

Yallourn Gas Pipeline Surveys

June 2026

EnergyAustralia Pty Ltd ABN 99 086 014 968 (EA) is proposing to construct a new high-pressure gas pipeline to transport natural gas from the Longford to Dandenong Pipeline (LDP) to the Yallourn Power Station site. The pipeline would supply gas to a proposed gas-fired power station that EA is assessing at the site, as part of the Yallourn Energy Security Precinct.

To support the development of the gas pipeline, a broad range of site investigations and surveys will be undertaken to confirm our understanding of the proposed pipeline alignment. These include ecological, soil, water, and culture heritage.

Survey Activities

All surveys will take place during daylight hours (8am to 6pm) unless specified and generally include small teams of 2-3 people either travelling on foot or via 4WD. Any areas disturbed during the surveys (e.g. soil sampling) would be restored at the completion of the survey. The table below details some of the key proposed surveys.

Name of Survey	Description of Survey Activities
Ecology	Ecology surveys are used to identify important environmental values, such as wildlife habitats and vegetation. These surveys typically include non-invasive ground and water body investigations, such as site walkovers and photography.
Cultural Heritage	Cultural Heritage Management Plan (CHMP) studies aim to identify, assess and manage potential impacts on Aboriginal cultural heritage within the Project area. These surveys generally include Traditional Owners and Registered Aboriginal Parties, Heritage Advisors or archaeologists conducting site walkovers and investigations.
Land conditions	Land conditions surveys aim to assess and map landform such as topography and waterways. Survey teams will also use GPS technology to map the pipeline route and confirm property boundaries.
Surface water	Surface water surveys aim to assess the conditions of waterways which intersect the pipeline route and generally extend 50m upstream and downstream of waterways.
Cadastral, centreline and feature	Cadastral surveys are used to define the legal boundaries of properties or parcels relevant to the pipeline corridor, while feature surveys aim to capture the natural or man-made features of the property. The purpose of the centreline survey is to map out the exact mid-point of the proposed pipeline.
Service location (underground features)	Survey teams using handheld equipment such as metal detectors and high-pressure water jets will work to confirm the location of underground services.
Constructability	The purpose of constructability surveys is to note the locations of existing infrastructure and access tracks. Reference pegs may be placed at pre-determined locations and removed at the completion of the survey.
Geotechnical and soil	Geotechnical field investigations are used to determine the current conditions of soil and rock features. They may involve small survey teams drilling boreholes approximately 10cm wide and up to 20m deep to take soil samples. The boreholes will be backfilled and the ground reinstated after sampling, with any excess soil will be removed.

What to Expect

Surveys will be undertaken progressively as the Project continues. You may notice specialists and surveyors on foot undertaking on-ground investigations. As mentioned above, this may include activities like:

- Walking the along road reserves and publicly accessible land
- Identifying flora species and vegetation communities
- Checking for threatened species habitat
- Taking photographs and GPS locations
- Minor hand-disturbance (e.g., lifting logs or leaf litter)
- Using binoculars or handheld devices such as metal detectors
- Geotechnical activities such as minor drilling works
- Using surveying equipment



Image: An ecologist in hi-vis crouches at the base of a large hollow-bearing tree during a flora and fauna survey

Work will only occur on Crown or EA owned land. If access is required to private property, we will get in touch with the landowner to arrange this.

Contact Us:

If you have any questions or would like to learn more about the Project, please get in touch through the contact details below. Visit us in person at our Community Hub - 228 Commercial Road Morwell Open Wednesdays, 10am-3pm, or by appointment.



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