

Photo Location 16 Existing view west to north west from Alton Lane



Photo Location 16 Proposed view west to north west from Alton Lane









#### 10.5.3 Visibility Matrix

Potential view locations from residential locations are illustrated in **Figure 10-10**. **Table 10-3** presents the Visibility Matrix for the potential view locations together with the:

- category of viewer;
- context of view;
- approximate distance between the view location and the Facility;
- relative numbers of people; and
- period of view.

The visibility rating has been assessed in accordance with the visibility criteria outlined in **Section 10.2.3.** This methodology considers the visibility rating to be a result of the distance to the proposed power station; the period of view (ranging from short term <10 minutes to long term >2 hrs), and the number of viewers likely to be impacted. As outlined in **Table 10-3** below, all residential locations are considered with 'high viewer sensitivity'.





| View<br>Location | Category of Viewer | View Context  | Approx. distance from<br>Project elements                                    | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|--------------------|---|--|----------------------------------|--------------------------|-----------------------|--|
| R1               | Resident           | Long distance views north toward the proposed power<br>station from Dalton rural township are partially<br>screened by buildings and vegetation within the Dalton<br>built area. Potential views may extend toward the upper<br>portions of the exhaust stacks from residences on the<br>north fringe of the village which, at a long distance, are<br>unlikely to create a significant visual impact.<br>Long distance views toward the communication tower<br>will be largely screened by tree cover within and<br>surrounding residences within the village, although a<br>small number of residences will experience direct and<br>indirect views toward the tower, including views from<br>garden areas or land immediately surrounding<br>dwellings.<br>Short to very short distance views toward the valve<br>station will be largely screened by tree cover, as well<br>as built structures within the village. | Power Station: 4.1km<br>Communication Tower:<br>4.3km<br>Valve Station: 870m | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low (and generally Nil) for the<br>majority of dwellings within the<br>Dalton village area.<br>Communication Tower<br>Low (and generally Nil) for the<br>majority of dwellings within the<br>Dalton village area.<br>Valve Station<br>Low (and generally Nil) for the<br>majority of dwellings within the<br>Dalton village area. |

 Table 10-3
 Visibility Matrix - View Locations



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| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated<br>period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|--|---|----------------------------------|-----------------------------|-----------------------|--|
| R1a              | Resident              | Long distance views north toward the proposed power<br>station from rural residential dwelling are generally<br>screened by the influence of topography and<br>vegetation. Potential views may extend toward the<br>upper portions of the exhaust stacks which, at a<br>medium distance, are unlikely to create a significant<br>visual impact.<br>Long distance views toward the communication tower<br>will be partially screened by low undulating landform<br>and scattered tree cover to the north of the residence.<br>Short distance views toward the valve station will be<br>largely screened by tree planting to the west of the<br>residence. | Power Station: 3.7km<br>Communication Tower:<br>3.2km<br>Valve Station: 1.8km | Low                              | Potentially Long<br>Term    | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Nil |
| R2               | Resident              | Long distance views north to north east toward the<br>proposed power station from residential dwellings are<br>partially screened by vegetation and the influence of<br>topography. Potential views may extend toward the<br>upper portions of the exhaust stacks which, at a long<br>distance, are unlikely to create a significant visual<br>impact.<br>Long distance views will extend toward the<br>communication tower, which would not be expected to<br>be visually prominent at this long distance view.<br>Short distance views will extend toward the valve<br>station which would not tend to be visually prominent.                          | Power Station: 4.6km<br>Communication Tower:<br>5km<br>Valve Station: 1.5km   | Low                              | Potentially Long<br>Term    | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |

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| View<br>Location | Category<br>of Viewer | View Context  | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated<br>period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|---|---|----------------------------------|-----------------------------|-----------------------|--|
| R2a              | Residents             | Long distance views north to north east toward the<br>proposed power station from residential dwellings are<br>partially screened by vegetation and the influence of<br>topography. Potential views may extend toward the<br>upper portions of the exhaust stacks which, at a long<br>distance, are unlikely to create a significant visual<br>impact.<br>Long distance views will extend toward the<br>communication tower, which would not be expected to<br>be visually prominent at this long distance view.<br>Short distance views will extend toward the valve<br>station which would not tend to be visually prominent. | Power Station: 4.3km<br>Communication Tower:<br>4.7km<br>Valve Station: 1.1km | Low                              | Potentially Long<br>Term    | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |
| R3               | Resident              | Long distance views north to north east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are partially<br>screened by vegetation and the influence of<br>topography. Potential views may extend toward the<br>upper portions of the exhaust stacks which, at a long<br>distance, are unlikely to create a significant visual<br>impact.   | Power Station: 4.9km<br>Communication Tower:<br>5.5km<br>Valve Station: 1.9km | Low                              | Potentially Long<br>Term    | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |

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| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|--|---|----------------------------------|--------------------------|-----------------------|--|
| R4               | Residents             | Long distance views north to north east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are partially<br>screened by vegetation surrounding the residence and<br>the influence of topography. Potential views may<br>extend toward the upper portions of the exhaust stacks<br>which, at a long distance, are unlikely to create a<br>significant visual impact.            | Power Station: 5.8km<br>Communication Tower:<br>6.4km<br>Valve Station: 2.9km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |
| R5               | Residents             | Long distance views north to north east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are partially<br>screened by vegetation surrounding and beyond the<br>residence and the influence of topography. Potential<br>views may extend toward the upper portions of the<br>exhaust stacks which, at a long distance, are unlikely to<br>create a significant visual impact. | Power Station: 6.2km<br>Communication Tower:<br>7km<br>Valve Station: 3.9km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |
| R6               | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are generally<br>screened by agricultural buildings to the east of the<br>residence.   | Power Station: 4.9km<br>Communication Tower:<br>6km<br>Valve Station: 3.2km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |



| View<br>Location | Category<br>of Viewer | View Context  | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|---|---|----------------------------------|--------------------------|-----------------------|--|
| R7               | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are largely<br>screened by influence of local topography. | Power Station: 4.8km<br>Communication Tower:<br>6km<br>Valve Station: 3.4km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Low<br>Valve Station<br>Nil |
| R8               | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are largely<br>screened by influence of local topography. | Power Station: 6.2km<br>Communication Tower:<br>7.3km<br>Valve Station: 4.6km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R9               | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are screened by<br>influence of local topography          | Power Station: 5km<br>Communication Tower:<br>6.4km<br>Valve Station: 4.5km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |



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| View<br>Location | Category<br>of Viewer | View Context  | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|---|---|----------------------------------|--------------------------|-----------------------|--|
| R10              | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are screened by<br>influence of local topography.   | Power Station: 4.8km<br>Communication Tower:<br>6.2km<br>Valve Station: 4.9km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R11              | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower and<br>valve station from residential dwelling are screened by<br>influence of local topography.   | Power Station: 5.5km<br>Communication Tower:<br>6.9km<br>Valve Station: 5.3km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R12              | Resident              | Long distance views north toward the proposed power<br>station and communication tower from residential<br>dwelling are generally screened by influence of<br>topography and vegetation.<br>Very short distance views toward the valve station will<br>occur from areas surrounding the residence, with some<br>partial screening provided by tree planting within the<br>property. | Power Station: 3.4km<br>Communication Tower:<br>3.5km<br>Valve Station: 290m  | Low                              | Potentially Long<br>Term | High                  | Power Station Nil Communication Tower Nil Valve Station Low                |





| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements                                    | Relative<br>number of<br>viewers | Estimated<br>period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|--|--|----------------------------------|-----------------------------|-----------------------|--|
| R13              | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower from the<br>residential dwelling are generally screened by influence<br>of topography and vegetation. Potential views may<br>extend toward the upper portions of the exhaust stacks<br>which, at a medium to long distance, are unlikely to<br>create a significant visual impact.<br>Very short distance views toward the valve station will<br>occur from areas surrounding the residence, with some<br>partial screening provided by tree planting within the<br>property. | Power Station: 4km<br>Communication Tower:<br>3.5km<br>Valve Station: 490m   | Low                              | Potentially Long<br>Term    | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |
| R14              | Resident              | Long distance views north east to east toward the<br>proposed power station, communication tower from the<br>residential dwelling are partially screened by influence<br>of topography and vegetation. Potential views may<br>extend toward the upper portions of the exhaust stacks<br>which, at a medium to long distance, are unlikely to<br>create a significant visual impact.<br>Very short distance views toward the valve station will<br>occur from areas surrounding the residence, with some<br>partial screening provided by tree planting within the<br>property. | Power Station: 3.2km<br>Communication Tower:<br>3.7km<br>Valve Station: 680m | Low                              | Potentially Long<br>Term    | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |

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| View<br>Location | Category of Viewer | View Context  | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|--------------------|---|---|----------------------------------|--------------------------|-----------------------|--|
| R15              | Resident           | Long distance views north east toward the proposed<br>power station and communication tower from<br>residential dwelling are largely screened by vegetation<br>surrounding the residence.<br>Medium distance views toward the valve station will be<br>screened by scattered tree cover and low undulating<br>landform to the east of the residence.  | Power Station: 3.8km<br>Communication Tower:<br>4.8km<br>Valve Station: 2.2km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Nil |
| R16              | Resident           | Long distance views north east toward the proposed<br>power station and communication tower from<br>residential dwelling are generally screened by influence<br>of topography and vegetation. Potential views may<br>extend toward the upper portions of the exhaust stacks<br>which, at a medium to long distance, are unlikely to<br>create a significant visual impact.<br>Medium distance views toward the valve station will be<br>screened by scattered tree cover and low undulating<br>landform to the east of the residence. | Power Station: 3.2km<br>Communication Tower:<br>4km<br>Valve Station: 1.5km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Nil |
| R17              | Resident           | Medium and long distance views north east and east<br>toward the proposed power station and communication<br>tower from residential dwelling are generally screened<br>by vegetation surrounding the residence. Potential<br>views may extend toward the upper portions of the<br>exhaust stacks which, at a medium to long distance,<br>are unlikely to create a significant visual impact.<br>Medium distance views will extend toward the valve<br>station.  | Power Station: 2.8km<br>Communication Tower:<br>3.5km<br>Valve Station: 1.1km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |



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| View<br>Location | Category<br>of Viewer | View Context  | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|---|---|----------------------------------|--------------------------|-----------------------|--|
| R18              | Resident              | Medium and long distance views north east and east<br>toward the proposed power station and communication<br>tower from residential dwelling are generally screened<br>by vegetation surrounding the residence. Potential<br>views may extend toward the upper portions of the<br>exhaust stacks which, at a medium to long distance,<br>are unlikely to create a significant visual impact.<br>Medium distance views will extend toward the valve<br>station.  | Power Station: 2.3km<br>Communication Tower:<br>2.9km<br>Valve Station: 1.2km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |
| R19              | Resident              | Medium and long distance views north east and east<br>toward the proposed power station and communication<br>tower from residential dwelling are generally screened<br>by vegetation surrounding and beyond the residence.<br>Potential views may extend toward the upper portions<br>of the exhaust stacks which, at a medium to long<br>distance, are unlikely to create a significant visual<br>impact.<br>Medium distance views toward the valve station will be<br>partially screened by scattered tree cover beyond the<br>residence. | Power Station: 2.3km<br>Communication Tower:<br>3.4km<br>Valve Station: 2km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Low |

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| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|--|---|----------------------------------|--------------------------|-----------------------|--|
| R20              | Resident              | Medium distance views south east toward the<br>proposed power station and communication tower from<br>the residential dwelling are largely screened by<br>vegetation surrounding the residence. Long distance<br>views toward the valve station will be screened by<br>vegetation surrounding and beyond the residence.  | Power Station: 2.3km<br>Communication Tower:<br>3.7km<br>Valve Station: 4.6km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Nil |
| R21              | Resident              | Medium distance views south east toward the<br>proposed power station and communication tower from<br>residential dwelling are partially screened by<br>vegetation. Potential views may extend toward the mid<br>to upper portions of the exhaust stacks which, at a<br>medium to long distance, are unlikely to create a<br>significant visual impact.<br>Long distance views toward the valve station will be<br>blocked by landform and tree cover to the south and<br>east of the residence. | Power Station: 2.9km<br>Communication Tower:<br>4.3km<br>Valve Station: 5.2km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Low<br>Communication Tower<br>Low<br>Valve Station<br>Nil |

