

Annex I

Brief note on Perspective transmission Plan for 20 Year (2014-2034)

Overview : The perspective transmission plan is basically indicative in nature and covers the transmission systems at 400kV and above voltage levels. The 'Perspective transmission Plan for 20 Year (2014-2034)' has been formulated in two parts, Part- I : Evolving Transmission System Additions for 13th Plan i.e. up to 2021-22 and Part- II: Evolving Transmission Corridors for period 2022-34 i.e. 14th, 15th Plans and beyond up to 2034.

In respect of part one, i.e. up to 13th Plan end, transmission system has been evolved based on State-wise demand projections and generation plants under various stages of implementation. In regard to part two, as the generation has been de-licensed and generation plants in this timeframe are yet to take off, it is not possible to identify the optimum generation plan for the period 2022-34. In such a scenario, broad transmission corridors have been identified.

Load Growth : The electricity demand projections of each state/region has been considered as per 18th EPS (Electric Power Survey) of the country upto 15th Plan i.e. up to 2031-32. A forecast for 2034, by extrapolating the EPS figures has been made as the 18th EPS does not provide forecast for the year 2033-34. The total demand of the country including export to SAARC countries is expected to grow from 148 GW at present to 615 GW by 2033-34 as shown below. State-wise details is enclosed at **Annexure-1**.

Region-wise Demand Forecast (in MW)

State/UTs	11 th Plan End (2011-12)	Existing as on 31-07-14	12 th Plan End (2016-17)	13 th Plan End (2021-22)	14 th Plan End (2026-27)	15 th Plan End (2031-32)	Estimates for 2033-34
Northern Region	40248	51112	60934	86461	121979	164236	184987
Western Region	42352	43170	62015	86054	120620	163222	184214
Southern Region	37599	39094	57221	82199	118764	165336	188730
Eastern Region	14707	15888	24303	35928	53053	72874	82740
North Eastern Region	1920	2263	2966	4056	6169	8450	9583
Andaman & Nicobar	48	40	67	89	125	172	195
Lakshadweep	8	8	11	18	23	30	33
All India	130006	148166	199540	283470	400705	541823	611323
Bangladesh		500	500	1000	1500	2000	2000
Nepal					400	500	500
SriLanka					500	800	1000
Pakistan				200	800	1000	1000
SAARC Exports	-	500	500	1200	3200	4300	4500
Total All India + SAARC	130006	148666	200040	284670	403800	546000	615700

Generation Growth : The present generation installed capacity in the country by end of July 2014 was about 250 GW including renewable generating resources of about 32 GW. For the purpose of this report, an assessment has been carried out to identify generation capacity

state-wise and type-wise that is likely to be commissioned up to end of 13th Plan i.e. 2021-22. Accordingly, the total Installed Capacity by the end of 13th Plan is expected to be of the order of 469 GW which also includes 65 GW of renewable capacity.

The projection of generation beyond 2021-22 has been made utilising the result of the Report of the “Working Group on Integrated Strategy for Bulk Transport of Energy”, [part of the Report of National Transport Development Policy Committee (NTDPC) setup by Cabinet Secretariat] supplemented with additional information as available with regard to nuclear, hydro projects in SAARC, gas resources. Two generation addition scenarios have been identified for 14th and 15th Plan Periods, Scenario-I as per NTDPC report and Scenario-II considering low availability of Gas and additional imported coal. A generation capacity scenario for 2033-34 has been considered by scaling up the coal based and gas based capacities of scenario-I. The installed capacity including SAARC import grows from 250 GW at present upto 1029 GW by 2033-34 as shown below. The state-wise details is given at **Annexure-2**.

Region-wise Installed Capacity (in MW)

State/UTs	11 th Plan End (2011-12)	Existing as on 31-07-14	12 th Plan End (2016-17)	13 th Plan End (2021-22)	14 th Plan End (2026-27)		15 th Plan End (2031-32)		Estimates for 2033-34
					Scenario-I	Scenario-II	Scenario-I	Scenario-II	
NR	54467	62460	85316	102206	164789	164789	231173	230897	246056
WR	66064	92583	128556	148818	207585	207585	282896	282896	309491
SR	55821	58609	95882	118958	169440	169441	217557	217558	234661
ER	29761	32571	46619	77813	101623	101623	128816	128816	145767
NER	2884	3548	6421	14623	23699	23699	41533	41576	41901
All India	208997	249770	362794	462418	667136	667137	901975	901742	977876
Bhutan	1416	1416	4482	6602	13986	13986	26534	26534	26534
Nepal	0	0	0	0	10000	10000	20000	20000	25000
Total	210413	251187	367276	469020	691122	691123	948509	948276	1029410

Import/Export Requirement : The transmission system is evolved to cater to the inter-state and inter-regional power transfer requirements. In order to find out the requirement of transmission system, the import / export requirement has been worked out on the basis of total power available within a Region/State considering the generation projects physically located in the Region/State irrespective of its classification as well as the projected demand. The base Load Generation scenario has been evolved for 3 seasons viz. winter, summer and monsoon and peak and off-peak conditions for each of the seasons. The import/export of different regions as well as the SAARC countries is shown below :

Maximum Import/ Export of different Regions / SAARC Countries

Region	13 th Plan (2021-22)	14 th Plan (Scenario-I / Scenario-II)	15 th Plan (Scenario-I / Scenario-II)	2033-34
NR (Import)	22000	23000/22000	34000/31000	44000
WR (Export)	16000	28000/28000	30000/30000	33000
SR (Import)	19000	21000/21000	42000/42000	51000
ER (Export)	25000	30000/30000	31000/31000	35000
NER (Export)	6000	14000/14000	27000/27000	44000
Bhutan (Export)	6600	14000	26500	26500
Nepal (Export)	0	10000	20000	25000
Sri Lanka (Import)	0	500	800	1000
Bangladesh (Import)	1000	1500	2000	2000
Pakistan (Import)	0	500	800	1000

The total inter-regional capacity addition during 13th plan has been planned as 52,800 MW. The total inter-regional capacity would grow from 40GW at present to about 198 GW by the end of 2033-34 as shown below :

Interregional Installed Capacity (including SAARC)

Corridor	11th Plan End (2011-12)	Existing as on 31-07-14	12th Plan End (2016-17)	13th Plan End (2021-22)	14th Plan End (2026-27)	15th Plan End (2031-32)	Estimates for 2033-34
EAST/NER-NORTH	12130	14230	25530	35730	40000	45000	45000
EAST-WEST	4390	6490	12790	21190	25000	30000	35000
EAST-SOUTH	3630	3630	7830	12030	15000	30000	40000
WEST - NORTH	4220	8720	16920	32520	35000	35000	35000
WEST - SOUTH	1520	5720	7920	22320	25000	35000	40000
EAST - NER	1260	1260	2860	2860	2860	2860	2860
Total	27150	40050	73850	126650	142860	177860	197860
SAARC Interconnections transmission capacities							
Bhutan - ER/NER	2400	2400	2400	8000	20000	35000	35000
Nepal - ER	-	-	-	-	2000	5000	8000
Nepal - NR	-	-	-	-	10000	20000	26000
NR - Pakistan	-	-	-	250	500	1000	1000
ER/NER - Bangladesh	-	500	500	1000	1500	2000	2000
SR - Sri Lanka	-	-	-	-	500	1000	1000

Evolving Transmission System upto 13th plan : Transmission system upto 13th plan has been evolved based on requirement of power transfer emerged from the load flow studies. Beyond 13th plan, broad requirement of interregional transmission capacity has been estimated.

