

Installed Capacity of Coal Fired Plants

- as on Nov'21



Coal Fired Plants Installed Capacity

Western Region

Name of Plant	Operator	State	Sector	Unit-wise Size	Total Capacity
Bhilai Extension Power Plant	NSPCL	Chhattisgarh	Central	500(2X250)	500
Korba Super Thermal Power Station	NTPC	Chhattisgarh	Central	2600(3X200,4X500)	2600
Sipat Thermal Power Plant	NTPC	Chhattisgarh	Central	2980(2X500,3X660)	2980
Lara Thermal Power Plant	NTPC	Chhattisgarh	Central	1600(2X800)	1600
Bandakhar Power Plant	ACB	Chhattisgarh	Private	300(1X300)	300
Chakabura Thermal Power Project	ACB	Chhattisgarh	Private	30(1X30)	30
Kasaipali Power Plant	ACB	Chhattisgarh	Private	270(2X135)	270
Nawapara Thermal Power Plant	ACB	Chhattisgarh	Private	600(2X300)	600
Ratija Power Plant	ACB	Chhattisgarh	Private	100(2X50)	100
Renki Power Plant	ACB	Chhattisgarh	Private	63	63
Swastik Power Plant	ACB	Chhattisgarh	Private	25(1X25)	25
Binjkote Thermal Power Plant	SKS Ispat	Chhattisgarh	Private	600(2X300)	600
Avantha Bandhar Thermal Power Plant	Korba West Power	Chhattisgarh	Private	600(1X600)	600
Bardarha Thermal Power Plant	DB Power	Chhattisgarh	Private	1200(2X600)	1200
Raikheda Thermal Project	GMR	Chhattisgarh	Private	1370(2X685)	1370
Jindal Mega Power Plant	Jindal Power	Chhattisgarh	Private	3400(4X250,4X600)	3400
Akaltara Power Plant	KSK Energy Ventures	Chhattisgarh	Private	1800(3X600)	1800
Lanco Amarkantak Power Plant	LANCO	Chhattisgarh	Private	600(2X300)	600
Uchpinda Thermal Power Station	RKM Powergen	Chhattisgarh	Private	1440(4X360)	1440
Katghora Thermal Power Plant	Vandana Energy & Steel	Chhattisgarh	Private	35(1X35)	35
Salora Thermal Power Plant	Vandana Vidhyut	Chhattisgarh	Private	135(1X135)	135
Balco Power Plant III	Vedanta	Chhattisgarh	Private	600(2X300)	600
Dr Shyama Prasad Mukherjee Power Station	CSPGCL	Chhattisgarh	State	500(2X250)	500
Hasdeo Thermal Power Station	CSPGCL	Chhattisgarh	State	1340(4X210,1X500)	1340
Marwa Tendubhata Thermal Power Station	CSPGCL	Chhattisgarh	State	1000(2X500)	1000
Mundra Thermal Super Station	Adani Power	Gujarat	Private	4620(4X330,5X660)	4620
Essar Power Gujarat	Essar Power	Gujarat	Private	1200(2X600)	1200
Surat Thermal Power Station	Gujarat Industries Power Company	Gujarat	Private	500(4X125)	500
Mundra Ultra Mega Power Project	TATA Power	Gujarat	Private	4000(5X800)	4000
Sabarmati Thermal Power Station	Torrent Power	Gujarat	Private	362(1X120,2X121)	362
Bhavnagar Thermal Power Plant	Bhavnagar Energy Company	Gujarat	State	500(2X250)	500
Akrimota Thermal Power Station	GMDC	Gujarat	State	250(2X125)	250
Gandhinagar Thermal Power Station	GSECL	Gujarat	State	630(3X210)	630
Kutch Thermal Power Station	GSECL	Gujarat	State	150(2X75)	150
Sikka Thermal Power Station	GSECL	Gujarat	State	500(2X250)	500
Ukai Thermal Power Station	GSECL	Gujarat	State	1110 (2X200,1X210,1X500)	1110
Wanakbori Thermal Power Station	GSECL	Gujarat	State	2270(7X210,1X800)	2270
Vindychal Super Thermal Power Station	NTPC	Madhya Pradesh	Central	4760 (6X210,7X500)	4760
Gadarwara Super Thermal Power Station	NTPC	Madhya Pradesh	Central	1600(2X800)	1600
Khargone Super Thermal Power Station	NTPC	Madhya Pradesh	Central	1320(2X660)	1320
Jhabua Power Plant	Avantha Power	Madhya Pradesh	Private	600(1X600)	600

