

Mr. Criswell  
June 23, 2023  
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Table 3: Summary of Capital, O&M and Levelized Costs for Class 5 Estimate Method, EPA Emission Baseline

| Summary of Particulate Emissions Control Costs from Colstrip |                                |                  |                    |                     |                      |                        |                        |                     |                 |
|--------------------------------------------------------------|--------------------------------|------------------|--------------------|---------------------|----------------------|------------------------|------------------------|---------------------|-----------------|
| PM-10 Control Alternative<br>(Ranked by PM-10 Rate)          | PM Removal Efficiency<br><br>% | Emissions        |                    |                     |                      | Economic Impacts       |                        |                     |                 |
|                                                              |                                | Emission         | Hourly             | Annual              | Emission             | Installed Capital      | Annual O & M           | Total Annual        | Average Control |
|                                                              |                                | Rate<br>lb/MMBtu | Emission<br>Lbs/Hr | Emission<br>Tons/yr | Reduction<br>Tons/yr | Cost<br>in millions \$ | Cost<br>in millions \$ | Cost<br>millions/yr | Cost<br>\$/ton  |
| Upstream ESP                                                 | 48.72                          | 0.010            | 152                | 566                 | 538                  | 486.0                  | 29.8                   | 87.4                | 162,500         |
| Upstream FF                                                  | 48.72                          | 0.010            | 152                | 566                 | 538                  | 404.9                  | 29.9                   | 78.0                | 145,000         |
| Wet ESP                                                      | 48.72                          | 0.010            | 152                | 566                 | 538                  | 744.5                  | 16.6                   | 104.9               | 195,000         |
| Reheat ESP                                                   | 48.72                          | 0.010            | 152                | 566                 | 538                  | 263.5                  | 10.5                   | 41.8                | 77,700          |
| Reheat FF                                                    | 48.72                          | 0.010            | 152                | 566                 | 538                  | 351.2                  | 14.9                   | 56.5                | 105,000         |
| 2022 Baseline<br>(Scrubber)                                  |                                | 0.0195           | 296                | 1103                |                      | N/A                    | N/A                    | N/A                 | N/A             |

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