



Energy Resources and Infrastructure Map

AUGUST 2008

LEGEND

Developed resources/existing infrastructure/projects are shown in other colours
Plant committed/under construction & undeveloped energy resources are shown in red

ENERGY RESOURCES

- Coal Deposits
- Coal Mine

ENERGY INFRASTRUCTURE

- Liquefied Natural Gas Plant
- Liquefied Petroleum Gas Plant
- Natural Gas Plant
- Natural Gas Storage
- Oil Refinery

GAS DISTRIBUTION SYSTEMS

- Mid-West & South-West Gas Distribution System
- Liquefied Petroleum Gas Distribution System
- Natural Gas Distribution System

ELECTRICITY GENERATION STATIONS

Non-renewable Fuel

- Private power stations over 10MW or supply power to Verve Energy/Horizon Power
- State Utility owned power stations
- NB: Verve Energy is responsible for power stations in the SWIS and renewable power stations outside the SWIS.
- Horizon power is responsible for non-renewable power stations outside of the SWIS

Renewable Fuel

- Biomass
- Hydro
- Landfill Gas
- Solar
- Wind

ELECTRICITY TRANSMISSION LINES

- Western Power (SWIS)
- Horizon Power (NWIS)
- Private

WESTERN POWER ELECTRICITY DISTRIBUTION SYSTEMS

- Western Power South West Interconnected System (SWIS)
- Horizon Power North West Interconnected System (NWIS)
- Horizon Power Esperance System

- Towns supplied by Electricity Supply Authorities
- Jigalong Permanent communities that generate their own electricity

NATURAL GAS TRANSMISSION PIPELINES

- Dampier to Bunbury Natural Gas Pipeline
- Goldfield Gas Pipeline
- Kalgoorlie to Kambalda Pipeline
- Kambalda to Esperance Gas Pipeline
- Mid West Pipeline
- Parmelia Pipeline
- Pilbara Energy Pipeline
- Telfer Gas Pipeline
- Lateral Pipelines and Trunklines

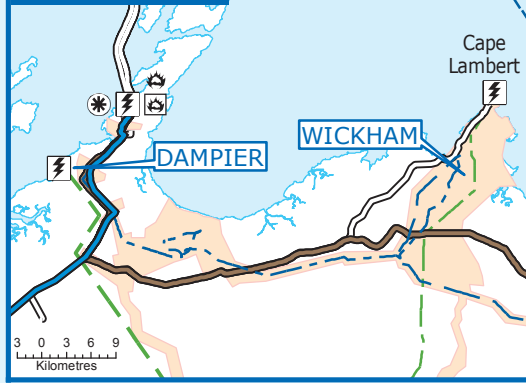
OWNER

- Dampier Bunbury Pipeline
- Goldfields Gas Transmission Pty Ltd
- Southern Cross Pipelines Australia Pty Limited
- Esperance Pipeline Company Pty Ltd
- Australian Pipeline Trust
- Australian Pipeline Trust
- Epic Energy (Pilbara Pipelines) Pty Ltd
- Gas Transmission Services WA (Operations) Pty Ltd
- Various

AVERAGE INSTALLED CAPACITY

- 785TJ/day
- 130TJ/day
- 20TJ/day
- 6TJ/day
- 15.5TJ/day
- 65TJ/day
- 188TJ/day
- 25TJ/day
- N/A

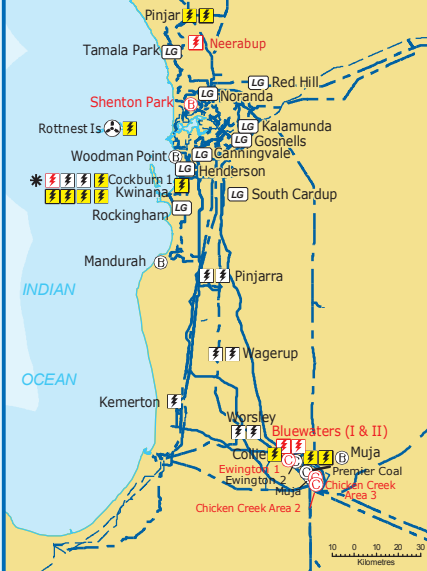
INSET C (BURRUP)



INSET B (GAS)



INSET A (ELECTRICITY)



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