

Economic Analysis of Flue Gas Desulfurization for SO₂ Control on 225 GW in Indian Coal-Based Thermal Power Plants

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Supplementary Information

Table : Plant level costs and emissions estimations

Name of Power Plant Unit	State	Commissioning Date	Capacity (MW)	Technology Type	Calorific value of coal	unit heat Rate	Sulfur content of coal	TCI	DAC	TAC	Uncontrolled SO ₂	SO ₂ removal	SO ₂ after FGD installation
									Annual costs				
Details given online at: https://iced.niti.gov.in/energy/electricity/generation/power-plant-details website					(kcal/kg)	(kcal/kWh)		in million \$		in kilotons/ year			
CASE 1													
Vijayawada or Dr. Narla Tata Rao Thermal Power Station Stage I Unit 1	Andhra Pradesh	1979-11-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

Vijayawada or Dr. Narla Tata Rao Thermal Power Station Stage I Unit 2	Andhra Pradesh	1980-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vijayawada or Dr. Narla Tata Rao Thermal Power Station Stage II Unit 3	Andhra Pradesh	1989-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vijayawada or Dr. Narla Tata Rao Thermal Power Station Stage II Unit 4	Andhra Pradesh	1990-08-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Rayalaseema Thermal Power Station Stage I Unit 1	Andhra Pradesh	1994-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vijayawada or Dr. Narla Tata Rao Thermal Power Station Stage III Unit 5	Andhra Pradesh	1994-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Rayalaseema Thermal Power Station Stage I Unit 2	Andhra Pradesh	1995-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vijayawada or Dr. Narla Tata Rao Thermal Power Station Stage III Unit 6	Andhra Pradesh	1995-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Simhadri Thermal Power Plant Phase I	Andhra Pradesh	2002-02-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4

Unit 1													
Simhadri Thermal Power Plant Phase I Unit 2	Andhra Pradesh	2002-08-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kahalgaon STPS Stage I Unit 1	Bihar	1992-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kahalgaon STPS Stage I Unit 2	Bihar	1994-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kahalgaon STPS Stage I Unit 3	Bihar	1995-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kahalgaon STPS Stage I Unit 4	Bihar	1996-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Korba Super Thermal Power Plant Stage I Unit 1	Chhattisgarh	1983-03-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Korba West or Hasdeo TPS Unit 2	Chhattisgarh	1983-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Korba Super Thermal Power Plant Stage I Unit 2	Chhattisgarh	1983-10-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Korba Super Thermal Power Plant Stage I Unit 3	Chhattisgarh	1984-03-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Korba West or Hasdeo TPS Unit 1	Chhattisgarh	1984-06-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Korba West or Hasdeo TPS Unit 3	Chhattisgarh	1985-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Korba West or Hasdeo TPS Unit 4	Chhattisgarh	1986-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Korba Super Thermal Power Plant Stage II Unit 4	Chhattisgarh	1987-05-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Korba Super Thermal Power	Chhattisgarh	1988-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4

Plant Stage II Unit 5													
Korba Super Thermal Power Plant Stage II Unit 6	Chhattisgarh	1989-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Sabarmati D and F Thermal Power Station (D) or Sabarmati (D-F Stations) Unit 1	Gujarat	1978-10-01	120	Subcritical	4030	2600	0.41	37.47	2.34	5.52	8.3	3.3	5.0
Ukai Thermal Power Station/ UKAI Unit 3	Gujarat	1979-01-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Ukai Thermal Power Station/ UKAI Unit 4	Gujarat	1979-03-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Wanakbori Thermal Power Station Unit 1	Gujarat	1982-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Wanakbori Thermal Power Station Unit 2	Gujarat	1983-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Wanakbori Thermal Power Station Unit 3	Gujarat	1984-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Sabarmati D and F Thermal Power Station (D) or Sabarmati (D-F Stations) Unit 2	Gujarat	1984-12-01	121	Subcritical	4030	2600	0.41	37.47	2.34	5.52	8.3	3.3	5.0
Ukai Thermal Power Station/ UKAI Unit 5	Gujarat	1985-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Wanakbori Thermal Power Station Unit 4	Gujarat	1986-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Wanakbori Thermal Power Station Unit 5	Gujarat	1986-09-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Wanakbori Thermal	Gujarat	1987-11-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

Power Station Unit 6													
Sabarmati D and F Thermal Power Station (D) or Sabarmati (D-F Stations) Unit 3	Gujarat	1988-09-01	121	Subcritical	4030	2600	0.41	37.47	2.34	5.52	8.3	3.3	5.0
Gandhi Nagar Thermal Power Station Unit 3	Gujarat	1990-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Gandhi Nagar Thermal Power Station Unit 4	Gujarat	1991-07-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Gandhi Nagar Thermal Power Station Unit 5	Gujarat	1998-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Wanakbori Thermal Power Station Unit 7	Gujarat	1998-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Surat (Lignite)Thermal Power Station/ Surat Lig. Power Plant (SLPP Station -I) Unit 2	Gujarat	1999-11-01	125	Subcritical	4030	2600	0.41	37.25	2.05	5.21	2.9	1.2	1.7
Surat (Lignite)Thermal Power Station/ Surat Lig. Power Plant (SLPP Station -I) Unit 1	Gujarat	2000-11-01	125	Subcritical	4030	2600	0.41	38.43	2.41	5.67	8.7	3.5	5.2
Panipat Thermal Power Station Stage IV Unit 6	Haryana	2001-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Tenughat Thermal Power Station (TTPS) Stage I Unit	Jharkhand	1994-04-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

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Tenughat Thermal Power Station (TTPS) Stage I Unit 2	Jharkhand	1996-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Jojobera TPS Unit 2	Jharkhand	2001-10-01	120	Subcritical	4030	2600	0.41	37.47	2.34	5.52	8.3	3.3	5.0
Jojobera TPS Unit 3	Jharkhand	2002-08-01	120	Subcritical	4030	2600	0.41	37.47	2.34	5.52	8.3	3.3	5.0
Raichur Thermal Power Station Unit 1	Karnataka	1985-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Raichur Thermal Power Station Unit 2	Karnataka	1986-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Raichur Thermal Power Station Unit 3	Karnataka	1991-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Raichur Thermal Power Station Unit 4	Karnataka	1994-09-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Raichur Thermal Power Station Unit 5	Karnataka	1999-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Torangallu Thermal Power Station Stage I Unit 1	Karnataka	1999-05-01	130	Subcritical	4030	2600	0.41	39.38	2.48	5.82	9.0	3.6	5.4
Torangallu Thermal Power Station Stage I Unit 2	Karnataka	1999-05-01	130	Subcritical	4030	2600	0.41	39.38	2.48	5.82	9.0	3.6	5.4
Raichur Thermal Power Station Unit 6	Karnataka	1999-07-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Raichur Thermal Power Station Unit 7	Karnataka	2002-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vindhyachal STPS Stage I Unit 1	Madhya Pradesh	1987-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vindhyachal STPS Stage I Unit 2	Madhya Pradesh	1988-07-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vindhyachal STPS Stage I Unit 3	Madhya Pradesh	1989-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vindhyachal STPS	Madhya	1989-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

Stage I Unit 4	Pradesh												
Vindhyachal STPS Stage I Unit 5	Madhya Pradesh	1990-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vindhyachal STPS Stage I Unit 6	Madhya Pradesh	1991-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Sanjay Gandhi Thermal Power Station/ SGTPS Phase I Unit 1	Madhya Pradesh	1993-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Sanjay Gandhi Thermal Power Station/ SGTPS Phase I Unit 2	Madhya Pradesh	1994-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Sanjay Gandhi Thermal Power Station/ SGTPS Phase II Unit 3	Madhya Pradesh	1999-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vindhyachal STPS Stage II Unit 7	Madhya Pradesh	1999-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Sanjay Gandhi Thermal Power Station/ SGTPS Phase II Unit 4	Madhya Pradesh	1999-11-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Vindhyachal STPS Stage II Unit 8	Madhya Pradesh	2000-02-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Nasik (Indiabulls) Thermal Power Station Phase II (NASIK TPS) Unit 3	Maharashtra	1979-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Nasik (Indiabulls) Thermal Power Station Phase II (NASIK TPS) Unit	Maharashtra	1980-07-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