A summary of the growth of 400kV and above transmission system from 11th to 13th Plans period is indicated below:

Transmission Lines (400kV and above system) (values in ckm)				
	11th Plan End	Existing as on 31-07-14	12th Plan End	13th Plan End
HVDC Bipole lines	9432	9432	16872	27472
765 kV	5250	13357	32250	54450
400 kV	106819	129110	144819	174819
Total	121501	151899	193941	256741

Substations (AC & HVDC) (400kV and above) (values in MVA / MW)				
	11th Plan End	Existing as on 31-07-14	12th Plan End	13th Plan End
<u>HVDC Terminals:</u>				
HVDC back-to-back	3000	3000	3000	3000
HVDC Bipole terminals	6750	13500	19500	34500
Total- HVDC Terminal Capacity, MW	9750	16500	22500	37500
<u>AC Substations</u>				
765 kV	25000	96000	174000	253000
400 kV	151027	182632	196027	245027
Total- AC Substation capacity, MVA	176027	278632	370027	498027

Fund requirement : It is estimated that during 13th Plan Period, about 62800 circuit kilometers (ckm) of transmission lines, 15000 MW of HVDC terminal capacity and 128000 MVA of transformation capacity of the 400 kV and above voltage level transmission systems would be required. Accordingly, it is estimated that total fund requirement for 13th Plan would be of the order of Rs. 2,60,000 crore as against Rs. 2,34,000 crore required in 12th plan period. This would comprise of Rs. 1,60,000 crore for 400kV and above transmission system and about 1,00,000 crores for 220 kV and below systems most of which would be as state transmission systems.

Way Forward : The transmission system identified for the 13th Plan would be firmed up through further detailed studies like transient stability, low frequency oscillations, reactive power compensation, short circuit and measures to limit fault levels etc. While implementing the Transmission Plan important factors like Issues related to ROW and forest clearance; mechanisms for secured operation of large Indian grid; developing adequate balancing facilities and mechanisms for handling variable nature of renewable Energy sources of generation etc need to be addressed. The details of various corridors would be worked out depending on the status of various future generation, load growth as well as transmission projects. The **intra-state transmission system** is to be developed by the State Transmission Utilities. For a coordinated development process aiming at perspective optimization in meeting the growth targets, it would be appropriate that the State Transmission Utilities prepare their State Electricity Plans taking advantage of development plans for regional grid system and focusing on the specific requirements of the concerned State.

Annexure-1

**ALL INDIA & STATE WISE / UT WISE DEMAND FORECAST (Figures in MW)
Peak Electric Load at Power Station Bus Bars (Utilities Only)**

State/UTs	11th Plan End (2011-12)	Existing as on 31-07-14	12 th Plan End (2016-17)	13 th Plan End (2021-22)	14 th Plan End (2026-27)	15 th Plan End (2031-32)	Estimates for 2033-34
Delhi	5031	6006	6398	9024	12681	17246	19503
Haryana	6533	8752	10273	14244	20103	27202	30700
Himachal Pradesh	1397	1316	1900	2589	3424	4476	4982
Jammu & Kashmir	2385	2422	2687	4217	5996	8302	9456
Punjab	10471	12212	12342	14552	18352	23144	25395
Rajasthan	8188	9403	13886	19692	28828	40284	46053
Uttar Pradesh	12038	15670	23081	36061	53690	73708	83669
Uttarakhand	1612	1833	2189	2901	3911	5222	5862
Chandigarh	263	352	426	559	732	948	1051
Northern Region	40248	51112	60934	86461	121979	164236	184987
Goa	527	501	815	1192	1658	2216	2489
Gujarat	10951	13655	19091	26973	38691	53301	60588
Chhattisgarh	3239	3450	4687	6599	9090	12116	13592
Madhya Pradesh	9151	7388	13904	18802	27519	38088	43376
Maharashtra	21069	19749	28645	39622	54982	74528	84170
D. & N. Haveli	615	679	944	1297	1733	2294	2566
Daman & Diu	301	297	441	605	818	1082	1210
Western Region	42352	43170	62015	86054	120620	163222	184214
Andhra Pradesh	14054	14135	22445	33194	51601	74818	86805
Karnataka	10545	10001	13010	18403	25396	34720	39346
Kerala	3516	3760	4669	6093	8150	10903	12249
Tamil Nadu	12813	13663	20816	29975	43044	59827	68248
Puducherry	335	389	630	782	787	940	1009
Southern Region	37599	39094	57221	82199	118764	165336	188730
Bihar	2031	2620	5018	9306	16239	23411	27100
Jharkhand	1261	1321	4616	6341	8780	11930	13486
Odisha	3589	3814	5672	6749	8712	11280	12508
West Bengal	8679	9893	11793	17703	26027	36187	41286
Sikkim	100	80	144	176	245	341	389
Eastern Region	14707	15888	24303	35928	53053	72874	82740
Assam	1112	1343	1817	2534	3613	5033	5747
Manipur	116	131	346	497	869	1212	1385
Meghalaya	319	299	445	596	828	1112	1251
Nagaland	111	120	185	271	403	554	629
Tripura	215	246	340	472	674	913	1031
Arunachal Pr.	121	118	135	177	266	365	414
Mizoram	82	83	285	352	521	723	824
North Eastern	1920	2263	2966	4056	6169	8450	9583
Andaman & Nicobar	48	40	67	89	125	172	195
Lakshadweep	8	8	11	18	23	30	33
All India	130006	148166	199540	283470	400705	541823	611323

ALL INDIA & STATE WISE / UT WISE INSTALLED ENERATION CAPACITY (Figures in MW)

