

- **Singrauli Super Thermal Power Plant** is located at Shaktinagar in Sonebhadra district in Indian state of Uttar Pradesh. The power plant is the first power plant of NTPC. It sources coal from Jayant and Bina mines and water from Rihand Reservoir.
- **NTPC Ramagundam**, a part of National Thermal Power Corporation, is a 2600 MW Power station situated at Ramagundam in Peddapalli district in the Indian state of Telangana, India. It is the current largest power station in South India.
- **National Capital Power Station (NCPS)** Or NTPC Dadri, is the power project to meet the power demand of National Capital Region (India). It has a huge coal-fired thermal power plant and a gas-fired plant and has a small township located in Uttar Pradesh.
- **Talcher Thermal Power station** is located in Talcher sub-division of Angul district in the Indian state of Odisha. The power plant is one of the coal-based plants of NTPC.
- **Korba Super Thermal Power Plant** is located at Jamnipali in Korba district in the Indian state of Chhattisgarh. The power plant is one of the coal-based power plants of National Thermal Power Corporation.
- **The Vindhyachal Thermal Power Station** is located in Singrauli district in the Indian state of Madhya Pradesh. One of the coal-fired power stations of NTPC, it is the largest power station in India, with an installed capacity of 4760 MW.
- **Farakka Super Thermal Power Plant** is located at Nabarun in Murshidabad district in Indian state of West Bengal. The power plant is one of the coal based power plants of NTPC.
- **Mundra Thermal Power Station or Mundra Thermal Power Project** is located at Mundra in Kutch district in the Indian state of Gujarat. The power plant is one of the coal-based power plants of Adani Power.
- **Sipat Super Thermal Power Station or Rajiv Gandhi Super Thermal Power Station** is located at Sipat in Bilaspur district in state of Chhattisgarh. The power plant is one of the coal based power plants of NTPC.
- **Rihand Super Thermal Power Project** is located at Renukut, Sonebhadra in Sonbhadra district in Indian state of Uttar Pradesh. The power plant is one of the coal based power plants of NTPC Limited.
- **Vedanta Jharsuguda Power Station** is a coal based thermal captive power plant located near Jharsuguda town in Jharsuguda district in the Indian state of Odisha. The power plant is operated by the Vedanta Resources.
- **Tiroda Thermal Power Station** is a coal-based thermal power plant located at Tirora in Gondia district, Maharashtra. The power plant is operated by the Adani Power.
- **Anpara Thermal Power Station** is located at Anpara in Sonbhadra district in the Indian state of Uttar Pradesh, about 180 km from Varanasi on the Varanasi - Shakti Nagar route. It has a total power-generation capacity of 3,830 MW.
- **Barauni Thermal Power Station** is an existing 360 megawatt coal-fired power station owned by Bihar State Electricity Board. The power station is located at Begusarai district, Bihar, India.
- **Bellary Thermal Power station** is located in Kudatini Village, Bellary District in the Indian state of Karnataka. Two coal-fired units of 500 MW each are in operation with generating capacity of 12 million units per day and a 700 MW coal-fired unit with operation.
- **Durgapur Steel Thermal Power Station** is a coal-based thermal power plant located near Durgapur city in Bardhaman district in the Indian state of West Bengal. The power plant is operated by the Damodar Valley Corporation.
- **Sikka Thermal Power Station** is Gujarat's one of coal-fired power plant. It is located near Jamnagar which is the major industrial town in Gujarat.
- **Satpura Thermal Power Plant** is located at Sarni town near Ghoradongri Railway station in Betul district of Madhya Pradesh, India. The power plant is one of the coal based power plants of MPPGCL.
- **Wanakbori Thermal Power Station** is a coal-fired power station in Gujarat, India. It is located on the bank of Mahi river in Kheda district. There are seven units of each 210 MW capacity.
- **Obra Thermal Power Project** is 1288 MW coal fired power plant set by Uttar Pradesh Rajya Vidyut Utpadan Nigam at Kanpur district in Uttar Pradesh.



- **Udupi Power Plant** is a coal based thermal power station in Karnataka, India, established in 2008. It is located to the north of Mangalore, It has installed capacity of 1200 MW (2x600).The plant became fully operational in September 2012.