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Nasik (Indiabulls) Thermal Power Station Phase II (NASIK TPS) Unit 5	Maharashtra	1981-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Koradi Thermal Power Station Unit 6	Maharashtra	1982-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bhusawal Coal based TPS Unit 3	Maharashtra	1982-09-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Trombay Thermal Power Station Unit 5	Maharashtra	1984-01-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Chandrapur (Maharashtra) Super Thermal Power Station Unit 3	Maharashtra	1985-05-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Chandrapur (Maharashtra) Super Thermal Power Station Unit 4	Maharashtra	1986-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Khaparkheda TPS Unit 1	Maharashtra	1989-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Khaparkheda TPS Unit 2	Maharashtra	1990-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Chandrapur (Maharashtra) Super Thermal Power Station Unit 5	Maharashtra	1991-03-01	500	Subcritical	4030	2375	0.41	91.36	6.97	14.72	15.8	12.7	3.2
Chandrapur (Maharashtra) Super Thermal Power Station Unit 6	Maharashtra	1992-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Dahanu Thermal Power Station Unit 1	Maharashtra	1995-01-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0

Dahanu Thermal Power Station Unit 2	Maharashtra	1995-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Chandrapur (Maharashtra) Super Thermal Power Station Unit 7	Maharashtra	1997-10-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Khaparkheda TPS Unit 3	Maharashtra	2000-05-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Khaparkheda TPS Unit 4	Maharashtra	2001-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
IB Valley Thermal Power Station / Banharpali TPS Unit 1	Odisha	1994-05-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kaniha Talcher Super Thermal Power Plant (TALCHER STPS) Stage I Unit 1	Odisha	1995-02-01	500	Subcritical	4030	2375	0.41	91.36	6.97	14.72	15.8	12.7	3.2
IB Valley Thermal Power Station / Banharpali TPS Unit 2	Odisha	1995-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kaniha Talcher Super Thermal Power Plant (TALCHER STPS) Stage I Unit 2	Odisha	1996-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Ropar TPS or Guru Gobind Singh STPP Unit 3	Punjab	1988-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Ropar TPS or Guru Gobind Singh STPP Unit 4	Punjab	1989-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

Ropar TPS or Guru Gobind Singh STPP Unit 5	Punjab	1992-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Ropar TPS or Guru Gobind Singh STPP Unit 6	Punjab	1993-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Guru Hargobind Thermal Power Station Stage I Unit 1	Punjab	1997-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Guru Hargobind Thermal Power Station Stage I Unit 2	Punjab	1998-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kota Super Thermal Power Plant or KTPS Stage I Unit 1	Rajasthan	1983-01-01	110	Subcritical	4030	2600	0.41	35.52	2.19	5.21	7.6	3.0	4.6
Kota Super Thermal Power Plant or KTPS Stage I Unit 2	Rajasthan	1983-07-01	110	Subcritical	4030	2600	0.41	35.52	2.19	5.21	7.6	3.0	4.6
Kota Super Thermal Power Plant or KTPS Stage II Unit 3	Rajasthan	1988-09-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kota Super Thermal Power Plant or KTPS Stage II Unit 4	Rajasthan	1989-05-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kota Super Thermal Power Plant or KTPS Stage III Unit 5	Rajasthan	1994-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Suratgarh Super Thermal Power Station Stage I Unit	Rajasthan	1998-02-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0

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Suratgarh Super Thermal Power Station Stage I Unit 2	Rajasthan	2000-10-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Suratgarh Super Thermal Power Station Stage II Unit 3	Rajasthan	2001-01-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Suratgarh Super Thermal Power Station Stage II Unit 4	Rajasthan	2002-07-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Tuticorin Thermal Power Station (TPS) Unit 1	Tamil Nadu	1979-07-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Tuticorin Thermal Power Station (TPS) Unit 2	Tamil Nadu	1980-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Tuticorin Thermal Power Station (TPS) Unit 3	Tamil Nadu	1982-04-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Neyveli Lignite Thermal Power Station-II (NEYVELI TPS II) Stage I Unit 3	Tamil Nadu	1986-03-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4
Mettur Thermal Power Station Unit 1	Tamil Nadu	1987-01-07	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Mettur Thermal Power Station Unit 2	Tamil Nadu	1987-01-12	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Neyveli Lignite Thermal Power Station-II	Tamil Nadu	1987-02-01	210	Subcritical	2500	2500	0.82	52.55	3.49	7.95	8.6	5.6	3.1

(NEYVELI TPS II) Stage I Unit 2													
Neyveli Lignite Thermal Power Station-II (NEYVELI TPS II) Stage I Unit 1	Tamil Nadu	1988-01-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4
Mettur Thermal Power Station Unit 3	Tamil Nadu	1989-03-22	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Mettur Thermal Power Station Unit 4	Tamil Nadu	1990-03-27	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Neyveli Lignite Thermal Power Station-II (NEYVELI TPS II) Stage II Unit 4	Tamil Nadu	1991-03-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4
Tuticorin Thermal Power Station (TPS) Unit 5	Tamil Nadu	1991-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Neyveli Lignite Thermal Power Station-II (NEYVELI TPS II) Stage II Unit 5	Tamil Nadu	1991-12-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4
Tuticorin Thermal Power Station (TPS) Unit 4	Tamil Nadu	1992-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Neyveli Lignite Thermal Power Station-II (NEYVELI TPS II) Stage II Unit 6	Tamil Nadu	1992-10-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4
Neyveli Lignite Thermal Power Station-II	Tamil Nadu	1993-06-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4

(NEYVELI TPS II) Stage II Unit 7													
North Chennai Thermal Power Station Stage I Unit 1	Tamil Nadu	1994-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
North Chennai Thermal Power Station Stage I Unit 2	Tamil Nadu	1995-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
North Chennai Thermal Power Station Stage I Unit 3	Tamil Nadu	1996-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Neyveli Lignite Thermal Power Station (Expansion) (NEYVELI (EXT)) Stage I Unit 1	Tamil Nadu	2002-10-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4
Neyveli Lignite Thermal Power Station (Expansion) (Z) (NEYVELI TPS (Z)) Unit 1	Tamil Nadu	2002-10-01	250	Subcritical	2500	2375	0.82	63.73	7.71	13.12	41.8	27.1	14.8
Ramagundam Super Thermal Power Station Stage I Unit 1	Telangana	1983-11-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Ramagundam Super Thermal Power Station Stage I Unit 2	Telangana	1984-05-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Ramagundam Super Thermal Power Station Stage I Unit	Telangana	1984-12-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0

3													
Ramagundam Super Thermal Power Station Stage II Unit 4	Telangana	1988-06-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Ramagundam Super Thermal Power Station Stage II Unit 5	Telangana	1989-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Ramagundam Super Thermal Power Station Stage II Unit 6	Telangana	1989-10-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kothagudem Thermal Power Station or Stage V Unit 9	Telangana	1997-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Kothagudem Thermal Power Station or Stage V Unit 10	Telangana	1998-02-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Obra Thermal Power Station B Unit 11	Uttar Pradesh	1977-12-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Harduaganj TPS Phase I Unit 7	Uttar Pradesh	1978-03-01	105	Subcritical	4030	2600	0.41	34.52	2.12	5.05	7.3	2.9	4.4
Obra Thermal Power Station B Unit 10	Uttar Pradesh	1979-01-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Obra Thermal Power Station B Unit 9	Uttar Pradesh	1980-01-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Obra Thermal Power Station B	Uttar Pradesh	1981-03-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0

Unit 12													
Singrauli Super Thermal Power Station Unit 1	Uttar Pradesh	1982-02-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Obra Thermal Power Station B Unit 13	Uttar Pradesh	1982-07-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Singrauli Super Thermal Power Station Unit 2	Uttar Pradesh	1982-11-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Singrauli Super Thermal Power Station Unit 3	Uttar Pradesh	1983-03-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Singrauli Super Thermal Power Station Unit 4	Uttar Pradesh	1983-11-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Singrauli Super Thermal Power Station Unit 5	Uttar Pradesh	1984-02-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Anpara Thermal Power Station -A Unit 1	Uttar Pradesh	1986-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Singrauli Super Thermal Power Station Unit 6	Uttar Pradesh	1986-12-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Anpara Thermal Power Station -A Unit 2	Uttar Pradesh	1987-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Singrauli Super Thermal Power Station Unit 7	Uttar Pradesh	1987-11-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Tanda Thermal Power Station Stage I Unit 1	Uttar Pradesh	1988-01-01	110	Subcritical	4030	2600	0.41	35.52	2.19	5.21	7.6	3.0	4.6

