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Title	Fossil Fuel Power Stations
Custodian	Geoscience Australia (GA)
Jurisdiction	Australia
Description	
Abstract	The fossil fuel webmap contains locations of Australian fossil fuel power stations that are greater than 20MW. Each power station has such information as fuel type, technology used, size (MW), ownership, latitude and longitude and data source. Web links and site photographs are provided where possible. A download feature is provided for clients who want the base data.
Search Word(s)	ENERGY Coal ENERGY Petroleum INDUSTRY Mining
Geographic Extent Name(s)	Australia excluding external territories.
Data Currency	
Beginning Date	01JAN1998
Ending Date	Current
Dataset Status	
Progress	Planned
Maintenance and Update Frequency	Bi-annually
Access	
Stored Data Format	DIGITAL - ESRI Shapefile
Available Format Type	DIGITAL - ESRI Shapefile, MS Excel Spreadsheet
Access Constraint	See contact details below.
Data Quality	
Lineage	<p>The data used in the webmap comes from many different sources, including:</p> <ul style="list-style-type: none"> • Australian Energy News (Department of Industry, Tourism and Resources, Canberra) • Electricity Australia Annual Report (Electricity Supply Association of Australia) • Company websites • Personal communications • Queensland Government Mining and Energy Journal • Australian Financial Review (AFR) • The Australian <p>The original data was collected into an Excel</p>

	<p>spreadsheet during 1998 at the then Bureau of Resources Sciences (part of the Department of Primary Industries and Energy, Canberra). In 1999 the group responsible for the data transferred to the Geoscience Australia (part of the Department of Industry, Tourism and Resources, Canberra) and the original spreadsheet was used as the base for the creation of a fossil fuel power stations Geographic Information System shapefile using ArcView3 software. Subsequently, freeware software was used to display this GIS shapefile in the final webmap product. The webmap is updated approximately every six months from changes compiled from site email responses, GA's daily scanning of the media and advice received from the Australian Greenhouse Office.</p>
Positional Accuracy	<p>Most latitudes and longitudes were found in the National Mapping Gazetteer of Australia by reference to the locality name. The positions of power stations are not accurate and mostly represent the general locality of the power station. Where two or more power stations exist at the same locality they have been deliberately separated to prevent the points plotting on top of one another for at least the maximum zoom scale (1:350,000). Locations of power stations maybe more than 10kms from the actual site.</p>
Attribute Accuracy	<p>Notwithstanding any undetected typographical errors, the information in the webmap is as accurate as that supplied in the source material.</p>
Logical Consistency	not applicable
Completeness	<p>GA cannot guarantee that the fossil fuel webmap is fully complete as it is possible that not all power station developments are reported in the media. This is probably most likely when a proposed power plant extension is actually commissioned. Fields have been left blank where particular details have not been reported (such as the number of units and the size of each unit).</p>
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