

## Thermal power

Thermal power is the "largest" source of power in India. There are different types of Thermal power plants based on the fuel used to generate the steam such as coal, gas, and Diesel. About 65% of electricity consumed in India are generated by thermal power plants. Here we are detailing about only coal based plants.

### **List of Coal Based Thermal Power Stations in India up to 2016:**

More than 51% of India's commercial energy demand is met through the country's vast coal reserves. Public sector undertaking National Thermal Power Corporation (NTPC) and several other state level power generating companies are engaged in operating coal-based thermal power plants. Apart from NTPC and other state level operators, some private companies are also operating the power plants. Here is some list of operating coal-based thermal power plants in India.

#### ***WESTERN REGION:***

| Name   | Operator                | Location/District/State                 | Sector  | Region  | Total Capacity (MW)<br>(Units)    |
|--|-------------------------|---|---------|---------|-----------------------------------|
| <b>Vindhyachal Super Thermal Power Station</b> | NTPC                    | Vindhya Nagar/ Singrauli/Madhya Pradesh | Central | Western | 4,760 (6 x 210, 5 x 500, 1 x 500) |
| <b>Mundra Thermal Power Station</b>            | Adani Power             | Mundra/Kutch/Gujarat                    | Private | Western | 4,620 (4 x 330, 5 X 660)          |
| <b>Mundra Ultra Mega Power Project</b>         | Tata Power              | Mundra/Kutch/Gujarat                    | Private | Western | 4,000 (5 X 800)                   |
| <b>Sasan Ultra Mega Power Project</b>          | Reliance Infrastructure | Sasan/ Singrauli/ Madhya Pradesh        | Private | Western | 3,960 (6 x 660)                   |
| <b>Chandrapur Super Thermal Power Station</b>  | MAHAGENCO               | Urjanagar/Chandrapur/Maharashtra        | State   | Western | 3,340 (4 x 210, 5 x 500)          |
| <b>Tirora Thermal Power Station</b>            | Adani Power             | Tirora/Gondia/Maharashtra               | Private | Western | 3,300 (5 X 660)                   |

|  |            |   |         |         |                                   |
|--|------------|---|---------|---------|-----------------------------------|
| <b>Sipat Thermal Power Plant</b>           | NTPC       | Sipat/Bilaspur/Chhattisgarh               | Central | Western | 2,980 (2 x 500,3 x 660)           |
| <b>Amravati Thermal Power Plant</b>        | Indiabulls | Nandgaonpeth/Amravati/Maharashtra         | Private | Western | 2,700 (10 X 270)                  |
| <b>Korba Super Thermal Power Plant</b>     | NTPC       | Jamani Palli/Korba/Chhattisgarh           | Central | Western | 2,600 (3 x 200, 4 x 500)          |
| <b>Sant Singaji Thermal Power Plant</b>    | MPPGC      | Dogaliya, Mundi/East Nimar/Madhya Pradesh | State   | Western | 2,520 (2 X 600, 2 X 660)          |
| <b>Dada Dhuniwale Thermal Power Plant</b>  | MPPGC      | Guyda, Mundi/East Nimar/Madhya Pradesh    | State   | Western | 1,600 (2 X 800)                   |
| <b>Wanakbori Thermal Power Station</b>     | GSECL      | Wanakbori/Kheda/Gujarat                   | State   | Western | 1,470 (7 x 210)                   |
| <b>Bhusawal Thermal Power Station</b>      | MAHAGENCO  | Deepnagar/Jalgaon/Maharashtra             | State   | Western | 1,420 (2 x 210, 2 x 500)          |
| <b>Trombay Thermal Power Station</b>       | Tata       | Trombay/Mumbai/Maharashtra                | Private | Western | 1,400 (1 x 150, 2 x 500, 1 x 250) |
| <b>Khaperkheda Thermal Power Station</b>   | MAHAGENCO  | Kaparkheda/Nagpur/Maharashtra             | State   | Western | 1,340 (4 x 210, 1 x 500)          |
| <b>Sanjay Gandhi Thermal Power Station</b> | MPPGCL     | Birsinghpur/Umaria/Madhya Pradesh         | State   | Western | 1,340 (4 x 210, 1 x 500)          |