Rihand Super Thermal Power Station Stage I Unit 1	Uttar Pradesh	1988-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Anpara Thermal Power Station -A Unit 3	Uttar Pradesh	1988-04-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Unchahar or Feroz Gandhi Thermal Power Station Stage I Unit 1	Uttar Pradesh	1988-11-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Tanda Thermal Power Station Stage I Unit 2	Uttar Pradesh	1989-03-01	110	Subcritical	4030	2600	0.41	35.52	2.19	5.21	7.6	3.0	4.6
Unchahar or Feroz Gandhi Thermal Power Station Stage I Unit 2	Uttar Pradesh	1989-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Rihand Super Thermal Power Station Stage I Unit 2	Uttar Pradesh	1989-07-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Tanda Thermal Power Station Stage I Unit 3	Uttar Pradesh	1990-03-01	110	Subcritical	4030	2600	0.41	35.52	2.19	5.21	7.6	3.0	4.6
Dadri TPP (NCTPP) Stage I Unit 1	Uttar Pradesh	1991-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Dadri TPP (NCTPP) Stage I Unit 2	Uttar Pradesh	1992-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Anpara Thermal Power Station -B Unit 4	Uttar Pradesh	1993-01-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Dadri TPP (NCTPP) Stage I Unit 3	Uttar Pradesh	1993-06-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

Dadri TPP (NCTPP) Stage I Unit 4	Uttar Pradesh	1994-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Anpara Thermal Power Station -B Unit 5	Uttar Pradesh	1994-10-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Tanda Thermal Power Station Stage I Unit 4	Uttar Pradesh	1998-02-01	110	Subcritical	4030	2600	0.41	35.52	2.19	5.21	7.6	3.0	4.6
Unchahar or Feroz Gandhi Thermal Power Station Stage II Unit 3	Uttar Pradesh	1999-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Unchahar or Feroz Gandhi Thermal Power Station Stage II Unit 4	Uttar Pradesh	1999-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bandel Thermal Power Station Unit 5	West Bengal	1982-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kolaghat Thermal Power Station Unit 3	West Bengal	1984-10-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Farakka STPS Stage I Unit 1	West Bengal	1986-01-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Farakka STPS Stage I Unit 2	West Bengal	1986-12-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Farakka STPS Stage I Unit 3	West Bengal	1987-08-01	200	Subcritical	4030	2500	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Kolaghat Thermal Power Station Unit 5	West Bengal	1991-05-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Farakka STPS Stage II Unit 4	West Bengal	1992-09-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kolaghat Thermal Power Station Unit 6	West Bengal	1993-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Kolaghat Thermal Power Station Unit 4	West Bengal	1993-04-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

Farakka STPS Stage II Unit 5	West Bengal	1994-02-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Mejia TPS Unit 1	West Bengal	1995-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Mejia TPS Unit 2	West Bengal	1997-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Budge Budge Thermal Power Station Unit 1	West Bengal	1997-09-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Mejia TPS Unit 3	West Bengal	1998-09-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Budge Budge Thermal Power Station Unit 2	West Bengal	1999-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Bakreshwar Thermal Power Station Unit 1	West Bengal	1999-07-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bakreshwar Thermal Power Station Unit 2	West Bengal	2000-05-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bakreshwar Thermal Power Station Unit 3	West Bengal	2001-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4

CASE 2

Simhapuri Thermal Power Station Stage I Unit 1	Andhra Pradesh	2012-03-01	150	Subcritical	4030	2600	0.41	43.07	2.76	6.42	10.4	4.2	6.2
Simhapuri Thermal Power Station Stage I Unit 2	Andhra Pradesh	2012-07-01	150	Subcritical	4030	2600	0.41	43.07	2.76	6.42	10.4	4.2	6.2
Thamminapatnam Thermal Power Station Unit 1	Andhra Pradesh	2012-10-01	150	Subcritical	4030	2600	0.41	43.07	2.76	6.42	10.4	4.2	6.2
Thamminapatnam Thermal Power Station Unit 2	Andhra Pradesh	2013-04-01	150	Subcritical	4030	2600	0.41	43.07	2.76	6.42	10.4	4.2	6.2

Simhapuri Thermal Power Station Stage II Unit 3	Andhra Pradesh	2014-02-01	150	Subcritical	4030	2600	0.41	43.07	2.76	6.42	10.4	4.2	6.2
Simhapuri Thermal Power Station Stage II Unit 4	Andhra Pradesh	2015-03-07	150	Subcritical	4030	2600	0.41	43.07	2.76	6.42	10.4	4.2	6.2
Royalaseema Thermal Power Station Stage II Unit 3	Andhra Pradesh	2007-01-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Royalaseema Thermal Power Station Stage II Unit 4	Andhra Pradesh	2007-11-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Royalaseema Thermal Power Station Stage III Unit 5	Andhra Pradesh	2010-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bongaigaon TPP Stage I Unit 1	Assam	2015-06-02	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Muzaffarpur Thermal Power Station (KBUNL Stage II) Unit 3	Bihar	2015-03-31	195	Subcritical	4030	2600	0.41	50.91	3.39	7.71	13.5	5.4	8.1
Nabi Nagar TPP Unit 1	Bihar	2016-03-20	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Kasaipalli TPP Unit 1	Chhattisgarh	2011-12-01	135	Subcritical	4030	2600	0.41	40.31	2.55	5.97	9.4	3.7	5.6
Kasaipalli TPP Unit 2	Chhattisgarh	2012-06-01	135	Subcritical	4030	2600	0.41	40.31	2.55	5.97	9.4	3.7	5.6
Dr. Shyama Prasad Mukherjee Thermal Power Station (DSPM) Unit 1	Chhattisgarh	2007-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0

Dr. Shyama Prasad Mukherjee Thermal Power Station (DSPM) Unit 2	Chhattisgarh	2007-12-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
O.P. Jindal or Tamnar I Project Thermal Power Station/ Jindal Power Ltd. STPPS I Unit 1	Chhattisgarh	2007-12-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
O.P. Jindal or Tamnar I Project Thermal Power Station/ Jindal Power Ltd. STPPS I Unit 2	Chhattisgarh	2008-02-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
O.P. Jindal or Tamnar I Project Thermal Power Station/ Jindal Power Ltd. STPPS I Unit 3	Chhattisgarh	2008-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Bhilai Thermal Power Station Stage I Unit 1	Chhattisgarh	2008-04-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
O.P. Jindal or Tamnar I Project Thermal Power Station/ Jindal Power Ltd. STPPS I Unit 4	Chhattisgarh	2008-06-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Bhilai Thermal Power Station Stage I Unit 2	Chhattisgarh	2009-07-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Pathadi Thermal	Chhattisgarh	2009-06-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4

Power Plant Phase I Unit 1	h												
Pathadi Thermal Power Plant Phase I Unit 2	Chhattisgarh	2010-03-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Bandakhar TPP Unit 1	Chhattisgarh	2015-06-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Balco Korba TPP Unit 1	Chhattisgarh	2015-07-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Balco Korba TPP Unit 2	Chhattisgarh	2016-03-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Nawapara TPP Unit 1	Chhattisgarh	2016-08-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Uchpinda TPP Unit 1	Chhattisgarh	2015-11-01	360	Subcritical	4030	2375	0.41	73.29	6.09	12.31	33.6	13.4	20.1
Uchpinda TPP Unit 2	Chhattisgarh	2016-02-01	360	Subcritical	4030	2375	0.41	73.29	6.09	12.31	33.6	13.4	20.1
Akrimota Thermal Power Station Unit 1	Gujarat	2005-03-01	125	Subcritical	2500	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Akrimota Thermal Power Station Unit 2	Gujarat	2005-12-01	125	Subcritical	2500	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Surat (Lignite) Thermal Power Station/ Surat Lig. Power Plant (SLPP Station -II) Unit 3	Gujarat	2010-04-01	125	Subcritical	4030	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Surat (Lignite) Thermal Power Station/ Surat Lig. Power Plant (SLPP Station -II) Unit 4	Gujarat	2010-04-01	125	Subcritical	4030	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Sikka Thermal Power Station Stage	Gujarat	2015-03-29	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0