Name of Plant	Operator	State	Sector	Unit-wise Size	Total Capacity
Niwari Thermal Power Plant	BLA Power	Madhya Pradesh	Private	90(2X45)	90
Essar Mahan Power Plant	Essar Power	Madhya Pradesh	Private	1200(2X600)	1200
Anuppur Thermal Power Project	Hindustan Power	Madhya Pradesh	Private	1200(2X600)	1200
Bina Thermal Power Plant	JP Power Ventures	Madhya Pradesh	Private	500(2X250)	500
Nigri Thermal Power Plant	JP Power Ventures	Madhya Pradesh	Private	1320(2X660)	1320
Sasan Ultra Mega Power Project	Reliance Power	Madhya Pradesh	Private	3960(6X660)	3960
Amarkantak Thermal Power Station	MPPGC	Madhya Pradesh	State	210(1X210)	210
Sanjay Gandhi Thermal Power Station	MPPGC	Madhya Pradesh	State	1340(4X210,1X500)	1340
Shree Singaji Thermal Power Plant	MPPGC	Madhya Pradesh	State	2520(2X600,2X660)	2520
Satpura Thermal Power Station	MPPGC	Madhya Pradesh	State	1330 (1X200,3X210,2X250)	1330
Solapur Super Thermal Power Station	NTPC	Maharashtra	Central	1320(2X660)	1320
Mauda Super Thermal Power Station	NTPC	Maharashtra	Central	2320(2X500,2X660)	2320
Shirpur Thermal Power Plant	Shirpur Power	Maharashtra	Private	150(1X150)	150
Mihan Power Project	Abhijeet Power	Maharashtra	Private	246(4X61.5)	246
Tirora Thermal Power Station	Adani Power	Maharashtra	Private	3300(5X660)	3300
CESC Chandrapur Thermal Power	CESC	Maharashtra	Private	600(2X300)	600
GMR Warora Energy	GMR	Maharashtra	Private	600(2X300)	600
Ghugus Thermal Power Plant	Gupta Energy	Maharashtra	Private	120(2X60)	120
Bela Thermal Power Plant	Ideal Energy Project	Maharashtra	Private	270(1X270)	270
Ratnagiri Power Station	JSW Energy	Maharashtra	Private	300(1X300)	300
Wardha Warora Power Station	KSK Energy Ven- tures	Maharashtra	Private	540(4X135)	540
Amravati Thermal Power Pant	Rattan India	Maharashtra	Private	1350(5X270)	1350
Nasik Thermal Power Project	Rattan India	Maharashtra	Private	1350(5x270)	1350
Dahanu Thermal Power Station	Reliance Infrastruc- ture	Maharashtra	Private	500(2X250)	500
Butibori Power Project	Reliance Power	Maharashtra	Private	600(2X300)	600
Trombay Thermal Power Station	TATA Power	Maharashtra	Private	750(1X500,1X250)	750
Bhusawal Thermal Power Station	MAHAGENCO	Maharashtra	State	1210(1X210,2X500)	1210
Chandrapur Super Thermal Power Sta- tion	MAHAGENCO	Maharashtra	State	2920(2X210,5X500)	2920
Khaperkheda Thermal Power Station	MAHAGENCO	Maharashtra	State	1340(4X210,1X500)	1340
Koradi Thermal Power Station	MAHAGENCO	Maharashtra	State	2190(1X210,3X660)	2190
Nashik Thermal Power Station	MAHAGENCO	Maharashtra	State	630(3X210)	630
Paras Thermal Power Station	MAHAGENCO	Maharashtra	State	500(2X250)	500
Parli Thermal Power Station	MAHAGENCO	Maharashtra	State	750(3X250)	750
Grand Total					85586

