

ST RFO Accepted (2016) jan 600 600 600 600 600 900 900 1,300 1,300 1,300 900 600 10,200

**Case D- Whitman + ST RFO** winter load growth => 0.50% 2016 to 2046 Avg

**and 2030 Generic Hydro** summer load growth => 0.50% 9,955.3 12,870.7 6,613.0

Year/Month	Monthly total Energy (MWh)												Totals in MWh			Total	KPU	345	350	340
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Spill	Diesel	Load	% Diesel	% Diesel			
2011	0	0	0	0	0	0	0	9,395	9,395	9,395	0	0	28,185	0	266,188	0	0	10,000	13,420	6,613
2012	464	0	0	0	0	1,330	0	6,993	6,993	6,993	0	0	20,979	1,794	275,188	0.7%	1.1%	10,000	13,420	6,613
2013	1,149	0	0	0	0	1,825	0	5,120	5,120	5,120	0	0	15,359	2,974	281,987	1.1%	1.8%	10,000	13,420	6,613
2014	2,097	0	196	0	0	2,567	0	3,766	3,766	3,766	118	1,175	11,299	6,153	289,227	2.1%	3.7%	10,000	11,299	6,613
2015	2,542	0	509	0	0	1,949	0	5,360	5,360	5,360	0	1,546	16,081	6,546	296,467	2.2%	3.8%	10,000	13,420	6,613
2016	2,701	0	1,162	835	0	1,948	0	4,390	4,390	4,390	0	2,907	13,169	9,553	302,386	3.2%	5.4%	10,000	13,169	6,613
2017	2,257	0	702	360	0	1,149	0	6,414	6,414	6,414	0	2,470	19,242	6,938	303,898	2.3%	3.9%	10,000	13,420	6,613
2018	2,641	0	1,003	634	0	1,389	0	5,721	5,721	5,721	0	2,869	17,162	8,535	307,575	2.8%	4.8%	10,000	13,420	6,613
2019	2,800	0	1,145	760	0	1,491	0	5,440	5,440	5,440	0	3,034	16,320	9,231	309,113	3.0%	5.1%	10,000	13,420	6,613
2020	2,959	0	1,287	888	0	1,595	0	5,158	5,158	5,158	0	3,201	15,474	9,930	310,658	3.2%	5.5%	10,000	13,420	6,613
2021	3,120	99	1,431	1,016	0	1,699	0	4,908	4,908	4,908	0	3,368	14,723	10,732	312,212	3.4%	5.9%	10,000	13,420	6,613
2022	3,281	232	1,575	1,145	0	1,803	0	4,667	4,667	4,667	0	3,536	14,001	11,572	313,773	3.7%	6.4%	10,000	13,420	6,613
2023	3,443	366	1,719	1,274	0	1,908	0	4,425	4,425	4,425	0	3,705	13,276	12,415	315,341	3.9%	6.8%	10,000	13,276	6,613
2024	3,606	500	1,865	1,404	0	2,014	0	4,182	4,182	4,182	0	3,874	12,547	13,263	316,918	4.2%	7.2%	10,000	12,547	6,613
2025	3,769	635	2,011	1,535	0	2,119	0	3,938	3,938	3,938	0	4,045	11,814	14,115	318,503	4.4%	7.6%	10,000	11,814	6,613
2026	3,934	771	2,158	1,667	0	2,226	0	3,693	3,693	3,693	0	4,216	11,078	14,971	320,095	4.7%	8.1%	10,000	11,078	6,613
2027	4,099	907	2,305	1,799	0	2,333	0	3,446	3,446	3,446	0	4,389	10,338	15,832	321,696	4.9%	8.5%	10,000	10,338	6,613
2028	4,265	1,044	2,454	1,931	0	2,441	0	3,210	3,210	3,210	36	4,562	9,630	16,732	323,304	5.2%	8.9%	9,630	9,630	6,613