State/UTs	Existing as on 31-07-14	12 th Plan End (2016-17)	13 th Plan End (2021-22)	14 th Plan End (2026-27)		15 th Plan End (2031-32)		Estimates for 2033-34
				Scenario-I	Scenario-II	Scenario-I	Scenario-II	
Delhi	3116	3401	3116	7692	7692	12467	12182	13606
Haryana	6601	6421	8981	14692	14692	22693	22693	25017
Himachal	9015	12783	13989	24215	24215	24627	24627	24627
J&K	3000	4254	6197	10359	10359	11356	11356	11374
Punjab	5272	8052	9358	15403	15403	22618	22618	24330
Rajasthan	13084	21279	25938	38469	38469	62342	62342	65405
U.P	18754	24484	26854	38800	38800	55232	55232	61770
Uttarkhand	3616	4641	7771	15159	15159	19838	19847	19926
Northern Region	62460	85316	102206	164789	164789	231173	230897	246056
Goa	48	48	48	1189	1189	2257	2257	2383
Gujarat	29000	37336	39079	70887	70887	105166	105166	111477
Chhatisgarh	14774	25404	31744	32401	32401	38319	38319	43941
M.P	16434.88	21860	28620	37570	37570	50434	50434	56366
Maharashtra	32326	43909	49327	65538	65538	86720	86720	95323
Western Region	92583	128556	148818	207585	207585	282896	282896	309491
Andhra Pradesh	12315	24495	31881	43747	42797	54157	52447	59290
Karnataka	14679	22869	24469	38360	38360	53223	53223	56135
Kerala	2853	2953	2953	6660	6660	9539	9539	9935
Tamilnadu	21773	36266	47456	59520	59520	75179	75179	81168
Telangana	6989	9300	12199	21153	22104	25459	27170	28133
Southern Region	58609	95882	118958	169440	169441	217557	217558	234661
Bihar	3697	8227	12847	17235	17235	18328	18328	20988
Jharkhand	4469	5619	14509	16995	16995	18911	18911	21612
Odisha	9817	13002	26007	36117	36117	47699	47699	54306
West Bengal	13862	17077	20582	26920	26920	38688	38688	43670
Sikkim	726	2693	3868	4357	4357	5191	5191	5192
Eastern Region	32571	46619	77813	101623	101623	128816	128816	145767
Assam	1275	2185	2125	3169	3169	2818	2818	3058
Manipur	156	156	222	1362	1362	1641	1649	1641
Nagaland	128	128	314	498	498	588	588	590
Tripura	980	1132	1133	1254	1254	1363	1382	1471
Arunachal	509	2219	9769	15524	15524	32692	32692	32692
Mizoram	110	170	630	856	856	883	899	883
Meghalaya	390	430	430	1036	1036	1548	1548	1565
North Eastern Region	3548	6421	14623	23699	23699	41533	41576	41901
Bhutan	1416	4482	6602	13986	13986	26534	26534	26534
Nepal	0	0	0	10000	10000	20000	20000	25000
Total (MW)	251187	367276	469020	691122	691123	948509	948276	1029410

Detailed list is given below

Sl. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	INSTALLED CAPACITY	PLAN
NORTHERN REGION (STATE-WISE GENERATION LIST)							
12th Plan							
NR-141	BAWANA MODULE 4	GAS	DELHI	EXISTING	STATE	343	12
NR-142	IP GAS	GAS	DELHI	EXISTING	STATE	-150	12
NR-143	PRAGATHI GAS	GAS	DELHI	EXISTING	STATE	750	12
NR-144	RAJGHAT	THERMAL	DELHI	EXISTING	STATE	-135	12
NR-145	CLP JHAJJAR	THERMAL	HARYANA	EXISTING	STATE	660	12
NR-146	FARIDABAD EXTN	THERMAL	HARYANA	UNDER CONST	STATE	-180	12
NR-147	JHAJJHAR	THERMAL	HARYANA	EXISTING	CENTRAL	500	12
NR-148	WY CANAL-I&II	HYDRO	HARYANA	EXISTING	STATE	62	12
NR-149	BUDHIL HEP	HYDRO	HIMACHAL PRADESH	EXISTING	IPP	70	12
NR-150	CHAMERA-III	HYDRO	HIMACHAL PRADESH	EXISTING	CENTRAL	231	12
NR-151	H.P SMALL HYDRO	RENEWABLE	HIMACHAL PRADESH	UNDER CONST	STATE	1281	12
NR-152	KASHANG	HYDRO	HIMACHAL PRADESH	UNDER CONST	STATE	195	12
NR-153	KOLDAM	HYDRO	HIMACHAL PRADESH	UNDER CONST	CENTRAL	800	12
NR-154	PARBATI-II	HYDRO	HIMACHAL PRADESH	UNDER CONST	CENTRAL	800	12
NR-155	PARBATI-III	HYDRO	HIMACHAL PRADESH	EXISTING	CENTRAL	520	12
NR-156	RAMPUR	HYDRO	HIMACHAL PRADESH	EXISTING	CENTRAL	274.68	12
NR-157	RAMPUR	HYDRO	HIMACHAL PRADESH	UNDER CONST	CENTRAL	137.34	12
NR-158	SAINJ	HYDRO	HIMACHAL PRADESH	UNDER CONST	STATE	100	12
NR-159	SAWRA KUDDU	HYDRO	HIMACHAL PRADESH	UNDER CONST	STATE	111	12
NR-160	SORANG	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	100	12
NR-161	TANGU ROMAI-I	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	44	12
NR-162	TIDONG	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	100	12
NR-163	UHL-III	HYDRO	PRADESH	CONST	STATE	99.9	12
NR-164	BAGLIHAR	HYDRO	JK	UNDER CONST	STATE	450	12
NR-165	CHUTAK	HYDRO	JK	EXISTING	CENTRAL	44	12
NR-166	J&K SMALL HYDRO	RENEWABLE	JK	UNDER CONST	STATE	360	12
NR-167	J&K SOLAR	RENEWABLE	JK	UNDER CONST	STATE	102	12
NR-168	J&K WIND	RENEWABLE	JK	UNDER CONST	STATE	12	12
NR-169	KISHENGANGA	HYDRO	JK	UNDER CONST	CENTRAL	330	12