- **Simhadri Super Thermal Power Plant** is a coal-fired power plant located in the Visakhapatnam district of the Indian state of Andhra Pradesh. The power plant is one of the coal fired power plants of NTPC, a Government of India enterprise.
- **Chhabra Thermal Power Plant** is one of Rajasthan's coal fired power plants. It is located at Chowki Motipura of tehsil Chhabra in Rajasthan's Baran district. The planned capacity of power plant is 2320 MW.
- **Bokaro Thermal Power Station B (BTPS - B)** is located at Bokaro district in Jharkhand. The First unit was commissioned in March 1986. The station is located on the banks of the Konar River near Bokaro 'A' Thermal Power Station. Entire power generated by the plant is supplied to DVC network.
- **Sanjay Gandhi Thermal Power Plant** is situated at Umaria district of Madhya Pradesh, India. The power plant is one of the coal based power plants of MPPGCL.
- **Chandrapur Super Thermal Power Station** is a thermal power plant located in Chandrapur district in the Indian state of Maharashtra. The power plant is one of the coal based power plants of MAHAGENCO.
- **The NSPCL Bhilai Power Plant** is a coal-fired captive power station at Bhilai in Durg district, Chhattisgarh, India. The power station is owned and operated by NSPCL is a 50:50 joint venture company of NTPC Limited and SAIL to generate power for captive proposes of various steel plants owned by SAIL.
- **The Mettur Thermal Power Station** is a coal-fired electric power station located in Salem district of Tamil Nadu. It is operated by Tamil Nadu Generation and Distribution Corporation Limited.
- **Patrata Thermal Power Station** is a coal-based thermal power plant located near Patratu town in Ramgarh district in the Indian state of Jharkhand. The power plant is operated by the Jharkhand State Electricity Board.
- **Rosa Power Plant** is a 1,200 MW of coal based generation capacity at Rosa village in Shahjahanpur, Uttar Pradesh. The power plant is being developed in two stages, with the first stage already having become commercially operational on 12 March 2010.
- **Shree Singaji Super Thermal Power Project** is a coal-fired power plant located near Dongaliya village near by Mundi of Khandwa District in Madhya Pradesh state of India. This project is owned by MPPGCL (Madhya Pradesh Power Generating company limited).
- **Ukai Thermal Power Station** of the Gujarat State Electricity Corporation Limited, India, is a power station with an installed capacity of 850 MW. It is one of Gujarat's major coal-fired power plants, located on the bank of the Tapi river.
- **Kaparkheda Thermal Power Station** is located in Nagpur district in the Indian state of Maharashtra. The power plant is one of the coal based power plants of MAHAGENCO.
- **Gandhinagar Thermal Power Station** is a coal-fired power station in Gujarat, India. It is located on the bank of Sabarmati river near Gandhinagar.
- **Amarkantak Thermal Power Plant** is situated at Anuppur district of Madhya Pradesh, India. The power plant is one of the coal based power plants of MPPGCL.
- **RattanIndia Amravati Thermal Power Project** is a coal-based thermal power plant located in Nandgaonpeth village in Amravati district Maharashtra. The power plant is operated by the RattanIndia Power Limited (formerly Indiabulls Power Ltd(IPL)).
- **The Ennore Thermal Power Station** is a coal based power plant located in Chennai Ennore, Tamil Nadu. It was constructed to serve the purpose of energy generation in the year 1970. It is one of the four major thermal power plants of Tamil Nadu established by TANGEDCO.
- **Feroze Gandhi Unchahar Thermal Power Plant** is located at Unchahar in Raebareli district in Indian state of Uttar Pradesh. The power plant is one of the coal based power plants of NTPC Limited.
- **National Capital Thermal Power Plant**, also referred to as the Dadri power station, is an 1,820-megawatt (MW) coal- and gas-fired power station in Uttar Pradesh, India
- **Hirakud Power Plant** is a coal based captive thermal power plant located near Hirakud in Sambalpur district in the Indian state of Odisha. The power plant is operated by the Hindalco Industries.
- **Kota Thermal Power Plant** is Rajasthan's first major coal-fired power plant. It is located on the west bank of the Chambal River near Kota.
- **Kalisindh Thermal Power Station** is located in Jhalawar district, Rajasthan state in western India. The power plant is operated by Rajasthan Rajya Vidyut Utpadan Nigam Ltd.