	1.697
Physical Instrument - Total	MEAN	3.967	7.407	8.27	3.893	2.917	0.879	0.661	0.574	0.42	0.223	0.612	0.572	2.198	4.855	8.27	4.093	2.778	0.879	0.694	0.547	0.42	0.223	0.612	0.572	2.305
	P5	3.967	7.407	8.27	3.893	2.917	0.879	0.661	0.574	0.42	0.223	0.612	0.572	2.198	4.855	8.27	4.093	2.778	0.879	0.694	0.547	0.42	0.223	0.612	0.572	2.305
	P95	3.967	7.407	8.27	3.893	2.917	0.879	0.661	0.574	0.42	0.223	0.612	0.572	2.198	4.855	8.27	4.093	2.778	0.879	0.694	0.547	0.42	0.223	0.612	0.572	2.305
Deer Creek Solar	MEAN	0.139	0.173	0.2	0.134	0.14	0.058	0.038	0.035	0.031	0.044	0.085	0.105	0.137	0.172	0.196	0.16	0.118	0.059	0.044	0.027	0.03	0.045	0.081	0.104	0.158
	P5	0.032	0.037	0.115	0.066	0.002	0.005	0.012	0.006	0.012	0.036	0.029	0.024	0.036	0.005	0.029	0.015	0.003	0.001	0.001	0.001	0.001	0.002	0.009	0.027	0.019
	P95	0.236	0.291	0.257	0.175	0.259	0.121	0.107	0.082	0.086	0.114	0.173	0.189	0.237	0.286	0.261	0.211	0.227	0.122	0.13	0.059	0.106	0.118	0.166	0.189	0.27
Distributed Generation	MEAN	0.422	0.514	0.519	0.369	0.418	0.189	0.169	0.17	0.318	0.451	0.189	0.431	0.544	0.562	0.481	0.376	0.209	0.146	0.176	0.099	0.332	0.336	0.336	0.578	
	P5	0.131	0.042	0.01	0.015	0.083	0.079	0.123	0.109	0.105	0.082	0.19	0.133	0.16	0.058	0.014	0.009	0.081	0.092	0.146	0.095	0.12	0.087	0.197	0.138	0.205
	P95	0.963	1.048	1.053	0.828	1.176	1.783	2	2.194	2.414	1.554	1.797	1.644	0.743	1.166	1.065	0.918	1.068	1.774	2.12	2.096	2.289	1.615	1.779	1.622	8.06
Fairfield	MEAN	0.521	0.925	0.778	0.665	0.909	1.472	1.647	1.81	1.955	1.193	1.479	1.41	0.527	0.92	0.779	0.707	0.858	1.48	1.739	1.705	1.947	1.206	1.48	1.4	0.55
	P5	0.293	0.681	0.577	0.479	0.71	1.219	1.566	0.887	1.56	1.168	1.579	1.168	0.529	0.68	0.59	0.532	0.689	1.195	1.371	1.369	1.514	0.849	1.201	1.189	0.336
	P95	0.735	1.134	1.053	0.828	1.176	1.783	2	2.194	2.414	1.554	1.797	1.644	0.743	1.166	1.065	0.918	1.068	1.774	2.12	2.096	2.289	1.615	1.779	1.622	8.06
Gordon Butte	MEAN	1.026	1.199	0.813	0.646	1.036	1.524	2.061	2.186	2.613	1.802	2.161	1.448	1.532	1.194	0.813	0.689	0.975	2.152	2.595	1.929	1.689	1.532	1.437	1.073	0.735
	P5	0.658	0.787	0.493	0.392	0.731	1.187	1.725	1.966	2.198	1.217	1.375	1.073	0.682	0.817	0.523	0.394	0.648	1.211	1.777	1.723	2.171	1.157	1.437	1.073	0.735
	P95	1.398	1.584	1.209	0.902	1.463	1.889	2.381	1.668	2.111	1.568	2.124	1.766	1.634	1.594	1.164	1.024	1.133	1.451	2.492	2.508	2.944	2.104	2.139	1.777	1.454
Green Meadow Solar	MEAN	0.127	0.148	0.182	0.104	0.129	0.048	0.037	0.032	0.031	0.039	0.087	0.094	0.121	0.148	0.178	0.128	0.107	0.048	0.043	0.025	0.031	0.039	0.084	0.094	0.145
	P5	0.022	0	0.087	0.014	0.002	0.003	0.014	0.013	0.012	0.01	0.019	0.034	0.001	0.014	0.073	0.017	0	0.004	0.015	0.011	0.001	0.006	0.016	0.011	0.009
	P95	0.202	0.274	0.242	0.157	0.245	0.107	0.074	0.067	0.057	0.084	0.16	0.191	0.186	0.268	0.248	0.194	0.212	0.105	0.086	0.045	0.065	0.089	0.153	0.177	0.222
Greenfield	MEAN	3.045	2.882	2.394	2.228	3.332	4.618	4.554	2.71	3.762	3.12	3.698	2.938	2.339	2.342	2.711	3.289	4.848	3.967	4.535	3.737	3.342	3.145	3.212	3.212	3.212
	P5	2.354	2.288	1.699	1.524	2.057	2.663	3.952	3.308	3.525	1.735	3.005	2.41	2.4	2.324	1.601	1.653	2.155	2.516	4.073	3.015	3.444	1.758	3.088	2.45	2.565
	P95	3.703	3.448	3.144	2.942	3.543	4.016	5.341	5.129	5.551	3.557	4.591	3.945	3.945	3.515	3.073	3.456	4.006	5.514	4.864	5.498	3.487	4.635	3.873	3.891	3.891
Judith Gap	MEAN	13.472	11.881	9.343	9.698	11.606	16.571	21.432	24.948	28.846	18.242	18.031	15.569	13.599	11.854	9.285	10.339	10.88	16.712	22.624	23.548	28.663	18.284	17.952	15.365	14.23
	P5	8.533	7.403	6.057	6.224	7.803	12.505	17.226	20.961	24.297	13.767	12.647	11.672	9.718	7.653	5.996	6.702	6.718	12.021	17.894	18.889	23.41	13.121	13.494	11.817	9.758
	P95	17.715	16.057	14.115	13.137	16.505	21.052	26.031	29.448	34.502	22.771	22.947	20.02	17.678	16.251	14.144	15.083	14.539	20.763	26.707	27.768	33.641	23.018	22.213	18.681	19.399
Musselshell 1	MEAN	0.664	0.778	0.508	0.508	0.69	0.833	1.113	1.251	1.478	1.109	0.668	0.833	1.113	1.251	1.478	1.109	0.668	0.833	1.113	1.251	1.478	1.109	0.668	0.833	1.113
	P5	0.41	0.545	0.337	0.329	0.508	0.577	0.792	0.907	1.083	0.972															

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2026-06	2026-07	2026-08	2026-09	2026-10	2026-11	2026-12	2027	2027-02	2027-03	2027-04	2027-05	2027-06	2027-07	2027-08	2027-09	2027-10	2027-11	2027-12	2028	2028-02	2028-03	2028-04	2028-05	2028-06		
Basin Creek	MEAN		0.144	1.034	0.234	0.081	0.517	1.146	1.004	0.507	0.355	0.12	0.022		0.126	1.169	0.226	0.089	0.505	1.129	1.023	0.673	0.401	0.161	0.017			
	P5		0.	0.145	0.	0.	0.022	0.268	0.134	0.022	0.	0.	0.		0.	0.216	0.	0.	0.022	0.224	0.145	0.089	0.	0.	0.			
	P95		0.706	2.189	0.961	0.346	1.299	2.284	2.31	1.498	1.067	0.506	0.134		0.638	2.095	0.808	0.335	1.269	2.472	2.369	1.549	1.067	0.713	0.056			
CELP	MEAN																											
	P5																											
	P95																											
Colstrip 3	MEAN	2.932	21.693	28.035	27.479	28.845	31.873	31.779	33.778	28.041	28.058	21.857	17.02	11.191	22.495	28.337	28.033	31.171	30.649	31.175	32.404	28.376	28.676	22.417	16.941	11.801		
	P5	1.594	11.849	19.961	19.069	21.341	23.433	24.138	27.363	21.731	19.813	14.112	10.744	7.605	11.914	21.218	19.772	23.604	23.81	26.758	25.9	19.83	22.515	12.611	10.262	7.766		
	P95	5.579	31.392	33.316	32.953	33.481	36.327	35.975	37.775	31.321	32.623	27.676	24.323	18.181	31.392	33.373	33.291	34.986	34.392	33.924	35.958	32.243	32.915	30.553	25.831	22.057		
Colstrip 4	MEAN	11.317	21.76	28.011	28.22	28.187	31.758	31.699	34.131	28.247	27.674	22.005	17.056	11.338	22.687	28.264	28.535	30.519	30.514	30.494	32.541	28.661	27.934	23.276	2.347	1.323		
	P5	7.567	11.883	19.981	20.997	24.846	25.923	28.536	22.213	20.791	12.977	10.57	7.668	11.654	20.762	21.39	23.487	23.214	24.943	26.806	22.422	19.474	14.252	1.435	0.927			
	P95	21.951	31.392	33.332	33.187	33.555	36.212	35.531	37.432	31.306	32.58	27.633	25.045	18.423	31.428	33.354	33.484	34.825	34.183	33.694	36.062	32.327	32.915	30.866	3.862	2.607		
CX CCCT1	MEAN	19.855	36.485	48.693	45.152	56.526	64.294	63.63	69.65	57.889	60.326	48.561	34.478	19.734	35.892	48.636	45.217	59.764	60.995	59.159	65.661	59.751	60.848	52.403	33.999	20.869		
	P5	1.168	24.768	39.416	33.543	49.143	55.825	55.348	62.994	49.966	54.58	38.083	17.246	0.	21.446	40.41	34.466	50.54	54.186	53.386	56.941	52.051	54.854	43.607	12.631	2.164		
	P95	28.563	47.189	56.795	56.52	64.86	73.	70.091	75.511	65.839	65.839	56.586	51.801	30.837	48.413	56.15	55.582	66.844	67.285	65.658	73.091	65.754	66.977	60.133	49.917	31.555		
CX FrameCT1	MEAN																				3.45	1.408	0.35	0.052	0.02			
	P5																				0.	0.	0.	0.	0.			
	P95																				9.474	4.806	1.818	0.277	0.156			
CX Recip1	MEAN		0.211	1.292	0.928	1.268	2.191	2.735	2.905	2.021	1.594	0.337	0.039		0.215	1.373	0.991	1.408	2.146	2.606	2.818	2.171	1.609	0.395	0.03			
	P5		0.	0.867	0.281	0.366	1.386	1.947	1.981	1.097	0.816	0.026	0.		0.	0.833	0.349	0.536	1.369	1.802	1.87	1.352	0.978	0.085	0.			
	P95		0.68	1.836	1.751	2.227	3.137	3.485	3.706	2.831	2.227	0.689	0.187		0.689	1.904	1.692	2.406	2.865	3.383	3.825	2.899	2.27	0.816	0.204			
CX Recip10	MEAN																				2.931	2.259	1.681	0.411	0.031			
	P5																				1.939	1.029	0.089	0.				
	P95																				3.958	3.805	2.356	0.85	0.212			
CX Recip2	MEAN	0.214	1.297	0.926	1.265	2.195	2.735	2.884	2.021	1.59	0.337	0.04		0.215	1.382	0.994	1.411	2.141	2.605	2.807	2.171	1.602	0.395	0.03				
	P5	0.	0.876	0.281	0.417	1.411	1.947	1.972	1.182	0.876	0.026	0.		0.	0.867	0.332	0.519	1.369	1.802	1.87	1.352	0.986	0.085	0.				
	P95	0.689	1.862	1.743	2.21	3.128	3.511	3.706	2.788	2.227	0.689	0.187		0.689	1.904	1.692	2.397	2.916	3.383	3.817	2.839	2.236	0.816	0.204				
CX Recip3	MEAN	0.216	1.286	0.924	1.279	2.189	2.742	2.9	2.018	1.594	0.336	0.04		0.215	1.374	0.999	1.412	2.149	2.598	2.805	2.172	1.61	0.399	0.03				
	P5	0.	0.867	0.281	0.417	1.386	1.87	1.981	1.08	0.85	0.026	0.		0.	0.867	0.349	0.536	1.36	1.853	1.802	1.352	0.995	0.077	0.				
	P95	0.731	1.887	1.751	2.227	3.137	3.485	3.698	2.856	2.202	0.689	0.187		0.646	1.904	1.692	2.338	2.916	3.375	3.791	2.899	2.244	0.816	0.204				
CX Recip4	MEAN	0.214	1.295	0.925	1.269	2.193	2.739	2.907	2.015	1.593	0.339	0.039		0.214	1.382	0.983	1.404	2.14	2.598	2.823	2.162	1.613	0.394	0.03				
	P5	0.	0.842	0.264	0.383	1.411	1.904	1.913	1.08	0.876	0.026	0.		0.	0.825	0.349	0.536	1.36	1.853	1.87	1.284	0.986	0.085	0.				
