

YEC Fuel Price Variance Calc.

2023 ACTUAL		FUEL EXPENSE LITRES					
Fuel Expense Litres	JAN	FEB	MAR	APR	MAY	JUN	
Faro	9,690	80,210	112,524	0	0	17,049	
Mayo	479	802	616	4,930	0	0	
Dawson	4,637	2,371	2,266	10,997	52,192	20,926	
Whitehorse-Diesel	335,288	17,380	118,373	14,934	2,132	8,665	
Whitehorse-LNG	2,117,235	1,289,696	992,765	654,721	72,470	348,036	
Total	2,467,330	1,390,459	1,226,543	685,582	126,794	394,676	

2023 ACTUAL		THERMAL GENERATION (KW.h)					
Thermal Generation (KW.h)	JAN	FEB	MAR	APR	MAY	JUN	
Faro	127,403	346,004	382,452	28,179	5,880	14,280	
Mayo	5,670	2,100	2,730	2,100	2,520	2,310	
Dawson	12,800	7,729	8,067	36,427	191,655	75,378	
Whitehorse-Diesel	1,316,570	77,685	456,584	76,672	8,585	51,908	
Whitehorse- LNG	5,423,600	3,183,300	2,319,100	1,816,900	86,300	786,400	
Total	6,886,043	3,616,817	3,168,932	1,960,278	294,940	930,276	

2023 ACTUAL		FUEL EXPENSE DOLLARS					
Fuel Expense Dollars	JAN	FEB	MAR	APR	MAY	JUN	
Faro	14,597	120,824	166,209	0	0	25,183	
Mayo	663	1,111	853	6,829	0	0	
Dawson	7,731	3,952	3,636	17,648	74,731	33,685	
Whitehorse-Diesel	511,110	26,437	170,809	21,366	3,050	12,397	
Whitehorse-LNG	1,026,587	636,294	476,135	364,146	34,528	169,542	
Total	1,560,687.98	788,619.14	817,642.13	409,988.46	112,309.65	240,806.64	

2023 ACTUAL		CENTS/LITER					
	JAN	FEB	MAR	APR	MAY	JUN	
Faro	150.63	150.64	147.71	0.00	0.00	147.71	
Mayo	138.51	138.50	138.51	138.51	0.00	0.00	
Dawson	166.72	166.72	160.48	160.48	143.19	160.97	
Whitehorse-Diesel	152.44	152.11	144.30	143.07	143.07	143.07	
Whitehorse-LNG	48.49	49.34	47.96	55.62	47.64	48.71	
Total	63.25	56.72	66.66	59.80	88.58	61.01	

2023 ACTUAL		EFFICIENCY					
	JAN	FEB	MAR	APR	MAY	JUN	
Faro	13.15	4.31	3.40	0.00	0.00	0.84	
Mayo	11.84	2.62	4.44	0.43	0.00	0.00	
Dawson	2.76	3.26	3.56	3.31	3.67	3.60	
Whitehorse-Diesel	3.93	4.47	3.86	5.13	4.03	5.99	
Whitehorse-LNG	2.56	2.47	2.34	2.78	1.19	2.26	
Total	2.79	2.60	2.58	2.86	2.33	2.36	

2023 ACTUAL		FUEL EXPENSE LITRES YTD					
	JAN	FEB	MAR	APR	MAY	JUN	
Faro	9,690	89,900	202,424	202,424	202,424	219,473	
Mayo	479	1,281	1,897	6,827	6,827	6,827	
Dawson	4,637	7,008	9,274	20,270	72,462	93,388	
Whitehorse-Diesel	335,288	352,669	471,041	485,976	488,108	496,772	
Whitehorse-LNG	2,117,235	3,406,931	4,399,696	5,054,417	5,126,886	5,474,922	
Total	2,467,330	3,857,789	5,084,332	5,769,914	5,896,707	6,291,383	

2023 ACTUAL		GENERATION (KW.h) YTD					
ACTUAL	JAN	FEB	MAR	APR	MAY	JUN	
Faro	127,403	473,406	855,858	884,037	889,917	904,197	
Mayo	5,670	7,770	10,500	12,600	15,120	17,430	
Dawson	12,800	20,529	28,596	65,023	256,678	332,056	
Whitehorse-Diesel	1,316,570	1,394,255	1,850,838	1,927,510	1,936,094	1,988,002	
Whitehorse-LNG	5,423,600	8,606,900	10,926,000	12,742,900	12,829,200	13,615,600	
Total	6,886,043	10,502,860	13,671,792	15,632,070	15,927,009	16,857,285	