Northern Region

Name of Plant	Operator	State	Sector	Unit-wise Size	Total Capacity
Indira Gandhi Super Thermal Power Plant	Aravali Power Company (NTPC, IPGCL & HPGCL JV)	Haryana	Central	1500(3X500)	1500
Mahatma Gandhi Thermal Power Plant	CPL India	Haryana	Private	1320(2X660)	1320
Deenbandhu Chhotu Ram Thermal Power Station	HPGCL	Haryana	State	600(2X300)	600
Panipat Thermal Power Station	HPGCL	Haryana	State	710(2X250,1X210)	710
Rajiv Gandhi Thermal Power Station	HPGCL	Haryana	State	1200(2X600)	1200
Goindwal Sahib Thermal Power Project	GVK Industries	Punjab	Private	540(2X270)	540
Rajpura Thermal Power Project	L&T	Punjab	Private	1400(2X700)	1400
Talwandi Sabo Thermal Power Project	Vedanta	Punjab	Private	1980(3X660)	1980
Guru Govind Singh Super Thermal Power Station	PSPCL	Punjab	State	840(4X210)	840
Guru Hargovind Thermal Power Station	PSPCL	Punjab	State	920(2X210,2X250)	920
Barsingsar Thermal Power Station	NLC	Rajasthan	Central	250(2X125)	250
Adani Power Rajasthan Limited	Adani Power	Rajasthan	Private	1320(2X660)	1320
Raj West Lignite Power Plant	JSW Energy	Rajasthan	Private	1080(8X135)	1080
Chhabra Thermal Power Station	RVUNL	Rajasthan	State	2320(4X250,2X660)	2320
Giral Lignite Power Plant	RVUNL	Rajasthan	State	250(2X125)	250
Kalisindh Thermal Power Station	RVUNL	Rajasthan	State	1200(2X600)	1200
Kota Thermal Power Station	RVUNL	Rajasthan	State	1240 (2X110,3X210,2X195)	1240
Suratgarh Super Thermal Power Station	RVUNL	Rajasthan	State	2820(6X250,2X660)	2820
Feroze Gandhi Unchahar Thermal Power Station	NTPC	Uttar Pradesh	Central	1550(5X210,1X500)	1550
NTPC Dadri	NTPC	Uttar Pradesh	Central	1820(4X210,2X490)	1820
Rihand Thermal Power Station	NTPC	Uttar Pradesh	Central	3000(6X500)	3000
Singrauli Super Thermal Power Station	NTPC	Uttar Pradesh	Central	2000(2X500,5X200)	2000
Tanda Thermal Power Station	NTPC	Uttar Pradesh	Central	1760(4X110,2X660)	1760
Meja Super Thermal Power Plant	MUNPL	Uttar Pradesh	Central	1320(2x660)	1320
Barkhera Power Plant	Bajaj Energy	Uttar Pradesh	Private	90(2X45)	90
Khambarkhera Power Plant	Bajaj Energy	Uttar Pradesh	Private	90(2X45)	90
Kundarkhi Power Plant	Bajaj Energy	Uttar Pradesh	Private	90(2X45)	90
Maqsoodpoor Power Plant	Bajaj Energy	Uttar Pradesh	Private	90(2X45)	90
Utraula Power Plant	Bajaj Energy	Uttar Pradesh	Private	90(2X45)	90
Lalitpur Power Generation Company	Bajaj Group	Uttar Pradesh	Private	1980(3X660)	1980
Bara Thermal Power Plant	JP Power Ventures	Uttar Pradesh	Private	1980(3X660)	1980
Lanco Anpara Power	LANCO	Uttar Pradesh	Private	1200(2X600)	1200
Rosa Thermal Power Station	Reliance Power	Uttar Pradesh	Private	1200(4X300)	1200
Anpara Thermal Power Station	UPRVUNL	Uttar Pradesh	State	2630(3X210,4X500)	2630
Harduaganj Thermal Power Station	UPRVUNL	Uttar Pradesh	State	605(1X105,2X250)	605
Obra Thermal Power Station	UPRVUNL	Uttar Pradesh	State	1094(1X94,5X200)	1094
Parichha Thermal Power Station	UPRVUNL	Uttar Pradesh	State	1140 (2X110,2X210,2X250)	1140
Grand Total					45219

