

Tri-State Montrose-Nucla-Cahone Transmission Line

Improvement Project

Draft Plan of Development

Montrose, Ouray, San Miguel, and Dolores Counties, Colorado

Appendix I

Draft Dust Control and Air Quality Plan

Appendix I

Draft Dust Control and Air Quality Plan

The objective of this Draft Dust Control and Air Quality Plan is to detail practices designed to address potential impacts from construction of the Tri-State Montrose-Nucla-Cahone Transmission Improvement Project (Project). Tri-State Generation and Transmission Association (Tri-State) has developed this plan as part of the Plan of Development (POD) that accompanies its application to the Bureau of Land Management (BLM) for a Right of Way (ROW) grant. If the ROW grant is approved, the final POD and all appendices will be attached to the Decision Record. This plan provides guidance to construction and field personnel on measures identified by Tri-State, BLM and US Forest Service (FS) to minimize effects during construction activities associated with the Project. It will be the responsibility of Tri-State and its project contractors, working with designated environmental inspectors, to comply with measures identified in this plan.

Dust Control

The objective of this fugitive dust control plan is to identify potential dust emission sources and provide guidance to construction and field personnel on measures to control the generation of fugitive dust during construction activities. It will be the responsibility of Project contractors, working with designated environmental inspectors, to identify all activities generating fugitive dust, implement feasible control measures, and ensure compliance with applicable fugitive dust regulations.

Fugitive dust could be generated directly from transmission line construction. The following construction activities have been identified as having the potential for generating fugitive dust:

- Vehicle and motorized equipment movement on unpaved access roads;
- Vegetation removal;
- Clearing and grading;
- Topsoil removal;
- Cutting and filling;
- Use of helicopters
- Backfilling;
- Blasting;
- Bulk material loading, hauling and unloading;
- Use of material storage piles, and
- Use of parking, staging, and storage areas.

It is the responsibility of the Project contractor(s) and the designated Environmental Monitor to ensure all sources of dust generation are identified. Application of water will be via water trucks.

Fugitive dust will be controlled during construction by reducing vehicle and equipment speeds on unpaved surfaces and minimizing the amount of exposed soil. The Environmental Monitor and lead construction inspector will monitor construction to ensure that dust does not leave the work area and accumulate on adjacent crops, cultivated fields, dwellings, or roadways. If dust becomes excessive, the Environmental Monitor will establish a maximum speed limit in dust-prone areas, cover stockpiles, and/or apply water to access roads and work areas as necessary.

The following Environmental Protection Measures (EPMs) apply:

Table I-1: Air Quality Environmental Protection Measures

| Measure | Description |
|---------|---|
| AQ-1 | Tri-State and its contractor(s) shall utilize practicable methods and devices as are reasonably available to control, prevent, and otherwise minimize atmospheric emissions or discharges of air contaminants. |
| AQ-2 | Possible construction related dust disturbance shall be controlled by the periodic application of water to all disturbed areas along the ROW and access roads, thus preventing any visible dust plumes from project-related traffic or excavation activities. |
| AQ-3 | Vehicles and equipment showing excessive emission of exhaust gases due to poor engine adjustments or other inefficient operating conditions shall not be operated until corrective adjustments or repairs are made. |
| AQ-4 | Post seeding mulch or other approved methods will be utilized during reclamation activities to help reduce wind erosion and blowing dust. Soil stabilization will be performed as soon as possible after completion of project activities to minimize potential fugitive dust generation as re-vegetation occurs. |
| AQ-5 | The contractor shall turn off equipment when it is not in use. |
| AQ-6 | When wind speeds exceed 20 mph, Tri-State and contractors would minimize new disturbance to the extent possible and/or mobilize additional water trucks to minimize fugitive dust from exposed surfaces. Also see AQ-4. |