

# Noise & Air Quality Impact Assessments

Mining related activities result in noise and air quality emissions which may affect the amenity of the surrounding environment. Relevant noise and air quality impact studies are currently underway for the Bylong Coal Project (the Project) to predict the likely impacts of the operations to neighbouring landholders. These assessments will form part of the Environmental Impact Statement (EIS).

## ENVIRONMENTAL MONITORING PROGRAM

An environmental monitoring program (EMP) is in place to gather background environmental information to inform various EIS studies. The EMP collects data for (at least):

- Meteorological conditions;
- Air quality levels (depositional dust and particulate matter); and
- Noise levels.

### Noise

A Noise and Blasting Impact Assessment (NBIA) is currently being prepared for the Project in accordance with the relevant Government guidelines and policies.

Noise modelling will predict the likely worst case noise impacts from the Project to neighbouring sensitive receivers (residents). The noise modelling will include consideration of noise enhancing weather conditions.

The NBIA will assess the level of impact against relevant criteria.

### Air Quality

The Air Quality Impact Assessment (AQIA) is being prepared for the Project in accordance with the relevant Government guidelines and policies.

Air quality modelling will predict the likely worst case air quality impacts to sensitive receivers (residents). The modelling will include appropriate consideration of enhancing weather conditions. The AQIA will compare the modelling predictions against relevant criteria.

## CONTACT DETAILS

If you have any questions in regard to the land acquisition process or any other matter relating to the Bylong Coal Project, please contact:

**Community Liaison Officers** - Bylong Coal Project  
Phone: 1800 295 664

## MANAGEMENT OF IMPACTS

The NBIA and AQIA will provide recommendations which will be incorporated into the monitoring, mitigation and management practices for the Project. Property specific management practices will be developed in consultation with sensitive receivers as identified within the Development Consent.

KEPCO will be in contact with the neighbouring landholders who are predicted to experience impacts greater than the criteria to discuss possible mitigation or management measures to be implemented prior to the EIS being placed on public exhibition.

## ACQUISITION ZONE

Should the Project be granted approval, the Development Consent will specify landholders where predicted amenity impacts are determined to be unacceptable in accordance with the NSW Governments Voluntary Land Acquisition and Mitigation Policy. In this instance these landholders will be provided the opportunity to be acquired by the Proponent (KEPCO) if they so wish. Receivers listed in a Development Consent with the right of acquisition are said to fall within the Acquisition Zone.

### Acquisition upon Request

Should an eligible landholder who is listed within the Acquisition Zone make the decision to seek acquisition by the Proponent, then the process is as summarised in Figure 1 and will be specified within the Development Consent.

Figure 1



\*Based on the following considerations:

- The current market value;
- The reasonable costs associated with relocation (including legal fees); and
- Reasonable compensation.

## ONGOING COMPLIANCE MONITORING

KEPCO will continue to operate its EMP. The EMP will monitor noise and air quality impacts during construction and operations to ensure the Project does not exceed noise and air quality limits. The existing monitoring network will be reviewed and augmented for the operation of the Project as recommended in the relevant impact assessments or as directed by the Secretary of DP&E.



**WorleyParsons**  
resources & energy



**KEPCO** KOREA ELECTRIC POWER CORPORATION  
BYLONG AUSTRALIA