|  |                     |                                 |             |         |                                      |
|--|---------------------|---------------------------------|-------------|---------|--------------------------------------|
| <b>Essar Power Gujarat Ltd.</b>          | Essar Power         | Jamnagar/Salaya/Gujarat         | Private IPP | Western | 1,200 (2X600)                        |
| <b>Satpura Thermal Power Station</b>     | MPPGCL              | Sarni/Betul/Madhya Pradesh      | State       | Western | 1,142.5 (5 x 62.5, 1 x 200, 3 x 210) |
| <b>Parli Thermal Power Station</b>       | MAHAGENCO           | Parli-Vajjnath/Beed/Maharashtra | State       | Western | 1,130 (3 x 210, 2 x 250)             |
| <b>Jindal Megha Power Plant</b>          | Jindal              | Tamnar/Raigarh/Chhattisgarh     | Private     | Western | 1,000 (4 x 250)                      |
| <b>Gandhinagar Thermal Power Station</b> | GSECL               | Gandhinagar/Gandhinagar/Gujarat | State       | Western | 870 (2 x 120, 3 x 210)               |
| <b>Ukai Thermal Power Station</b>        | GSECL               | Ukai dam/Tapi/Gujarat           | State       | Western | 850 (2 x 120, 2 x 200, 1 x 210)      |
| <b>Hasdeo Thermal Power Station</b>      | CSPGCL              | Korba/Chhattisgarh              | State       | Western | 840 (4 x 210)                        |
| <b>Nashik Thermal Power Station</b>      | MAHAGENCO           | Nashik/Nashik/Maharashtra       | State       | Western | 630 (3 x 210)                        |
| <b>Koradi Thermal Power Station</b>      | MAHAGENCO           | Koradi/Nagpur/Maharashtra       | State       | Western | 620 (1 x 200, 2 x 210)               |
| <b>Lanco Amarkantak Power Plant</b>      | Lanco               | Pathadi/Korba/Chhattisgarh      | Private     | Western | 600 (2 x 300)                        |
| <b>Wardha Warora Power Plant</b>         | KSK Energy Ventures | Warora/Chandrapur/Maharashtra   | Private     | Western | 540 (4 x 135)                        |
| <b>Dr Shyama Prasad</b>                  | CSPGCL              | Korba/Chhattisgarh              | State       | Western | 500 (2 x 250)                        |

|   |                                       |                                   |         |         |                                |
|---|---------------------------------------|-----------------------------------|---------|---------|--------------------------------|
| <b>Mukharjee Thermal Power Station</b>  |                                       |                                   |         |         |                                |
| <b>Dahanu Thermal Power Station</b>     | Reliance Infrastructure               | Dahanu/Thane/Maharashtra          | Private | Western | 500 (2 x 250)                  |
| <b>Paras Thermal Power Station</b>      | MAHAGENCO                             | Vidyutnagar/Akola/Maharashtra     | State   | Western | 500 (2 x 250)                  |
| <b>KSK Mahanadi Power</b>               | KSK Energy Ventures                   | Nariyara/Bilaspur/Chhattisgarh    | Private | Western | 135 (1 x 135)                  |
| <b>Bhilai Expansion Power Plant</b>     | NTPC-SAIL Power Company Limited (JV)  | Bhilai/Durg/Chhattisgarh          | Central | Western | 500 (2 x 250)                  |
| <b>Surat Thermal Power Station</b>      | Gujarat Industries Power Company Ltd. | Nani Naroli/Surat/Gujarat         | State   | Western | 500 (4 x 125)                  |
| <b>Amarkantak Thermal Power Station</b> | MPPGCL                                | Chachai/Anuppur/Madhya Pradesh    | State   | Western | 450 (2 x 120, 1 x 210)         |
| <b>Bhawnendra Singh Deo Power Plant</b> | CSPGCL                                | Korba/Chhattisgarh                | State   | Western | 440 (4 x 50, 2 x 120)          |
| <b>Sabarmati Thermal Power Station</b>  | Torrent Power                         | Ahmedabad/Gujarat                 | Private | Western | 400 (1 x 60, 1 x 120, 2 x 110) |
| <b>CESC Chandrapur Thermal Power</b>    | CESC                                  | Chandrapur/Chandrapur/Maharashtra | Private | Western | 300 (1 x 300)                  |