I Unit 3													
Sikka Thermal Power Station Stage I Unit 4	Gujarat	2015-09-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Bhavnagar TPP Unit 1	Gujarat	2016-05-01	250	Subcritical	2500	2375	0.82	63.73	7.71	13.12	41.8	27.1	14.8
Mundra Thermal Power Station Unit 1	Gujarat	2009-08-01	330	Subcritical	4030	2375	0.41	69.17	4.87	10.74	20.9	8.4	12.5
Mundra Thermal Power Station Unit 2	Gujarat	2010-03-01	330	Subcritical	4030	2375	0.41	69.17	4.87	10.74	20.9	8.4	12.5
Mundra Thermal Power Station Unit 3	Gujarat	2010-08-01	330	Subcritical	4030	2375	0.41	69.17	4.87	10.74	20.9	8.4	12.5
Mundra Thermal Power Station Unit 4	Gujarat	2010-12-01	330	Subcritical	4030	2375	0.41	69.17	4.87	10.74	20.9	8.4	12.5
Panipat Thermal Power Station Stage V Unit 7	Haryana	2004-09-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Panipat Thermal Power Station Stage VI Unit 8	Haryana	2005-01-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Yamuna Nagar Thermal Power Station or Deenbandhu Chotu Ram Thermal Power Plant Unit 1	Haryana	2007-04-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Yamuna Nagar Thermal Power Station or Deenbandhu Chotu Ram Thermal Power Plant Unit 2	Haryana	2008-06-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Chandrapura (DVC) Thermal Power	Jharkhand	2009-11-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0

Station Unit 7													
Chandrapura (DVC) Thermal Power Station Unit 8	Jharkhand	2010-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Mahadev Prasad Super Thermal Power Station or Jamshedpur Kandra power station/ AHUNIK Power & Nat. Res. Unit 1	Jharkhand	2012-11-01	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Mahadev Prasad Super Thermal Power Station or Jamshedpur Kandra power station/ AHUNIK Power & Nat. Res. Unit 2	Jharkhand	2013-03-29	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Raichur Thermal Power Station Unit 8	Karnataka	2010-04-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Torangallu Thermal Power Station Stage II Unit 3	Karnataka	2009-04-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Torangallu Thermal Power Station Stage II Unit 4	Karnataka	2009-08-09	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Amarkantak TPS Stage II Unit 3	Madhya Pradesh	2008-06-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bina Thermal Power Station/ JP Bina TPP Unit 1	Madhya Pradesh	2012-08-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Satpura Thermal Power Station Stage IV Unit 10	Madhya Pradesh	2013-03-22	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0

Bina Thermal Power Station/ JP Bina TPP Unit 2	Madhya Pradesh	2013-03-31	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Satpura Thermal Power Station Stage IV Unit 11	Madhya Pradesh	2013-12-25	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Wardha Warora TPP Phase I Unit 1	Maharashtra	2010-06-01	135	Subcritical	4030	2600	0.41	40.31	2.55	5.97	9.4	3.7	5.6
Wardha Warora TPP Phase I Unit 2	Maharashtra	2010-10-01	135	Subcritical	4030	2600	0.41	40.31	2.55	5.97	9.4	3.7	5.6
Wardha Warora TPP Phase II Unit 3	Maharashtra	2011-01-01	135	Subcritical	4030	2600	0.41	40.31	2.55	5.97	9.4	3.7	5.6
Wardha Warora TPP Phase II Unit 4	Maharashtra	2011-04-01	135	Subcritical	4030	2600	0.41	40.31	2.55	5.97	9.4	3.7	5.6
Parli Thermal Power Station Unit 6	Maharashtra	2007-02-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Paras Thermal Power Station Unit 3	Maharashtra	2007-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Trombay Thermal Power Station Unit 8	Maharashtra	2009-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Parli Thermal Power Station Unit 7	Maharashtra	2010-02-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Paras Thermal Power Station Unit 4	Maharashtra	2010-03-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Parli Thermal Power Station Unit 8	Maharashtra	2016-03-30	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Bela Thermal Power Station Unit 1	Maharashtra	2013-03-20	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Amaravati TPS Phase I Unit 1	Maharashtra	2013-03-25	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Amaravati TPS Phase I Unit 2	Maharashtra	2014-02-17	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Amaravati TPS Phase I Unit 3	Maharashtra	2015-01-29	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3

Amaravati TPS Phase I Unit 4	Maharashtra	2015-03-04	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Amaravati TPS Phase I Unit 5	Maharashtra	2015-03-12	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
JSW Ratnagiri Thermal Power Plant Unit 1	Maharashtra	2010-08-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Butibori Power Project Phase I Unit 1	Maharashtra	2012-08-17	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
EMCO Energy Warora Power Station / GMR Warora Power Station Unit 1	Maharashtra	2013-02-07	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
EMCO Energy Warora Power Station / GMR Warora Power Station Unit 2	Maharashtra	2013-09-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Dhariwal TPP Unit 1	Maharashtra	2013-11-03	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Butibori Power Project Phase I Unit 2	Maharashtra	2014-03-31	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Dhariwal TPP Unit 2	Maharashtra	2014-06-04	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Kamalanga TPS Unit 1	Odisha	2013-03-29	350	Subcritical	4030	2375	0.41	71.93	5.12	11.23	22.1	8.9	13.3
Kamalanga TPS Unit 2	Odisha	2013-11-01	350	Subcritical	4030	2375	0.41	71.93	5.12	11.23	22.1	8.9	13.3
Kamalanga TPS Unit 3	Odisha	2014-03-21	350	Subcritical	4030	2375	0.41	71.93	5.12	11.23	22.1	8.9	13.3
Ind Barath (Utkal)/JSW Energy	Odisha	2016-02-25	350	Subcritical	4030	2375	0.41	71.93	5.12	11.23	22.1	8.9	13.3

(Utkal) Ltd. Unit 1													
Guru Hargobind Thermal Power Station Stage II Unit 3	Punjab	2008-02-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Guru Hargobind Thermal Power Station Stage II Unit 4	Punjab	2008-10-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Goindwal Sahib TPP Unit 1	Punjab	2016-02-14	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Goindwal Sahib TPP Unit 2	Punjab	2016-03-15	270	Subcritical	4030	2375	0.41	60.60	4.12	9.27	17.1	6.8	10.3
Giral Lignite Power Station Unit 1	Rajasthan	2007-02-01	125	Subcritical	2500	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Giral Lignite Power Station Unit 2	Rajasthan	2009-11-01	125	Subcritical	2500	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Barsingar Lignite Power Plant Unit 1	Rajasthan	2010-06-01	125	Subcritical	2500	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Barsingar Lignite Power Plant Unit 2	Rajasthan	2011-01-01	125	Subcritical	2500	2600	0.82	41.44	4.33	7.85	21.8	14.1	7.7
Jalipa- Kapurdi TPP Unit 1	Rajasthan	2009-10-01	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0
Jalipa- Kapurdi TPP Unit 2	Rajasthan	2010-07-01	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0
Jalipa- Kapurdi TPP Unit 3	Rajasthan	2011-11-01	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0
Jalipa- Kapurdi TPP Unit 4	Rajasthan	2011-11-01	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0
Jalipa- Kapurdi TPP Unit 5	Rajasthan	2013-02-01	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0
Jalipa- Kapurdi TPP Unit 8	Rajasthan	2013-02-01	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0
Jalipa- Kapurdi TPP	Rajasthan	2013-03-03	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0

Unit 6													
Jalipa- Kapurdi TPP Unit 7	Rajasthan	2013-03-16	135	Subcritical	2500	2600	0.82	40.31	2.55	5.97	5.8	3.7	2.0
Kota Super Thermal Power Plant or KTPS Stage IV Unit 6	Rajasthan	2003-07-01	195	Subcritical	4030	2600	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Kota Super Thermal Power Plant or KTPS Stage V Unit 7	Rajasthan	2009-05-01	195	Subcritical	4030	2600	0.41	50.93	3.36	7.68	13.3	5.3	8.0
Suratgarh Super Thermal Power Station Stage III Unit 5	Rajasthan	2003-08-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Suratgarh Super Thermal Power Station Stage IV Unit 6	Rajasthan	2009-08-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Chhabra Thermal Power Plant Unit 1	Rajasthan	2009-10-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Chhabra Thermal Power Plant Unit 2	Rajasthan	2010-05-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Chhabra Thermal Power Plant Unit 3	Rajasthan	2013-09-14	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Chhabra Thermal Power Plant Unit 4	Rajasthan	2014-06-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Neyveli Lignite Thermal Power Station (Expansion) (NEYVELI (EXT)) Stage I Unit 2	Tamil Nadu	2003-07-01	210	Subcritical	2500	2500	0.82	56.86	6.59	11.42	35.1	22.7	12.4
Neyveli Lignite Thermal Power	Tamil Nadu	2012-02-04	250	Subcritical	2500	2375	0.82	63.73	7.71	13.12	41.8	27.1	14.8

