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| **Dataset** | |
| 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 | The data used in the webmap comes from many different sources, including:   * Energy Supply Association of Australia * Company websites * Personal communications * Australian Financial Review (AFR) * The Australian * Media releases   The original data was collected into an Excel 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 ([Mapserver](http://mapserver.gis.umn.edu/))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 form the Australian Greenhouse Office. |
| Positional Accuracy | Most latitudes and longitudes were found in the [National Mapping Gazetteer of Australia](http://www.ga.gov.au/map/names/) 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. |
| Attribute Accuracy | Notwithstanding any undetected typographical errors, the information in the webmap is as accurate as that supplied in the source material. |
| Logical Consistency | not applicable |
| Completeness | 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 balnk where particular details have not been reported (such as the number of units and the size of each unit). |
| **Contact Information** | |
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| **Metadata Date** | 18 July 2006 |
| **Additional Metadata** | |
| Projection | GDA 94 |