

Mr. Criswell
June 23, 2023
Page 6

Table 2: Summary of Capital, O&M and Levelized Costs for Class 5 Estimate Method, 2022 Emission Baseline

Summary of Particulate Emissions Control Costs from Colstrip									
PM-10 Control Alternative (Ranked by PM-10 Rate)	PM Removal Efficiency %	Emissions				Economic Impacts			
		Emission	Hourly	Annual	Emission	Installed	Annual	Total	Average
		Rate	Emission	Emission	Reduction	Capital	O & M	Annual	Control
	(Note B)	lb/MMBtu	Lbs/Hr	Tons/yr	Tons/yr	Cost in millions \$	Cost in millions \$	Cost millions/yr	Cost \$/ton
Upstream ESP	54.55	0.010	152	566	679	486.0	29.8	87.4	128,700
Upstream FF	54.55	0.010	152	566	679	404.9	29.9	78.0	114,900
Wet ESP	54.55	0.010	152	566	679	744.5	16.6	104.9	154,500
Reheat ESP	54.55	0.010	152	566	679	263.5	10.5	41.8	61,600
Reheat FF	54.55	0.010	152	566	679	351.2	14.9	56.5	83,200
2022 Baseline (Scrubber)		0.022	334	1245		N/A	N/A	N/A	N/A

2025-EPA-04883-00000307-00037
Sierra Club FOIA - 2025-EPA-04883

ED_018388_00000307-00037