	P95	0.734	1.853	1.751	2.227	3.043	3.485	3.681	2.856	2.227	0.689	0.187		0.68	1.904	1.624	2.355	2.916	3.4	3.825	2.89	2.27	0.816	0.204				
CX Recip5	MEAN	0.273	1.403	0.996	1.383	2.359	3.149	3.268	3.149	2.175	1.724	0.368	0.043		0.234	1.496	1.071	1.525	2.318	2.832	2.324	1.739	0.429	0.032				
	P5	0.	0.892	0.304	0.414	1.527	2.024	2.144	1.279	0.948	0.028	0.		0.	0.938	0.35	0.58	1.463	1.978	2.024	1.435	1.076	0.083	0.				
	P95	0.8	2.015	1.886	2.374	3.376	3.8	4.002	3.091	2.383	0.745	0.202		0.745	2.061	1.831	2.539	3.156	3.708	4.14	3.091	2.438	0.883	0.221				
CX Recip6	MEAN																				3.039	2.339	1.751	0.429	0.032			
	P5																				2.024	1.463	1.067	0.092	0.			
	P95																				4.14	3.128	2.447	0.883	0.221			
CX Recip7	MEAN																				3.048	2.349	1.744	0.427	0.031			
	P5																				2.024	1.463	1.076	0.092	0.			
	P95																				4.103	3.137	2.438	0.883	0.221			
CX Recip8	MEAN																				2.827	2.173	1.617	0.395	0.03			
	P5																				1.87	1.352	0.995	0.085	0.			
	P95																				3.825	2.899	2.227	0.816	0.204			
CX Recip9	MEAN																				2.81	2.175	1.613	0.394	0.03			
	P5																				1.836	1.352	0.978	0.085	0.			
	P95																				3.766	2.856	2.27	0.816	0.204			
David Gates Generating Station	MEAN	9.12	10.21	15.465	12.547	11.115	14.718	17.744	17.09	12.669	12.285	10.346	10.541	9.12	10.168	16.017	12.785	11.81	14.271	17.015	16.678	13.8	12.441	11.154	10.036	9.12		
	P5	9.12	9.36	12.315	9.85	9.46	11.33	13.615	14.37	9.89	10.06	9.12	10.32	9.12	9.36	13.203	10.338	10.253	11.25	13.635	13.328	10.818	10.01	9.7	9.84	9.12		

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2026-06	2026-07	2026-08	2026-09	2026-10	2026-11	2026-12	2027	2027-02	2027-03	2027-04	2027-05	2027-06	2027-07	2027-08	2027-09	2027-10	2027-11	2027-12	2028	2028-02	2028-03	2028-04	2028-05	2028-06
Falls	MEAN	18.775	18.05	11.521	9.169	10.649	13.548	14.308	14.275	11.83	12.959	17.456	20.418	19.503	16.817	11.541	9.701	10.816	12.276	13.464	13.886	11.605	13.05	18.062	21.75	19.306
	P5	29.577	29.901	17.841	15.76	17.129	21.42	23.294	23.038	19.829	21.373	28.183	36.374	30.565	29.405	17.897	15.672	18.04	20.404	22.353	21.405	19.599	21.197	29.58	34.076	31.388
	P95	113.126	103.236	90.071	80.234	76.779	87.497	89.367	92.204	79.175	87.757	99.542	123.796	112.859	103.393	90.087	80.291	80.815	83.306	84.844	87.719	78.654	87.743	104.877	118.07	112.992
Hydro - Total	MEAN	113.126	103.236	90.071	80.234	76.779	87.497	89.367	92.204	79.175	87.757	99.542	123.796	112.859	103.393	90.087	80.291	80.815	83.306	84.844	87.719	78.654	87.743	104.877	118.07	112.992
	P5	82.659	78.29	67.995	58.594	57.499	68.941	65.11	66.973	56.586	64.511	73.592	84.785	85.06	72.798	67.986	61.431	59.557	61.15	62.363	66.88	56.201	65.349	76.712	92.703	85.747
	P95	144.224	137.905	112.769	105.256	98.95	118.13	120.788	127.57	108.09	119.941	132.476	168.369	148.419	135.936	106.204	104.559	110.428	117.754	118.232	106.694	120.305	141.389	158.263	155.24	
Load	MEAN	-193.276	-206.833	-214.312	-197.719	-190.699	-236.312	-250.138	-242.373	-217.958	-206.467	-194.06	-212.705	-196.401	-207.84	-219.017	-200.038	-206.757	-226.978	-239.56	-231.597	-214.015	-209.45	-209.99	-204.368	-199.32
	P5	-196.594	-215.894	-219.847	-201.821	-195.247	-242.283	-260.579	-254.89	-226.05	-214.63	-198.996	-217.481	-199.191	-215.674	-225.806	-204.238	-212.223	-232.65	-248.394	-245.69	-222.022	-217.071	-215.612	-208.498	-202.372
	P95	-189.666	-199.407	-209.588	-193.544	-185.405	-230.064	-259.523	-226.108	-209.523	-198.846	-189.268	-208.523	-193.651	-201.182	-212.554	-195.943	-201.311	-221.383	-230.921	-216.224	-205.539	-203.293	-205.412	-200.415	-196.763
Small QF1	MEAN	1.117	3.779	0.855	1.465	0.694	0.523	0.422	0.308	0.101	0.455	0.406	0.419	1.008	3.67	0.74	1.465	0.73	0.498	0.401	0.294	0.101	0.455	0.427	0.01	0.009
	P5	1.117	3.779	0.855	1.465	0.694	0.523	0.422	0.308	0.101	0.455	0.406	0.419	1.008	3.67	0.74	1.465	0.73	0.498	0.401	0.294	0.101	0.455	0.427	0.01	0.009
	P95	1.117	3.779	0.855	1.465	0.694	0.523	0.422	0.308	0.101	0.455	0.406	0.419	1.008	3.67	0.74	1.465	0.73	0.498	0.401	0.294	0.101	0.455	0.427	0.01	0.009
Small Tier II	MEAN	0.094	0.086	0.1	0.092	0.063	0.05	0.011	0.013	0.011	0.019	0.051	0.069	0.094	0.086	0.1	0.092	0.066	0.048	0.01	0.012	0.011	0.019	0.054	0.066	0.094
	P5	0.094	0.086	0.1	0.092	0.063	0.05	0.011	0.013	0.011	0.019	0.051	0.069	0.094	0.086	0.1	0.092	0.066	0.048	0.01	0.012	0.011	0.019	0.054	0.066	0.094
	P95	0.094	0.086	0.1	0.092	0.063	0.05	0.011	0.013	0.011	0.019	0.051	0.069	0.094	0.086	0.1	0.092	0.066	0.048	0.01	0.012	0.011	0.019	0.054	0.066	0.094
Tiber	MEAN																									
	P5																									
	P95																									
Turnbull	MEAN	3.401	4.	3.139	1.106	0.013						0.005	1.697	3.401	4.	3.139	1.106	0.014						0.005	1.618	3.401
	P5	3.401	4.	3.139	1.106	0.013						0.005	1.697	3.401	4.	3.139	1.106	0.014						0.005	1.618	3.401
	P95	3.401	4.	3.139	1.106	0.013						0.005	1.697	3.401	4.	3.139	1.106	0.014						0.005	1.618	3.401
Physical Instrument - Total	MEAN	4.612	7.866	4.093	2.663	0.77	0.573	0.433	0.32	0.112	0.474	0.463	2.185	4.503	7.757	3.978	2.663	0.81	0.545	0.412	0.305	0.111	0.474	0.485	1.694	3.504
	P5	4.612	7.866	4.093	2.663	0.77	0.573	0.433	0.32	0.112	0.474	0.463	2.185	4.503	7.757	3.978	2.663	0.81	0.545	0.412	0.305	0.111	0.474	0.485	1.694	3.504
	P95	4.612	7.866	4.093	2.663	0.77	0.573	0.433	0.32	0.112	0.474	0.463	2.185	4.503	7.757	3.978	2.663	0.81	0.545	0.412	0.305	0.111	0.474	0.485	1.694	3.504
Deer Creek Solar	MEAN	0.143	0.166	0.159	0.119	0.058	0.044	0.027	0.036	0.043	0.067	0.1	0.156	0.14	0.164	0.157	0.121	0.071	0.037	0.02	0.029	0.041	0.068	0.125	0.133	0.141
	P5	0.022	0.097	0.071	0.	0.007	0.008	0.009	0.001	0.004	0.005	0.012	0.018	0.016	0.008	0.007	0.001	0.005	0.005	0.008	0.008	0.003	0.008	0.038	0.019	0.016
	P95	0.251	0.22	0.209	0.23	0.112	0.108	0.062	0.117	0.118	0.14	0.187	0.268	0.252	0.219	0.207	0.227	0.144	0.093	0.048	0.103	0.113	0.137	0.224	0.234	0.247
Distributed Generation	MEAN	0.495	0.508	0.518	0.414	0.225	0.236	0.156	0.231	0.22	0.296	0.362	0.523	0.236	0.549	0.554	0.451	0.299	0.206	0.132	0.204	0.23	0.311	0.489	0.569	0.585
	P5	0.041	0.011	0.013	0.063	0.107	0.16	0.103	0.153	0.11	0.186	0.15	0.248	0.054	0.012	0.024	0.084	0.119	0.142	0.094	0.141	0.109	0.183	0.232	0.168	0.056
	P95	1.461	1.135	1.161	0.879	0.386	0.34	0.213	0.335	0.462	0.447	0.7	1.346	1.587	1.209	1.197	0.965	0.505	0.291	0.177	0.307	0.419	0.47	0.802	1.345	1.763
Fairfield	MEAN	0.874	0.74	0.706	0.865	1.474	1.731	1.684	2.028	1.195	1.401	1.401	0.56	0.86	0.734	0.716	0.866	1.548	1.641	1.632	1.867	1.188	1.399	1.493	0.521	0.869
	P5	0.644	0.535	0.483	0.635	1.125	1.338	1.276	1.604	0.896	1.133	1.232	0.186	0.345	1.123	1.186	0.562	1.013	0.712	0.313	1.273	1.269	1.441	0.856	0.503	0.658
	P95	1.088	0.968	0.944	1.081	1.717	2.161	2.061	2.372	1.657	1.652	1.669	0.783	1.107	0.951	0.948	1.057	1.883	1.982	2.	2.263	1.515	1.728	1.755	0.749	1.125
Gordon Butte	MEAN	1.135	0.756	0.693	0.985	1.518	2.159	2.138	2.703	1.657	1.717	1.642	1.093	0.76	0.7	0.993	1.598	2.046	2.043	2.465	1.605	1.762	1.71	1.533	1.032	1.13
	P5	0.765	0.467	0.423	0.565	1.074	1.748	1.746	2.29	1.253	1.332	1.108	0.736	0.805	0.534	0.414	0.736	1.251	1.618	1.641	2.019	1.178	1.284	1.106	0.68	0.826
	P95	1.452	1.1	0.981	1.338	1.834	2.544	2.49	3.069	2.095	2.058	1.815	1.481	1.484	1.484	1.034	1.334	1.989	2.043	2.4	2.784	1.952	2.133	1.959	1.367	1.48
Green Meadow Solar	MEAN	0.124	0.151	0.125	0.109	0.048	0.043	0.025	0.037	0.04	0.07	0.092	0.144	0.114	0.15	0.121	0.109	0.059	0.035	0.019	0.03	0.038	0.069	0.115	0.118	0.116
	P5	0.	0.07	0.006	0.001	0.004	0.016	0.011	0.012	0.01	0.015	0.021	0.	0.063	0.001	0.002	0.006	0.014	0.009	0.01	0.009	0.014	0.026	0.018	0.001	0.001
	P95	0.236	0.208	0.194	0.214	0.097	0.075	0.046	0.08	0.088	0.113	0.184	0.216	0.212	0.208	0.188	0.209	0.123	0.073	0.035	0.063	0.087	0.128	0.222	0.185	0.213
Greenfield	MEAN	2.768	2.289	2.343	2.727	3.343	4.822	3.955	4.717	2.768	3.135	3.264	2.659	3.507	3.564	2.659	3.507	4.578	3.8	4.372	2.779	3.548	3.022	3.102	2.741	3.401
	P5	2.116	1.607	1.548	2.087	2.775	3.978	3.005	3.715	2.019	2.772	2.458	2.398	2.097	1.503	1.707	1.92	2.784	3.868	3.	3.527	2.025	2.86	2.448	2.357	2.227
	P95	3.348	2.948	3.094	3.409	4.081	5.506	4.993	5.74	3.493	4.372	3.869	4.1	3.278	2.754	3.1	3.391	4.214	5.194	4.554	5.321	3.557	4.23	4.026	3.757	3.401
Judith Gap	MEAN	11.141	8.727	10.395	11.023	16.486	22.521	23.203																		
	P5	7.219	5.462	6.322	6.974	12.009	17.957	18.566																		
	P95	15.672	12.406	14.794	14.987	20.384	27.43	27.744																		
Musselshell 1	MEAN	0.733	0.477	0.54	0.658	0.831	1.172	1.147	1.524	1.245	0.991	1.101	0.708	0.721	0.473	0.548	0.658	0.874	1.108	1.121	1.405	1.23	0.986	1.179	0.662	0.731
	P5	0.503	0.304	0.335	0.436	0.54	0.797	0.743	1.112	0.996	0.718	0.879	0.467	0.531	0.322	0.369	0.494	0.639	0.767	0.771	1.005	0.974	0.679	0.91	0.43	0.522
	P95	0.954	0.661	0.774	0.867	1.041	1.546																			

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2028-07	2028-08	2028-09	2028-10	2028-11	2028-12	2029	2029-02	2029-03	2029-04	2029-05	2029-06	2029-07	2029-08	2029-09	2029-10	2029-11	2029-12	2030	2030-02	2030-03	2030-04	2030-05	2030-06	2030-07	
Basin Creek	MEAN	0.195	0.986	0.282	0.113	0.428	1.266	0.977	0.536	0.432	0.106	0.013		0.268	0.999	0.272	0.131	0.458	1.266	0.99	0.59	0.453	0.128	0.021		0.24	
	P5	0.	0.112	0.	0.	0.	0.32	0.138	0.011	0.	0.	0.		0.134	0.	0.	0.	0.045	0.	0.101	0.	0.045	0.	0.		0.	