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| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|--|---|----------------------------------|--------------------------|-----------------------|--|
| R22              | Resident              | Long distance views west to north west toward the<br>proposed power station, communication tower and<br>valve station from the residential dwelling are screened<br>by the influence of topography and tree cover  | Power Station: 5.9km<br>Communication Tower:<br>4.4km<br>Valve Station: 6.9km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R23              | Resident              | Long distance views west to north west toward the<br>proposed power station, communication tower and<br>valve station from the residential dwelling are screened<br>by the influence of topography and tree cover as well<br>as localised vegetation surrounding the residence.<br>Distant view toward the communication tower may<br>extend from open agricultural areas within the property<br>boundary. | Power Station: 5.3km<br>Communication Tower:<br>4km<br>Valve Station: 7.3km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Low<br>Valve Station<br>Nil |
| R24              | Resident              | Long distance views west to north west toward the<br>proposed power station, communication tower and<br>valve station from the residential dwelling are screened<br>by the influence of topography and tree cover.   | Power Station: 4.4km<br>Communication Tower:<br>4km<br>Valve Station: 7.5km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |





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| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|--|---|----------------------------------|--------------------------|-----------------------|--|
| R25              | Resident              | Long distance views west to north west toward the<br>proposed power station, communication tower and<br>valve station from the residential dwelling are screened<br>by the influence of topography and tree cover. | Power Station: 6km<br>Communication Tower:<br>5.7km<br>Valve Station: 9.2km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R26              | Resident              | Long distance views west to north west toward the<br>proposed power station, communication tower and<br>valve station from the residential dwelling are screened<br>by the influence of topography and tree cover. | Power Station: 5.7km<br>Communication Tower:<br>5.6km<br>Valve Station: 8.9km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R27              | Resident              | Long distance views west to north west toward the<br>proposed power station, communication tower and<br>valve station from the residential dwelling are screened<br>by the influence of topography and tree cover. | Power Station: 5.4km<br>Communication Tower:<br>6km<br>Valve Station: 8.6km   | Low                              | Potentially Long<br>Term | High                  | Power Station Nil Communication Tower Nil Valve Station Nil                |



| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements                                     | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact  |
|------------------|-----------------------|--|---|----------------------------------|--------------------------|-----------------------|--|
| R28              | Resident              | Long distance views west to north west toward the<br>proposed power station, communication tower and<br>valve station from the residential dwelling are screened<br>by the influence of topography and tree cover. | Power Station: 4.2km<br>Communication Tower:<br>5.2km<br>Valve Station: 7km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R29              | Resident              | Long distance views south toward the proposed power<br>station from residential dwelling are generally screened<br>by influence of topography and vegetation.  | Power Station: 5.4km<br>Communication Tower:<br>6.5km<br>Valve Station: 8.1km | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |
| R30              | Resident              | Long distance views south toward the proposed power<br>station from residential dwelling are generally screened<br>by influence of topography and vegetation.  | Power Station: 4.7km<br>Communication Tower:<br>6km<br>Valve Station: 7.4km   | Low                              | Potentially Long<br>Term | High                  | Power Station<br>Nil<br>Communication Tower<br>Nil<br>Valve Station<br>Nil |



