



2010 Generic Stacking Order Version 1- September 23, 2005

New SO Number	Gen with 2nd Block	Name	In/Out Service Date	Generation Type	Winter Peak Capacity, MW*	Winter Med Capacity, MW*	Winter Low Capacity, MW*	Spring Peak Capacity, MW*	Spring Med Capacity, MW*	Spring Low Capacity, MW*	Summer Peak Capacity, MW*	Summer Med Capacity, MW*	Summer Low Capacity, MW*	Fall Peak Capacity, MW*	Fall Med Capacity, MW*	Fall Low Capacity, MW*
1	1	BEAR CREEK G2		Co-Cycle	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1	BEAR CREEK G1		Co-Cycle	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1	POPLAR HILL		Gas	SCM	SCM	off	SCM	off	off	off	off	off	SCM	off	off
4	1	VALLEYVIEW		Gas	off	SCM	off	SCM	off	off	off	off	off	SCM	off	off
5	1	FORT NELSON		Gas	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
6	1	RAINBOW 4, RL1		Co-gen	45.0	45.0	45.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
7	1	RAINBOW 5		Gas	25.0	20.0	10.0	20.0	20.0	10.0	10.0	10.0	10.0	20.0	10.0	10.0
8	1	RAINBOW 2		Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	1	CALPINE CTG		Co-Cycle	100.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	0.0	45.0	0.0	0.0
10	1	CALPINE STG		Co-Cycle	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11		CASTLE RIVER		Wind	8.2	15.2	22.2	13.3	12.2	9.7	4.2	5.4	8.0	22.0	15.2	13.3
12		McBRIDE		Wind	18.5	31.6	55.4	26.3	25.5	24.1	6.5	13.0	20.1	45.0	30.0	30.9
13		SUNCOR MAGRATH		Wind	13.5	13.5	13.5	10.3	10.3	10.3	7.7	7.7	7.7	11.4	11.4	11.4
14		SUMMERVIEW 1		Wind	30.8	30.8	30.8	23.5	23.5	23.5	17.5	17.5	17.5	26.1	26.1	26.1
15		COWLEY RIDGE WIND POWER PHASE1		Wind	2.2	3.4	5.0	4.1	3.0	2.6	1.3	1.6	2.0	4.9	3.8	3.2
16		COWLEY EXPANSION 1		Wind	0.2	0.3	0.4	0.3	0.2	0.2	0.1	0.1	0.2	0.4	0.3	0.2
17		COWLEY EXPANSION 2		Wind	0.2	0.3	0.4	0.3	0.3	0.2	0.1	0.2	0.2	0.4	0.4	0.3
18		COWLEY NORTH		Wind	5.0	6.9	9.9	7.1	5.4	4.4	2.0	2.8	4.2	9.5	7.1	6.0
19		COWLEY RIDGE WIND POWER PHASE2		Wind	2.1	3.1	4.5	3.6	2.6	2.1	1.0	1.4	1.9	4.5	3.3	2.7
20		BENIGN KETTLES HILL	2005-12-05 / 2006-07-31	Wind	28.4	28.4	28.4	21.7	21.7	21.7	16.1	16.1	16.1	24.0	24.0	24.0
21		TABER WIND	01-12-2005	Wind	36.0	36.0	36.0	27.5	27.5	27.5	20.5	20.5	20.5	30.5	30.5	30.5
22		TAYLOR WIND PLANT	07-12-2004	Wind	0.9	1.2	1.7	1.2	1.2	1.2	0.3	0.5	0.7	1.6	1.2	1.0