Sl. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	INSTALLED CAPACITY	PLAN
NR-170	NIMBOO BAZGO	HYDRO	JK	EXISTING	CENTRAL	45	12
NR-171	URI-II	HYDRO	JK	EXISTING	CENTRAL	240	12
NR-172	GOINDWAL	THERMAL	PUNJAB	UNDER CONST	STATE	540	12
NR-173	RAJPURA	THERMAL	PUNJAB	EXISTING	STATE	700	12
NR-174	RAJPURA	THERMAL	PUNJAB	UNDER CONST	STATE	700	12
NR-175	TALWANDI SABO	THERMAL	PUNJAB	EXISTING	STATE	660	12
NR-176	TALWANDI SABO	THERMAL	PUNJAB	UNDER CONST	STATE	1320	12
NR-177	CHABRA-U 3 & 4 JALIPA(RAJ-WEST)	THERMAL	RAJASTHAN	UNDER CONST	STATE	500	12
NR-178	U 5 &6 JALIPA(RAJ-WEST)	THERMAL	RAJASTHAN	EXISTING	IPP	270	12
NR-179	U 7 &8	THERMAL	RAJASTHAN	EXISTING	IPP	270	12
NR-180	KALSINDH**	THERMAL	RAJASTHAN	EXISTING	STATE	600	12
NR-181	KALSINDH**	THERMAL	RAJASTHAN	UNDER CONST	STATE	600	12
NR-182	KAWAI TPS RAJASTHAN	THERMAL	RAJASTHAN	EXISTING	IPP	1320	12
NR-183	SOLAR	RENEWABLE	RAJASTHAN	UNDER CONST	STATE	3513	12
NR-184	RAJASTHAN WIND	RENEWABLE	RAJASTHAN	CONST	STATE	2181	12
NR-185	RAMGARH	GAS	RAJASTHAN	EXISTING	STATE	110.5	12
NR-186	RAMGARH	GAS	RAJASTHAN	EXISTING	STATE	50	12
NR-187	RAPP-D	NUCLEAR	RAJASTHAN	UNDER CONST	CENTRAL	1400	12
NR-188	VSLP	THERMAL	RAJASTHAN	EXISTING	IPP	135	12
NR-189	ANPARA-D	THERMAL	UTTAR PRADESH	UNDER CONST	STATE	1000	12
NR-190	BARA	THERMAL	UTTAR PRADESH	CONST	STATE	1980	12
NR-191	HARDWAGANJ	THERMAL	UTTAR PRADESH	EXISTING	STATE	250	12
NR-192	HARDWAGANJ	THERMAL	UTTAR PRADESH	EXISTING	STATE	-60	12
NR-193	HARDWAGANJ	THERMAL	UTTAR PRADESH	EXISTING	STATE	-100	12
NR-194	HARDWAGANJ	THERMAL	UTTAR PRADESH	EXISTING	STATE	-120	12
NR-195	LALITPUR	THERMAL	UTTAR PRADESH	UNDER CONST	STATE	1980	12
NR-196	MEJA	THERMAL	UTTAR PRADESH	UNDER CONST	CENTRAL	660	12
NR-197	OBRA	THERMAL	UTTAR PRADESH	EXISTING	STATE	-100	12
NR-198	OBRA	THERMAL	UTTAR PRADESH	EXISTING	STATE	-300	12
NR-199	PANKI	THERMAL	UTTAR PRADESH	EXISTING	STATE	-32	12
NR-200	PARICHA	THERMAL	UTTAR PRADESH	EXISTING	STATE	500	12
NR-201	RIHAND III	THERMAL	UP	EXISTING	CENTRAL	1000	12

Sl. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	INSTALLED CAPACITY	PLAN
NR-202	PHATABYUNG SINGOLI	HYDRO	UTTARAKHAND	UNDER CONST	IPP	76	12
NR-203	BHATWARI	HYDRO	UTTARAKHAND	UNDER CONST	IPP	99	12
NR-204	SRINAGAR TAPOVAN	HYDRO	UTTARAKHAND	UNDER CONST	IPP	330	12
NR-205	VISHNUGAD	HYDRO	UTTARAKHAND	UNDER CONST	CENTRAL	520	12
13th Plan							
NR-206	BADARPUR GORAKHPUR	THERMAL	DELHI	EXISTING	CENTRAL	-285	13
NR-207	HARYANA	NUCLEAR	HARYANA	UNDER CONST	CENTRAL	700	13
NR-208	PTPS EXP U-9, 10	THERMAL	HARYANA	UNDER CONST	STATE	1200	13
NR-209	YAMUNA NAGAR U-6	THERMAL	HARYANA	UNDER CONST	STATE	660	13
NR-210	BAJOLI HOLI CHANGO	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	180	13
NR-211	YANGTANG	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	180	13
NR-212	CHANJU-I	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	36	13
NR-213	KUTEHR	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	240	13
NR-214	MIYAR	HYDRO	HIMACHAL PRADESH	UNDER CONST	IPP	120	13
NR-215	SHANGTONG	HYDRO	HIMACHAL PRADESH	UNDER CONST	STATE	450	13
NR-216	NEW GANDELWAL	HYDRO	JK	UNDER CONST	STATE	93	13
NR-217	PAKAL DUL	HYDRO	JK	UNDER CONST	CENTRAL	1000	13
NR-218	RATLE	HYDRO	JK	UNDER CONST	IPP	850	13
NR-219	BHATINDA	THERMAL	PUNJAB	EXISTING	STATE	-220	13
NR-220	MANSA	THERMAL	PUNJAB	UNDER CONST	STATE	1320	13
NR-221	SHAPUR KHANDI	HYDRO	PUNJAB	UNDER CONST	STATE	206	13
NR-222	CHABRA U 5 & 6	THERMAL	RAJASTHAN	UNDER CONST	STATE	1320	13
NR-223	KALISINDH U 3 & 4	THERMAL	RAJASTHAN	UNDER CONST	STATE	1320	13
NR-224	MAHI BANSWARA	NUCLEAR	RAJASTHAN	UNDER CONST	CENTRAL	700	13
NR-225	SURATGARH U-7&8	THERMAL	RAJASTHAN	UNDER CONST	STATE	1320	13
NR-226	BIRHAULI	THERMAL	UTTAR PRADESH	UNDER CONST	CENTRAL	1320	13
NR-227	MEJA	THERMAL	UTTAR PRADESH	UNDER CONST	CENTRAL	660	13
NR-228	PANKI	THERMAL	UTTAR PRADESH	EXISTING	STATE	-110	13
NR-229	UNCHAHAHAR-IV	THERMAL	UTTAR PRADESH	UNDER CONST	CENTRAL	500	13

Sl. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	INSTALLED CAPACITY	PLAN
NR-230	ALAKNANDA	HYDRO	UTTARAKHAND	UNDER CONST	IPP	300	13
NR-231	KASHIPUR BETA	GAS	UTTARAKHAND	UNDER CONST	IPP	225	13
NR-232	KASHIPUR GAMMA	GAS	UTTARAKHAND	UNDER CONST	IPP	225	13
NR-233	KASHIPUR SRAVANTI	GAS	UTTARAKHAND	UNDER CONST	IPP	450	13
NR-234	KOTLIBEHAL	HYDRO	UTTARAKHAND	UNDER CONST	CENTRAL	195	13
NR-235	LATA TAPOVAN	HYDRO	UTTARAKHAND	UNDER CONST	CENTRAL	171	13
NR-236	TEHRI PSP	HYDRO	UTTARAKHAND	UNDER CONST	CENTRAL	1000	13
NR-237	VISHNUGARH (PIPALKOTI)	HYDRO	UTTARAKHAND	UNDER CONST	CENTRAL	444	13
NR-238	VYASI	HYDRO	UTTARAKHAND	UNDER CONST	STATE	120	13