| <b>Station</b>                               |         |   |         |           |   |
|--|---------|---|---------|-----------|---|
| <b>Kutch Thermal Power Station</b>           | GSECL   | Panandhro/Kutch/Gujarat                     | State   | Western   | 290 (2 x 70, 2 x 75)                    |
| <b>Akrimota Thermal Power Station</b>        | GMDC    | Chher Nani/Kutch/Gujarat                    | State   | Western   | 250 (2 x 125)                           |
| <b>Sikka Thermal Power Station</b>           | GSECL   | Jamnagar/Jamnagar/Gujarat                   | State   | Western   | 240 (2 x 120)                           |
| <b>Dhuvaran Thermal Power Station</b>        | GSECL   | Khambhat/Anand/Gujarat                      | State   | Western   | 220 (2 x 110)                           |
| <b>Total</b>                                 |         |   |         | <b>41</b> | <b>140 Units gives<br/>67,029.01 MW</b> |
| <b>Rihand Thermal Power Station</b>          | NTPC    | Rihand Nagar/Sonebhadra/Uttar Pradesh       | Central | Northern  | 3,000 (6 x 500)                         |
| <b>Singrauli Super Thermal Power Station</b> | NTPC    | Shaktinagar/Sonebhadra/Uttar Pradesh        | Central | Northern  | 2,000 (5 x 200, 2 x 500)                |
| <b>NTPC Dadri</b>                            | NTPC    | Vidyutnagar/Gautam Budh Nagar/Uttar Pradesh | Central | Northern  | 1,820 (4 x 210, 2 x 490)                |
| <b>Anpara Thermal Power Station</b>          | UPRVUNL | Anpara/Sonebhadra/Uttar Pradesh             | State   | Northern  | 1,630 (3 x 210, 2 x 500)                |
| <b>Suratgarh Super Thermal Power Plant</b>   | RVUNL   | Suratgarh/Sri Ganganagar/Rajasthan          | State   | Northern  | 1,500 (6 x 250)                         |

|  |                        |                                  |         |          |                                   |
|--|------------------------|----------------------------------|---------|----------|-----------------------------------|
| <b>Panipat Thermal Power Station</b>               | HPGCL                  | Assan/Panipat/Haryana            | State   | Northern | 1360 (2 x 250, 2 x 210, 4 x 110)  |
| <b>Obra Thermal Power Station</b>                  | UPRVUNL                | Obra/Sonebhadra/Uttar Pradesh    | State   | Northern | 1,322 (1 x 40, 3 x 94, 5 x 200)   |
| <b>Guru Gobind Singh Super Thermal Power Plant</b> | PSPCL                  | Ghanauli/Rupnagar/Punjab         | State   | Northern | 1,260 (6 x 210)                   |
| <b>Kota Super Thermal Power Plant</b>              | RVUNL                  | Kota/Kota/Rajasthan              | State   | Northern | 1,240 (2 x 110, 3 x 210, 2 x 195) |
| <b>Rosa Thermal Power Plant</b>                    | Reliance Power Limited | Rosa/Shahjahanpur/Uttar Pradesh  | Private | Northern | 1,200 (4 x 300)                   |
| <b>Rajiv Gandhi Thermal Power Station</b>          | HPGCL                  | Khedar/Hisar/Haryana             | State   | Northern | 1,200 (2 x 600)                   |
| <b>Raj West Lignite Power Plant</b>                | JSW Energy             | Barmer/Barmer/Rajasthan          | Private | Northern | 1,080 (8 x 135)                   |
| <b>Feroj Gandhi Unchahar Thermal Power Plant</b>   | NTPC                   | Unchahar/Raebareli/Uttar Pradesh | Central | Northern | 1,050 (5 x 210)                   |
| <b>Guru Hargobind TP</b>                           | PSPCL                  | Lehra Mohabbat/Bathinda/Punjab   | State   | Northern | 920 (2 x 210, 2 x 250)            |
| <b>Badarpur Thermal Power Station</b>              | NTPC                   | Badarpur/New Delhi/Delhi         | Central | Northern | 705 (3 x 95, 2 x 210)             |

