

DRAFT DELIBERATIVE – FOR DISCUSSION PURPOSES ONLY

	in-state RE only, 873 lbs/MWH target	in-state and out- of-state RE, 873 lbs/MWH target	in-state and out- of-state RE, net EE gain after retirements, 873 lbs/MWH target	in-state RE only, 1,000 lbs/MWH target	in-state and out- of-state RE, 1,000 lbs/MWH target	in-state and out- of-state RE, 250 MW new MHEB hydro, 1,000 lbs/MWH target	alternative RE goal (871 lbs/MWH), in- state and out- of-state RE
million tons CO2 @ 2025	34.58	34.58	34.58	34.58	34.58	34.58	34.58
emissions rate target level (lbs/MWH)	873	873	873	1,000	1,000	1,000	871
needed denominator million MWH	79.2	79.2	79.2	69.2	69.2	69.2	79.4
coal, natural gas units	36.05	36.05	36.05	36.05	36.05	36.05	36.05
heat rate improvements (2% coal ST)	0.58	0.58	0.58	0.58	0.58	0.58	0.58
in-state renewable energy (RE)	16.32	16.32	16.32	16.32	16.32	16.32	16.32
in-state nuclear	0.84	0.84	0.84	0.84	0.84	0.84	0.84
new energy efficiency savings	9.39	9.39	5.12	9.39	9.39	9.39	9.39
out-of-state non-hydro RE	-	2.78	2.78	-	2.78	2.78	2.78
new Manitoba hydro (MHEB-MP)	-	-	-	-	-	1.58	-
other	-	-	-	-	-	-	-
deficit (million MWH)	16.03	13.26	17.53	5.97	3.20	1.61	13.44
deficit as % of forecasted net generation plus credited out-of-state generation	0.25	0.20	0.26	0.09	0.05	0.02	0.20
needed CO2 level at given denominator (million tons)	27.58	28.79	26.93	31.59	32.98	33.77	28.73
difference between forecast and needed (million tons CO2)	7.00	5.79	7.65	2.99	1.60	0.81	5.85
difference as % of forecasted	0.20	0.17	0.22	0.09	0.05	0.02	0.17