23		PINCHER CREEK		DG (Wind)	0.1	0.6	2.2	0.2	0.4	0.5	0.0	0.0	0.0	0.2	0.2	0.5
24		GW POWER SODERGLEN	01-04-2006	Wind	31.7	31.7	31.7	24.3	24.3	24.3	18.0	18.0	18.0	26.9	26.9	26.9
25		BLUE TRAIL	01-04-2006	Wind	27.0	27.0	27.0	20.6	20.6	20.6	15.4	15.4	15.4	22.9	22.9	22.9
26		SUMMERVIEW PHASE 2	01-04-2006	Wind	27.0	27.0	27.0	20.6	20.6	20.6	15.4	15.4	15.4	22.9	22.9	22.9
27		CHIN CHUTE	01-07-2006	Wind	13.5	13.5	13.5	10.3	10.3	10.3	7.7	7.7	7.7	11.4	11.4	11.4
28		CASTLE ROCK RIDGE	01-09-2006	Wind	50.4	50.4	50.4	38.5	38.5	38.5	28.7	28.7	28.7	42.7	42.7	42.7
29		PLANNING GEN 1	05-01-2006	Wind	54.0	54.0	54.0	41.3	41.3	41.3	30.7	30.7	30.7	45.7	45.7	45.7
30		WATERTON WIND FARM	04-06-2006	Wind	135.0	135.0	135.0	103.2	103.2	103.2	76.8	76.8	76.8	114.3	114.3	114.3
31		PLANNING GEN 2	12-01-2007	Wind	90.0	90.0	90.0	68.8	68.8	68.8	51.2	51.2	51.2	76.2	76.2	76.2
32		PLANNING GEN 3	01-01-2007	Wind	44.6	44.6	44.6	34.1	34.1	34.1	25.3	25.3	25.3	37.7	37.7	37.7
33		GLENWOOD		DG (Wind)	0.0	0.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
34		WESGEN		Bio-mass	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35		WHITE COURT		Bio-mass	23.3	23.2	23.2	24.3	22.4	22.7	22.6	22.4	23.8	24.2	22.3	22.6
36		BRIDGE CREEK		Gas-decomp	3.3	3.4	3.6	3.7	3.6	3.9	2.9	3.0	1.9	3.3	3.4	3.6
37		DRAYTON VALLEY PL IPP		Bio-mass	8.3	8.8	8.9	6.7	8.0	8.6	8.9	9.7	10.2	10.2	9.8	9.9
38		BELLY RIVER IPP		Hydro	0.0	0.0	0.0	0.8	1.3	1.3	2.8	2.8	2.8	0.0	1.3	1.5
39		CHIN CHUTE		Hydro	0.0	0.0	0.0	2.0	2.8	3.2	10.2	9.5	8.5	0.0	4.4	5.0
40		DICKSON DAM 1		Hydro	4.8	4.7	4.7	5.6	6.8	7.1	10.9	12.2	12.5	5.0	7.9	8.3
41		WATER IPP		Hydro	1.0	1.5	1.7	1.3	1.0	0.9	1.0	1.2	1.7	1.2	1.5	1.6
42		ST MARY IPP		Hydro	2.2	2.2	2.2	1.2	1.2	1.2	1.4	1.4	1.0	2.1	1.7	1.7
43		RAYMOND RESERVOIR		Hydro	0.0	0.0	0.0	4.1	4.8	5.4	18.9	16.3	13.0	0.0	6.1	7.0
44		DOW GTG		Co-gen	18.2	2.9	0.0	0.0	0.6	0.7	3.6	1.1	1.3	0.0	2.3	0.2
45	1	FOSTER CREEK G1		Co-gen	64.0	64.4	65.5	57.0	43.4	45.0	57.3	57.3	59.6	52.7	53.1	51.7
46		MAHKESES, COLD LAKE		Co-gen	52.1	49.9	48.1	46.7	43.8	43.6	39.4	52.8	65.6	45.5	51.7	52.7
47	1	NOVA JOFFRE		Co-gen	135.0	127.7	115.9	110.3	85.4	72.1	129.7	118.5	114.7	109.8	99.9	97.1
48	1	MUSKEG		Co-gen	60.3	53.0	48.2	51.4	47.0	42.7	56.0	42.9	38.9	56.5	49.7	39.2
49	1	McKAY RIVER		Co-gen	151.1	132.7	116.9	123.1	116.8	106.3	111.9	113.3	84.1	130.8	108.0	104.9