Sl. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	IC	PL AN
EASTERN REGION (STATE-WISE GENERATION LIST)							
12th Plan							
ER-57	BARH-2 UNIT#4	THERMAL	BIHAR	EXISTING	CENTRAL	660	12
ER-58	BARH-1	THERMAL	BIHAR	UNDER CONST	CENTRAL	1980	12
ER-59	BARH-2 UNIT#5	THERMAL	BIHAR	UNDER CONST	CENTRAL	660	12
ER-60	MUZAFFARPUR TPP EXTN	THERMAL	BIHAR	UNDER CONST	CENTRAL	390	12
ER-61	NABINAGAR-1	THERMAL	BIHAR	UNDER CONST	CENTRAL	1000	12
ER-62	BARAUNI TPS EXTN	THERMAL	BIHAR	UNDER CONST	STATE	500	12
ER-63	ADHUNIK POWER & NATURAL RESOURCES LIMITED	THERMAL	JHARKHAND	EXISTING	IPP	540	12
ER-64	BOKARO TPS-A EXP	THERMAL	JHARKHAND	UNDER CONST	STATE	500	12
ER-65	CORPORATE POWER LIMITED PH-I	THERMAL	JHARKHAND	UNDER CONST	IPP	540	12
ER-66	KODERMA-2	THERMAL	JHARKHAND	EXISTING	STATE	500	12
ER-67	BOKORA-A	THERMAL	JHARKHAND	EXISTING	STATE	-175	12
ER-68	JOJOBERA	THERMAL	JHARKHAND	EXISTING	IPP	-60	12
ER-69	PATRATU	THERMAL	JHARKHAND	EXISTING	STATE	-200	12
ER-70	GMR KAMALANGA ENERGY LTD UNIT#1&2	THERMAL	ODISHA	EXISTING	IPP	700	12
ER-71	GMR KAMALANGA ENERGY LTD UNIT#3	THERMAL	ODISHA	EXISTING	IPP	350	12
ER-72	GMR KAMALANGA ENERGY (PH-II) U-4	THERMAL	ODISHA	UNDER CONST	IPP	350	12
ER-73	IND BARATH ENERGY(UTKAL) LTD	THERMAL	ODISHA	UNDER CONST	IPP	700	12
ER-74	JINDAL INDIA THERMAL POWER LTD	THERMAL	ODISHA	UNDER CONST	IPP	600	12
ER-75	JINDAL INDIA THERMAL POWER LTD	THERMAL	ODISHA	EXISTING	IPP	600	12
ER-76	KVK NILANCHAL	THERMAL	ODISHA	UNDER CONST	IPP	350	12
ER-77	LANCO BABANDH POWER PVT LTD	THERMAL	ODISHA	UNDER CONST	IPP	660	12
ER-78	MONET POWER COMPANY LTD	THERMAL	ODISHA	UNDER CONST	IPP	525	12
ER-79	STERLITE ENERGY LTD	THERMAL	ODISHA	EXISTING	IPP	600	12
ER-80	TALCHER	THERMAL	ODISHA	EXISTING	STATE	-250	12
ER-81	DANS ENERGY PVT. LTD. (JORETHANG)	HYDRO	SIKKIM	UNDER CONST	IPP	96	12
ER-82	GATI INFRASTRUCTURE LTD (CHUZACHEN)	HYDRO	SIKKIM	EXISTING	IPP	99	12
ER-83	GATI INFRASTRUCTURE BHASMEY POWER PVT. LTD. (BHASMEY)	HYDRO	SIKKIM	UNDER CONST	IPP	51	12

Sl. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	IC	PL AN
ER-84	JAL POWER CORPORATION (RANGIT-IV)	HYDRO	SIKKIM	UNDER CONST	IPP	120	12
ER-85	LANCO ENERGY PVT. LTD. (TEESTA-VI)	HYDRO	SIKKIM	UNDER CONST	IPP	500	12
ER-86	TEESTA URJA LTD. / PTC (TEESTA-III)	HYDRO	SIKKIM	UNDER CONST	IPP	1200	12
ER-87	RAGHUNATHPUR-II	THERMAL	WEST BENGAL	UNDER CONST	STATE	1200	12
ER-88	TISTA CANAL	HYDRO	WEST BENGAL	EXISTING	STATE	68	12
ER-89	TEESTA LOWER DAM (TLDP)	HYDRO	WEST BENGAL	EXISTING	CENTRAL	132	12
ER-90	DURGAPUR TPS U#8	THERMAL	WEST BENGAL	EXISTING	STATE	250	12
ER-91	HALDIA	THERMAL	WEST BENGAL	UNDER CONST	STATE	600	12
ER-92	SAGARDIGHI TPS-2	THERMAL	WEST BENGAL	UNDER CONST	STATE	1000	12
ER-93	TEESTA LOWER DAM -4	HYDRO	WEST BENGAL	UNDER CONST	CENTRAL	160	12
ER-94	MULAJORE	THERMAL	WEST BENGAL	EXISTING	STATE	-90	12
ER-95	TITAGARH	THERMAL	WEST BENGAL	EXISTING	STATE	-240	12
ER-96	DPL	THERMAL	WEST BENGAL	EXISTING	STATE	-225	12
ER-97	BANDEL	THERMAL	WEST BENGAL	EXISTING	STATE	-83	12
13th Plan							
ER-98	JAS INFRA	THERMAL	BIHAR	UNDER CONST	IPP	2640	13
ER-99	NABINAGAR-2	THERMAL	BIHAR	UNDER CONST	CENTRAL	1980	13
ER-100	CORPORATE POWER LIMITED PH-II	THERMAL	JHARKHAND	UNDER CONST	IPP	540	13
ER-101	ESSAR POWER (JHARKHAND) LTD.	THERMAL	JHARKHAND	UNDER CONST	IPP	1200	13
ER-102	NORTH KARANPURA	THERMAL	JHARKHAND	UNDER CONST	CENTRAL	1980	13
ER-103	TILAIYYA	THERMAL	JHARKHAND	UNDER CONST	CENTRAL	3960	13
ER-104	PATRATU	THERMAL	JHARKHAND	UNDER CONST	STATE	1320	13
ER-105	PATRATU	THERMAL	JHARKHAND	EXISTING	STATE	-110	13
ER-106	DARLIPALLI	THERMAL	ODISHA	UNDER CONST	CENTRAL	1600	13
ER-107	KVK NILANCHAL	THERMAL	ODISHA	UNDER CONST	IPP	700	13
ER-108	LANCO BABANDH POWER PVT LTD	THERMAL	ODISHA	UNDER CONST	IPP	660	13
ER-109	MONET POWER COMPANY LTD	THERMAL	ODISHA	UNDER CONST	IPP	525	13
ER-110	NSL NAGPATNAM POWER & INFRATECH (EARLIER MAHANADI ABAN)	THERMAL	ODISHA	UNDER CONST	IPP	1320	13
ER-111	OPGC	THERMAL	ODISHA	UNDER CONST	IPP	1320	13