Eastern Region

Name of Plant	Operator	State	Sector	Unit-wise Size	Total Capacity
Bongaigaon Thermal Power Station	NTPC	Assam	Central	750(3X250)	750
Barh Super Thermal Power Station	NTPC	Bihar	Central	1980(3x660)	1980
Kahalgaon Super Thermal Power Station	NTPC	Bihar	Central	2340(4X210,3X500)	2340
Nabinagar Thermal Power Project	NTPC & BRBCL JV	Bihar	Central	1000(4X250)	1000
Kanti Thermal Power Plant	KBUNL	Bihar	Central	610(2X110,2X195)	610
Nabinagar Super Thermal Power Plant	NTPC & BSEB JV	Bihar	Central	1320(2X660)	1320
Barauni Thermal Power Station	BSEB	Bihar	State	710(2X105,2X250)	710
Bokaro Thermal Power Station A	DVC	Jharkhand	Central	500(1X500)	500
Chandrapura Thermal Power Station	DVC	Jharkhand	Central	500(2X250)	500
Koderma Thermal Power Station	DVC	Jharkhand	Central	1000(2X500)	1000
Mahadev Prasad Super Thermal Power Project	Adhunik Power & Natural Resources	Jharkhand	Private	540(2X270)	540
Maithon Power Plant	TATA Power, DVC, & Maithon Alloys	Jharkhand	Private	1050(2X525)	1050
Jojobera Thermal Power Station	TATA Power	Jharkhand	Private	240(2X120)	240
Tenughat Thermal Power Station	Tenughat Vidhyut Nigam	Jharkhand	State	420(2X210)	420
Darlipali Super Thermal Power Plant	NTPC	Odisha	Central	1600(2x800)	1600
Talcher Super Thermal Power Station	NTPC	Odisha	Central	3000(6X500)	3000
Kamalanga Thermal Power Station	GMR Group	Odisha	Private	1050(3X350)	1050
Sahajbahal Thermal Power Project	INDBARATH Power Infra	Odisha	Private	350(1X350)	350
Angul Thermal Power Station	Jindal India Thermal Power	Odisha	Private	1200(2X600)	1200
Sterlite Jharsuguda Power Plant	Vedanta	Odisha	Private	600(1X600)	600
IB Thermal Power Station	OPGCL	Odisha	State	1740(2X210,2X660)	1740
Durgapur Steel Thermal Power Station	DVC	West Bengal	Central	1000(2X500)	1000
Durgapur Thermal Power Station	DVC	West Bengal	Central	210(1X210)	210
Mejia Thermal Power Station	DVC	West Bengal	Central	2340 (4X210,2X250,2X500)	2340
Raghunathpur Thermal Power Station	DVC	West Bengal	Central	1200(2X600)	1200
Farakka Super Thermal Power Station	NTPC	West Bengal	Central	2100(3X200,3X500)	2100
Budge Budge Thermal Power Station	CESC	West Bengal	Private	750(3X250)	750
CESC South Generating Station	CESC	West Bengal	Private	135(2X67.5)	135
Haldia Thermal Power Station	CESC	West Bengal	Private	600(2X300)	600
Titagarh Thermal Power Station	CESC	West Bengal	Private	240(4X60)	240
Hiranmaye Thermal Power Plant	Hiranmaye Energy	West Bengal	Private	300(2X150)	300
Dishergarh Thermal Power Plant	India Power Corporation	West Bengal	Private	12(1X12)	12
Durgapur Projects	DPL	West Bengal	State	550(1X300,1X250)	550
Bakreshwar Thermal Power Station	WBPDC	West Bengal	State	1050(5X210)	1050
Santalidih Thermal Power Station	WBPDC	West Bengal	State	500(2x250)	500
Kolaghat Thermal Power Station	WBPDC	West Bengal	State	1260(6X210)	1260
Sangardighi Thermal Power Station	WBPDC	West Bengal	State	1600(2X300,2X500)	1600
Bandel Thermal Power Station	WBPDC	West Bengal	State	330(2X60,1X210)	330
Grand Total					36677