	P95	0.899	2.101	0.967	0.603	1.372	2.978	2.24	1.469	1.209	0.506	0.078		1.172	2.129	1.062	0.655	1.453	3.088	2.381	1.514	1.449	0.476	0.112		0.845	
CELP	MEAN																										
	P5																										
	P95																										
Colstrip 3	MEAN	24.037	26.791	28.597	30.569	30.885	34.433	32.884	28.247	28.665	23.478	1.075	2.827	24.52	27.246	30.122	29.633	30.844	34.19	33.858	28.219	30.34	22.422	17.594	13.822	23.65	
	P5	12.648	19.988	21.135	21.353	24.142	28.165	26.498	21.813	15.772	0.215		1.793	12.518	20.875	30.941	23.093	24.42	28.34	27.62	22.697	22.042	13.286	10.322	8.579	13.458	
	P95	34.582	31.928	33.963	35.28	34.879	37.601	35.918	31.517	32.945	30.719	1.928	5.212	34.692	32.346	35.852	33.294	34.886	37.829	35.963	31.622	34.935	28.761	25.694	24.442	32.993	
Colstrip 4	MEAN	24.345	26.868	28.396	30.526	30.824	33.906	32.428	28.145	28.273	23.462	1.71	12.006	24.769	27.151	30.623	29.215	31.236	34.354	32.683	28.257	29.839	22.553	17.389	12.898	24.184	
	P5	12.495	20.142	21.998	24.289	24.289	27.929	26.382	21.462	21.72	15.787	10.325	7.88	11.382	19.898	22.55	22.608	25.649	28.631	26.633	22.762	23.705	15.213	10.12	8.18	12.96	
	P95	34.751	32.339	33.525	35.213	34.821	37.69	35.905	31.707	33.063	30.719	25.975	20.742	34.728	32.725	35.741	33.462	34.891	37.654	35.958	31.622	34.935	29.05	25.579	24.442	33.096	
CX CCCT1	MEAN	39.828	46.05	45.013	60.477	60.465	65.872	83.432	68.909	54.089	21.904	6.365	0.711	30.383	67.188	74.701	72.915	78.854	92.748	83.004	69.526	56.132	22.721	6.753	1.047	29.649	
	P5	23.384	38.195	34.012	52.245	53.161	55.442	65.338	50.242	39.552	9.784	1.15	0.	19.289	52.934	49.661	56.006	59.778	75.047	68.116	55.02	42.088	8.907	0.308	0.	16.386	
	P95	52.576	53.688	54.031	67.368	67.809	74.388	94.967	80.915	67.482	36.687	16.014	2.166	45.389	78.43	89.576	86.894	93.799	103.72	97.58	82.216	70.21	40.812	14.635	3.612	43.068	
CX FrameCT1	MEAN	0.439	2.624	0.355	0.059	0.659	1.887	3.292	1.128	0.411	0.022	0.018		0.448	2.555	0.296	0.027	0.624	1.907	3.311	1.284	0.477	0.039	0.029	0.001	0.552	
	P5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		0.	0.088	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	P95	1.83	5.434	2.157	0.061	4.503	6.445	8.488	3.808	2.487	0.159	0.123		1.921	5.905	1.57	0.	4.241	8.023	8.215	3.964	2.485	0.285	0.158	0.	2.106	
CX FrameCT2	MEAN																										
	P5																										
	P95																										
CX Recip1	MEAN	0.304	1.346	1.03	1.522	2.222	2.929	2.929	2.893	2.157	1.64	0.351	0.043	0.368	1.818	1.099	1.496	2.239	2.971	2.627	2.167	1.088	0.052	0.333			
	P5	0.	0.859	0.315	0.638	1.437	2.057	1.998	1.505	0.986	0.043	0.		0.672	0.323	0.527	1.394	2.083	2.108	1.284	1.105	0.051	0.			0.	
	P95	0.876	1.904	1.743	2.576	3.018	3.791	3.664	2.839	2.304	0.782	0.238		1.054	1.867	1.811	2.499	3.026	3.579	3.757	2.975	2.695	0.927	0.238		0.901	
CX Recip10	MEAN	0.315	1.406	1.071	1.582	2.315	3.057	2.896	2.145	1.649	0.352	0.042		0.37	1.31	1.109	1.5	2.249	2.974	2.96	2.179	1.811	0.411	0.052		0.332	
	P5	0.	0.865	0.302	0.668	1.457	2.162	1.998	1.445	1.054	0.043	0.		0.672	0.349	0.527	1.394	1.972	2.1	1.309	1.108	0.051	0.			0.332	
	P95	0.909	1.982	1.808	2.66	3.131	3.933	3.63	2.831	2.304	0.782	0.238		1.054	1.827	1.828	2.499	3.094	3.63	3.808	2.958	2.695	0.927	0.238		0.901	
CX Recip2	MEAN	0.301	1.359	1.025	1.521	2.222	2.924	2.884	2.145	1.645	0.349	0.043		0.371	1.312	1.11	1.485	2.251	2.965	2.951	2.166	1.798	0.409	0.053		0.333	
	P5	0.	0.859	0.315	0.655	1.352	2.091	1.998	1.428	1.054	0.043	0.		0.672	0.349	0.527	1.394	2.117	2.04	1.275	1.105	0.051	0.			0.	
	P95	0.876	1.904	1.743	2.576	3.026	3.757	3.664	2.839	2.295	0.782	0.238		1.054	1.887	1.828	2.499	3.086	3.613	3.8	2.882	2.652	0.901	0.238		0.901	
CX Recip3	MEAN	0.296	1.354	1.033	1.522	2.218	2.942	2.881	2.151	1.652	0.351	0.042		0.366	1.312	1.109	1.497	2.254	2.973	2.965	2.178	1.815	0.409	0.051		0.328	
	P5	0.	0.859	0.272	0.655	1.335	2.091	1.998	1.428	1.054	0.043	0.		0.672	0.349	0.519	1.394	1.972	2.108	1.284	1.108	0.051	0.			0.	
	P95	0.867	1.904	1.743	2.576	3.026	3.8	3.63	2.797	2.304	0.782	0.238		1.054	1.87	1.828	2.406	3.086	3.655	3.715	2.958	2.695	0.927	0.238		0.884	
CX Recip4	MEAN	0.304	1.351	1.027	1.522	2.225	2.933	2.89	2.154	1.636	0.35	0.043		0.368	1.314	1.097	1.489	2.233	2.983	2.965	2.156	1.807	0.407	0.05		0.33	
	P5	0.	0.859	0.315	0.655	1.369	2.066	1.989	1.513	1.054	0.043	0.		0.672	0.349	0.476	1.394	1.934	1.998	2.066	1.309	1.097	0.051	0.		0.	
	P95	0.876	1.93	1.658	2.584	3.018	3.8	3.936	2.839	2.304	0.782	0.238		1.054	1.853	1.828	2.499	3.086	3.655	3.808	2.89	2.652	0.927	0.196		0.893	
CX Recip5	MEAN	0.326	1.453	1.123	1.645	2.414	3.164	3.137	2.327	1.707	0.378	0.046		0.397	1.423	1.204	1.613	2.426	3.221	3.211	2.351	1.956	0.441	0.056		0.359	
	P5	0.	0.865	0.34	0.708	1.546	2.226	2.153	1.564	1.141	0.046	0.		0.727	0.368	0.561	1.509	2.291	2.245	1.389	1.187	0.055	0.			0.	
	P95	0.938	2.042	1.886	2.778	3.275	4.112	3.892	3.073	2.484	0.846	0.258		1.132	2.024	1.978	2.631	3.202	3.956	4.122	3.202	2.898	0.984	0.258		0.975	
CX Recip6	MEAN	0.329	1.46	1.115	1.649	2.412	3.175	3.137	2.324	1.779	0.378	0.045		0.397	1.434	1.2	1.617	2.425	3.214	3.212	2.358	1.965	0.443	0.055		0.353	
	P5	0.	0.865	0.34	0.681	1.555	2.236	2.144	1.619	1.113	0.046	0.		0.727	0.377	0.57	1.509	2.272	2.272	1.417	1.196	0.055	0.			0.	
	P95	0.948	2.061	1.886	2.788	3.275	4.094	3.864	3.073	2.493	0.837	0.258		1.141	2.033	1.978	2.705	3.349	3.956	4.122	3.211	2.87	1.003	0.258		0.975	
CX Recip7	MEAN	0.327	1.464	1.117	1.649	2.401	3.178	3.12	2.318	1.778	0.376	0.046		0.401	1.425	1.19	1.625	2.434	3.233	3.222	2.357	1.959	0.442	0.057		0.356	
	P5	0.	0.929	0.34	0.708	1.546	2.263	2.162	1.582	1.141	0.046	0.		0.727	0.377	0.57	1.509	2.291	2.245	1.417	1.196	0.055	0.			0.	