|  |                     |  |         |          |                               |
|--|---------------------|--|---------|----------|-------------------------------|
| <b>Parichha Thermal Power Station</b>              | UPRVUNL             | Parichha/Jhansi/Uttar Pradesh            | State   | Northern | 640 (2 x 110, 2 x 210)        |
| <b>Deenbandhu Chhotu Ram Thermal Power Station</b> | HPGCL               | Yamuna Nagar/Yamuna Nagar/Haryana        | State   | Northern | 600 (2 x 300)                 |
| <b>Chhabra Thermal Power Plant</b>                 | RVUNL               | Mothipura/Baran/Rajasthan                | State   | Northern | 500 (2 x 250)                 |
| <b>Guru Nanak Dev Thermal Plant</b>                | PSPCL               | Bathinda/Bathinda/Punjab                 | State   | Northern | 440 (4 x 110)                 |
| <b>Tanda Thermal Power Plant</b>                   | NTPC                | Vidyutnagar/Ambedkar Nagar/Uttar Pradesh | Central | Northern | 440 (4 x 110)                 |
| <b>Barsingsar Thermal Power Station</b>            | NLC                 | Barsingsar/Bikaner/Rajasthan             | Central | Northern | 250 (2 x 125)                 |
| <b>Giral Lignite Power Plant</b>                   | RVUNL               | Thumbli/Barmer/Rajasthan                 | State   | Northern | 250 (2 x 125)                 |
| <b>Harduaganj Thermal Power Station</b>            | UPRVUNL             | Harduaganj/Aligarh/Uttar Pradesh         | State   | Northern | 220 (1 x 55, 1 x 60, 1 x 105) |
| <b>Panki Thermal Power Station</b>                 | UPRVUNL             | Panki/Kanpur/Uttar Pradesh               | State   | Northern | 210 (2 x 105)                 |
| <b>Rajghat Power Station</b>                       | IPGCL               | Rajghat/New Delhi/Delhi                  | State   | Northern | 135 (2 X 67.5)                |
| <b>VS Lignite Power Plant</b>                      | KSK Energy Ventures | Gurha/Bikaner/Rajasthan                  | Private | Northern | 135 (1 x 135)                 |

|  |          |                                     |             |                   |                                     |
|--|----------|-------------------------------------|-------------|-------------------|-------------------------------------|
| <b>Faridabad Thermal Power Station</b>       | HPGCL    | Faridabad/Faridabad/Haryana         | State       | Northern          | 55 (1 x 55)                         |
| <b>Total</b>                                 |          |                                     |             | <b>27</b>         | <b>104 Units Gives 40,943.50 MW</b> |
| <b>Barh Super Thermal Power Station</b>      | NTPC     | Barh/Patna/Bihar                    | Central     | Eastern           | 3,300 (3 x 660, 2 x 660)            |
| <b>DB Thermal Project Ltd.</b>               | DB POWER | Raigarh/Janjgir Champa/Chhattisgarh | Private IPP | Eastern           | 1,200 (2X600)                       |
| <b>Talcher Super Thermal Power Station</b>   | NTPC     | Kaniha/Angul/Odisha                 | Central     | Eastern, Southern | 3,000 (2 x 500, 4 X 500)            |
| <b>Sterlite Jharsuguda Power Station</b>     | Vedanta  | Jharsuguda/Jharsuguda/Odisha        | Private     | Eastern           | 2,400 (4x600)                       |
| <b>Mejia Thermal Power Station</b>           | DVC      | Durlavpur/Bankura/West Bengal       | Central     | Eastern           | 2,340 (4 x 210, 2 x 250, 2 x 500)   |
| <b>Kahalgaon Super Thermal Power Station</b> | NTPC     | Kahalgaon/Bhagalpur/Bihar           | Central     | Eastern           | 2,340 (4 x 210, 3 x 500)            |
| <b>Farakka Super Thermal Power Station</b>   | NTPC     | Farakka/Murshidabad/West Bengal     | Central     | Eastern           | 2,100 (3 x 200, 2 x 500, 1 x 500)   |
| <b>Nabinagar Super Thermal Power Project</b> | NTPC     | Nabhinagar/Aurangabad/Bihar         | Central     | Eastern           | 1,980 (3 x 660)                     |
| <b>Vedanta Jharsuguda Captive Power</b>      | Vedanta  | JharsugudaJharsuguda/Odisha         | Private     | Eastern           | 1,215 (9x135)                       |