SI. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	IC	PL AN
ER-112	TALCHER TPS STAGE- III	THERMAL	ODISHA	UNDER CONST	CENTRAL	1320	13
ER-113	ODISHA UMPP	THERMAL	ODISHA	UNDER CONST	CENTRAL	3960	13
ER-114	OTPCL	THERMAL	ODISHA	UNDER CONST	STATE	1600	13
ER-115	DICKCHU (SNEHA KINETIC POWER PROJECTS LTD.)	HYDRO	SIKKIM	UNDER CONST	IPP	96	13
ER-116	MADHYA BHARAT POWER CORPORATION LTD. (RONGNICHU)	HYDRO	SIKKIM	UNDER CONST	IPP	96	13
ER-117	TASHIDING (SHIGA ENERGY PVT. LTD.)	HYDRO	SIKKIM	UNDER CONST	IPP	97	13
ER-118	PANAN (HIMAGIRI)	HYDRO	SIKKIM	UNDER CONST	IPP	300	13
ER-119	RANGIT-II (SIKKIM HYDRO)	HYDRO	SIKKIM	UNDER CONST	IPP	66	13
ER-120	TEESTA IV	HYDRO	SIKKIM	UNDER CONST	CENTRAL	520	13
ER-121	RAGHUNATHPUR-II	THERMAL	WEST BENGAL	UNDER CONST	STATE	1320	13
ER-122	RAMAM-III	HYDRO	WEST BENGAL	UNDER CONST	CENTRAL	120	13
ER-123	KATWA	THERMAL	WEST BENGAL	UNDER CONST	STATE	1320	13
ER-124	TURGA PSS	HYDRO	WEST BENGAL	UNDER CONST	STATE	1000	13
ER-125	SOUTHERN REP	THERMAL	WEST BENGAL	EXISTING	STATE	-135	13
ER-126	SANTHALDIH	THERMAL	WEST BENGAL	EXISTING	STATE	-120	13

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Sl. No	NAME OF THE PROJECT	TYPE OF GEN.	STATE	STATUS	OWNER	IC	PLAN
NORTH EASTERN REGION (STATE-WISE GENERATION LIST)							
12th Plan							
NER-33	L SUBHANSIRI	HYDRO	ARUNACHAL	UNDER CONST	CENTRAL	1000	12
NER-34	KAMENG	HYDRO	ARUNACHAL	UNDER CONST	CENTRAL	600	12
NER-35	PARE	HYDRO	ARUNACHAL	UNDER CONST	CENTRAL	110	12
NER-36	BONGAIGAON TPP	THERMAL	ASSAM	UNDER CONST	CENTRAL	750	12
NER-37	NAMRUP	GAS	ASSAM	EXISTING	STATE	-66	12
NER-38	NAMRUP	GAS	ASSAM	UNDER CONST	STATE	100	12
NER-39	MYNTDU LESHKA	HYDRO	MEGHALAYA	EXISTING	STATE	42	12
NER-40	UMTRU	HYDRO	MEGHALAYA	UNDER CONST	STATE	40	12
NER-41	TURIAL	HYDRO	MIZORAM	UNDER CONST	CENTRAL	60	12
NER-42	LIKHIMROA	HYDRO	NAGALAND	EXISTING	STATE	22	12
NER-43	MONARCHAK	GAS	TRIPURA	UNDER CONST	CENTRAL	101	12
NER-44	PALATANA U1	GAS	TRIPURA	EXISTING	CENTRAL	363	12
NER-45	PALATANA U2	GAS	TRIPURA	EXISTING	CENTRAL	363	12
NER-46	AGARTALA GAS	GAS	TRIPURA	UNDER CONST	CENTRAL	52	12
13th Plan							
NER-47	L SUBHANSIRI	HYDRO	ARUNACHAL	UNDER CONST	CENTRAL	1000	13
NER-48	SEW NAFRA	HYDRO	ARUNACHAL	UNDER CONST	IPP	120	13
NER-49	PATEL HYDRO	HYDRO	ARUNACHAL	UNDER CONST	IPP	189	13
NER-50	ADISHANKAR KHUITAM	HYDRO	ARUNACHAL	UNDER CONST	IPP	66	13
NER-51	KSK DIBBIN	HYDRO	ARUNACHAL	UNDER CONST	IPP	120	13
NER-52	TAWANG-I	HYDRO	ARUNACHAL	UNDER CONST	CENTRAL	600	13
NER-53	TAWANG-II	HYDRO	ARUNACHAL	UNDER CONST	CENTRAL	800	13
NER-54	LOWER DEMWE (ATHENA)	HYDRO	ARUNACHAL	UNDER CONST	IPP	1750	13
NER-55	KALAI-II	HYDRO	ARUNACHAL	UNDER CONST	IPP	1200	13
NER-56	NYAMJANGCHU	HYDRO	ARUNACHAL	UNDER CONST	IPP	780	13
NER-57	GMR LONDA	HYDRO	ARUNACHAL	UNDER CONST	IPP	225	13
NER-58	TATO-II	HYDRO	ARUNACHAL	UNDER CONST	IPP	700	13
NER-59	NAMRUP	GAS	ASSAM	EXISTING	STATE	-30	13
NER-60	LAKWA	GAS	ASSAM	EXISTING	STATE	-30	13
NER-61	LOKTAK DOWN STREAM	HYDRO	MANIPUR	UNDER CONST	STATE	66	13
NER-62	KOLODYNE ST-II	HYDRO	MIZORAM	UNDER CONST	CENTRAL	460	13
NER-63	DIKU	HYDRO	NAGALAND	UNDER CONST	IPP	186	13