2023 ACTUAL		DOLLARS YTD					
	JAN	FEB	MAR	APR	MAY	JUN	
Faro	14,596.52	135,420.87	301,630.21	301,630.21	301,630.21	326,813.29	
Mayo	663.44	1,774.66	2,627.16	9,455.73	9,455.73	9,455.73	
Dawson	7,731.14	11,683.33	15,319.21	32,966.78	107,698.26	141,383.34	
Whitehorse-Diesel	511,109.85	537,547.00	708,356.43	729,722.78	732,772.99	745,169.54	
Whitehorse-LNG	1,026,587.03	1,662,881.26	2,139,016.24	2,503,162.22	2,537,690.17	2,707,232.10	
Total	1,560,687.98	2,349,307.12	3,166,949.25	3,576,937.72	3,689,247.36	3,930,054.01	

YEC Fuel Price Variance Calc.

Actual Price	1.5244	1.5211	1.4430	1.4307	1.4307	1.4307
YTD Generation	1,316,570	1,394,255	1,850,838	1,927,510	1,936,094	1,988,002
YTD Forecast Eff.	3.60	3.60	3.60	3.60	3.60	3.60
Forecast Price	0.7243	0.7243	0.7243	0.7243	0.7243	0.7243
Actual Price	1.5244	1.5242	1.5038	1.5016	1.5013	1.5000
Monthly Price Variance	-292,604.05	-17,193.95	-91,149.28	-15,044.23	-1,684.42	-10,185.21
Cumulative	-292,604.05	-309,798.00	-400,947.28	-415,991.51	-417,675.93	-427,861.14
Cumulative YTD price variance	-292,604.05	-309,806.23	-400,762.94	-416,161.40	-417,848.34	-428,371.37
Cumulative adjustment	-0.00	-8.23	184.34	-169.89	-172.41	-510.23
Current Month adjustment		-8.23	192.57	-354.22	-2.52	-337.83
Adjusted Monthly Price Variance	-292,604.05	-17,202.18	-90,956.71	-15,398.45	-1,686.94	-10,523.04

WHITEHORSE-LNG	JAN	FEB	MAR	APR	MAY	JUN
Month Generation	5,423,600	3,183,300	2,319,100	1,816,900	86,300	786,400
Month Forecast Eff.	2.66	2.66	2.66	2.66	2.66	2.66
Forecast Price	0.4824	0.4824	0.4824	0.4824	0.4824	0.4824
Actual Price	0.4849	0.4934	0.4796	0.5562	0.4764	0.4871
YTD Generation	5,423,600	8,606,900	10,926,000	12,742,900	12,829,200	13,615,600
YTD Forecast Eff.	2.66	2.66	2.66	2.66	2.66	2.66
Forecast Price	0.4824	0.4824	0.4824	0.4824	0.4824	0.4824
Actual Price	0.4849	0.4881	0.4862	0.4952	0.4950	0.4945
Monthly Price Variance	-5,039.23	-13,125.26	2,436.74	-50,398.58	193.12	-1,401.05
Cumulative	-5,039.23	-18,164.49	-15,727.75	-66,126.33	-65,933.21	-67,334.26
Cumulative YTD price variance	-5,039.23	-18,403.56	-15,500.32	-61,523.01	-60,658.33	-61,826.21
Cumulative adjustment	-0.00	-239.07	227.43	4,603.32	5,274.88	5,508.05
Current Month adjustment		-239.06	466.50	4,375.88	671.57	233.16
Adjusted Monthly Price Variance	-5,039.23	-13,364.32	2,903.24	-46,022.70	864.69	-1,167.89

PRICE VARIANCE SUMMARY	JAN	FEB	MAR	APR	MAY	JUN
Faro - 9050-907-7310	-26,214.27	-71,193.62	-74,849.00	-5,671.54	-1,183.46	-2,622.06
Mayo - 9050-907-7330	-870.23	-322.30	-419.00	-322.31	-386.77	-354.54
Dawson - 9050-907-7320	-3,027.02	-1,827.81	-1,790.34	-8,016.98	-33,523.59	-16,626.18
Whitehorse - 9050-907-7370 Diesel	-292,604.05	-17,202.18	-90,956.71	-15,398.45	-1,686.94	-10,523.04
Whitehorse - 9050-721-7370 LNG	-5,039.23	-13,364.32	2,903.24	-46,022.70	864.69	-1,167.89
Total	-327,754.80	-103,910.23	-165,111.81	-75,431.98	-35,916.07	-31,293.69