| <b>Plant</b>  |                        |                                    |         |         |                                   |
|---|------------------------|------------------------------------|---------|---------|-----------------------------------|
| <b>Kolaghat Thermal Power Station</b>                 | WBPDC                  | Mecheda/East Midnapore/West Bengal | State   | Eastern | 1,260 (6 x 210)                   |
| <b>Chandrapura Thermal Power Station</b>              | DVC                    | Chandrapura/Bokaro/Jharkhand       | Central | Eastern | 1,250 (3 x 130, 3 x 120, 2 x 250) |
| <b>Angul Thermal Power Station</b>                    | Jindal Steel and Power | Angul/Angul/Odisha                 | Private | Eastern | 1,200 (2x600)                     |
| <b>National Aluminium Company Captive Power Plant</b> | NALCO                  | Angul/Angul/Odisha                 | State   | Eastern | 1,200 (10 x 120)                  |
| <b>Kamalanga Thermal Power Plant</b>                  | GMR Group              | Dhenkanal/Dhenkanal/Odisha         | State   | Eastern | 1,050 (3x350)                     |
| <b>Bakreshwar Thermal Power Station</b>               | WBPDC                  | Suri/Birbhum/West Bengal           | State   | Eastern | 1,050 (5 x 210)                   |
| <b>Durgapur Steel Thermal Power Station</b>           | DVC                    | Durgapur/Bardhaman/West Bengal     | Central | Eastern | 1,000 (2 x 500)                   |
| <b>Koderma Thermal Power Station</b>                  | DVC                    | Kodarma/Koderma/Jharkhand          | Central | Eastern | 1,000 (2 x 500)                   |
| <b>Bhartiya Rail Bijlee Company Limited(BRBC L)</b>   | NTPC                   | Nabhinagar/Aurangabad/Bihar        | Central | Eastern | 1,000 (4x 250)                    |

|   |       |  |         |         |  |
|---|-------|--|---------|---------|--|
| <b>Ib Thermal Power Station</b>         | OPGCL | Banharpali/Jharsuguda/Odisha               | State   | Eastern | 960 (8 x 120)                                  |
| <b>Barauni Thermal Power Station</b>    | NTPC  | Barauni/Begusarai/Bihar                    | State   | Eastern | 810 (2 x 50, 2 x 105, 2 x 250)                 |
| <b>Patratu Thermal Power Station</b>    | JSEB  | Patratu/Jaisalmer/Jharkhand                | State   | Eastern | 770 (4 x 40, 2 x 90, 2 x 105, 2 x 110)         |
| <b>Budge Budge Thermal Power Plant</b>  | CESC  | Budge Budge/South 24 Paraganas/West Bengal | Private | Eastern | 750 (3 x 250)                                  |
| <b>Santaldih Thermal Power Station</b>  | WBPDC | Santaldih/Purulia/West Bengal              | State   | Eastern | 500 (2 x 250)                                  |
| <b>Durgapur Thermal Power Station</b>   | DVC   | Durgapur/Bardhaman/West Bengal             | State   | Eastern | 690 (2 x 30, 1 x 70, 2 x 75, 1 x 110, 1 x 300) |
| <b>Bokaro Thermal Power Station</b>     | DVC   | Bokaro/Bokaro/Jharkhand                    | Central | Eastern | 630 (3 x 210)                                  |
| <b>Kanti Thermal Power Station</b>      | NTPC  | Kanti/Muzaffarpur/Bihar                    | State   | Eastern | 610 (2 x 110, 2 x 195)                         |
| <b>Sagardighi Thermal Power Station</b> | WBPDC | Monigram/Murshidabad/West Bengal           | State   | Eastern | 600 (2 x 300)                                  |
| <b>Talcher Thermal Power Station</b>    | NTPC  | Talcher/Angul/Odisha                       | Central | Eastern | 460 (4 x 60, 2 x 110)                          |
| <b>Bandel Thermal</b>                   | WBPDC | Bandel/Hooghly/West Bengal                 | State   | Eastern | 450 (4 x 60, 1 x 210)                          |