Station (Expansion) Stage II (NEYVELI TPS II (EXT)) Unit 1													
Neyveli Lignite Thermal Power Station (Expansion) Stage II (NEYVELI TPS II (EXT)) Unit 2	Tamil Nadu	2015-01-24	250	Subcritical	2500	2375	0.82	63.73	7.71	13.12	41.8	27.1	14.8
Parichha Power station Stage II Unit 3	Uttar Pradesh	2006-03-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Unchahar or Feroz Gandhi Thermal Power Station Stage III Unit 5	Uttar Pradesh	2006-09-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Parichha Power station Stage II Unit 4	Uttar Pradesh	2006-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Harduaganj TPS Phase I Unit 8	Uttar Pradesh	2011-08-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Harduaganj TPS Phase I Unit 9	Uttar Pradesh	2012-05-25	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Parichha Power station Stage III Unit 5	Uttar Pradesh	2012-07-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Parichha Power station Stage III Unit 6	Uttar Pradesh	2013-03-11	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Rosa TPP Stage I Unit 1	Uttar Pradesh	2010-02-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Rosa TPP Stage I Unit 2	Uttar Pradesh	2010-06-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4

Rosa TPP Stage II Unit 3	Uttar Pradesh	2011-12-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Rosa TPP Stage II Unit 4	Uttar Pradesh	2012-03-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
	Uttarakhand	2016-03-15	225		4030	2500	0.41	54.96	3.69	8.36	15.0	6.0	9.0
	Uttarakhand	2016-03-16	225		4030	2500	0.41	54.96	3.69	8.36	15.0	6.0	9.0
Mejia TPS Unit 4	West Bengal	2004-02-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bakreshwar Thermal Power Station Unit 4	West Bengal	2007-12-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Bakreshwar Thermal Power Station Unit 5	West Bengal	2009-06-01	210	Subcritical	4030	2500	0.41	52.55	3.49	7.95	14.0	5.6	8.4
Mejia TPS Unit 5	West Bengal	2007-02-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Mejia TPS Unit 6	West Bengal	2007-09-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Santaldih Thermal Power Station Unit 5	West Bengal	2007-11-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Budge Budge Thermal Power Station Unit 3	West Bengal	2009-07-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Santaldih Thermal Power Station Unit 6	West Bengal	2011-06-01	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Durgapur Projects Ltd Thermal Power Plant (D.P.L. TPS) Unit 8	West Bengal	2014-03-31	250	Subcritical	4030	2375	0.41	58.86	4.02	9.02	16.7	6.7	10.0
Sagardighi Thermal Power Station Unit 1	West Bengal	2007-09-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Durgapur Projects Ltd Thermal Power Plant (D.P.L. TPS) Unit 7	West Bengal	2007-11-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4

Sagardighi Thermal Power Station Unit 2	West Bengal	2008-11-01	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Haldia TPP Unit 1	West Bengal	2014-01-14	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
Haldia TPP Unit 2	West Bengal	2015-02-16	300	Subcritical	4030	2375	0.41	64.95	4.50	10.01	19.0	7.6	11.4
CASE 3													
Vijayawada or Dr. Narla Tata Rao Thermal Power Station Satag IV Unit 7	Andhra Pradesh	2009-04-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Simhadri Thermal Power Plant Phase II Unit 3	Andhra Pradesh	2011-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Simhadri Thermal Power Plant Phase II Unit 4	Andhra Pradesh	2012-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Vizag Tpp or Hinduja Power Plant Unit 1	Andhra Pradesh	2015-12-01	520	Subcritical	4030	2375	0.41	94.42	8.22	16.24	22.9	18.3	4.6
Vizag Tpp or Hinduja Power Plant Unit 2	Andhra Pradesh	2016-03-31	520	Subcritical	4030	2375	0.41	94.42	8.22	16.24	22.9	18.3	4.6
Thermal Powertech Corporation Ltd/ Painampuram/Muthukur Mandal Stage I Unit 1	Andhra Pradesh	2015-02-07	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Thermal Powertech Corporation Ltd/ Painampuram/Muthukur Mandal Stage I	Andhra Pradesh	2015-09-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4

Unit 2													
SGPL Power Project Unit 1	Andhra Pradesh	2016-11-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Damodaram Sanjeevaiah Thermal Power Station or Krishnapatnam Supercritical TPP Stage I Unit 1	Andhra Pradesh	2014-08-28	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Damodaram Sanjeevaiah Thermal Power Station or Krishnapatnam Supercritical TPP Stage I Unit 2	Andhra Pradesh	2015-03-17	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Kahalgaon STPS Stage II Unit 5	Bihar	2007-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kahalgaon STPS Stage II Unit 6	Bihar	2008-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kahalgaon STPS Stage II Unit 7	Bihar	2009-06-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Barh STPP II Unit 4	Bihar	2013-11-30	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Barh STPP II Unit 5	Bihar	2015-03-04	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sipat Super Thermal Power Station (STPS) Stage II Unit 4	Chhattisgarh	2007-05-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Sipat Super Thermal Power Station (STPS) Stage II Unit 5	Chhattisgarh	2008-08-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Korba Super	Chhattisgarh	2010-12-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4

Thermal Power Plant Stage III Unit 7	h												
Korba West or Hasdeo TPS Unit 5	Chhattisgarh	2013-03-22	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Marwa Thermal Power Plant/ MTTPS Unit 1	Chhattisgarh	2014-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Marwa Thermal Power Plant/ MTTPS Unit 2	Chhattisgarh	2016-07-31	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Akaltara Thermal Power Station Unit 3	Chhattisgarh	2013-08-13	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Baradarha Thermal Power Station Unit 1	Chhattisgarh	2014-02-23	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Tamnar TPP/ Jindal Power Ltd. STPPS II Unit 1	Chhattisgarh	2014-03-10	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Tamnar TPP/ Jindal Power Ltd. STPPS II Unit 2	Chhattisgarh	2014-03-30	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Avantha Bhandar Thermal Power Station Unit 1	Chhattisgarh	2014-03-31	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Akaltara Thermal Power Station Unit 4	Chhattisgarh	2014-08-22	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Tamnar TPP/ Jindal Power Ltd. STPPS II Unit 3	Chhattisgarh	2015-01-07	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Baradarha Thermal Power Station Unit 2	Chhattisgarh	2015-03-24	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Tamnar TPP/ Jindal Power Ltd. STPPS II Unit 4	Chhattisgarh	2015-03-28	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2

Sipat Super Thermal Power Station (STPS) Stage I Unit 1	Chhattisgarh	2011-06-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sipat Super Thermal Power Station (STPS) Stage I Unit 2	Chhattisgarh	2011-12-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sipat Super Thermal Power Station (STPS) Stage I Unit 3	Chhattisgarh	2012-06-02	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Raikheda TPP Unit 1	Chhattisgarh	2015-03-02	685	Supercritical	4030	2250	0.41	110.56	9.97	19.36	28.3	22.6	5.7
Raikheda TPP Unit 2	Chhattisgarh	2016-03-28	685	Supercritical	4030	2250	0.41	110.56	9.97	19.36	28.3	22.6	5.7
Ukai Thermal Power Station/ UKAI Unit 6	Gujarat	2013-03-05	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Essar Power Salaya Ltd. or Salaya thermal power plant/ Essar Power Gujarat Ltd. Unit 1	Gujarat	2012-02-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Essar Power Salaya Ltd. or Salaya thermal power plant/ Essar Power Gujarat Ltd. Unit 2	Gujarat	2012-06-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Mundra Thermal Power Station Unit 5	Gujarat	2010-12-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Mundra Thermal Power Station Unit 6	Gujarat	2011-07-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Mundra Thermal Power Station Unit 7	Gujarat	2011-11-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4

Mundra Thermal Power Station Unit 8	Gujarat	2012-03-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Mundra Thermal Power Station Unit 9	Gujarat	2012-03-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Tata Mundra Ultra Major Power Project (Mundra UMTPP) Unit 1	Gujarat	2012-02-01	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Tata Mundra Ultra Major Power Project (Mundra UMTPP) Unit 2	Gujarat	2012-07-01	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Tata Mundra Ultra Major Power Project (Mundra UMTPP) Unit 3	Gujarat	2012-10-01	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Tata Mundra Ultra Major Power Project (Mundra UMTPP) Unit 4	Gujarat	2013-01-01	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Tata Mundra Ultra Major Power Project (Mundra UMTPP) Unit 5	Gujarat	2013-03-18	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Indira Gandhi Super Thermal Power Project Unit 1	Haryana	2010-10-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Indira Gandhi Super Thermal Power Project Unit 2	Haryana	2011-11-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Indira Gandhi Super Thermal Power Project Unit 3	Haryana	2012-11-07	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Rajiv Gandhi Thermal Power	Haryana	2010-03-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2