50	1	PRIMROSE		Co-gen	55.9	53.1	51.2	45.8	45.2	45.8	42.9	45.6	48.9	40.0	35.2	36.5



115	2	BATTLE RIVER #3		Coal	14.5	14.8	14.6	15.6	11.0	9.9	9.6	12.5	13.6	15.0	15.7	14.9
116	2	BATTLE RIVER #4		Coal	16.8	16.4	15.3	16.7	15.4	14.5	13.2	16.7	12.0	17.3	16.1	15.1
117	2	BATTLE RIVER #5		Coal	22.7	22.9	23.7	24.2	23.5	22.8	15.5	15.0	8.5	24.7	24.2	22.6
118	2	KEEPCILLS #3		Coal	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
119	2	PLANNING GEN 5	01-07-2010	Coal	0.0	0.0	0.0	0.0	0.0	0.0	130.5	130.5	130.5	130.5	130.5	130.5
120	2	POCATERRA		Hydro	1.4	0.7	0.0	1.3	0.6	0.0	0.6	0.1	0.0	1.8	1.0	0.0
121	2	INTERLAKES		Hydro	0.3	0.1	0.0	0.1	0.1	0.0	0.2	0.0	0.0	0.3	0.2	0.0
122	2	CASCADE		Hydro	4.8	2.4	0.1	3.1	2.5	0.3	1.4	0.3	0.0	5.0	2.9	0.3
123	2	HORSESHOE		Hydro	1.5	1.2	1.2	1.5	1.3	1.3	2.0	1.9	1.9	1.6	1.6	1.6
124	2	KANANASKIS		Hydro	1.9	1.4	1.5	1.9	1.7	1.6	2.6	2.7	2.8	2.0	2.1	1.9
125	2	BARRIER		Hydro	1.7	1.0	0.1	1.4	1.4	0.1	1.9	0.9	0.1	2.1	1.7	0.3
126	2	RUNDLE		Hydro	2.9	1.8	0.4	2.5	2.1	0.3	1.6	1.0	0.1	2.6	2.4	0.5
127	2	THREE SISTERS		Hydro	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0
128	2	GHOST		Hydro	10.9	5.2	1.0	9.0	7.8	2.1	15.0	11.0	8.0	14.1	10.0	3.3
129	2	SPRAY		Hydro	12.4	7.7	1.9	10.9	9.1	1.4	6.1	4.4	0.3	11.3	10.3	2.2
130	2	BEARSPAW		Hydro	1.3	1.4	1.6	1.6	1.7	1.7	2.6	2.7	3.0	1.6	1.8	1.9
131	2	BIGHORN		Hydro	15.6	9.7	6.5	11.6	10.6	6.9	16.2	10.2	5.1	16.5	13.4	7.0
132	2	BRAZEAU		Hydro	32.9	12.4	0.2	21.0	17.1	2.3	40.2	14.3	0.4	35.9	22.0	3.5
133	2	CALPINE CTG		Co-Cycle	19.6	51.8	7.2	66.2	22.0	6.7	89.0	51.0	18.0	76.3	89.9	52.0
134	2	CALPINE STG		Co-Cycle	65.3	29.2	3.3	40.0	13.5	3.9	88.5	32.9	11.9	67.4	53.9	31.8
135	2	CARSELAND		Co-gen	11.8	10.0	8.5	10.2	9.6	9.0	8.5	9.1	9.2	8.3	9.8	9.0
136	2	CAVAILIER		Co-Cycle	7.9	3.9	0.4	19.6	17.4	8.7	42.7	18.8	8.4	15.9	26.3	6.9
137	2	BALZAC		Co-Cycle	5.1	0.7	0.0	0.2	0.5	0.1	28.5	10.0	2.5	2.4	6.4	2.5
138	2	MUSKEG		Co-gen	14.6	12.9	11.7	12.4	11.4	10.3	13.6	10.4	9.4	13.7	12.0	9.5
139	2	NOVA JOFFRE		Co-gen	11.3	10.7	9.7	9.2	7.1	6.0	10.8	9.9	9.6	9.2	8.4	8.1
140	2	SUNCOR MILLENIUM		Co-gen	31.8	32.2	30.8	32.9	24.0	21.0	18.6	21.5	23.7	29.0	27.0	25.1
141	2	FOSTER CREEK G1		Co-gen	5.7	5.7	5.8	5.0	3.8	4.0	5.1	5.1	5.3	4.7	4.7	4.6
142	2	PRIMROSE		Co-gen	5.2	4.9	4.6	4.0	4.0	4.0	3.7	4.0	4.4	3.4	2.8	3.0