SI.NO	Name of the Project	Type of Gen.	State	Status	Owner	IC	Plan
SOUTHERN REGION (STATE-WISE GENERATION LIST)							
12th Plan							
SR-98	KRISHNAPATNAM JV (APPDCL)	THERMAL	ANDHRA PRADESH	UNDER CONST	STATE	1600	12
SR-99	RAYALASEEMA TPS ST-IV	THERMAL	ANDHRA PRADESH	UNDER CONST	STATE	600	12
SR-100	MEENAKSHI PH-I	THERMAL	ANDHRA PRADESH	EXISTING	IPP	300	12
SR-101	SIMHAPURI PH-II	THERMAL	ANDHRA PRADESH	EXISTING	IPP	300	12
SR-102	MEENAKSHI PH-II	THERMAL	ANDHRA PRADESH	UNDER CONST	IPP	700	12
SR-103	SIMHAPURI PH-II	THERMAL	ANDHRA PRADESH	UNDER CONST	IPP	150	12
SR-104	EAST COAST ENERGY THERMAL	THERMAL	ANDHRA PRADESH	UNDER CONST	IPP	1320	12
SR-105	POWERTECH.	THERMAL	ANDHRA PRADESH	UNDER CONST	IPP	1320	12
SR-106	NCC KRISHNAPATNAM HINDUJA STATE IPP,	THERMAL	ANDHRA PRADESH	UNDER CONST	IPP	1320	12
SR-107	VIZAG	THERMAL	ANDHRA PRADESH	UNDER CONST	IPP	1050	12
SR-108	PULICHINTALA	HYDRO	ANDHRA PRADESH	UNDER CONST	STATE	120	12
SR-109	A.P WIND	RENEWABLE	ANDHRA PRADESH	UNDER CONST	STATE	2323	12
SR-110	A.P SOALR	RENEWABLE	ANDHRA PRADESH	UNDER CONST	STATE	1677	12
SR-111	BELLARY TPS U-3	THERMAL	KARNATAKA	UNDER CONST	STATE	700	12
SR-112	YERAMARUS	THERMAL	KARNATAKA	UNDER CONST	STATE	1600	12
SR-113	EDLAPUR	THERMAL	KARNATAKA	UNDER CONST	STATE	800	12
SR-114	KUDGI NTPC	THERMAL	KARNATAKA	UNDER CONST	CENTRAL	800	12
SR-115	TORANGALU (JINDAL)	THERMAL	KARNATAKA	EXISTING	IPP	600	12
SR-116	KARNATAKA WIND	RENEWABLE	KARNATAKA	UNDER CONST	STATE	3619	12
SR-117	KARNATKA SOLAR	RENEWABLE	KARNATAKA	UNDER CONST	STATE	253	12
SR-118	KARNATKA SMALL HYDRO	RENEWABLE	KARNATAKA	UNDER CONST	STATE	418	12
SR-119	PALLIVASAL EXTN	HYDRO	KERALA	UNDER CONST	STATE	60	12
SR-120	THOTTIAR	HYDRO	KERALA	UNDER CONST	STATE	40	12
SR-121	NORTH CHENNAI ST-II	THERMAL	TAMIL NADU	EXISTING	STATE	600	12
SR-122	BHAWANI BARRAGE - II & III	HYDRO	TAMIL NADU	EXISTING	STATE	60	12
SR-123	METTUR TPS ST-III	THERMAL	TAMIL NADU	EXISTING	STATE	600	12
SR-124	NORTH CHENNAI ST-II	THERMAL	TAMIL NADU	EXISTING	STATE	600	12
SR-125	VALLUR TPS (NC JV)	THERMAL	TAMIL NADU	EXISTING	CENTRAL	1000	12
SR-126	KUDANKULAM	Nuclear	TAMIL NADU	UNDER CONST	CENTRAL	2000	12
SR-127	PFBR	Nuclear	TAMIL NADU	UNDER CONST	CENTRAL	500	12
SR-128	NEVELI TS - II EXPANSION	THERMAL	TAMIL NADU	UNDER CONST	CENTRAL	250	12
SR-129	TUTICORIN JV	THERMAL	TAMIL NADU	UNDER CONST	CENTRAL	1000	12
SR-130	COASTAL ENERGEN	THERMAL	TAMIL NADU	UNDER CONST	IPP	1200	12
SR-131	IND-BARATH POWER	THERMAL	TAMIL NADU	UNDER CONST	IPP	660	12
SR-132	IL&FS TAMIL NADU	THERMAL	TAMIL NADU	UNDER CONST	IPP	1200	12
SR-133	ENNORE	THERMAL	TAMIL NADU	EXISTING	STATE	-120	12
SR-134	NEVELI ST-I	THERMAL	TAMIL NADU	EXISTING	CENTRAL	-300	12
SR-135	TAMIL NADU SOLAR	RENEWABLE	TAMIL NADU	UNDER CONST	STATE	3014	12
SR-136	TAMIL NADU WIND	RENEWABLE	TAMIL NADU	UNDER CONST	STATE	4339	12
SR-137	KAKALIYA TPP ST-II	THERMAL	TELANGANA	UNDER CONST	STATE	600	12

SI.NO	Name of the Project	Type of Gen.	State	Status	Owner	IC	Plan
SR-138	N'SAGAR TR	HYDRO	TELANGANA	UNDER CONST	STATE	50	12
SR-139	LOWER JURALA	HYDRO	TELANGANA	UNDER CONST	STATE	240	12
SR-140	SINGARENI	THERMAL	TELANGANA	UNDER CONST	IPP	1200	12
SR-141	KOTHAGGUEM	THERMAL	TELANGANA	EXISTING	STATE	-240	12
SR-142	RAMAGUNDAM B	THERMAL	TELANGANA	EXISTING	STATE	-	12
13th Plan							
SR-143	INDIRA SAGAR(POLAVARAM)	HYDRO	ANDHRA PRADESH	UNDER CONST	STATE	960	13
SR-144	KAKATIYA	THERMAL	ANDHRA PRADESH	UNDER CONST	STATE	800	13
SR-145	VIJAYAWADA EXP	THERMAL	ANDHRA PRADESH	UNDER CONST	STATE	800	13
SR-146	KRISHNAPATNAM U-3	THERMAL	ANDHRA PRADESH	UNDER CONST	STATE	800	13
SR-147	GMR VEMAGIRI CCGT	GAS	ANDHRA PRADESH	UNDER CONST	IPP	768	13
SR-148	KONDAPALLI ST-3	GAS	ANDHRA PRADESH	UNDER CONST	IPP	742	13
SR-149	PANDURANGA VEMAGIRI CCGT	GAS	ANDHRA PRADESH	UNDER CONST	IPP	116	13
SR-150	SAMALKOTE CCGT	GAS	ANDHRA PRADESH	UNDER CONST	IPP	2400	13
SR-151	KUDGI NTPC	THERMAL	KARNATAKA	UNDER CONST	CENTRAL	1600	13
SR-152	NEYVELI TS-I REPLACEMENT	THERMAL	TAMIL NADU	UNDER CONST	STATE	1000	13
SR-153	ENNORE TPS ANNEX	THERMAL	TAMIL NADU	UNDER CONST	STATE	660	13
SR-154	REPLACEMENT OF EXISTING ENNORE TPS	THERMAL	TAMIL NADU	UNDER CONST	STATE	660	13
SR-155	NORTH CHENNAI ST-III (2015-16)	THERMAL	TAMIL NADU	UNDER CONST	STATE	800	13
SR-156	NORTH CHENNAI ST-IV (2015-16)	THERMAL	TAMIL NADU	UNDER CONST	STATE	1320	13
SR-157	UDANGUDI TPS JV (TNEB-BHEL)	THERMAL	TAMIL NADU	UNDER CONST	STATE	1320	13
SR-158	UDANGUDI TPS JV ST-II	THERMAL	TAMIL NADU	UNDER CONST	STATE	800	13
SR-159	TUTICORIN (IND BARAT)	THERMAL	TAMIL NADU	EXISTING	IPP	300	13
SR-160	CHEYUR UMPP	THERMAL	TAMIL NADU	UNDER CONST	CENTRAL	3960	13
SR-161	KUDANDKULAM U-3	Nuclear	TAMIL NADU	UNDER CONST	CENTRAL	1000	13
SR-162	NEVELI ST-I	THERMAL	TAMIL NADU	EXISTING	CENTRAL	-300	13
SR-163	ENNORE SINGAREDDIPALLI	THERMAL	TAMIL NADU	EXISTING	STATE	-330	13
SR-164	(2012-14)	THERMAL	TELANGANA	UNDER CONST	STATE	200	13
SR-165	RAMAGUNDAM ST-IV	THERMAL	TELANGANA	UNDER CONST	CENTRAL	1320	13
SR-166	RAMAGUNDAM BPL	THERMAL	TELANGANA	UNDER CONST	STATE	800	13
SR-167	KOTHAGUEM	THERMAL	TELANGANA	EXISTING	STATE	-220	13
SR-168	KOTHAGUEM EXTN	THERMAL	TELANGANA	UNDER CONST	STATE	800	13