Station/ RGTPP Unit 1													
Rajiv Gandhi Thermal Power Station/ RGTPP Unit 2	Haryana	2010-10-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Mahatma Gandhi Thermal Power Station or Jhajjhar TPS Unit 1	Haryana	2012-01-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Mahatma Gandhi Thermal Power Station or Jhajjhar TPS Unit 2	Haryana	2012-07-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Kodarma TPP Unit 1	Jharkhand	2011-07-20	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kodarma TPP Unit 2	Jharkhand	2013-02-15	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Bokaro A Thermal Power Station Extension Unit 1	Jharkhand	2016-03-22	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Maithon Right Bank TPP Unit 1	Jharkhand	2011-09-01	525	Subcritical	4030	2375	0.41	94.42	8.22	16.24	22.9	18.3	4.6
Maithon Right Bank TPP Unit 2	Jharkhand	2012-03-01	525	Subcritical	4030	2375	0.41	94.42	8.22	16.24	22.9	18.3	4.6
Bellary TPS Unit 1	Karnataka	2007-12-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Bellary TPS Unit 2	Karnataka	2012-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Udupi TPP/Udupi Power Corporation Ltd. Phase I Unit 1	Karnataka	2010-07-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Udupi TPP/Udupi Power Corporation Ltd. Phase I Unit 2	Karnataka	2011-04-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Bellary TPS Unit 3	Karnataka	2016-03-01	700	Supercritical	4030	2250	0.41	112.21	10.17	19.70	28.9	23.1	5.8

Yermarus TPP Unit 1	Karnataka	2016-03-29	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Kudgi STPP Unit 1	Karnataka	2016-12-25	800	Supercritical	4030	2250	0.41	122.95	11.49	21.92	33.0	26.4	6.6
Vindhyachal STPS Stage III Unit 9	Madhya Pradesh	2006-07-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Vindhyachal STPS Stage III Unit 10	Madhya Pradesh	2007-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Sanjay Gandhi Thermal Power Station/ SGTPS Phase III Unit 5	Madhya Pradesh	2008-08-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Vindhyachal STPS Stage IV Unit 11	Madhya Pradesh	2012-04-30	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Vindhyachal STPS Stage IV Unit 12	Madhya Pradesh	2013-03-22	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Vindhyachal STPS Stage V Unit 13	Madhya Pradesh	2015-08-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Mahan TPP Phase I Unit 1	Madhya Pradesh	2013-02-24	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Shri Singhaji Thermal Power Project Stage I or Malwa TPP Unit 1	Madhya Pradesh	2013-10-18	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Shri Singhaji Thermal Power Project Stage I or Malwa TPP Unit 2	Madhya Pradesh	2014-10-15	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Seoni TPP Phase I or Jhabua Power Seoni Power Station Unit 1	Madhya Pradesh	2016-03-22	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Anuppur Thermal Power Project Phase I Unit 1	Madhya Pradesh	2015-04-01	625	Subcritical	4030	2375	0.41	106.30	9.62	18.64	27.2	21.8	5.4

Anuppur Thermal Power Project Phase I Unit 2	Madhya Pradesh	2016-03-30	625	Subcritical	4030	2375	0.41	106.30	9.62	18.64	27.2	21.8	5.4
Sasan Ultra Mega Thermal Power Project Unit 3	Madhya Pradesh	2013-05-30	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sasan Ultra Mega Thermal Power Project Unit 2	Madhya Pradesh	2013-12-18	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sasan Ultra Mega Thermal Power Project Unit 4	Madhya Pradesh	2014-03-25	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sasan Ultra Mega Thermal Power Project Unit 1	Madhya Pradesh	2014-05-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sasan Ultra Mega Thermal Power Project Unit 5	Madhya Pradesh	2014-08-24	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Jaypee Nigrie Super Thermal Power Project Unit 1	Madhya Pradesh	2014-08-29	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Jaypee Nigrie Super Thermal Power Project Unit 2	Madhya Pradesh	2015-02-17	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Sasan Ultra Mega Thermal Power Project Unit 6	Madhya Pradesh	2015-03-19	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Khaparkheda TPS Unit 5	Maharashtra	2011-08-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Bhusawal Coal based TPS Unit 4	Maharashtra	2012-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Bhusawal Coal based TPS Unit 5	Maharashtra	2012-03-30	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Mauda TPS Phase I Unit 1	Maharashtra	2012-04-19	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4

Mauda TPS Phase I Unit 2	Maharashtra	2013-03-29	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Chandrapur (Maharashtra) Super Thermal Power Station Unit 8	Maharashtra	2015-03-29	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Chandrapur (Maharashtra) Super Thermal Power Station Unit 9	Maharashtra	2016-03-21	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Tirora Thermal Power Station Unit 1	Maharashtra	2012-09-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Tirora Thermal Power Station Unit 2	Maharashtra	2013-03-25	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Tirora Thermal Power Station Unit 3	Maharashtra	2013-06-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Tirora Thermal Power Station Unit 4	Maharashtra	2014-03-23	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Tirora Thermal Power Station Unit 5	Maharashtra	2014-09-25	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Koradi Thermal Power Station Unit 8	Maharashtra	2015-03-30	660	Subcritical	4030	2375	0.41	110.32	10.11	19.47	28.7	23.0	5.7
Koradi Thermal Power Station Unit 9	Maharashtra	2016-03-15	660	Subcritical	4030	2375	0.41	110.32	10.11	19.47	28.7	23.0	5.7
Mauda TPS Phase II Unit 3	Maharashtra	2016-03-28	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Kaniha Talcher Super Thermal Power Plant (TALCHER STPS) Stage II Unit 3	Odisha	2003-01-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kaniha Talcher Super Thermal Power Plant (TALCHER STPS)	Odisha	2003-10-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4

Stage II Unit 4													
Kaniha Talcher Super Thermal Power Plant (TALCHER STPS) Stage II Unit 5	Odisha	2004-05-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kaniha Talcher Super Thermal Power Plant (TALCHER STPS) Stage II Unit 6	Odisha	2005-02-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Sterlite (Jharsuguda)/ Vedanta Thermal Power Plant Unit 2	Odisha	2010-10-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Derang Thermal Power Plant Unit 1	Odisha	2014-05-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Derang Thermal Power Plant Unit 2	Odisha	2015-01-24	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Talwandi Sabo Thermal Power Plant Unit 1	Punjab	2014-06-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Talwandi Sabo Thermal Power Plant Unit 2	Punjab	2015-11-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Talwandi Sabo Thermal Power Plant Unit 3	Punjab	2016-03-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Rajpura TPP Unit 1	Punjab	2014-02-01	700	Supercritical	4030	2250	0.41	112.21	10.17	19.70	28.9	23.1	5.8
Rajpura TPP Unit 2	Punjab	2014-07-06	700	Supercritical	4030	2250	0.41	112.21	10.17	19.70	28.9	23.1	5.8
Kalisindh Supercritical Thermal Power Station Stage I Unit	Rajasthan	2014-05-01	600	Supercritical	4030	2250	0.41	102.38	9.01	18.05	26.0	20.8	5.2

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Kalisindh Supercritical Thermal Power Station Stage I Unit 2	Rajasthan	2015-06-06	600	Supercritical	4030	2250	0.41	102.38	9.01	18.05	26.0	20.8	5.2
Kawai Thermal Power Station Phase I Unit 1	Rajasthan	2013-05-01	660	Supercritical	4030	2250	0.41	102.38	9.01	18.05	26.0	20.8	5.2
Kawai Thermal Power Station Phase I Unit 2	Rajasthan	2013-12-24	660	Supercritical	4030	2250	0.41	102.38	9.01	18.05	26.0	20.8	5.2
Vallur Thermal Power Plant Unit 1	Tamil Nadu	2012-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Vallur Thermal Power Plant Unit 2	Tamil Nadu	2013-02-28	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Vallur Thermal Power Plant Unit 3	Tamil Nadu	2014-02-28	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Tuticorin Joint Venture Unit 1	Tamil Nadu	2015-03-10	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Tuticorin Joint Venture Unit 2	Tamil Nadu	2015-07-09	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Mettur Thermal Power Station Unit 5	Tamil Nadu	2012-10-11	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
North Chennai Thermal Power Station Stage II Unit 5	Tamil Nadu	2013-03-09	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
North Chennai Thermal Power Station Stage II Unit 4	Tamil Nadu	2013-09-13	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Muthiara TPP Phase I Unit 1	Tamil Nadu	2014-12-02	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2