143	2	REDWATER		Co-gen	5.6	4.6	3.1	4.9	3.9	3.1	3.7	4.0	3.9	4.9	3.9	3.4
144	2	BEAR CREEK G2		Co-Cycle	0.0	10.8	9.7	11.7	11.0	10.5	17.4	18.5	23.2	8.1	15.6	14.7
145	2	McKAY RIVER		Co-gen	12.6	11.0	9.7	10.2	9.7	8.8	9.3	10.2	9.4	7.0	10.9	8.7
146		ROSSDALE 9		Gas	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.4	0.0	0.0	1.3	0.6
147		ROSSDALE 8		Gas	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.5	0.0	0.0	0.7	0.4
148		ROSSDALE 10		Gas	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.3	0.0	0.0	0.0	0.0
149		DRYWOOD 1		Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150	2	FORT NELSON		Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151	2	POPLAR HILL		Gas	24.3	8.7	0.0	10.9	2.3	0.4	1.2	1.9	0.0	2.2	1.0	0.3
152	2	RAINBOW 5		Gas	0.0	0.0	4.2	8.0	3.6	8.5	20.0	12.9	12.4	0.0	0.0	0.0
153	2	RAINBOW 4, RL1		Co-gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154	2	RAINBOW 2		Gas	12.0	8.1	11.1	1.8	2.5	1.2	23.4	23.3	24.4	31.7	30.5	30.7
155	2	BEAR CREEK G1		Co-Cycle	4.8	4.9	0.1	2.7	9.0	6.3	41.1	24.0	20.2	19.5	26.6	23.6
156	2	VALLEYVIEW		Gas	4.8	0.9	0.0	1.5	0.9	0.1	0.1	0.0	0.0	0.6	0.8	0.5
157		STURGEON 1		Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158		STURGEON 2		Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159		RAINBOW 3		Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160		RAINBOW 1		Gas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161		PLANNING GEN 6	TBD	Wind	34.7	34.7	34.7	26.5	26.5	26.5	19.7	19.7	19.7	29.3	29.3	29.3
162		PLANNING GEN 7	TBD	Wind	135.0	135.0	135.0	103.2	103.2	103.2	76.8	76.8	76.8	114.3	114.3	114.3
163		PLANNING GEN 8	30-11-2006	Wind	9.0	9.0	9.0	6.9	6.9	6.9	5.1	5.1	5.1	7.6	7.6	7.6
164		PLANNING GEN 9	TBD	Wind	135.0	135.0	135.0	103.2	103.2	103.2	76.8	76.8	76.8	114.3	114.3	114.3
165		PLANNING GEN 10	2007	Wind	288.0	288.0	288.0	220.2	220.2	220.2	163.8	163.8	163.8	243.8	243.8	243.8

\* Capacity is determined as per AESO rules for the periods defined.

Wind generation additions are based on applications and estimations submitted to the AESO in 2005. These additions are for GSO purpose only and are not meant to presuppose the ability of the system to accommodate any level of wind generation.



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