

Hazelwood Community Consultation 15 March 2017

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Hazelwood Power Station

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Hazelwood Closure

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Hazelwood Closure

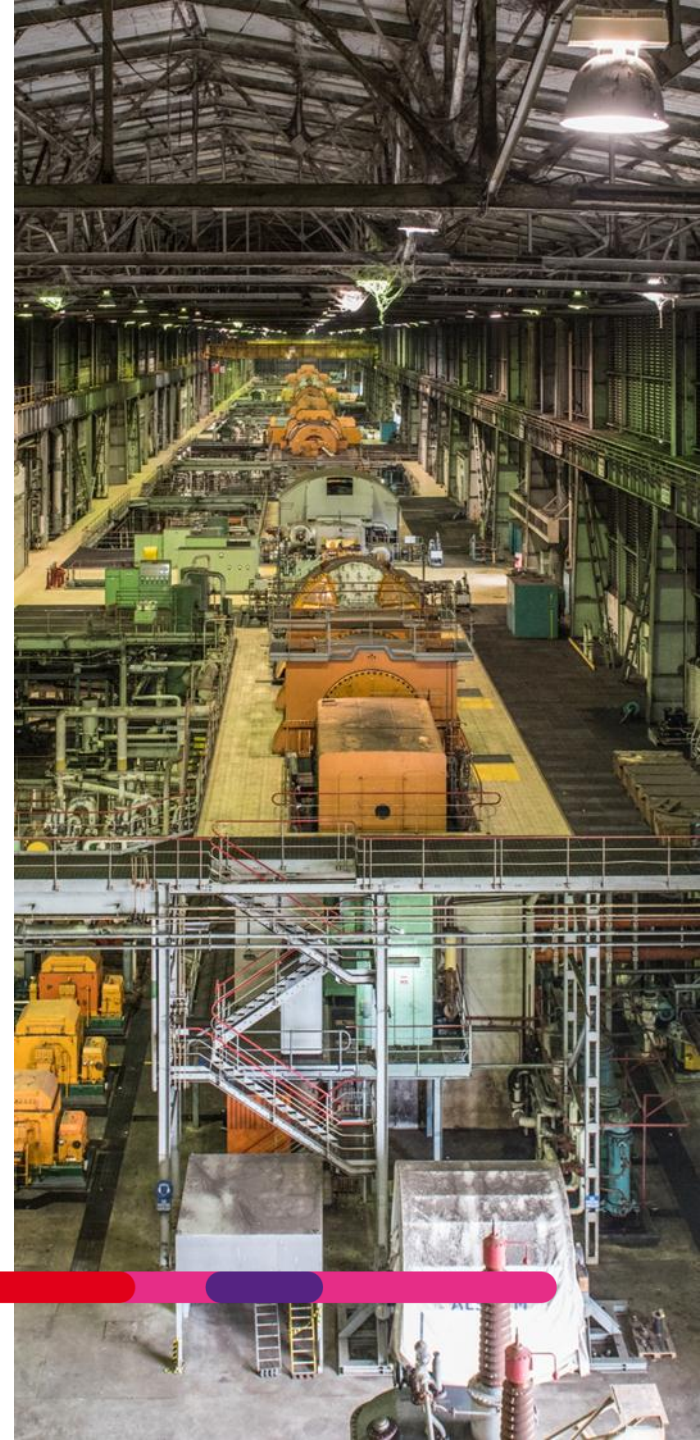
- Closure process
 - Why the decision to close?
 - Why only five months?
- Support being provided to Hazelwood employees
- Jobs at Hazelwood post closure
 - 135 Hazelwood jobs
 - Approximately 100 contractor jobs
 - Worker transition scheme



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Station Activities

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Station Decommissioning Activities

- Decommissioning objectives
 - Permanent removal of all energy sources
 - Mitigate fire risks
 - Mitigate environmental risks
 - Mitigate structural collapse
 - Make safe program
- Handover of all plant and equipment ready for demolition in a zero energy state including removal of
 - Temperature / pressure
 - Electrical
 - Fluids / oils
 - Air gaps at site boundaries and as required
- Fire Risk
 - All coal bunkers hoppers and conveyors empty and cleaned
 - Boilers cleaned
 - Oils / gases removed from site



Station Decommissioning Activities

- Decommissioning – Safety
 - De-energise equipment
 - Purge gases
 - Maintain critical supplies (fire water, lighting, access etc.)
 - Ensure safe access
 - Monitor and maintain structures
 - Maintain site security and fire protection services
 - Permit systems maintained
- Decommissioning - Environmental
 - Asbestos, inspected and maintained - safe and stable
 - Chemical systems, drained and flushed
 - PCBs registered and removed during decommissioning
 - Boilers cleaned
 - All coal bunkers hoppers and conveyors to be emptied and cleaned
 - Ash sluices, reservoirs and pits cleaned / flushed



Station Decommissioning Activities

- Decommissioning - Execution
 - Composite work groups including operators and maintenance
 - Master schedule for work list, sequence and timing – estimated to take 12 months
 - Inspection and test plan
 - Plant decommissioned notices



Future of the power station site

- Planned demolition expected to take three years
- After buildings have been demolished and materials removed, the site will be cleaned up and soil contamination checks conducted
- Decisions on rehabilitation will require ongoing engagement and discussion with community, stakeholders, and relevant regulators and Government representatives
- Expected site will be returned to an area suitable for industrial use, permitted under its current zoning of 'Industrial Special Use'

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Mine Activities | Mine Work Plan Variation



Mine activities following station closure

- Pre-decommissioning / make safe activities
 - Works will commence immediately following station closure April 2017
 - Works will be managed by Hazelwood in-house operational and technical services team supported by local service providers and subcontractors
 - Works involve reducing any potential fire risk
- Decommissioning activities
 - Parking up and de-energising bucket wheel excavators and slew conveyors
 - Salvage of components from the redundant assets
 - Provision of safe access zones around decommissioned plant and restriction on access for entry
 - Demolition of large mining equipment will occur in parallel with power station



Mining activities following station closure

- Continued operation of the overburden system (truck and shovel, BWE and conveyors and travelling stacker) for buttressing activities
- Limited re-profiling of coal batters to achieve required overall slope gradients
- Continued operation of aquifer depressurisation systems and associated water level monitoring, land movement and other geotechnical monitoring
- Continued management of surface water systems for fire suppression
- Hazelwood Ash Retention Area (HARA) and Hazelwood Ash Ponds (1 and 4) cease operation
- The cooling pond temperature will drop as it will no longer be used for station cooling – remains available for fire suppression



Longer term mine rehabilitation

- Final rehabilitation and closure plan in relation to the mine will take some years to finalise
- Detailed regulatory process, supported by community consultation, technical review and research, will be required before a final approval on rehabilitation and landform can be given.
- Multiple landform options will require consideration during this process, this includes more detailed investigation on the benefits of partial and full pit lake options.
- New 2017 Mine Work Plan Variation to reflect business closure and commitment to undertake 'no regrets' work from 1 April 2017
- This will support the rehabilitation process
- Confirmation of a final landform will require:
 - further discussion with the community about their preferences;
 - discussions with the Rehabilitation Advisory Group, Rehabilitation Commissioner and Integrated Mines Research Group, overseen by the Mining Regulator and the Technical Review Board;
 - consideration of the Mine Closure Guidelines along with the outcomes of the Mine Fire Inquiry 2 regarding the state of technical studies; and
 - finalising the large body of technical research ENGIE has committed to undertake.



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Questions

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