Southern Region

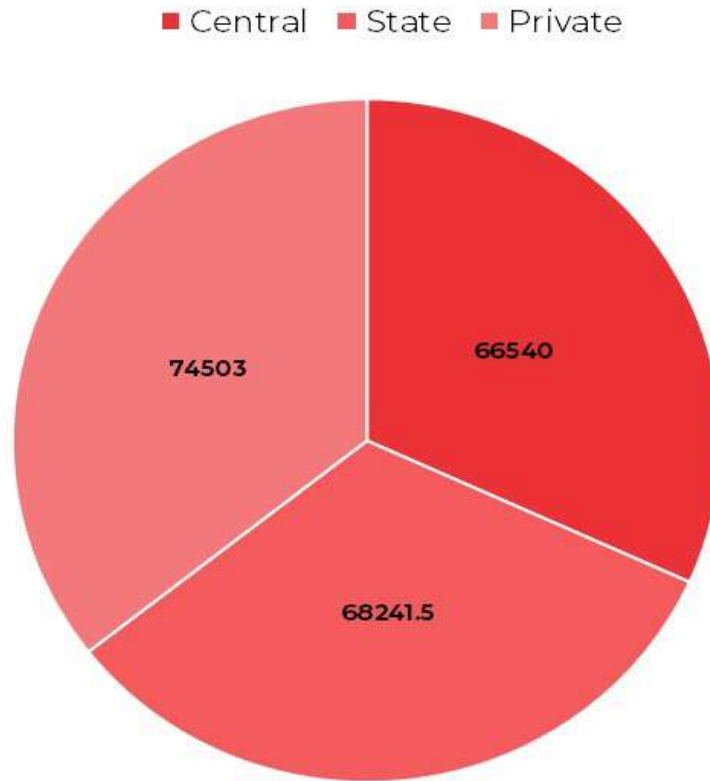
Name of Plant	Operator	State	Sector	Unit-wise Size	Total Capacity
Simhadri Super Thermal Power Station	NTPC	Andhra Pradesh	Central	2000(4X500)	2000
Vizag Thermal Power Station	HNPCL	Andhra Pradesh	Private	1040(2X520)	1040
Thamminapatnam Thermal Power Station	Meenakshi Energy	Andhra Pradesh	Private	300(2X150)	300
Sembcorp Gayatri Power Plant	SEMBCORP Gayathri Power	Andhra Pradesh	Private	1320(2x660)	1320
Simhapuri Thermal Power Station	Simhapuri Power	Andhra Pradesh	Private	600(4X150)	600
Pynampuram Thermal Power Station	Thermal Powertech	Andhra Pradesh	Private	1320(2X660)	1320
Sri Damodaran Sanjeevaiah Thermal Power Station	Andhra Pradesh Power Development Company	Andhra Pradesh	State	1600(2X800)	1600
Dr Narla Tatarao Thermal Power Station	APGENCO	Andhra Pradesh	State	1760(6X210,1X500)	1760
Royalaseema Thermal Power Station	APGENCO	Andhra Pradesh	State	1650(5X210,1x600)	1650
Kudgi Super Thermal Power Station	NTPC	Karnataka	Central	2400(3X800)	2400
Udupi Thermal Power Station	Adani Power	Karnataka	Private	1200(2X600)	1200
JSW Vijayanagar Power Station	JSW Energy	Karnataka	Private	860(2X130,2X300)	860
Bellary Thermal Power Station	KPCL	Karnataka	State	1700(2X500,1X700)	1700
Raichur Thermal Power Station	KPCL	Karnataka	State	1720(7X210,1X250)	1720
Yeramarus Thermal Power Station	KPCL	Karnataka	State	1600(2X800)	1600
Nevyeli New Thermal Power Plant	NLC	Tamil Nadu	Central	1000(2x500)	1000
Neyveli Thermal Power Station II	NLC	Tamil Nadu	Central	1970(7X210,2X250)	1970
Neyveli Thermal Power Station I	NLC	Tamil Nadu	Central	420(2X210)	420
NTECL Vallur Thermal Power Station	NTPC & TANGEDCO JV	Tamil Nadu	Central	1500(3X500)	1500
NTPL Thermal Power Station	NLC & TANGEDCO	Tamil Nadu	Central	1000(2X500)	1000
Neyveli Zero Thermal Power Station	Abu Dhabi National Energy Company (TAQA)	Tamil Nadu	Private	250(1X250)	250
Muthiara Thermal Power Station	Coastal Energen	Tamil Nadu	Private	1200(2X600)	1200
IL& FS Thermal Power Station	IL & FS Tamil Nadu Power Company	Tamil Nadu	Private	1200(2X600)	1200
Ind-Barath Thermal Power	INDBARATH Power Infra	Tamil Nadu	Private	300(2X150)	300
Mettur Thermal Power Station	TANGEDCO	Tamil Nadu	State	1440(4X210,1X600)	1440
North Chennai Thermal Power Station	TANGEDCO	Tamil Nadu	State	1830(3X210,2X600)	1830
Tuticorin Thermal Power Station	TANGEDCO	Tamil Nadu	State	1050(5X210)	1050
Ramagundam Thermal Power Station	NTPC	Telangana	Central	2600(3X200,4X500)	2600
Kakatiya Thermal Power Station	TSGENCO	Telangana	State	1100(1X500,1X600)	1100
Kothagudem Thermal Power Station	TSGENCO	Telangana	State	1800 (2X250,1X500,1X800)	1800
Ramagundam B Thermal Power Station	TSGENCO	Telangana	State	62.5(1X62.5)	62.5
Bhadradi Thermal Power Plant	TSGENCO	Telangana	State	810(3X270)	810
Singareni Thermal Power Project	SCCL	Telangana	State	1200(2X600)	1200
Grand Total					41802.5