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| View<br>Location | Category<br>of Viewer | View Context   | Approx. distance from<br>Project elements | Relative<br>number of<br>viewers | Estimated period of view | Viewer<br>sensitivity | Potential Visual Impact    |
|------------------|-----------------------|--|---|----------------------------------|--------------------------|-----------------------|----------------------------|
| R31              | Resident              | Long distance views south toward the proposed power  | Power Station: 5.1km                      | Low                              | Potentially Long<br>Term | High                  | Power Station              |
|                  |                       | by influence of topography and vegetation.   | Communication Tower:                      |                                  |                          |                       | NII                        |
|                  |                       |  | 5km                                       |                                  |                          |                       | Communication Tower Nil    |
|                  |                       |  | Valve Station: 8.3km                      |                                  |                          |                       |                            |
|                  |                       |  |   |                                  |                          |                       | Valve Station              |
|                  |                       |  |   |                                  |                          |                       | Nil                        |
| R32              | Resident              | Long distance view west to south west toward the<br>proposed power station from residential dwelling are<br>likely to be screened by the influence of topography<br>and vegetation as well as tree cover surrounding the<br>residence. Short to medium distance views from the<br>residence toward the communication tower will be<br>partially screened by tree cover surrounding the<br>residence. | Power Station: 3.2km                      | Low                              | Potentially long<br>Term | High                  | Power Station<br>Low       |
|                  |                       |  | Communication Tower:<br>2.1km             |                                  |                          |                       | Communication Tower<br>Low |
|                  |                       |  | Valve Station: 5.5km                      |                                  |                          |                       | Valve Station<br>Nil       |



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#### 10.5.4 Summary of Visibility Assessment

A total of thirty four potential view locations were identified as part of the visual assessment process.

For the proposed Power Station layout, an assessment of the visibility rating for each potential view location indicated the following:

• a **NIL** visibility rating for 16 of the 34 view locations has been determined, while a **LOW** visibility rating has been determined for 18 view locations;

For the proposed Communication Tower infrastructure, an assessment of the visibility rating for each potential view location indicated the following:

• a **NIL** visibility rating for 15 of the 34 view locations has been determined, while a **LOW** visibility rating has been determined for 19 view locations; and

For the proposed Valve Station:

• a **NIL** visibility rating for 22 of the 34 view locations has been determined, while a **LOW** visibility rating has been determined for 12 view locations.

Given the extent and combination of existing natural and cultural character surrounding the Project, the capability of the landscape to absorb the key components of the Project is considered to be high.

There are unlikely to be any significant views toward the power station from local roads or access tracks. Views are likely to be restricted to portions of the exhaust stacks and would be generally for a short duration where visible. All 19 view locations likely to be impacted by views towards the communications tower have been determined as having a low visibility rating for this feature. A significant consideration in the assessment has been that distant views toward the tower are likely to be influenced by atmospheric conditions which would tend to reduce the visibility of the tower.

External to the AGL Site boundary, the proposed valve station would be set back approximately 25m from Walshs Road. The assessment has concluded that the valve station is unlikely to result in significant visual impacts due to its location within an area of low density population as well as the small number of motorists travelling along Walshs Road on a daily basis. Appropriate mitigation measures would reduce the visual contrast of the infrastructure and therefore reduce the visual impact of this infrastructure from passing traffic and the nearest residential view locations.

The access road, control building, ancillary infrastructure and constructed gas pipeline would generally not be visible from most view locations.



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#### **10.6 Mitigation Measures**

The overall potential visual impact of the Project has been assessed as low, however reducing the extent of visual contrast between the visible portions of the Project's structures and the surrounding landscape would further mitigate the impact.

A summary of the visual mitigation measures is presented in Table 10-4.

| Mitigation Measures   | Implementation of mitigation measures |              |              |  |  |
|---|---------------------------------------|--------------|--------------|--|--|
|   | Design                                | Construction | Operation    |  |  |
| Materials utilised in the construction of the power station and valve station would be generally dark in tone and where possible non reflective.        | $\checkmark$                          | ~            | $\checkmark$ |  |  |
| Lighting would avoid direct line of sight towards homesteads beyond the site.   | ~                                     | ✓            | $\checkmark$ |  |  |
| Top of the stacks would not have lighting unless required for aviation safety.  | $\checkmark$                          | ~            | $\checkmark$ |  |  |
| Large floodlights not to be used other than for emergency lighting.   |                                       |              | $\checkmark$ |  |  |
| Security lighting would not spill onto neighbouring residences.<br>This would be achieved through the use of down lights and<br>motion sensor lighting. |                                       |              | $\checkmark$ |  |  |

#### Table 10-4 Summary of Visual Mitigation Measures