|   |                     |  |             |           |                                     |
|---|---------------------|--|-------------|-----------|-------------------------------------|
| <b>Power Station</b>                      |                     |  |             |           |                                     |
| <b>Jojobera Thermal Power Plant</b>       | Tata                | Jojobera/East Singhbhum/Jharkhand          | Private     | Eastern   | 427.5 (3 x 120, 1x67.5)             |
| <b>Tenughat Thermal Power Station</b>     | TVNL                | Jharkhand                                  | State       | Eastern   | 420 (2 x 210)                       |
| <b>Hirakud Captive Power Plant</b>        | Hindalco Industries | Hirakud/Sambalpur/Odisha                   | Private CPP | Eastern   | 367.5 (1 x 67.5, 3 x 100)           |
| <b>Durgapur Thermal Power Station</b>     | DVC                 | Durgapur/Bardhaman/West Bengal             | Central     | Eastern   | 350 (1 x 140, 1 x 210)              |
| <b>Titagarh Thermal Power Station</b>     | CESC                | Titagarh/North 24 Paraganas/West Bengal    | Private     | Eastern   | 240 (4 x 60)                        |
| <b>CESC Southern Generating Station</b>   | CESC                | Kolkata/Kolkata/West Bengal                | Private     | Eastern   | 135 (3 x 67.5)                      |
| <b>New Cossipore Generating Station</b>   | CESC                | Cossipore/Kolkata/West Bengal              | Private     | Eastern   | 100 (1 x 100)                       |
| <b>Total</b>                              |                     |  |             | <b>36</b> | <b>104 Units Gives 28,892.87 MW</b> |
| <b>NTPC Ramagundam</b>                    | NTPC                | Jyothi Nagar/Karimnagar/Telangana          | Central     | Southern  | 2,600 (3 x 200, 4 x 500)            |
| <b>Simhadri Super Thermal Power Plant</b> | NTPC                | Visakhapatnam/Visakhapatnam/Andhra Pradesh | Central     | Southern  | 2,000 (4 x 500)                     |

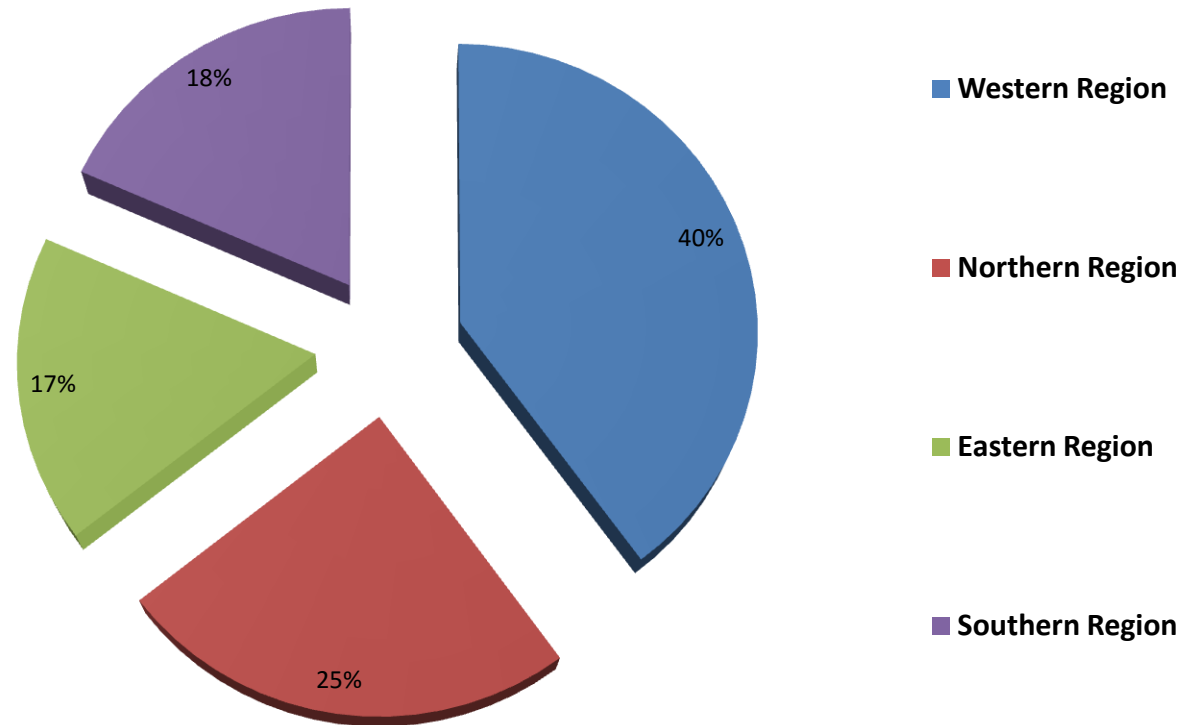
|  |   |  |                 |          |   |
|--|---|--|-----------------|----------|---|
| <b>Neyveli Thermal Power Station II</b>                | NLC                                     | Neyveli/Cuddalore/Tamil Nadu           | Central         | Southern | 1,970 (7 x 210, 2 x 250)                  |
| <b>Dr Narla Tatarao TPS</b>                            | APGENCO                                 | Ibrahimpattanam/Krishna/Andhra Pradesh | State           | Southern | 1,760 (6 x 210, 1 x 500)                  |
| <b>Raichur Thermal Power Station</b>                   | KPCL                                    | Raichur/Raichur/Karnataka              | State           | Southern | 1,720 (7 x 210, 1 x 250)                  |
| <b>Kothagudem Thermal Power Station</b>                | TSGENCO                                 | Paloncha/Khammam/Telangana             | State           | Southern | 1,720 (4 x 60, 4 x 120, 2 x 250, 1 x 500) |
| <b>Sri Damodaram Sanjeevaiah Thermal Power Station</b> | Andhra Pradesh Power Development Co Ltd | Krishnapattanam/Nellore/Andhra Pradesh | State           | Southern | 1,600 (2 x 800)                           |
| <b>Vallur Thermal Power Station</b>                    | NTPC & TNEB                             | Vallur/Chennai/Tamil Nadu              | State & central | Southern | 1,500 (3 x 500)                           |
| <b>Pynampuram Power Station</b>                        | TPCIL                                   | Krishnapattanam/Nellore/Andhra Pradesh | Private         | Southern | 1,320 (2 x 660)                           |
| <b>Udupi Thermal Power Plant</b>                       | Adani Power                             | Nandikoor/Udupi/Karnataka              | Private         | Southern | 1,200 (2 x 600)                           |
| <b>Tuticorin Thermal Power Station</b>                 | TNEB                                    | Tuticorin/Tuticorin/Tamil Nadu         | State           | Southern | 1,050 (5 x 210)                           |
| <b>Rayalaseema Thermal Power Station</b>               | APGENCO                                 | Kadapa/Kadapa/Andhra Pradesh           | State           | Southern | 1,050 (5 x 210)                           |
| <b>Neyveli Thermal Power</b>                           | NLC                                     | Neyveli/Cuddalore/Tamil Nadu           | Central         | Southern | 1,020 (6 x 50, 3 x 100, 2 x 210)          |