	P95	0.948	2.062	1.886	2.778	3.266	4.066	3.956	3.018	2.493	0.846	0.258		1.132	2.024	1.978	2.705	3.349	3.947	4.066	3.128	2.907	1.003	0.258		0.957	
CX Recip8	MEAN	0.303	1.347	1.02	1.519	2.224	2.936	2.899	2.157	1.639	0.348</																

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2028-07	2028-08	2028-09	2028-10	2028-11	2028-12	2029	2029-02	2029-03	2029-04	2029-05	2029-06	2029-07	2029-08	2029-09	2029-10	2029-11	2029-12	2030	2030-02	2030-03	2030-04	2030-05	2030-06	2030-07
Falls	MEAN	20.665	10.858	9.361	11.155	12.495	15.708	13.749	12.656	13.423	18.973	19.91	19.072	19.846	11.17	9.848	11.243	12.249	14.895	13.698	12.875	14.349	17.412	20.903	20.186	19.071
	P5	31.858	17.562	15.448	18.649	20.347	23.857	21.688	19.595	21.233	28.227	33.116	30.763	32.757	17.388	16.344	17.368	20.125	23.626	21.37	20.163	22.319	27.073	33.782	32.31	31.501
	P95																									
Hydro - Total	MEAN	113.658	85.833	80.055	80.713	83.4	93.317	88.068	78.772	87.712	104.721	118.24	113.043	113.652	85.681	84.426	77.064	83.33	93.279	87.58	79.532	92.064	99.107	118.126	119.245	108.363
	P5	87.898	63.998	59.68	61.283	62.277	72.938	65.553	61.703	66.993	80.269	85.511	82.907	83.245	66.333	63.485	61.643	61.379	69.643	65.245	60.975	71.788	73.413	88.314	90.142	81.279
	P95	146.333	110.645	102.658	113.501	109.394	119.595	117.622	104.297	120.042	130.111	153.545	150.402	155.54	111.084	109.91	102.388	106.894	119.229	117.161	109.94	127.791	127.221	153.85	153.882	148.271
Load	MEAN	-241.07	-207.989	-203.264	-210.18	-230.584	-272.473	-233.867	-224.532	-213.245	-213.46	-207.654	-201.147	-242.497	-211.627	-218.708	-200.846	-233.216	-276.913	-237.863	-227.993	-229.334	-208.024	-210.334	-218.541	-252.171
	P5	-248.782	-212.794	-207.098	-215.561	-236.639	-282.999	-251.889	-232.663	-219.772	-219.031	-212.115	-203.559	-250.798	-217.431	-223.128	-205.192	-239.415	-285.945	-253.082	-235.434	-237.495	-208.024	-215.137	-221.205	-260.829
	P95	-231.997	-202.535	-199.4	-204.969	-225.286	-262.372	-216.168	-217.532	-206.321	-208.892	-203.924	-198.512	-233.744	-206.533	-214.64	-195.888	-225.857	-267.944	-223.452	-219.731	-222.304	-198.712	-206.701	-215.765	-224.026
Small QF I	MEAN	0.01	0.009	0.01	0.01	0.01	0.01	0.01	0.009	0.009	0.01	0.01	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.01	0.01	0.01
	P5	0.01	0.009	0.01	0.01	0.01	0.01	0.01	0.009	0.009	0.01	0.01	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.01	0.01	0.01
	P95	0.01	0.009	0.01	0.01	0.01	0.01	0.01	0.009	0.009	0.01	0.01	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.01	0.01	0.01
Small Tier II	MEAN	0.095	0.095	0.092	0.066	0.048	0.012	0.012	0.011	0.019	0.054	0.066	0.094	0.095	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09
	P5	0.095	0.095	0.092	0.066	0.048	0.012	0.012	0.011	0.019	0.054	0.066	0.094	0.095	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09
	P95	0.095	0.095	0.092	0.066	0.048	0.012	0.012	0.011	0.019	0.054	0.066	0.094	0.095	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09
Tiber	MEAN																									
	P5																									
	P95																									
Turnbull	MEAN	4.411	2.985	1.106	0.014				0.005	1.618	3.401	4.411	2.985	1.161	0.013							0.005	1.618	3.58	4.206	
	P5	4.411	2.985	1.106	0.014				0.005	1.618	3.401	4.411	2.985	1.161	0.013							0.005	1.618	3.58	4.206	
	P95	4.411	2.985	1.106	0.014				0.005	1.618	3.401	4.411	2.985	1.161	0.013							0.005	1.618	3.58	4.206	
Physical Instrument - Total	MEAN	4.516	3.089	1.208	0.089	0.057	0.022	0.022	0.02	0.028	0.069	1.694	3.504	4.516	3.089	1.268	0.085	0.057	0.022	0.022	0.02	0.03	0.065	1.694	3.689	4.306
	P5	4.516	3.089	1.208	0.089	0.057	0.022	0.022	0.02	0.028	0.069	1.694	3.504	4.516	3.089	1.268	0.085	0.057	0.022	0.022	0.02	0.03	0.065	1.694	3.689	4.306
	P95	4.516	3.089	1.208	0.089	0.057	0.022	0.022	0.02	0.028	0.069	1.694	3.504	4.516	3.089	1.268	0.085	0.057	0.022	0.022	0.02	0.03	0.065	1.694	3.689	4.306
Deer Creek Solar	MEAN	0.223	0.127	0.116	0.071	0.037	0.033	0.031	0.046	0.067	0.124	0.131	0.139	0.222	0.128	0.137	0.057	0.038	0.033	0.03	0.045	0.083	0.099	0.133	0.165	0.191
	P5	0.123	0.051	0.1	0.006	0.003	0.01	0.004	0.004	0.004	0.014	0.017	0.016	0.057	0.001	0.005	0.006	0.004	0.002	0.01	0.002	0.015	0.018	0.019	0.101	
	P95	0.289	0.171	0.224	0.15	0.106	0.078	0.095	0.12	0.138	0.22	0.235	0.243	0.294	0.171	0.262	0.114	0.109	0.067	0.099	0.109	0.17	0.189	0.236	0.286	0.256
Distributed Generation	MEAN	0.822	0.497	0.481	0.325	0.23	0.218	0.219	0.256	0.334	0.533	0.615	0.62	0.882	0.541	0.617	0.276	0.244	0.641	0.275	0.463	0.466	0.665	0.802	0.827	
	P5	0.026	0.031	0.079	0.143	0.156	0.138	0.153	0.117	0.195	0.225	0.24	0.062	0.04	0.019	0.126	0.125	0.16	0.168	0.155	0.116	0.256	0.211	0.252	0.083	
	P95	1.655	1.136	1.034	0.536	0.327	0.319	0.307	0.443	0.502	1.052	1.387	1.837	1.827	1.257	1.28	0.463	0.369	0.324	0.351	0.498	0.649	1.016	1.517	2.232	
Fairfield	MEAN	0.818	0.668	0.861	1.553	1.655	1.774	1.925	1.216	1.412	1.485	0.515	0.878	0.82	0.659	0.912	1.475	1.654	1.792	1.954	1.208	1.479	1.396	0.528	0.927	
	P5	0.656	0.495	0.688	1.221	1.361	1.383	1.587	0.903	1.383	1.258	0.733	1.196	0.785	0.733	1.196	1.345	1.585	1.915	1.175	1.187	1.331	1.196	0.731	0.586	
	P95	0.995	0.885	0.996	1.816	2.039	2.175	2.347	1.494	1.681	1.743	0.754	1.12	1.035	0.886	1.149	1.843	2.092	2.181	2.39	1.46	1.781	1.636	0.785	1.196	
Gordon Butte	MEAN	0.852	0.647	0.978	1.607	2.065	2.241	2.584	1.642	1.729	1.626	1.584	1.642	1.626	1.519	1.626	1.525	2.06	2.162	2.611	1.65	1.802	1.438	0.727	1.209	
	P5	0.555	0.391	0.639	1.166	1.739	1.777	2.226	1.275	1.295	1.193	0.669	0.805	0.499	0.425	0.724	1.071	1.674	1.872	2.204	1.291	1.335	1.082	0.725	0.845	
	P95	1.164	0.977	1.419	1.936	2.399	2.62	2.946	1.989	2.113	1.899	1.356	1.592	1.425	1.035	1.502	1.994	2.474	2.648	3.045	1.994	2.208	1.793	1.437	1.564	
Green Meadow Solar	MEAN	0.203	0.098	0.107	0.059	0.036	0.029	0.03	0.041	0.068	0.114	0.115	0.111	0.2	0.098	0.126	0.046	0.037	0.031	0.03	0.04	0.086	0.092	0.117	0.137	
	P5	0.087	0.002	0.	0.007	0.011	0.013	0.013	0.01	0.012	0.028	0.025	0.	0.068	0.005	0.001	0.006	0.012	0.014	0.025	0.	0.008	0.013	0.015	0.001	
	P95	0.275	0.154	0.207	0.127	0.072	0.057	0.059	0.092	0.124	0.216	0.178	0.194	0.282	0.155	0.242	0.089	0.086	0.056	0.057	0.084	0.156	0.178	0.182	0.245	
Greenfield	MEAN	2.423	2.256	2.706	3.459	4.604	4.156	4.589	2.729	3.604	3.316	3.08	2.48	2.46	2.159	2.834	3.3	4.62	3.147	4.509	2.726	3.773	3.736	3.077	2.881	
	P5	1.713	1.622	1.99	2.658	3.985	3.101	3.564	1.89	2.791	2.741	2.376	2.127	1.815	1.565	2.19	2.542	3.85	3.03	3.425	1.893	2.982	2.5	2.451		
	P95	3.148	2.974	3.474	4.167	5.212	5.193	5.472	3.607	4.425	4.051	3.828	3.446	3.242	3.058	3.634	3.956	5.261	5.175	5.396	3.647	4.504	3.672	3.686		
Judith Gap	MEAN																									
	P5																									
	P95																									
Musselshell 1	MEAN																									

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2030-08	2030-09	2030-10	2030-11	2030-12	2031	2031-02	2031-03	2031-04	2031-05	2031-06	2031-07	2031-08	2031-09	2031-10	2031-11	2031-12	2032	2032-02	2032-03	2032-04	2032-05	2032-06	2032-07	2032-08
Basin Creek	MEAN	1.036	0.277	0.111	0.498	1.363	1.019	0.569	0.446	0.172	0.016		0.199	1.086	0.392	0.118	0.539	1.443	1.024	0.724	0.463	0.188	0.024	0.21	1.304	
	PS	0.246	0.	0.011	0.328	0.011	0.123	0.	0.	0.101	0.		0.	0.101	0.	0.	0.045	0.123	0.034	0.	0.	0.	0.	0.	0.067	
	P95	2.118	0.965	0.443	1.504	3.072	2.448	1.83	1.258	0.703	0.112		0.802	2.547	1.554	0.559	1.615	3.981	2.405	1.691	1.273	0.788	0.134	0.93	2.994	
CELP	MEAN																									
	PS																									
	P95																									
Colstrip 3	MEAN	27.64	30.092	29.942	31.088	34.262	33.017	28.287	30.6	22.631	18.021	12.779	24.347	29.393	28.741	30.211	33.021	32.806	32.799	30.482	28.974	22.354	5.696	3.484	23.292	29.566
	PS	20.429	22.706	23.709	24.547	27.457	25.466	22.213	22.716	18.875	11.122	8.173	14.111	22.545	22.516	23.396	25.978	26.486	25.599	23.456	20.603	14.121	3.082	1.643	13.079	22.511
	P95	32.46	34.871	33.732	34.716	37.535	36.129	31.572	34.983	29.481	26.581	21.677	33.096	34.325	33.351	33.96	36.784	35.918	36.273	34.286	33.535	29.937	8.978	6.958	31.673	34.789
Colstrip 4	MEAN	27.648	30.657	29.477	31.231	34.048	32.814	28.416	30.027	22.883	4.857	3.223	24.281	29.33	29.185	29.863	33.003	32.483	32.78	30.734	28.978	22.742	18.816	13.064	23.426	29.334
	PS	21.468	23.12	23.012	25.533	27.993	27.23	21.776	23.152	14.455	2.698	2.187	12.834	20.762	22.772	23.276	26.356	27.057	26.351	23.576	22.219	14.362	10.836	8.786	12.806	21.132
	P95	32.498	35.439	33.678	34.674	37.449	36.066	31.519	35.089	29.225	27.519	5.939	33.096	34.325	33.485	33.904	36.755	35.708	36.246	34.28	33.418	29.699	27.471	23.468	31.493	34.688
CX CCCT1	MEAN	66.346	70.971	70.544	78.586	94.073	84.328	69.391	55.593	22.225	6.456	0.912	30.477	69.783	70.819	71.704	83.689	88.003	83.969	73.047	53.037	24.931	6.312	0.8	30.747	67.883
	PS	51.075	50.602	48.71	60.495	73.134	68.89	49.594	36.973	9.167	0.	0.	19.036	54.847	53.634	53.095	66.432	66.745	66.253	53.393	40.194	10.649	0.	0.	19.089	49.721
	P95	79.489	88.187	86.009	95.167	103.493	95.669	81.625	71.837	41.522	18.108	5.934	45.106	82.738	85.186	86.918	98.112	99.245	95.667	88.977	63.893	38.12	16.402	3.44	47.381	85.531
CX FrameCT1	MEAN	2.651	0.245	0.031	0.836	2.354	3.565	1.498	0.425	0.092	0.205	0.	0.437	2.492	0.466	0.	0.836	2.591	3.443	1.529	0.29	0.104	0.028	0.004	0.542	2.94
	PS	0.171	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.053	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	P95	6.328	1.902	0.	3.749	8.071	9.045	5.738	2.528	0.695	0.208	0.	1.55	5.498	3.177	0.	4.85	9.167	8.39	5.492	1.728	0.569	0.202	0.045	1.914	6.706
CX FrameCT2	MEAN	2.651	0.256	0.017	0.805	2.3	3.557	1.496	0.409	0.084	0.024	0.	0.447	2.513	0.466	0.	0.821	2.487	3.448	1.548	0.348	0.126	0.025	0.003	0.545	2.921
	PS	0.146	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.053	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	P95	6.291	1.982	0.	3.683	7.959	9.504	5.411	2.528	0.465	0.174	0.	1.601	5.929	3.105	0.	4.614	8.443	8.294	5.492	2.078	0.818	0.202	0.009	1.981	6.386
CX Recip1	MEAN	1.373	1.18	1.609	2.335	3.102	3.012	1.46	1.843	0.432	0.038	0.	0.321	1.46	1.181	1.641	2.486	3.019	2.486	1.797	0.486	0.052	0.34	1.534		
	PS	0.85	0.502	0.587	1.301	2.023	2.066	1.505	1.088	0.043	0.	0.	0.757	0.383	0.663	1.479	2.066	2.363	1.607	1.063	0.06	0.	0.	0.	0.	1.012
	P95	2.015	1.913	2.567	3.307	4.004	3.859	3.162	2.559	0.935	0.145	0.	0.884	2.261	2.162	2.576	3.613	3.859	3.936	3.23	2.508	1.012	0.238	0.867	2.066	
CX Recip10	MEAN	1.366	1.182	1.622	2.334	3.104	3.007	1.46	1.843	0.432	0.038	0.	0.322	1.464	1.193	1.644	2.493	3.032	3.113	2.484	1.814	0.486	0.052	0.341	1.533	
