

The air quality in the vicinity of the Project is generally good and typical of a remote and rural setting within South Australia. The primary land uses along the transmission line are agriculture, pastoral and grazing, and conservation. It is expected that the primary contribution from these land uses to local air quality are dust from agricultural activities such as cultivating, harvesting crops and movement of livestock and pesticides, fertilisers from aerial crop spraying, and emissions from agricultural machinery.

Air Quality Studies

A specialist air quality assessment was undertaken to better understand the Project's potential contribution to air quality. Dust generated from soil disturbance for access track construction, helicopter use and general construction activities were associated with the Bunday Substation. The construction phase impacts were assessed using a risk-based assessment procedure and considered mitigation measures to manage potential consequences. A quantitative assessment of greenhouse gas emissions was also undertaken, with emissions compared with total national and South Australian emissions.

Findings



Dust impacts to residences during construction

Construction activities will result in dust emissions however, these will be small-scale, temporary and confined to the immediate vicinity of the disturbance footprint and will have minor impacts to local residences. Dust mitigation measures will include watering, minimising potential for wind erosion, visual monitoring of dust generation, progressive rehabilitation of temporary construction areas and ongoing stakeholder consultation.



Greenhouse gas emissions

Project-related land clearing and fuel combustion will be negligible and will not significantly contribute to global greenhouse gas emissions. It should be noted that the Project will assist in the transition away from traditional fossil fuel-based electricity generation to a greater mix of renewable energy sources. This in turn will aid the SA and NSW governments in achieving their goal to achieve net zero emissions by 2050.



Further detail on the potential impacts and proposed mitigation measures are contained in the Environmental Impact Statement (EIS).



Dust impacts to residences during operation

Operational activities are not expected to cause any adverse public nuisance or public health impacts from dust generation.

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You can view the EIS, be kept up to date with Project information and provide feedback by visiting the online engagement room on our website or by contacting the Project team.

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