ITPCL or Cuddalore Thermal Power Project Unit 1	Tamil Nadu	2015-09-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Muthiara TPP Phase II Unit 2	Tamil Nadu	2016-01-02	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
ITPCL or Cuddalore Thermal Power Project Unit 2	Tamil Nadu	2016-04-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Ramagundam SuperThermal Power Station Stage III Unit 7	Telangana	2004-08-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kakatiya Thermal Power Station Stage I Unit 1	Telangana	2010-05-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kothagudem Thermal Power Station Stage VI Unit 11	Telangana	2011-06-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Kakatiya Thermal Power Station Stage II Unit 2	Telangana	2015-12-31	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Singareni TPP Stage I Unit 1	Telangana	2016-03-13	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Singareni TPP Stage I Unit 2	Telangana	2016-12-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Dadri TPP (NCTPP) Stage II Unit 5	Uttar Pradesh	2010-01-01	490	Subcritical	4030	2375	0.41	90.12	7.73	15.38	42.7	17.1	25.6
Dadri TPP (NCTPP) Stage II Unit 6	Uttar Pradesh	2010-07-01	490	Subcritical	4030	2375	0.41	90.12	7.73	15.38	42.7	17.1	25.6
Rihand Super Thermal Power Station Stage II Unit 3	Uttar Pradesh	2005-01-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4

Rihand Super Thermal Power Station Stage II Unit 4	Uttar Pradesh	2005-09-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Rihand Super Thermal Power Station Stage III Unit 5	Uttar Pradesh	2012-11-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Rihand Super Thermal Power Station Stage III Unit 6	Uttar Pradesh	2013-10-07	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Anpara Thermal Power Station-D Unit 6	Uttar Pradesh	2015-06-08	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Anpara Thermal Power Station-D Unit 7	Uttar Pradesh	2016-03-06	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Lanco Anpara Power Private Limited or Anapara C TPS Unit 1	Uttar Pradesh	2011-11-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Lanco Anpara Power Private Limited or Anapara C TPS Unit 2	Uttar Pradesh	2011-11-01	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Prayagraj (Bara) TPP Unit 1	Uttar Pradesh	2015-12-25	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Lalitpur TPP Unit 1	Uttar Pradesh	2016-01-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Lalitpur TPP Unit 2	Uttar Pradesh	2016-01-08	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Lalitpur TPP Unit 3	Uttar Pradesh	2016-04-01	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4

Prayagraj (Bara) TPP Unit 2	Uttar Pradesh	2016-09-06	660	Supercritical	4030	2250	0.41	107.79	9.64	18.79	27.2	21.8	5.4
Mejia TPS Unit 7	West Bengal	2010-08-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Mejia TPS Unit 8	West Bengal	2011-03-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Farakka STPS Stage III Unit 6	West Bengal	2011-04-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Durgapur Steel TPS Unit 1	West Bengal	2011-07-01	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Durgapur Steel TPS Unit 2	West Bengal	2012-03-23	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Sagardighi Thermal Power Station Unit 3	West Bengal	2015-12-14	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Sagardighi Thermal Power Station Unit 4	West Bengal	2016-12-15	500	Subcritical	4030	2375	0.41	91.36	7.87	15.63	21.8	17.4	4.4
Raghunathpur Thermal Power Station Unit 1	West Bengal	2014-08-24	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
Raghunathpur Thermal Power Station Unit 2	West Bengal	2016-01-18	600	Subcritical	4030	2375	0.41	103.38	9.27	18.05	26.1	20.9	5.2
CASE 4													
SGPL Power Project Unit 2	Andhra Pradesh	2017-02-21	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Rayalaseema Thermal Power Station Stage IV Unit 6	Andhra Pradesh	2018-03-01	600	Subcritical	4030	2375	0.41	103.38	9.59	18.37	24.9	22.4	2.5
Damodaram Sanjeevaiah Thermal Power Station or	Andhra Pradesh	2023-03-09	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1

Krishnapatnam Supercritical TPP Stage I Unit 3													
Vijayawada or Dr.Narla Tata Rao Thermal Power Station Stage V Unit 8	Andhra Pradesh	2023-12-01	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Thamminapatnam Thermal Power Station Unit 3	Andhra Pradesh	2025-05- 01T00:00:00.00 0Z	350	Subcritical	4030	2375	0.41	69.17	5.65	11.52	13.7	12.3	1.4
Thamminapatnam Thermal Power Station Unit 4	Andhra Pradesh	2025-06- 01T00:00:00.00 0Z	350	Subcritical	4030	2375	0.41	69.17	5.65	11.52	13.7	12.3	1.4
Bongaigaon TPP Stage I Unit 2	Assam	2017-03-22	250	Subcritical	4030	2375	0.41	58.86	4.64	9.64	10.9	9.8	1.1
Bongaigaon TPP Stage II Unit 3	Assam	2019-03-01	250	Subcritical	4030	2375	0.41	58.86	4.64	9.64	10.9	9.8	1.1
Muzaffarpur Thermal Power Station (KBUNL Stage II) Unit 4	Bihar	2017-03-24	195	Subcritical	4030	2600	0.41	50.91	3.89	8.21	8.8	8.0	0.9
Nabi Nagar TPP Unit 2	Bihar	2017-04-01	250	Subcritical	4030	2375	0.41	58.86	4.64	9.64	10.9	9.8	1.1
Barauni Thermal Power Station (BTPS) Unit 8	Bihar	2018-01-01	250	Subcritical	4030	2375	0.41	58.86	4.64	9.64	10.9	9.8	1.1
Barauni Thermal Power Station (BTPS) Unit 9	Bihar	2018-03-01	250	Subcritical	4030	2375	0.41	58.86	4.64	9.64	10.9	9.8	1.1
Nabi Nagar TPP Unit 3	Bihar	2019-03-01	250	Subcritical	4030	2375	0.41	58.86	4.64	9.64	10.9	9.8	1.1
New Nabi Nagar TPP (Majhiyan) Unit 1	Bihar	2019-07-01	660	Ultra- Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3

New Nabi Nagar TPP (Majhiyan) Unit 2	Bihar	2021-03-31	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Barh STPP- I Unit 1	Bihar	2021-10-30	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Nabi Nagar TPP Unit 4	Bihar	2021-11-01	250	Subcritical	4030	2375	0.41	58.86	4.64	9.64	10.9	9.8	1.1
New Nabi Nagar TPP (Majhiyan) Unit 3	Bihar	2022-03-06	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Barh STPP- I Unit 2	Bihar	2023-06-30	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Barh STPP- I Unit 3	Bihar	2025-04-01T00:00:00.000Z	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Super Critical Buxar Thermal Power Plant Unit 1	Bihar	2025-06-01T00:00:00.000Z	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Binjkote Thermal Power Plant Unit 1	Chhattisgarh	2017-04-01	300	Subcritical	4030	2375	0.41	64.95	5.20	10.72	12.4	11.2	1.2
Nawapara TPP Unit 2	Chhattisgarh	2017-04-01	300	Subcritical	4030	2375	0.41	64.95	5.20	10.72	12.4	11.2	1.2
Uchpinda TPP Unit 3	Chhattisgarh	2017-11-01	360	Subcritical	4030	2375	0.41	70.86	4.95	10.96	7.7	6.9	0.8
Akaltara Thermal Power Station Unit 2	Chhattisgarh	2018-01-01	600	Subcritical	4030	2375	0.41	103.38	9.59	18.37	24.9	22.4	2.5
Binjkote Thermal Power Plant Unit 2	Chhattisgarh	2018-03-01	300	Subcritical	4030	2375	0.41	64.95	5.20	10.72	12.4	11.2	1.2
Lara Super Thermal Power Plant Unit 1	Chhattisgarh	2018-03-01	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Uchpinda TPP Unit 4	Chhattisgarh	2019-03-01	360	Subcritical	4030	2375	0.41	70.86	4.95	10.96	7.7	6.9	0.8
Lara Super Thermal Power Plant Unit 2	Chhattisgarh	2020-07-12	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Bhavnagar TPP Unit 2	Gujarat	2017-03-01	250	Subcritical	2500	2375	0.82	63.73	8.41	13.82	32.1	30.2	1.9