	PS	0.867	0.51	0.604	1.335	1.999	2.032	1.471	1.054	0.043	0.	0.	0.714	0.383	0.663	1.496	2.066	2.287	1.607	1.037	0.06	0.	0.	0.	0.	0.986
	P95	2.049	1.913	2.559	3.307	4.012	3.842	3.205	2.542	0.927	0.153	0.	0.889	2.261	2.21	2.652	3.655	3.859	3.885	3.23	2.516	1.012	0.238	0.867	2.066	
CX Recip2	MEAN	1.382	1.18	1.623	2.324	3.098	3.019	1.467	1.825	0.434	0.036	0.	0.322	1.467	1.186	1.634	2.487	2.995	3.091	2.487	1.798	0.479	0.052	0.337	1.535	
	PS	0.867	0.51	0.604	1.335	1.981	2.108	1.471	1.088	0.043	0.	0.	0.774	0.383	0.663	1.479	2.074	2.423	1.632	1.046	0.06	0.	0.	0.	0.	1.02
	P95	2.049	1.862	2.593	3.29	3.902	3.859	3.179	2.559	0.935	0.153	0.	0.893	2.261	2.049	2.601	3.553	3.808	3.927	3.179	2.508	0.961	0.238	0.867	2.04	
CX Recip3	MEAN	1.373	1.176	1.626	2.323	3.092	2.99	1.467	1.838	0.432	0.038	0.	0.314	1.461	1.181	1.636	2.496	3.036	3.114	2.489	1.816	0.486	0.052	0.34	1.544	
	PS	0.833	0.493	0.604	1.335	2.023	1.887	1.479	1.088	0.043	0.	0.	0.757	0.374	0.578	1.513	2.074	2.431	1.615	1.063	0.06	0.	0.	0.	0.	1.02
	P95	2.049	1.87	2.593	3.29	3.944	3.885	3.171	2.499	0.935	0.153	0.	0.893	2.219	2.134	2.652	3.655	3.859	3.936	3.23	2.508	1.012	0.238	0.867	2.083	
CX Recip4	MEAN	1.379	1.179	1.615	2.324	3.112	3.02	1.467	1.831	0.435	0.036	0.	0.322	1.458	1.188	1.632	2.48	3.027	3.123	2.478	1.802	0.485	0.049	0.336	1.537	
	PS	0.833	0.51	0.604	1.335	1.998	2.091	1.505	1.088	0.043	0.	0.	0.774	0.383	0.663	1.513	2.066	2.448	1.632	1.029	0.043	0.	0.	0.	0.	1.02
	P95	2.049	1.996	2.559	3.281	4.004	3.876	3.205	2.579	0.935	0.153	0.	0.884	2.202	2.108	2.652	3.63	3.834	3.927	3.23	2.508	0.969	0.213	0.808	2.083	
CX Recip5	MEAN	1.492	1.282	1.746	2.515	3.355	3.259	1.471	1.976	0.471	0.038	0.	0.348	1.588	1.285	1.765	2.7	3.263	3.369	2.681	1.954	0.529	0.056	0.366	1.662	
	PS	0.938	0.543	0.635	1.444	2.162	2.162	1.638	1.095	0.046	0.	0.	0.837	0.386	0.718	1.601	2.245	2.475	1.702	1.15	0.664	0.	0.	0.	0.	1.058
	P95	2.171	2.07	2.723	3.579	4.342	4.204	3.468	2.65	1.012	0.166	0.	0.966	2.429	2.309	2.843	3.91	4.168	4.26	3.496	2.723	1.095	0.258	0.938	2.236	
CX Recip6	MEAN	1.484	1.283	1.754	2.517	3.359	3.255	1.44	1.979	0.47	0.038	0.	0.342	1.575	1.286	1.771	2.694	3.271	3.35	2.68	1.959	0.531	0.058	0.368	1.656	
	PS	0.929	0.524	0.653	1.444	2.19	2.282	1.592	1.178	0.046	0.	0.	0.837	0.396	0.718	1.638	2.245	2.53	1.739	1.15	0.664	0.	0.	0.	0.	1.049
	P95	2.217	2.07	2.732	3.579	4.342	4.195	3.422	2.696	1.012	0.166	0.	0.948	2.41	2.392	2.852	3.956	4.177	4.195	3.386	2.723	1.086	0.258	0.938	2.18	
CX Recip7	MEAN	1.489	1.277	1.75	2.497	3.356	3.262	1.434	1.983	0.472	0.038	0.	0.345	1.592	1.289	1.768	2.693	3.273	3.359	2.68	1.957	0.527	0.057	0.362	1.665	
	PS	0.92	0.552	0.57	1.408	2.134	2.208	1.628	1.132	0.046	0.	0.	0.837	0.414	0.718	1.638	2.245	2.475	1.766	1.058	0.664	0.	0.	0.	0.	1.104
	P95	2.171	2.024	2.769	3.579	4.342	4.204	3.432	2.714	1.012	0.166	0.	0.957	2.447	2.382	2.842	3.836	4.177	4.168	3.441	2.714	1.04	0.258	0.92	2.254	
CX Recip8	MEAN	1.369	1.18	1.627	2.326	3.11	3.013	1.467	1.831	0.435	0.034	0.	0.319	1.473	1.188	1.638	2.489	3.017	3.114	2.48	1.811	0.491	0.052	0.337	1.535	
	PS	0.85	0.502	0.57	1.335	2.015	2.049	1.496	1.088	0.043	0.	0.	0.74	0.383	0.663	1.513	2.023	2.372	1.632	1.063	0.06	0.	0.	0.	0.	1.012
	P95	2.049	1.913	2.593	3.307	4.012	3.842	3.205	2.474	0.935	0.153	0.	0.876	2.261	2.193	2.652	3.597	3.842	3.927	3.205	2.457	1.012	0.238	0.867	2.04	
CX Recip9	MEAN	1.368	1.174	1.614	2.321	3.113	3.025	1.469	1.838	0.436	0.035	0.	0.321	1.463												

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2030-08	2030-09	2030-10	2030-11	2030-12	2031	2031-02	2031-03	2031-04	2031-05	2031-06	2031-07	2031-08	2031-09	2031-10	2031-11	2031-12	2032	2032-02	2032-03	2032-04	2032-05	2032-06	2032-07	2032-08	
Falls	PS	11.509	10.361	10.498	12.652	15.47	13.517	12.03	13.937	17.406	19.731	20.074	18.439	11.766	8.949	10.534	13.701	14.872	12.848	12.135	13.351	17.533	22.688	18.965	18.049	11.526	
	P95	17.776	16.065	16.911	20.836	25.04	21.191	19.537	21.39	27.99	33.593	31.714	32.691	18.165	15.508	17.16	21.169	21.972	21.415	20.481	20.6	27.435	35.287	30.283	29.108	18.315	
	MEAN	85.65	84.093	76.714	83.361	93.83	87.8	79.041	92.083	99.351	118.244	118.798	108.637	90.327	80.418	76.681	87.279	88.83	87.52	82.796	87.501	99.442	123.948	113.073	103.208	90.058	
Hydro - Total	PS	67.671	65.488	57.63	63.77	71.393	64.077	58.479	68.675	74.024	83.303	86.04	78.998	69.684	57.301	57.285	68.784	69.145	61.781	58.228	68.313	74.49	95.311	83.751	75.839	68.669	
	P95	114.455	108.541	98.802	113.343	133.457	114.312	101.979	120.189	131.353	154.565	158.794	153.568	114.639	106.268	100.233	112.92	109.425	114.802	108.712	114.627	128.228	167.402	146.129	134.154	114.467	
	MEAN	-215.958	-221.771	-203.932	-236.378	-280.461	-240.657	-231.402	-231.882	-206.144	-213.685	-221.044	-234.278	-232.593	-212.525	-206.477	-221.882	-253.724	-269.334	-244.71	-241.929	-221.875	-208.936	-229.807	-211.882	-222.284	-234.99
Load	PS	-220.536	-226.354	-208.853	-243.001	-289.358	-255.683	-238.515	-239.894	-211.323	-218.444	-224.386	-245.891	-238.55	-215.974	-211.131	-260.274	-278.088	-263.358	-249.099	-229.534	-213.405	-235.638	-214.974	-230.695	-240.928	
	P95	-210.392	-217.9	-199.418	-230.518	-271.82	-227.695	-224.161	-224.407	-200.701	-208.711	-218.448	-223.221	-227.036	-208.961	-201.589	-247.724	-258.86	-224.404	-225.289	-214.902	-204.053	-225.441	-209.492	-213.112	-228.484	
	MEAN	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.01	0.01	0.009	0.01	0.01	0.01	0.01	0.009	0.01	0.01	0.009	0.01	0.009	0.01
Small QF1	PS	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.01	0.01	0.009	0.01	0.01	0.01	0.01	0.009	0.01	0.01	0.009	0.01	0.009	0.01
	P95	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.01	0.01	0.009	0.01	0.01	0.01	0.01	0.009	0.01	0.01	0.009	0.01	0.009	0.01
	MEAN	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09	0.1	0.092	0.063	0.05	0.011	0.012	0.011	0.019	0.051	0.069	0.094	0.051	0.069	0.094
Small Tier II	PS	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09	0.1	0.092	0.063	0.05	0.011	0.012	0.011	0.019	0.051	0.069	0.094	0.051	0.069	0.094
	P95	0.095	0.097	0.063	0.048	0.012	0.012	0.011	0.02	0.051	0.066	0.099	0.09	0.1	0.092	0.063	0.05	0.011	0.012	0.011	0.019	0.051	0.069	0.094	0.051	0.069	0.094
	MEAN																										
Tiber	PS																										
	P95																										
	MEAN	2.985	1.161	0.013					0.005	1.618	3.58	4.206	3.139	1.106	0.013						0.005	1.697	3.401	4.	3.139		
Turnbull	PS	2.985	1.161	0.013					0.005	1.618	3.58	4.206	3.139	1.106	0.013						0.005	1.697	3.401	4.	3.139		
	P95	2.985	1.161	0.013					0.005	1.618	3.58	4.206	3.139	1.106	0.013						0.005	1.697	3.401	4.	3.139		
	MEAN	3.089	1.268	0.085	0.057	0.022	0.022	0.02	0.03	0.065	1.694	3.689	4.306	3.248	1.208	0.085	0.06	0.021	0.022	0.021	0.028	0.065	1.777	3.504	4.01	3.148	
Physical Instrument - Total	PS	3.089	1.268	0.085	0.057	0.022	0.022	0.02	0.03	0.065	1.694	3.689	4.306	3.248	1.208	0.085	0.06	0.021	0.022	0.021	0.028	0.065	1.777	3.504	4.01	3.148	
	P95	3.089	1.268	0.085	0.057	0.022	0.022	0.02	0.03	0.065	1.694	3.689	4.306	3.248	1.208	0.085	0.06	0.021	0.022	0.021	0.028	0.065	1.777	3.504	4.01	3.148	
	MEAN	0.126	0.135	0.057	0.038	0.032	0.031	0.045	0.083	0.102	0.131	0.16	0.189	0.153	0.116	0.056	0.043	0.026	0.028	0.053	0.067	0.097	0.153	0.133	0.158	0.149	
Deer Creek Solar	PS	0.05	0.	0.005	0.006	0.01	0.001	0.002	0.011	0.019	0.012	0.006	0.059	0.	0.004	0.005	0.009	0.001	0.004	0.006	0.024	0.022	0.004	0.002	0.054		
	P95	0.171	0.257	0.118	0.106	0.072	0.096	0.115	0.169	0.189	0.234	0.283	0.255	0.206	0.223	0.12	0.122	0.062	0.083	0.151	0.141	0.189	0.267	0.248	0.213	0.205	
	MEAN	0.591	0.666	0.301	0.271	0.26	0.304	0.496	0.505	0.759	0.603	0.857	0.905	0.759	0.603	0.326	0.344	0.229	0.277	0.396	0.432	0.532	0.91	0.793	0.814	0.82	
Distributed Generation	PS	0.018	0.103	0.134	0.176	0.162	0.161	0.13	0.284	0.218	0.24	0.088	0.026	0.038	0.117	0.133	0.233	0.147	0.178	0.168	0.247	0.248	0.313	0.071	0.016	0.047	
	P95	1.279	1.038	0.564	0.392	0.368	0.394	0.716	1.087	1.721	2.412	1.902	1.679	1.197	0.58	0.506	0.328	0.406	0.645	1.042	1.992	2.421	1.784	1.735			
	MEAN	0.666	0.915	1.476	1.658	1.765	1.955	1.215	1.469	1.417	0.516	0.926	0.764	0.701	0.876	1.469	1.716	1.698	1.967	1.273	1.412	1.412	0.546	0.875	0.744	0.692	
Fairfield	PS	0.497	0.724	1.183	1.323	1.374	1.313	1.469	1.911	1.175	1.571	1.602	0.925	1.191	1.175	1.562	1.384	1.287	1.316	1.156	1.172	1.162	1.172	0.511	0.511	0.511	
	P95	0.86	1.14	1.802	2.035	2.094	2.348	1.508	1.74	1.667	0.76	1.185	0.98	0.861	1.123	1.813	2.18	2.255	2.389	1.632	1.712	1.668	0.764	1.084	0.957	0.851	
	MEAN	0.644	1.047	1.522	2.069	2.239	2.609	1.644	1.798	1.644	1.026	1.205	1.161	1.547	1.205	1.717	2.141	2.149	2.024	1.726	1.447	1.577	1.141	0.717	0.681		
Gordon Butte	PS	0.38	0.69	1.129	1.702	1.777	2.26	1.248	1.395	1.047	0.693	0.834	0.515	0.392	0.687	1.132	1.747	2.214	1.294	1.347	1.092	0.685	0.861	0.491	0.438		
	P95	0.919	1.428	1.927	2.42	2.667	2.951	1.996	2.22	1.849	1.587	1.548	1.211	0.944	1.391	1.878	2.579	2.655	2.968	2.121	2.093	1.816	1.453	1.473	1.082	0.909	
	MEAN	0.099	0.125	0.047	0.036	0.03	0.03	0.041	0.085	0.095	0.119	0.144	0.175	0.123	0.107	0.046	0.041	0.024	0.029	0.049	0.068	0.09	0.144	0.117	0.146		
Green Meadow Solar	PS	0.005	0.	0.005	0.012	0.015	0.011	0.008	0.024	0.019	0.018	0.002	0.076	0.013	0.001	0.004	0.016	0.011	0.011	0.01	0.013	0.023	0.017	0.	0.068		
	P95	0.154	0.235	0.097	0.071	0.056	0.064	0.087	0.143	0.182	0.186	0.268	0.239	0.189	0.205	0.098	0.08	0.048	0.056	0.108	0.125	0.176	0.234	0.218	0.2		
	MEAN	2.278	2.858	3.356	4.621	4.251	4.555	2.747	3.74	3.158	3.044	2.862	2.742	3.37	4.829	4.035	4.497	3.272	3.543	3.13	3.272	2.714	2.278	2.332			
Greenfield	PS	1.637	2.136	2.655	3.804	3.23	3.479	1.878	2.974	2.443	2.255	2.253	1.75	1.74	1.995	2.572	3.067	3.329	2.027	2.732	2.581	2.653	2.056	1.492	1.639		
	P95	2.994	3.593	4.084	5.448	5.223	5.445	3.439	4.497	3.791	3.838	3.55	3.167	3.106	3.406	4.11	5.541	4.97	5.629	3.682	4.35	3.84	3.31	2.852	3.095		
	MEAN																										
Judith Gap	PS																										
	P95																										
	MEAN	0.508	0.696	0.835																							

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2032-09	2032-10	2032-11	2032-12	2033	2033-02	2033-03	2033-04	2033-05	2033-06	2033-07	2033-08	2033-09	2033-10	2033-11	2033-12	2034	2034-02	2034-03	2034-04	2034-05	2034-06	2034-07	2034-08	2034-09	
Basin Creek	MEAN	0.385	0.145	0.596	1.284	0.978	0.644	0.467	0.186	0.025	0.311	1.187	0.357	0.127	0.588	1.381	1.073	0.65	0.468	0.169	0.015	0.289	1.178	0.463			
	PS	0.	0.	0.179	0.089	0.022	0.	0.	0.	0.	0.235	0.	0.	0.168	0.011	0.	0.	0.	0.	0.	0.	0.	0.	0.201	0.		