Note:

(1) Capacities are mentioned in MW (Mega Watt).

(2) List does not contains details of captive power plants.

Sector-wise Installed Capacity



Quantity in MW
Total Installed Capacity as on Nov'21: 209284.5 MW

Capacity Addition/Removal

Unit-4 (250 MW) of Nabinagar TPP has been commissioned and added to central sector of Bihar.

Abbreviation Used	
ACB	Aryan Coal Benefications
APGENCO	Andhra Pradesh Power Generation Corporation
BRBCL	Bhartiya Rail Bijlee Company Limited
BSEB	Bihar State Electricity Board
CESC	Calcutta Electric Supply Corporation
CSPGCL	Chhattisgarh State Power Generation Company
DPL	Durgapur Projects Limited
DVC	Damodar Valley Corporation
GMDC	Gujarat Mineral Development Corporation
GSECL	Gujarat State Electricity Corporation Limited
HNPCL	Hinduja National Power Corporation Limited
HPGCL	Haryana Power Generation Corporation
IPGCL	Indraprastha Power Generation Company
KBUNL	Kanti Bijlee Utpadan Nigam Ltd
KPCL	Karnataka Power Corporation
MAHAGENCO	Maharashtra State Power Generation Company
MPPGCL	Madhya Pradesh Power Generation Company Limited
NLC	Neyveli Lignite Company
NSPCL	NTPC SAIL Power Company Ltd
NTECL	NTPC Tamilnadu Energy Company Limited
NTPC	National Thermal Power Corporation
NTPL	NLC Tamil Nadu Power Limited
OPGCL	Odisha Power Generation Corporation
PSPCL	Punjab State Power Corporation Limited
RVUNL	Rajasthan Rajya Vidyut Utpadan Nigam
SCCL	Singareni Collieries Company Limited
TANGEDCO	Tamil Nadu Generation and Distribution Corporation
TSGENCO	Telangana State Power Generation Corporation Limited
UPRVUNL	Uttar Pradesh Rajya Vidyut Utpadan Nigam
WBPDCL	West Bengal Power Development Corporation

Disclaimer

CoalMint has taken due care and caution in compilation of content. Information is just for reference not intended for trading purpose or to address your particular requirement. The content includes facts, views, and opinions are of individuals and not that of the CoalMint management. We and our content licensors do not guarantee or warrant the accuracy, completeness or timeliness of, or otherwise endorse these views, and opinions. CoalMint and its affiliates, or their employees, directors or agents shall not be liable or responsible for any loss or costs or any action whatsoever arising out of use or relying on the spot prices disseminated.