| <b>Station I</b>                           |            |  |                 |          |                        |
|--|------------|--|-----------------|----------|------------------------|
| <b>NTPL Thermal Power Station</b>          | NLC & TNEB | Tuticorin/Tuticorin/Tamil Nadu         | State & central | Southern | 1,000 (2 x 500)        |
| <b>JSW Vijayanagar Power Station</b>       | JSW Energy | Vijayanagar/Bellary/Karnataka          | Private         | Southern | 860 (2 x 130, 2 x 300) |
| <b>Mettur Thermal Power Station</b>        | TNEB       | Mettur/Salem/Tamil Nadu                | State           | Southern | 840 (4 x 210)          |
| <b>North Chennai Thermal Power Station</b> | TNEB       | AthipattuThiruvallore/Tamil Nadu       | State           | Southern | 630 (3 x 210)          |
| <b>Muthiara Thermal Power Station</b>      | Energen    | Tuticorin/Tuticorin/Tamil Nadu         | Private         | Southern | 600 (1 x 600)          |
| <b>IL&amp;FS Thermal Power Station</b>     | ITPCL      | Cuddalore/Cuddalore/Tamil Nadu         | Private         | Southern | 600 (1 x 600)          |
| <b>Simhapuri Thermal Power Station</b>     | SPL        | Krishnapattanam/Nellore/Andhra Pradesh | Private         | Southern | 600 (4 x 150)          |
| <b>Hinduja Thermal Power Station</b>       | HNPCCL     | Gajuwaka/Visakhapatnam/Andhra Pradesh  | Private         | Southern | 525 (1 x 525)          |
| <b>Kakatiya Thermal Power Station</b>      | TSGENCO    | Chelpur/Warangal/Telangana             | State           | Southern | 500 (1 x 500)          |
| <b>Bellary Thermal Power station</b>       | KPCL       | Kudatini/Bellary/Karnataka             | State           | Southern | 500 (1 x 500)          |

