

Mr. Criswell
June 23, 2023
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Table 4: Summary of Capital, O&M and Levelized Costs for EPA 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 Capital	Annual O & M	Total Annual	Average Control
		Rate lb/MMBtu	Emission Lbs/Hr	Emission Tons/yr	Reduction Tons/yr	Cost in millions \$	Cost in millions \$	Cost millions/yr	Cost \$/ton
Upstream ESP	54.55	0.010	152	566	679	406.1	29.8	78.0	114,900
Upstream FF	54.55	0.010	152	566	679	338.3	29.9	70.1	103,200
Wet ESP	54.55	0.010	152	566	679	622.2	16.6	90.4	133,100
Reheat ESP	54.55	0.010	152	566	679	220.2	10.5	36.6	53,900
Reheat FF	54.55	0.010	152	566	679	293.4	14.9	49.7	73,200
2022 Baseline (Scrubber)		0.022	334	1245		N/A	N/A	N/A	N/A

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