Wanakbori Thermal Power Station Unit 8	Gujarat	2019-10-01	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
North Karanpura TPP Unit 1	Jharkhand	2023-01-18	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
North Karanpura TPP Unit 2	Jharkhand	2024-02-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
North Karanpura TPP Unit 3	Jharkhand	2025-04-01T00:00:00.000Z	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Patratu Thermal Power Station Unit 11	Jharkhand	2025-06-01T00:00:00.000Z	800	Ultra-Supercritical	4030	2000	0.41	116.87	10.73	20.65	27.9	25.1	2.8
Kudgi STPP Unit 2	Karnataka	2017-03-23	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Yermarus TPP Unit 2	Karnataka	2017-03-29	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Kudgi STPP Unit 3	Karnataka	2018-03-31	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Mahan TPP Phase I Unit 2	Madhya Pradesh	2018-10-01	600	Subcritical	4030	2375	0.41	103.38	9.59	18.37	24.9	22.4	2.5
Shri Singhaji Thermal Power Project Stage II or Malwa TPP Unit 3	Madhya Pradesh	2018-11-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Shri Singhaji Thermal Power Project Stage II or Malwa TPP Unit 4	Madhya Pradesh	2019-03-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Gadarwara Super Thermal Power Station Unit 1	Madhya Pradesh	2019-03-01	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Khargone Super Critical Power Plant Unit 1	Madhya Pradesh	2019-09-01	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Khargone Super Critical Power Plant	Madhya Pradesh	2020-03-01	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3

Unit 2													
Gadarwara Super Thermal Power Station Unit 2	Madhya Pradesh	2021-02-16	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Koradi Thermal Power Station Unit 10	Maharashtra	2017-01-17	660	Subcritical	4030	2375	0.41	110.32	10.46	19.82	27.3	24.6	2.7
Mauda TPS Phase II Unit 4	Maharashtra	2017-03-18	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Solapur Supercritical Thermal Power Plant Unit 1	Maharashtra	2017-04-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Shirpur Thermal Power Plant Unit 1	Maharashtra	2018-09-01	150	Subcritical	4030	2600	0.41	43.07	3.15	6.80	6.8	6.1	0.7
Solapur Supercritical Thermal Power Plant Unit 2	Maharashtra	2019-03-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Shirpur Thermal Power Plant Unit 2	Maharashtra	2023-12-01	150	Subcritical	4030	2600	0.41	43.07	3.15	6.80	6.8	6.1	0.7
Bhusawal Coal based TPS Unit 6	Maharashtra	2025-02-21	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
IB Valley Thermal Power Station / Banharpali TPS Unit 3	Odisha	2019-07-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
IB Valley Thermal Power Station / Banharpali TPS Unit 4	Odisha	2019-08-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Darlipali Supercritical Thermal Power Plant Unit 1	Odisha	2019-12-01	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Darlipali	Odisha	2021-07-21	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1

Supercritical Thermal Power Plant Unit 2													
Ind Barath (Utkal)/JSW Energy (Utkal) Ltd. Unit 2	Odisha	2025-04-01	350	Subcritical	4030	2375	0.41	69.17	5.65	11.52	13.7	12.3	1.4
Ind Barath (Utkal)/JSW Energy (Utkal) Ltd. Unit 2	Odisha	2025-04-01T00:00:00.000Z	350	Subcritical	4030	2375	0.41	69.17	5.65	11.52	13.7	12.3	1.4
Chhabra Thermal Power Plant Unit 5	Rajasthan	2017-04-01	660	Supercritical	4030	2250	0.41	104.12	8.01	16.84	13.3	12.0	1.3
Chhabra Thermal Power Plant Unit 6	Rajasthan	2019-03-01	660	Supercritical	4030	2250	0.41	104.12	8.01	16.84	13.3	12.0	1.3
Suratgarh Super Thermal Power Station Stage IV Unit 7	Rajasthan	2020-03-01	660	Supercritical	4030	2250	0.41	110.32	10.46	19.82	27.3	24.6	2.7
Suratgarh Super Thermal Power Station Stage V Unit 8	Rajasthan	2021-10-06	660	Supercritical	4030	2250	0.41	110.32	10.46	19.82	27.3	24.6	2.7
Shree Cement Ltd. TPS Unit 1	Rajasthan	2023-08-31	150	Subcritical	4030	2600	0.41	43.07	3.15	6.80	6.8	6.1	0.7
Shree Cement Ltd. TPS Unit 2	Rajasthan	2023-08-31	150	Subcritical	4030	2600	0.41	43.07	3.15	6.80	6.8	6.1	0.7
Neyveli (New) TPP Unit 1	Tamil Nadu	2019-12-01	500	Subcritical	2500	2375	0.82	88.28	6.56	14.05	10.2	9.6	0.6
Neyveli (New) TPP Unit 2	Tamil Nadu	2021-02-01	500	Supercritical	2500	2250	0.82	96.96	14.55	22.78	57.8	54.4	3.4
Tuticorin Thermal Power Plant Unit 1	Tamil Nadu	2021-12-01	525	Subcritical	4030	2375	0.41	94.42	8.51	16.52	21.8	19.6	2.2
North Chennai Thermal Power Station Stage III Unit 6	Tamil Nadu	2025-06-01T00:00:00.000Z	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1

Kothagudem Thermal Power Station Stage VII Unit 12	Telangana	2018-12-01	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Bhadradri Thermal Power Plant Unit 1	Telangana	2020-03-01	270	Supercritical	4030	2250	0.41	59.21	4.55	9.57	10.6	9.5	1.1
Bhadradri Thermal Power Plant Unit 2	Telangana	2020-12-01	270	Supercritical	4030	2250	0.41	59.21	4.55	9.57	10.6	9.5	1.1
Bhadradri Thermal Power Plant Unit 3	Telangana	2021-03-01	270	Supercritical	4030	2250	0.41	59.21	4.55	9.57	10.6	9.5	1.1
Bhadradri Thermal Power Plant Unit 4	Telangana	2022-01-22	270	Supercritical	4030	2250	0.41	59.21	4.55	9.57	10.6	9.5	1.1
Ramagundam STPP/Telangana STPP Phase I Unit 1	Telangana	2023-09-09	800	Ultra-Supercritical	4030	2000	0.41	116.87	10.73	20.65	27.9	25.1	2.8
Ramagundam STPP/Telangana STPP Phase I Unit 2	Telangana	2024-02-01	800	Ultra-Supercritical	4030	2000	0.41	116.87	10.73	20.65	27.9	25.1	2.8
Yadadri Thermal Power Station Stage I Unit 2	Telangana	2025-01-25	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Yadadri Thermal Power Station Stage I Unit 1	Telangana	2025-04-01T00:00:00.000Z	800	Supercritical	4030	2250	0.41	122.95	11.89	22.33	31.4	28.3	3.1
Unchahar or Feroz Gandhi Thermal Power Station Stage IV Unit 6	Uttar Pradesh	2017-03-31	500	Subcritical	4030	2375	0.41	91.36	8.14	15.90	20.7	18.6	2.1
Prayagraj (Bara) TPP Unit 3	Uttar Pradesh	2017-05-22	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Meja STPP Unit 1	Uttar Pradesh	2018-03-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Tanda Thermal Power Station Stage II Unit 5	Uttar Pradesh	2019-09-01	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6

Meja STPP Unit 2	Uttar Pradesh	2021-01-12	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Tanda Thermal Power Station Stage II Unit 6	Uttar Pradesh	2021-03-31	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Harduaganj TPS Phase II Unit 10	Uttar Pradesh	2022-01-29	660	Supercritical	4030	2250	0.41	104.12	8.01	16.84	13.3	12.0	1.3
Jawaharpur STPP Unit 1	Uttar Pradesh	2024-02-01	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Obra Thermal Power Station C Unit 14	Uttar Pradesh	2024-02-01	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Ghatampur TPP Unit 1	Uttar Pradesh	2024-12-03	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Jawaharpur STPP Unit 2	Uttar Pradesh	2024-12-23	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Khurja Power Project Unit 1	Uttar Pradesh	2025-01-23	660	Ultra-Supercritical	4030	2000	0.41	76.22	6.92	13.39	11.8	10.7	1.2
Panki Thermal Power Station Stage II Unit 5	Uttar Pradesh	2025-02-25	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Obra Thermal Power Station C Unit 15	Uttar Pradesh	2025-03-01T00:00:00.000Z	660	Ultra-Supercritical	4030	2000	0.41	102.50	9.02	17.72	23.0	20.7	2.3
Ghatampur TPP Unit 2	Uttar Pradesh	2025-05-01T00:00:00.000Z	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6
Hiranmaye Thermal Power Plant Unit 1	West Bengal	2017-08-01	150	Subcritical	4030	2600	0.41	43.07	3.15	6.80	6.8	6.1	0.7
Hiranmaye Thermal Power Plant Unit 2	West Bengal	2018-03-01	150	Subcritical	4030	2600	0.41	43.07	3.15	6.80	6.8	6.1	0.7
Sagardighi Thermal Power Station Unit 5	West Bengal	2025-06-01T00:00:00.000Z	660	Supercritical	4030	2250	0.41	107.79	9.98	19.13	25.9	23.3	2.6

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