	P95	1.497	0.808	1.828	3.266	2.637	1.722	1.252	0.674	0.123		1.131	2.341	1.095	0.458	1.487	3.058	2.521	1.715	1.244	0.631	0.123	0.982	2.714	1.84		
CELP	MEAN																										
	PS																										
	P95																										
Colstrip 3	MEAN	29.035	31.805	31.403	31.504	33.507	28.39	29.266	23.096	10.172	12.759	26.47	28.478	29.545	32.013	31.349	31.066	33.398	28.511	29.45	24.456	18.707	13.343	26.748	28.636	29.446	
	PS	19.541	26.88	24.644	26.604	27.945	21.018	20.182	14.763	11.129	8.208	14.457	22.757	20.776	25.78	24.349	24.924	27.986	21.732	20.771	14.827	10.495	7.829	16.18	21.789	23.328	
	P95	34.135	35.788	34.977	34.268	36.282	31.829	33.396	29.432	28.895	21.85	34.8	33.006	34.521	35.804	35.054	34.994	36.192	31.606	33.878	31.184	27.643	23.716	34.926	33.171	34.403	
Colstrip 4	MEAN	29.381	30.935	31.292	31.111	33.124	28.943	28.819	23.717	19.234	12.982	26.702	28.313	29.695	31.567	30.955	30.95	33.202	28.505	29.175	24.821	2.673	1.493	26.906	28.397	29.592	
	PS	20.867	23.627	25.646	24.788	27.29	24.136	21.708	14.683	11.129	7.547	15.321	21.928	23.506	25.558	22.896	24.86	26.938	23.008	22.24	16.357	1.456	0.99	15.988	22.502	22.659	
	P95	34.157	35.819	34.941	34.291	36.278	31.829	33.396	29.498	28.895	23.299	34.8	32.974	34.521	35.749	34.928	34.448	36.242	31.579	33.878	31.615	4.352	2.708	35.061	33.477	34.053	
CX CCCT1	MEAN	70.629	73.999	79.131	84.926	85.276	69.021	53.273	22.405	4.349	29.054	65.727	70.789	74.759	80.008	84.736	85.436	70.65	53.395	22.369	5.141	0.253	28.371	65.528	69.765		
	PS	51.753	49.39	60.633	68.334	72.24	52.054	38.029	8.326	0.	16.912	51.041	47.741	56.03	62.748	68.599	69.274	55.28	37.089	9.022	0.326	0.	13.002	51.165	49.7		
	P95	88.275	96.468	93.817	95.335	97.231	82.892	71.023	38.872	13.44	1.376	42.624	45.113	91.939	92.098	94.148	96.384	82.793	67.362	36.002	12.335	0.344	43.393	79.452	85.108		
CX FrameCT1	MEAN	0.361	0.044	0.762	2.015	3.333	1.337	0.415	0.074	0.027	0.002	0.651	2.882	0.348	0.065	0.843	2.141	3.606	1.476	0.452	0.086	0.019	0.001	0.541	2.832	0.418	
	PS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.356	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.11	0.		
	P95	1.811	0.07	3.81	7.217	7.738	4.623	2.613	0.358	0.15	0.	2.117	5.785	1.687	0.009	4.547	7.749	8.411	5.087	2.544	0.7	0.177	0.	2.238	5.9	2.596	
CX FrameCT2	MEAN	0.369	0.047	0.809	1.962	3.258	1.409	0.387	0.076	0.029	0.002	0.662	2.847	0.342	0.048	0.854	2.179	3.594	1.453	0.417	0.09	0.019	0.001	0.544	2.862	0.444	
	PS	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.406	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.142	0.		
	P95	1.812	0.07	3.689	7.165	7.738	5.186	2.468	0.384	0.15	0.	2.03	5.891	1.731	0.005	4.432	7.412	8.694	5.078	2.544	0.732	0.169	0.	2.195	6.134	2.703	
CX Recip1	MEAN	1.246	1.761	2.462	2.957	3.173	2.35	1.863	0.465	0.058	0.409	1.513	1.284	1.848	2.581	3.032	3.26	2.466	1.884	0.489	0.036	0.292	1.569	1.411			
	PS	0.323	0.723	1.403	2.083	2.355	1.607	1.063	0.102	0.	1.037	0.383	0.723	1.505	2.176	2.329	1.581	1.114	0.094	0.	0.	0.	0.952	0.621			
	P95	2.1	2.703	3.349	3.706	4.046	3.12	2.491	1.029	0.289	1.02	2.202	2.108	2.805	3.434	3.783	3.97	3.111	2.567	1.012	0.23	1.088	2.244	2.312			
CX Recip10	MEAN	1.259	1.766	2.467	2.969	3.164	2.356	1.866	0.458	0.058	0.407	1.493	1.296	1.864	2.574	3.032	3.258	2.466	1.912	0.49	0.036	0.292	1.569	1.411			
	PS	0.323	0.765	1.352	2.083	2.253	1.598	1.114	0.102	0.	1.02	0.383	0.723	1.505	2.21	2.312	1.564	1.182	0.094	0.	0.	0.	0.91	0.638			
	P95	2.083	2.669	3.349	3.706	4.046	3.111	2.491	1.029	0.289	1.02	2.091	2.108	2.799	3.409	3.74	3.097	3.103	2.601	1.093	0.23	1.088	2.244	2.227			
CX Recip2	MEAN	1.246	1.76	2.46	2.963	3.183	2.352	1.86	0.46	0.058	0.41	1.518	1.283	1.842	2.586	3.002	3.261	2.47	1.896	0.495	0.034	0.292	1.574	1.408			
	PS	0.323	0.765	1.403	2.032	2.372	1.59	1.131	0.102	0.	1.012	0.366	0.723	1.505	2.185	2.261	1.547	1.182	0.094	0.	0.	0.	0.952	0.612			
	P95	2.1	2.686	3.349	3.706	4.046	3.103	2.491	1.02	0.289	1.02	2.202	2.108	2.746	3.434	3.723	3.978	3.111	2.601	1.012	0.23	1.088	2.244	2.295			
CX Recip3	MEAN	1.256	1.77	2.472	2.954	3.167	2.364	1.86	0.465	0.059	0.409	1.501	1.284	1.863	2.584	3.029	3.259	2.461	1.896	0.493	0.036	0.292	1.567	1.41			
	PS	0.323	0.765	1.428	2.04	2.431	1.615	1.114	0.102	0.	1.054	0.383	0.714	1.505	2.159	2.261	1.581	1.105	0.085	0.	0.	0.	0.952	0.612			
	P95	2.1	2.695	3.349	3.681	3.919	3.12	2.482	1.02	0.289	1.012	2.125	2.1	2.797	3.434	3.74	4.004	3.111	2.542	1.012	0.23	1.08	2.176	2.236			
CX Recip4	MEAN	1.249	1.758	2.461	2.959	3.188	2.356	1.867	0.46	0.059	0.412	1.511	1.288	1.845	2.568	3.023	3.268	2.468	1.89	0.492	0.036	0.292	1.567	1.417			
	PS	0.323	0.765	1.318	2.057	2.312	1.607	1.122	0.085	0.	1.029	0.383	0.723	1.471	2.134	2.27	1.581	1.182	0.094	0.	0.	0.	0.935	0.629			
	P95	2.091	2.703	3.349	3.698	4.046	3.103	2.491	1.029	0.289	1.02	2.202	2.108	2.746	3.426	3.74	4.004	3.111	2.559	1.012	0.23	1.08	2.193	2.236			
CX Recip5	MEAN	1.264	1.934	2.654	3.212	3.439	2.551	2.018	0.503	0.063	0.446	1.396	1.264	1.824	2.772	3.276	3.537	2.669	2.061	0.535	0.028	0.292	1.697	1.536			
	PS	0.35	0.819	1.5	2.208	2.585	1.739	1.224	0.11	0.	1.095	0.414	0.782	1.573	2.429	2.521	1.656	1.26	0.101	0.	0.	0.	1.03	0.69			
	P95	2.272	2.926	3.625	3.993	4.204	3.376	2.696	1.113	0.313	1.104	2.374	2.282	3.036	3.717	4.094	4.287	3.33	2.815	1.095	0.239	1.168	2.392	2.502			
CX Recip6	MEAN	1.36	1.913	2.675	3.205	3.429	2.541	2.017	0.502	0.064	0.441	1.638	1.396	1.926	2.799	3.279	3.532	2.667	2.059	0.532	0.039	0.292	1.697	1.532			
	PS	0.35	0.828	1.546	2.254	2.631	1.73	1.224	0.11	0.	1.132	0.414	0.782	1.61	2.429	2.447	1.711	1.279	0.101	0.	0.	0.	1.003	0.69			
	P95	2.19	2.889	3.505	4.011	4.315	3.358	2.686	1.113	0.313	1.104	2.374	2.282	3.036	3.717	4.048	4.333	3.367	2.806	1.095	0.248	1.178	2.429	2.502			
CX Recip7	MEAN	1.352	1.914	2.657	3.217	3.446	2.542	2.014	0.503	0.064	0.447	1.628	1.391	2.016	2.795	3.274	3.528	2.66	2.065	0.533	0.038	0.292	1.699	1.521			
	PS	0.35	0.8	1.546	2.226	2.631	1.72	1.224	0.11	0.	1.104	0.414	0.782	1.628	2.42	2.521	1.711	1.279	0.101	0.	0.	0.	1.03	0.662			
	P95	2.217	2.926	3.625	4.011	4.214	3.376	2.686	1.113																		

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2032-09	2032-10	2032-11	2032-12	2033	2033-02	2033-03	2033-04	2033-05	2033-06	2033-07	2033-08	2033-09	2033-10	2033-11	2033-12	2034	2034-02	2034-03	2034-04	2034-05	2034-06	2034-07	2034-08	2034-09
Falls	MEAN	9.731	10.963	13.053	13.674	14.179	12.077	12.906	17.098	22.262	18.66	19.708	11.434	9.87	11.749	12.917	14.187	13.372	12.204	13.595	18.378	21.843	19.809	19.914	10.656	9.779
	P5	15.318	18.506	20.216	21.535	21.565	19.211	21.681	27.553	36.085	30.141	33.518	17.126	15.497	19.233	20.089	22.61	20.89	20.524	20.524	29.247	34.031	30.155	31.474	17.846	15.828
	P95																									
Hydro - Total	MEAN	80.307	80.501	83.411	84.566	87.698	78.999	87.603	99.421	124.506	112.953	113.391	85.789	80.297	80.693	83.16	84.813	87.613	78.867	87.796	104.523	118.442	112.974	113.572	85.783	80.293
	P5	60.88	59.474	66.314	62.124	67.605	58.205	64.227	72.209	93.444	83.223	84.925	67.884	62.577	63.541	63.544	65.817	64.099	57.691	68.12	77.189	92.349	88.64	84.447	62.738	62.419
	P95	104.572	109.268	110.111	108.859	118.702	102.786	122.784	130.306	165.92	145.632	156.878	108.105	109.852	110.878	109.128	120.044	112.078	107.679	110.75	139.993	159.673	144.651	144.985	113.576	107.335
Load	MEAN	-215.696	-223.169	-244.038	-257.12	-249.253	-237.414	-225.296	-212.355	-232.273	-214.316	-257.286	-223.197	-219.096	-226.124	-246.431	-259.782	-250.576	-240.618	-228.444	-228.5	-223.13	-217.469	-259.672	-227.11	-221.17
	P5	-219.728	-228.324	-250.41	-264.825	-267.395	-243.501	-232.861	-216.234	-237.67	-217.571	-265.683	-228.104	-222.199	-230.601	-252.315	-267.085	-263.281	-247.5	-235.955	-233.376	-228.095	-220.351	-268.021	-231.848	-225.077
	P95	-212.101	-217.671	-238.254	-248.372	-232.875	-231.616	-217.895	-208.844	-228.213	-211.93	-248.484	-218.133	-216.274	-221.436	-239.464	-251.023	-235.397	-233.141	-221.166	-223.693	-219.444	-214.4	-251.225	-223.035	-216.823
Small QF1	MEAN	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.01	0.01	0.01	0.01	0.01	0.009
	P5	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.01	0.01	0.01	0.01	0.01	0.009
	P95	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.01	0.01	0.01	0.01	0.01	0.009
Small Tier II	MEAN																									
	P5																									
	P95																									
Tiber	MEAN																									
	P5																									
	P95																									
Turnbull	MEAN	1.106	0.014																							
	P5	1.106	0.014																							
	P95	1.106	0.014																							
Physical Instrument - Total	MEAN	1.116	0.023	0.01	0.009	0.01	0.009	0.009	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.01	0.01	0.01	0.01	0.009	
	P5	1.116	0.023	0.01	0.009	0.01	0.009	0.009	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.01	0.01	0.01	0.01	0.009	
	P95	1.116	0.023	0.01	0.009	0.01	0.009	0.009	0.009	0.01	0.009	0.01	0.009	0.01	0.01	0.01	0.009	0.01	0.009	0.009	0.01	0.01	0.01	0.01	0.009	
Deer Creek Solar	MEAN	0.116	0.068	0.036	0.02	0.027	0.045	0.066	0.099	0.147	0.134	0.214	0.12	0.116	0.069	0.035	0.022	0.031	0.044	0.064	0.118	0.126	0.13	0.212	0.122	0.116
	P5	0.	0.007	0.004	0.007	0.001	0.002	0.005	0.024	0.007	0.003	0.038	0.	0.005	0.005	0.004	0.006	0.001	0.002	0.014	0.002	0.004	0.01	0.042	0.	