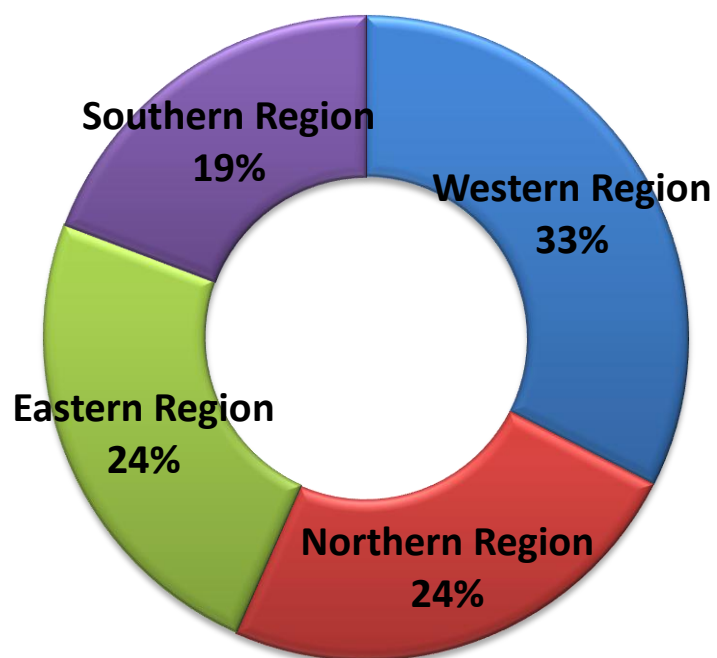
|  |           |  |         |            |  |
|--|-----------|--|---------|------------|--|
| <b>Ennore Thermal Power Station</b>          | TNEB      | Ennore/Chennai/Tamil Nadu              | State   | Southern   | 450 (2 x 60, 3 x 110)                          |
| <b>Tuticorin (Pvt) Thermal Power Station</b> | Indbharat | Tuticorin/Tuticorin/Tamil Nadu         | Private | Southern   | 300 (2 x 150)                                  |
| <b>Meenakshi Thermal Power Station</b>       | MEPL      | Krishnapattanam/Nellore/Andhra Pradesh | Private | Southern   | 300 (2 x 150)                                  |
| <b>Neyveli Zero Lignite Power Station</b>    | TAQA      | Neyveli/Cuddalore/Tamil Nadu           | Private | Southern   | 250 (1 x 250)                                  |
| <b>Ramagundam B Thermal Power Station</b>    | TSGENCO   | Ramagundam/Karimnagar/Telangana        | State   | Southern   | 62.5 (1 x 62.5)                                |
| <i>TOTAL</i>                                 |           |  |         | <b>28</b>  | <b>83 Units Gives<br/>30,842.5 MW</b>          |
| <b>GRAND TOTAL</b>                           |           |  |         | <b>132</b> | <b>Total 431 Units Gives<br/>167,707.88 MW</b> |

Source: [https://en.wikipedia.org/wiki/List\\_of\\_power\\_stations\\_in\\_India](https://en.wikipedia.org/wiki/List_of_power_stations_in_India)

***Power Generation in India by Thermal Power Stations Region wise  
break-up***



## Thermal Power Units Region Wise in India



### Break up Statistics:

| Region       | Total Thermal Plants | Total Units in Plants | Central Government Plants | State Government Plants | Private Sector Plants | State & Central Joint Plant | Power Generation (MW) |
|--------------|----------------------|-----------------------|---------------------------|-------------------------|-----------------------|-----------------------------|-----------------------|
| Western      | 41                   | 140                   | 4                         | 23                      | 14                    | -                           | 67,029.01             |
| Northern     | 27                   | 104                   | 7                         | 17                      | 3                     | -                           | 40,943.50             |
| Eastern      | 36                   | 104                   | 13                        | 13                      | 10                    | -                           | 28,892.87             |
| Southern     | 28                   | 83                    | 4                         | 12                      | 10                    | 2                           | 30,842.50             |
| <b>Total</b> | <b>132</b>           | <b>431</b>            | <b>28</b>                 | <b>65</b>               | <b>37</b>             | <b>2</b>                    | <b>167,707.88</b>     |