2029	4,432	1,182	2,603	2,065	0	2,549	0	3,010	3,010	3,010	182	4,736	9,029	17,748	324,921	5.5%	9.4%	9,029	9,029	6,613
2030	2,951	0	1,512	0	0	0	0	15,561	15,561	15,561	0	2,562	46,683	7,026	326,545	2.2%	3.7%	10,000	13,420	6,613
2031	3,120	0	1,663	0	0	0	0	15,182	15,182	15,182	0	2,738	45,545	7,521	328,178	2.3%	4.0%	10,000	13,420	6,613
2032	3,289	67	1,814	0	0	0	0	14,823	14,823	14,823	0	2,915	44,468	8,085	329,819	2.5%	4.2%	10,000	13,420	6,613
2033	3,460	207	1,966	124	0	0	0	14,528	14,528	14,528	0	3,092	43,584	8,850	331,468	2.7%	4.6%	10,000	13,420	6,613
2034	3,631	349	2,119	261	0	0	0	14,236	14,236	14,236	0	3,271	42,707	9,630	333,125	2.9%	5.0%	10,000	13,420	6,613
2035	3,803	490	2,273	398	0	0	0	13,942	13,942	13,942	0	3,450	41,825	10,414	334,791	3.1%	5.4%	10,000	13,420	6,613
2036	3,976	633	2,427	537	0	0	0	13,647	13,647	13,647	0	3,630	40,940	11,202	336,465	3.3%	5.7%	10,000	13,420	6,613
2037	4,149	776	2,582	675	0	0	0	13,350	13,350	13,350	0	3,811	40,049	11,995	338,147	3.5%	6.1%	10,000	13,420	6,613
2038	4,324	920	2,738	815	0	0	0	13,052	13,052	13,052	0	3,993	39,155	12,791	339,838	3.8%	6.5%	10,000	13,420	6,613
2039	4,499	1,065	2,895	955	0	0	0	12,752	12,752	12,752	0	4,176	38,255	13,591	341,537	4.0%	6.9%	10,000	13,420	6,613
2040	4,676	1,210	3,053	1,096	0	0	0	12,451	12,451	12,451	0	4,360	37,352	14,395	343,245	4.2%	7.2%	10,000	13,420	6,613
2041	4,853	1,356	3,211	1,238	0	0	0	12,148	12,148	12,148	0	4,545	36,443	15,203	344,961	4.4%	7.6%	10,000	13,420	6,613
2042	5,031	1,503	3,370	1,380	0	0	0	11,844	11,844	11,844	0	4,730	35,531	16,015	346,686	4.6%	8.0%	10,000	13,420	6,613
2043	5,210	1,651	3,530	1,523	0	0	0	11,538	11,538	11,538	0	4,917	34,613	16,831	348,419	4.8%	8.3%	10,000	13,420	6,613
2044	5,390	1,799	3,690	1,667	0	0	0	11,230	11,230	11,230	0	5,104	33,691	17,651	350,161	5.0%	8.7%	10,000	13,420	6,613
2045	5,571	1,948	3,852	1,811	0	0	0	10,922	10,922	10,922	0	5,293	32,765	18,475	351,912	5.2%	9.1%	10,000	13,420	6,613
2046	5,753	2,098	4,014	1,956	0	0	0	10,611	10,611	10,611	0	5,482	31,834	19,304	353,672	5.5%	9.4%	10,000	13,420	6,613
2047	5,935	2,249	4,177	2,102	0	0	0	10,299	10,299	10,299	0	5,673	30,898	20,136	355,440	5.7%	9.8%	10,000	13,420	6,613
2048	6,119	2,400	4,341	2,249	0	0	0	9,986	9,986	9,986	0	5,864	29,958	20,973	357,217	5.9%	10.1%	10,000	13,420	6,613
2049	6,303	2,552	4,506	2,396	0	0	0	9,671	9,671	9,671	0	6,056	29,012	21,814	359,003	6.1%	10.5%	10,000	13,420	6,613
2050	6,489	2,705	4,671	2,544	0	0	0	9,354	9,354	9,354	0	6,249	28,062	22,659	360,798	6.3%	10.8%	10,000	13,420	6,613