	P95	0.225	0.144	0.103	0.043	0.094	0.118	0.138	0.188	0.268	0.246	0.292	0.167	0.218	0.154	0.106	0.052	0.105	0.115	0.135	0.219	0.23	0.244	0.29	0.168	0.224
Distributed Generation	MEAN	0.658	0.437	0.309	0.193	0.3	0.359	0.467	0.575	0.736	1.201	0.74	0.712	0.357	0.138	0.332	0.476	0.741	0.749	0.741	0.908	0.917	0.932	1.215	0.819	0.786
	P5	0.11	0.177	0.209	0.133	0.224	0.173	0.278	0.254	0.338	0.086	0.022	0.033	0.121	0.195	0.225	0.133	0.217	0.168	0.283	0.34	0.338	0.104	0.064	0.036	0.148
	P95	1.398	0.807	0.472	0.263	0.412	0.63	0.691	1.147	2.128	2.425	2.495	1.732	0.814	0.485	0.326	0.476	0.741	0.749	1.434	2.1	2.735	2.063	1.796	1.594	
Fairfield	MEAN	0.865	1.549	1.638	1.625	1.877	1.218	1.414	1.405	0.538	0.88	0.811	0.656	0.865	1.557	1.636	1.625	1.608	1.012	1.222	1.124	0.617	0.79	0.665	0.549	0.659
	P5	0.657	1.232	1.269	1.167	1.466	0.9	1.234	1.234	0.947	0.643	0.597	0.494	0.756	1.123	1.18	1.218	1.216	0.623	0.907	0.757	0.397	0.588	0.385	0.346	0.412
	P95	1.109	1.852	2.002	1.961	2.332	1.553	1.718	1.634	0.747	1.119	1.023	0.849	1.088	1.887	2.041	2.043	2.037	1.45	1.618	1.495	0.85	0.995	1.008	0.805	0.934
Gordon Butte	MEAN	0.992	1.602	2.051	2.036	2.481	1.651	1.727	1.442	1.139	0.845	0.811	0.656	0.865	1.557	1.636	1.625	1.608	1.012	1.222	1.124	0.617	0.79	0.665	0.549	0.659
	P5	0.624	1.201	1.675	1.707	2.117	1.205	1.347	1.16	0.775	0.535	0.409	0.618	0.718	1.547	1.612	2.229	1.166	1.374	1.15	0.67	0.846	0.51	0.376	0.62	
	P95	1.336	2.005	2.462	2.382	2.839	2.058	2.109	1.814	1.432	1.511	1.168	0.857	1.371	1.979	2.493	2.442	2.207	2.038	1.212	1.947	1.331	1.44	1.269	1.002	1.316
Green Meadow Solar	MEAN	0.105	0.057	0.035	0.018	0.029	0.041	0.068	0.091	0.138	0.118	0.199	0.094	0.106	0.057	0.034	0.02	0.031	0.04	0.066	0.109	0.114	0.115	0.197	0.096	0.105
	P5	0.	0.006	0.012	0.009	0.012	0.009	0.01	0.02	0.024	0.001	0.01	0.	0.005	0.014	0.01	0.008	0.012	0.007	0.015	0.011	0.019	0.001	0.079	0.002	0.
	P95	0.204	0.122	0.074	0.034	0.06	0.089	0.121	0.181	0.218	0.226	0.272	0.149	0.199	0.125	0.076	0.04	0.061	0.09	0.121	0.215	0.172	0.218	0.271	0.149	0.2
Greenfield	MEAN	2.714	3.469	4.613	3.758	4.33	2.734	3.58	3.101	3.228	2.26	2.711	3.446	4.587	3.783	4.504	2.763	3.626	2.302	3.083	2.718	2.587	2.189	1.846	1.573	2.048
	P5	1.923	2.663	3.822	2.937	3.367	1.947	2.929	2.356	2.625	2.184	1.825	1.65	2.105	2.65	3.686	2.835	3.421	1.964	2.847	2.587	2.387	2.189	1.846	1.573	2.048
	P95	3.52	4.3	5.218	4.607	5.18	3.567	4.223	3.775	4.044	3.418	3.105	2.846	3.32	4.279	5.19	4.699	5.54	3.69	4.475	4.059	3.88	3.432	3.144	2.913	3.363
Judith Gap	MEAN																									
	P5																									
	P95																									
Musselshell 1	MEAN	0.654	0.875	1.106	1.109	1.406	1.259	1.007	1.102	0.684	0.743	0.531	0.5	0.654	0.882	1.102	1.124	1.465	1.262	0.997	1.171	0.65	0.745	0.538	0.509	0.652
	P5	0.45	0.591	0.781	0.768	1.057	0.994	0.716	0.905	0.505	0.502	0.35	0.347	0.415	0.624	0.711	0.738	1.087	0.953	0.721	0.896	0.449	0.57	0.334	0.332	0.442

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2034-10	2034-11	2034-12	2035	2035-02	2035-03	2035-04	2035-05	2035-06	2035-07	2035-08	2035-09	2035-10	2035-11	2035-12
Basin Creek	MEAN	0.147	0.597	1.568	1.112	0.594	0.386	0.19	0.021		0.316	1.171	0.467	0.183	0.566	1.585
	P5	0.	0.022	0.212	0.089	0.034	0.045	0.	0.	0.134	0.	0.	0.	0.011	0.112	0.112
	P95	0.648	1.968	4.045	2.732	1.718	1.23	0.688	0.123		1.153	2.566	1.435	0.793	1.624	3.593
CELP	MEAN															
	P5															
	P95															
Colstrip 3	MEAN	31.72	31.522	34.558	33.116	28.896	29.89	24.902	1.242	3.261	26.384	28.976	31.237	30.662	31.643	35.237
	P5	24.236	25.251	27.77	25.683	23.347	23.603	16.642	0.673	2.169	15.41	22.101	23.945	25.119	23.964	28.978
	P95	35.919	35.071	37.798	36.327	31.757	33.782	31.673	2.185	6.583	34.692	33.24	36.041	34.05	35.129	38.022
Colstrip 4	MEAN	31.235	31.759	34.43	33.087	28.586	29.329	25.369	18.997	13.653	26.745	28.98	31.559	30.275	32.112	34.802
	P5	22.891	23.623	27.807	26.237	21.246	22.441	16.831	10.824	8.371	15.72	21.988	25.794	24.251	27.528	28.611
	P95	35.728	35.027	37.779	36.341	31.779	33.62	32.139	27.863	25.581	34.548	33.449	36.124	34.05	35.143	37.96
CX CCCT1	MEAN	75.912	80.01	94.44	84.971	69.667	52.392	19.986	4.141	0.275	27.412	65.994	73.521	72.695	80.968	94.512
	P5	59.12	62.771	79.32	70.555	53.499	34.21	6.889	0.	0.	15.523	51.991	52.608	54.928	65.127	75.144
	P95	93.033	94.173	105.105	97.147	82.216	67.023	34.546	10.966	1.376	40.943	80.052	89.134	87.644	92.978	105.114
CX FrameCT1	MEAN	0.047	0.725	2.396	3.842	1.366	0.321	0.042	0.022		0.59	2.564	0.449	0.068	0.651	2.147
	P5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	P95	0.127	4.275	9.158	9.412	4.529	1.801	0.263	0.121		2.693	6.346	3.107	0.	2.233	7.794
CX FrameCT2	MEAN	0.066	0.676	2.343	3.869	1.364	0.315	0.042	0.023		0.578	2.562	0.453	0.065	0.639	2.054
	P5	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
	P95	0.127	4.403	9.373	9.205	4.77	2.145	0.263	0.121		2.717	6.107	2.984	0.	3.36	8.204
CX Recip1	MEAN	1.997	2.617	3.395	3.327	2.45	1.903	0.483	0.057		0.444	1.565	1.51	1.968	2.714	3.438
	P5	0.816	1.59	2.295	2.244	1.751	1.241	0.068	0.		0.	0.952	0.578	0.842	1.768	2.202
	P95	3.026	3.579	4.437	4.072	3.273	2.465	0.952	0.272		1.182	2.185	2.193	3.06	3.596	4.31
CX Recip10	MEAN	1.99	2.616	3.384	3.311	2.46	1.901	0.481	0.056		0.446	1.546	1.515	1.993	2.721	3.447
	P5	0.833	1.581	2.227	2.278	1.751	1.207	0.068	0.		0.	0.893	0.578	0.842	1.743	2.202
	P95	3.026	3.579	4.378	4.072	3.256	2.525	0.952	0.272		1.182	2.083	2.21	3.009	3.579	4.25
CX Recip2	MEAN	1.995	2.612	3.38	3.315	2.449	1.898	0.481	0.056		0.444	1.553	1.513	1.978	2.721	3.439
	P5	0.833	1.59	2.227	2.261	1.7	1.241	0.068	0.		0.	0.952	0.578	0.842	1.743	2.202
	P95	3.026	3.579	4.369	4.106	3.154	2.474	0.927	0.272		1.182	2.134	2.176	2.992	3.57	4.267
CX Recip3	MEAN	1.993	2.614	3.388	3.317	2.461	1.899	0.481	0.056		0.441	1.564	1.513	1.98	2.717	3.441
	P5	0.833	1.59	2.295	2.304	1.641	1.241	0.068	0.		0.	0.927	0.578	0.842	1.717	2.202
	P95	3.026	3.579	4.437	4.106	3.256	2.474	0.91	0.272		1.139	2.185	2.185	3.009	3.596	4.318
CX Recip4	MEAN	1.992	2.611	3.386	3.326	2.454	1.89	0.481	0.057		0.444	1.557	1.501	1.984	2.708	3.455
	P5	0.816	1.59	2.287	2.278	1.743	1.241	0.068	0.		0.	0.876	0.578	0.833	1.768	2.176
	P95	3.018	3.579	4.429	4.106	3.307	2.525	0.952	0.272		1.182	2.185	2.193	3.06	3.579	4.318
CX Recip5	MEAN	2.152	2.81	3.664	3.59	2.656	2.064	0.516	0.061		0.479	1.69	1.646	2.137	2.931	3.741
	P5	0.902	1.684	2.456	2.466	1.895	1.343	0.055	0.		0.	1.003	0.626	0.883	1.868	2.383
	P95	3.275	3.8	4.554	4.444	3.579	2.732	1.03	0.294		1.279	2.364	2.392	3.312	3.892	4.6
CX Recip6	MEAN	2.149	2.819	3.655	3.588	2.652	2.047	0.516	0.062		0.48	1.687	1.643	2.145	2.931	3.725
	P5	0.902	1.711	2.484	2.493	1.895	1.325	0.074	0.		0.	1.021	0.607	0.856	1.914	2.364
	P95	3.275	3.873	4.729	4.407	3.542	2.732	1.03	0.294		1.233	2.364	2.374	3.303	3.873	4.664
CX Recip7	MEAN	2.144	2.815	3.673	3.596	2.643	2.044	0.518	0.059		0.473	1.691	1.644	2.141	2.933	3.742
	P5	0.892	1.72	2.466	2.493	1.895	1.343	0.074	0.		0.	1.03	0.626	0.911	1.776	2.383
	P95	3.238	3.772	4.802	4.444	3.579	2.732	1.03	0.294		1.233	2.355	2.392	3.294	3.892	4.692
CX Recip8	MEAN	1.993	2.608	3.395	3.317	2.452	1.898	0.481	0.057		0.443	1.555	1.516	1.985	2.707	3.443
	P5	0.757	1.59	2.287	2.193	1.751	1.241	0.068	0.		0.	0.952	0.578	0.833	1.76	2.202
	P95	3.001	3.511	4.235	4.08	3.207	2.482	0.944	0.272		1.182	2.159	2.168	2.06	3.596	4.257
CX Recip9	MEAN	1.985	2.606	3.387	3.326	2.454	1.888	0.476	0.057		0.442	1.562	1.514	1.982	2.706	3.45
	P5	0.833	1.59	2.295	2.304	1.751	1.207	0.068	0.		0.	0.952	0.51	0.825	1.709	2.159
	P95	3.026	3.579	4.31	4.072	3.29	2.465	0.952	0.272		1.182	2.185	2.21	3.052	3.596	4.267
David Gates Generating Station	MEAN	13.286	15.826	21.167	18.841	14.381	13.148	11.621	10.253	9.12	12.285	16.529	15.866	13.326	15.976	21.711
