

Glossary of Terms

Yallourn Gas Pipeline |
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EnergyAustralia
LIGHT THE WAY

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.

The following information covers abbreviations and typical terms used in the pipeline industry.

Abbreviations

Abbreviation	Meaning
AEMO	Australian Energy Market Operator
APGA	Australian Pipelines and Gas Association
BOM	Bureau of Meteorology
CCGT	combined cycle gas turbine
CEMP	construction environmental management plan
CFA	Country Fire Authority
CH ₄	methane
CHMP	cultural heritage management plan
CMA	catchment management authority
CSMP	construction safety management plan
CTMP	construction traffic management plan
DCCEEW	Department of Climate Change, Energy, the Environment and Water (Commonwealth)
DEECA	Department of Energy, Environment and Climate Action (Victoria)
EES	environment effects statement
EMP	environmental management plan
EPA	Environment Protection Authority Victoria
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999 (Cth)
EPC	engineering, procurement and construction
ERP	emergency response plan
ERSED	erosion and sedimentation
ESO	Environmental Significance Overlay
ESV	Energy Safe Victoria
EVC	ecological vegetation class
FFG Act	Flora and Fauna Guarantee Act 1988 (Vic)
FPSR	First Peoples – State Relations (Department of Premier and Cabinet)
FRV	Fire Rescue Victoria
GJ	gigajoule (1,000,000,000 joules)
GWh	gigawatt (1,000,000 kilowatts) hour
HDD	horizontal directional drilling
HRSG	heat recovery steam generator
HSE	health, safety and environment
joule	a measure of energy
kL/day	kilolitres (1,000 litres) per day
km	kilometre (1,000 metres)
KP	kilometre point

Abbreviation	Meaning
kPa	kilopascal (1,000 pascals) — a measure of pressure
kV	kilovolt (1,000 volts)
L/s	litres per second
m	metre
ML	megalitre (1,000,000 litres)
MW	megawatt (1,000,000 watts)
MWh	megawatt hour
OCGT	open cycle gas turbine
OEMP	operations environmental management plan
ROW	right of way
RUZ	Rural Use Zone
SMP	safety management plan
SUZ	Special Use Zone
TDS	total dissolved solids
TJ	terajoule (1,000,000,000,000 joules)
VCAT	Victorian Civil and Administrative Tribunal
VFF	Victorian Farmers Federation

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Term	Meaning
approved route	A pipeline route that has been approved by DEECA.
bell hole	An enlarged section of trench that is made safe to enter and that provides sufficient room for welding personnel to weld two pipeline strings together.
berm	An elongated surface bump that directs surface water to a particular location.
compensation	Financial compensation provided by EnergyAustralia to the property owner for the creation of an easement and for loss of production caused by the construction process.
easement plan	A survey plan that provides details of the pipeline easement in relation to the property title.
horizontal directional drill	A technique used for boring under features that cannot be open cut.
kilometre point	An approximate measure of the horizontal distance along the proposed pipeline alignment.
metering station	An above-ground facility that measures the flow of gas.
open cut	Pipeline installation that is carried out by trenching.
pig	A device that is inserted into the pipeline for cleaning or inspection purposes.
pig launcher	The location where a pig is inserted into a pipeline and propelled along by the gas flow to clean or inspect the pipe.
pipeline corridor	A corridor of interest between the start and finish points of a pipeline, within which the pipeline route is likely to be located.
receiving station	The location where a pig is recovered from a pipeline.

Term	Meaning
regulating station	An above-ground facility that reduces the transmission gas pressure to that required for use.
right of way	The easement plus any additional working space required for construction, including parking and storage / lay-down areas.
remotely actuated	Equipment that is operated remotely, usually from a control room.
riparian zone	The interface between land and a freshwater body.
sediment fence	A fence constructed of fine mesh cloth, installed across a drainage line to trap sediment.
side boom	A machine used to carry and lower pipe into the trench.
spoil	Excavated material.
string	Two or more lengths of pipe that have been welded together.
stringing	Laying of pipe along the right of way before welding.
survey – cadastral	Survey by registered surveyors to define property title boundaries.
survey – centreline	Survey by registered surveyors to define the proposed location of the pipe within the easement.
survey – cultural heritage	Visual survey to check for the presence of Aboriginal artefacts.
survey – investigative	Technical: examination of the physical nature of the property to select appropriate construction techniques (may include test bores). Environmental: visual survey to determine the location and extent of flora and fauna that require protection during construction.
survey – pre-construction	Survey by registered surveyors to indicate the location of the easement and pipe centreline using pegs and stakes.
trench breaker	An obstruction placed in the trench to prevent the flow of groundwater along the trench.
trench plug	A section of trench that has not been excavated, usually to provide stock or vehicular access.
vegetation strip	Initial excavation to a depth of approximately 50mm to remove and preserve vegetation.
working side	The side of the right of way that is used for construction equipment traffic.

Further Information

If there is any information you would like clarified, please contact the EnergyAustralia Yallourn Gas Pipeline project team using the details below.

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