	P5	10.44	11.675	15.158	14.24	11.49	10.91	9.8	9.84	9.12	10.32	13.36	11.48	9.66	11.738	15.108
	P95	17.89	20.788	26.733	24.328	18.628	16.398	13.838	11.615	9.12	15.77	19.66	20.78	18.823	20.475	26.92
YELP	MEAN															
	P5															
	P95															
Black Eagle	MEAN	4.482	4.968	4.659	4.317	4.182	5.21	5.992	6.376	5.823	5.603	4.93	4.672	4.252	4.995	4.629
	P5	3.515	3.712	3.415	3.444	2.97	4.06	4.887	4.915	4.583	4.133	3.831	3.48	3.233	3.861	3.577
	P95	5.498	6.214	5.741	5.281	5.155	6.278	6.855	7.599	7.178	7.014	5.896	5.736	5.172	6.284	5.718
Cochrane	MEAN	6.956	7.703	9.794	9.287	8.5	9.622	13.707	13.664	11.834	9.041	8.78	6.578	7.695	9.781	
	P5	3.405	3.153	4.07	4.504	3.411	4.648	6.33	6.525	6.205	4.058	4.124	3.703	3.163	3.466	4.386
	P95	11.812	13.284	18.05	16.155	14.676	16.889	18.561	21.273	23.962	23.186	16.183	16.389	12.871	13.666	17.259
Hauser	MEAN	4.887	4.663	5.036	4.732	4.266	4.62	4.8	4.749	4.597	5.319	4.922	5.088	4.649	4.673	5.019
	P5	4.652	4.4	4.753	4.476	3.969	4.408	4.613	4.481	4.354	5.093	4.696	4.83	4.387	4.466	4.71
	P95	5.145	4.931	5.263	4.975	4.502	4.812	5.027	4.976	4.864	5.54	5.088	5.327	4.866	4.921	5.262
Holter	MEAN	9.365	9.8	11.102	10.44	9.26	9.941	11.256	12.062	11.467	11.806	9.25	9.636	8.892	9.811	11.06
	P5	7.849	8.	9.017	8.812	7.274	8.233	9.597	9.989	9.7	9.728	7.714	7.807	7.329	8.21	9.338
	P95	11.104	11.717	13.189	12.352	10.998	11.823	12.915	13.955	14.085	14.159	10.944	11.77	10.593	11.593	13.087
Madison	MEAN	2.413	2.38	2.548	2.443	2.21	2.406	2.323	2.446	2.276	2.626	2.302	2.364	2.296	2.383	2.537
	P5	2.246	2.211	2.359	2.304	2.045	2.257	2.213	2.281	2.14	2.445					

Net Position Report - Economically Optimal Portfolio - Light Load Hours (GWh)

Net Position, GWh		2034-10	2034-11	2034-12	2035	2035-02	2035-03	2035-04	2035-05	2035-06	2035-07	2035-08	2035-09	2035-10	2035-11	2035-12
Falls	MEAN	11.201	12.209	14.396	13.751	11.436	12.984	18.994	20.44	19.475	19.648	10.912	9.731	10.583	12.614	15.009
	P5	18.06	20.248	24.436	21.758	19.638	20.984	27.953	32.975	31.487	32.258	17.538	16.37	17.403	20.497	24.154
	P95															
Hydro - Total	MEAN	80.752	83.424	93.475	87.54	79.119	87.663	104.689	118.312	112.972	113.665	85.664	84.394	76.658	83.57	93.115
	P5	62.028	60.955	66.631	65.256	54.556	65.894	82.06	88.93	85.082	83.477	64.957	61.792	57.818	63.219	70.074
	P95	104.635	108.695	127.774	116.926	103.942	115.871	131.223	147.524	148.958	151.851	112.093	112.692	103.836	109.25	123.051
Load	MEAN	-229.072	-250.045	-296.293	-253.573	-243.811	-232.013	-231.516	-225.48	-220.011	-262.405	-230.369	-237.701	-219.164	-252.486	-299.755
	P5	-234.102	-256.313	-303.457	-271.706	-250.311	-238.394	-236.237	-230.047	-222.684	-270.112	-235.356	-241.555	-222.868	-258.248	-308.628
	P95	-224.541	-243.04	-287.912	-236.359	-237.091	-225.713	-227.15	-221.276	-217.2	-254.734	-224.944	-234.162	-215.02	-246.214	-291.316
Small QF I	MEAN															
	P5															
	P95															
Small Tier II	MEAN															
	P5															
	P95															
Tiber	MEAN															
	P5															
	P95															
Turnbull	MEAN															
	P5															
	P95															
Physical Instrument - Total	MEAN															
	P5															
	P95															
Deer Creek Solar	MEAN	0.07	0.037	0.031	0.031	0.043	0.066	0.121	0.127	0.129	0.211	0.121	0.133	0.053	0.035	0.031
	P5	0.004	0.005	0.01	0.001	0.003	0.005	0.025	0.011	0.002	0.087	0.047	0.001	0.003	0.003	0.011
	P95	0.149	0.113	0.07	0.094	0.11	0.134	0.22	0.232	0.236	0.294	0.167	0.255	0.117	0.105	0.07
Distributed Generation	MEAN	0.52	0.371	0.356	0.362	0.405	0.535	0.838	0.978	0.988	1.406	0.88	0.972	0.435	0.396	0.38
	P5	0.221	0.248	0.239	0.236	0.188	0.318	0.396	0.362	0.095	0.044	0.021	0.203	0.221	0.268	0.254
	P95	0.951	0.51	0.501	0.537	0.701	0.787	1.702	2.29	2.898	2.855	2.001	2.037	0.734	0.601	0.523
Fairfield	MEAN	1.186	1.505	1.604	1.562	1.001	1.216	1.143	0.626	0.759	0.646	0.552	0.692	1.104	1.496	1.602
	P5	0.873	1.114	1.227	1.15	0.694	0.856	0.839	0.412	0.516	0.447	0.355	0.456	0.791	1.084	1.141
	P95	1.609	1.882	1.992	2.056	1.324	1.599	1.564	0.878	1.026	0.862	0.825	0.929	1.401	1.896	2.072
Gordon Butte	MEAN	1.605	2.044	2.274	2.603	1.64	1.716	1.532	1.021	1.118	0.856	0.65	1.032	1.512	2.061	2.259
	P5	1.249	1.664	1.853	2.246	1.224	1.349	1.164	0.684	0.832	0.553	0.37	0.704	1.196	1.629	1.835
	P95	2.041	2.437	2.715	2.978	1.999	2.101	2.014	1.401	1.446	1.158	0.979	1.353	1.792	2.416	2.686
Green Meadow Solar	MEAN	0.058	0.036	0.029	0.03	0.039	0.067	0.111	0.115	0.114	0.194	0.097	0.121	0.044	0.035	0.029
	P5	0.004	0.012	0.012	0.012	0.009	0.013	0.019	0.011	0	0.071	0.005	0.003	0.005	0.012	0.014
	P95	0.128	0.07	0.056	0.061	0.084	0.123	0.206	0.184	0.209	0.273	0.152	0.235	0.091	0.068	0.049
Greenfield	MEAN	3.52	4.647	4.191	4.521	2.702	3.596	3.285	3.054	2.771	2.481	2.246	2.836	3.334	4.642	4.187
	P5	2.804	3.92	3.138	3.477	1.857	2.833	2.577	2.377	2.033	1.706	1.582	2.236	2.631	3.952	3.356
	P95	4.281	5.349	5.115	5.63	3.541	4.488	3.963	3.83	3.607	3.143	2.952	3.624	4.136	5.275	5.122
Judith Gap	MEAN															
	P5															
	P95															
Musselshell 1	MEAN	0.876	1.1	1.236	1.48	1.254	0.995	1.175	0.66	0.726	0.54	0.514	0.689	0.817	1.126	1.233
	P5	0.637	0.773	0.914	1.087	1	0.7	0.939	0.433	0.513	0.398	0.353	0.499	0.567	0.787	0.841
	P95	1.197	1.409	1.601	1.888	1.501	1.283	1.505	0.91	0.948	0.696	0.736	0.887	1.047	1.485	1.7
Musselshell 2	MEAN	1.015	1.346	1.419	1.643	1.409	1.16	1.411	0.841	0.864	0.65	0.651	0.857	0.947	1.376	1.417
	P5	0.717	0.981	1.081	1.208	1.123	0.805	1.136	0.59	0.619	0.482	0.45	0.638	0.653	0.994	1.004
	P95	1.387	1.718	1.765	2.071	1.68	1.487	1.79	1.14	1.137	0.848	0.898	1.082	1.215	1.796	1.894
Ragen Ranch Solar	MEAN	0.074	0.037	0.037	0.039	0.049	0.071	0.119	0.136	0.131	0.194	0.106	0.134	0.056	0.036	0.037
	P5	0.005	0.009	0.017	0.006	0.009	0.014	0.026	0.034	0.001	0.043	0.01	0.001	0.006	0.006	0.018
	P95	0.153	0.098	0.067	0.094	0.111	0.133	0.23	0.253	0.262	0.305	0.173	0.266	0.114	0.091	0.065
River Bend Solar	MEAN	0.041	0.025	0.022	0.02	0.027	0.047	0.065	0.088	0.085	0.124	0.063	0.079	0.031	0.024	0.022
	P5	0	0	0.005	0	0	0	0.003	0.03	0.023	0.07	0.025	0.001	0	0	0.005
	P95	0.089	0.062	0.052	0.053	0.062	0.088	0.113	0.135	0.136	0.172	0.094	0.144	0.07	0.065	0.055
South Mills Solar	MEAN	0.072	0.043	0.036	0.035	0.046	0.074	0.115	0.146	0.141	0.212	0.109	0.136	0.053	0.042	0.036
	P5	0.001	0.01	0.016	0.002	0.004	0.009	0.015	0.017	0.001	0.06	0.02	0	0.002	0.007	0.016
	P95	0.151	0.103	0.062	0.09	0.112	0.142	0.221	0.259	0.256	0.325	0.167	0.259	0.119	0.095	0.065
Spion Kop	MEAN	4.909	6.355	7.793	7.755	5.929	5.567	4.669	2.881	2.795	3.203	2.361	4.065	4.531	6.459	7.832
	P5	3.57	4.796	6.032	6.296	4.18	4.301	3.156	1.54	1.752	2.138	1.499	2.938	3.143	4.907	5.737
	P95	6.695	7.777	9.44	9.206	7.583	7.105	6.449	4.144	4.001	4.493	3.443	5.239	5.868	8.008	9.862
Two Dot Wind	MEAN	1.494	1.692	1.657	2.142	1.322	1.397	1.487	0.51	0.934	0.707	0.603	0.819	1.408	1.717	1.651
	P5	1.232	1.332	1.288	1.745	1.038	1.072	1.23	0.301	0.703	0.528	0.409	0.611	1.162	1.376	1.231
	P95	1.83	2.052	2.003	2.487	1.611	1.765	1.841	0.749	1.192	0.913	0.861	1.034	1.653	2.04	2.09
Wind/Solar Asset - Total	MEAN	15.44	19.238	20.685	22.222	15.868	16.507	16.072	11.183	11.555	11.424	8.954	12.565	14.326	19.444	20.715
	P5	12.191	15.531	16.818	18.204	11.533	13.086	12.745	8.684	8.533	6.258	10.139	11.143	15.859	16.483	
	P95	19.464	23.042	24.371	26.081	19.462	20.186	20.533	14.988	15.058	14.25	11.777	15.463	17.434	22.983	25.319
Total	MEAN	39.925	40.469	43.477	69.041	21.162	17.371	23.689	-60.71	-68.174	-38.469	27.884	28.323	39.387	40.871	41.445
	P5	10.57	-2.269	-1.678	27.814	-6.764	-21.66	-59.421	-95.422	-101.11	-81.867	-11.573	1.564	9.303	3.236	-0.737
	P95	76.829	76.234	87.811	111.039	53.925	57.019	14.03	-25.891	-20.774	6.666	64.69	63.341	72.202	76.503	83.54