SI.NO	Name of the Project	Type of Gen	State	Status	Owner	IC	Plan
WESTERNN REGION (STATE-WISE GENERATION LIST)							
12th Plan							
WR-101	ATHENA CHHATTISGARH POWER LTD	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	12
WR-102	BALCO DB POWER	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	12
WR-103	CHHATTISGARH LTD DB POWER	THERMAL	CHHATTISGARH	EXISTING	IPP	600	12
WR-104	CHHATTISGARH LTD GMR CHHATTISGARH PVT LTD (2X685)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	12
WR-105	JINDAL POWER LTD (2X600 MW) (4UNITS)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	1370	12
WR-106	KORBA WEST POWER CO. LTD	THERMAL	CHHATTISGARH	EXISTING	IPP	1200	12
WR-107	KSK MAHANADI (1UNITS)	THERMAL	CHHATTISGARH	EXISTING	IPP	600	12
WR-108	LANCO AMARKANTAK POWER PVT LTD (2X660MW)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	12
WR-109	MARUTI CLEAN COAL LTD	THERMAL	CHHATTISGARH	UNDER CONST	IPP	1320	12
WR-110	MARWA TPP	THERMAL	CHHATTISGARH	UNDER CONST	IPP	300	12
WR-111	MARWA TPP	THERMAL	CHHATTISGARH	UNDER CONST	STATE	500	12
WR-112	RKM POWER GENT LTD (3UNITS)	THERMAL	CHHATTISGARH	EXISTING	STATE	500	12
WR-113	SKS POWER LTD (3UNITS)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	1080	12
WR-114	ACBIL	THERMAL	CHHATTISGARH	UNDER CONST	IPP	900	12
WR-115	JINDAL POWER LTD (2X600 MW)	THERMAL	CHHATTISGARH	EXISTING	IPP	135	12
WR-116	SPECTRUM COAL & POWER	THERMAL	CHHATTISGARH	UNDER CONST	IPP	1200	12
WR-117	TRN ENERGY LTD	THERMAL	CHHATTISGARH	UNDER CONST	IPP	50	12
WR-118	KORBA (WEST U-5)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	12
WR-119	KSK MAHANADI	THERMAL	CHHATTISGARH	EXISTING	STATE	500	12
WR-120	SPECTRUM COAL & POWER (1UNIT)	THERMAL	CHHATTISGARH	EXISTING	IPP	1200	12
WR-121	SIPAT STPP STAGE - I	THERMAL	CHHATTISGARH	EXISTING	IPP	50	12
WR-122	VANDANA VIDYUT	THERMAL	CHHATTISGARH	EXISTING	CENTRAL	660	12
WR-123	ATHENA CHHATTISGARH POWER LTD	THERMAL	CHHATTISGARH	UNDER CONST	IPP	135	12
WR-124	VANDANA VIDYUT LTD	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	12
WR-125	KORBA	THERMAL	CHHATTISGARH	EXISTING	IPP	135	12
WR-126	SWASTIK KORBA	THERMAL	CHHATTISGARH	EXISTING	STATE	-200	12
WR-127	RATIJA - ACBIL	THERMAL	CHHATTISGARH	UNDER CONST	IPP	25	12
WR-128	CHAKABURA - ACBIL	THERMAL	CHHATTISGARH	EXISTING	IPP	50	12
WR-129	ESSAR (SAILAIYA) - PH 1	THERMAL	CHHATTISGARH	UNDER CONST	IPP	30	12
WR-130	ESSAR (SAILAIYA) - PH 1	THERMAL	GUJARAT	EXISTING	IPP	600	12
WR-131	DHUVARAN	GAS	GUJARAT	UNDER CONST	IPP	600	12
WR-132	KAKRAPAR APS PH II	Nuclear	GUJARAT	EXISTING	STATE	376	12
WR-133	BHAVNAGAR ENERGY	THERMAL	GUJARAT	UNDER CONST	CENTRAL	1400	12
WR-134			GUJARAT	UNDER CONST	STATE	500	12

SI.NO	Name of the Project	Type of Gen	State	Status	Owner	IC	Plan
WR-135	SIKKA TPP EXTN	THERMAL	GUJARAT	UNDER CONST	STATE	250	12
WR-136	SIKKA TPS EXTN	THERMAL	GUJARAT	UNDER CONST	STATE	250	12
WR-137	PIPAVAV CCP	GAS	GUJARAT	EXISTING	STATE	702	12
WR-138	MUNDRA UMPP	THERMAL	GUJARAT	EXISTING	CENTRAL	3200	12
WR-139	TORRENT ENERGY LTD (1MODULE)	GAS	GUJARAT	EXISTING	IPP	400	12
WR-140	TORRENT ENERGY LTD (2MODULE)	GAS	GUJARAT	EXISTING	IPP	400	12
WR-141	TORRENT ENERGY LTD (3MODULE)	GAS	GUJARAT	EXISTING	IPP	400	12
WR-142	TORRENT POWER LTD (UNO SUGEN)	GAS	GUJARAT	EXISTING	IPP	383	12
WR-143	UKAI TPP EXTN	THERMAL	GUJARAT	EXISTING	STATE	500	12
WR-144	GUJARAT WIND	RENEWABLE	GUJARAT	UNDER CONST	STATE	3368	12
WR-145	GUJARAT SOLAR	RENEWABLE	GUJARAT	UNDER CONST	STATE	1361	12
WR-146	JAIPRAKASH POWER VENTURES LTD	THERMAL	MADHYA PRADESH	UNDER CONST	IPP	1320	12
WR-147	BINA POWER SUPPLY CO. LTD (JAYPEE)	THERMAL	MADHYA PRADESH	EXISTING	IPP	500	12
WR-148	ESSAR POWER MP LTD	THERMAL	MADHYA PRADESH	EXISTING	IPP	600	12
WR-149	ESSAR POWER MP LTD (1X600)	THERMAL	MADHYA PRADESH	UNDER CONST	IPP	600	12
WR-150	MB POWER MP LTD	THERMAL	MADHYA PRADESH	UNDER CONST	IPP	1200	12
WR-151	MALWA TPP (SHREE SINGAJI TPP)	THERMAL	MADHYA PRADESH	EXISTING	STATE	600	12
WR-152	DB POWER MP LTD (1X660MW)	THERMAL	MADHYA PRADESH	UNDER CONST	IPP	660	12
WR-153	MALWA TPP (SHREE SINGAJI TPP)	THERMAL	MADHYA PRADESH	UNDER CONST	STATE	600	12
WR-154	NIWARI TPP (BLA POWER)	THERMAL	MADHYA PRADESH	UNDER CONST	STATE	45	12
WR-155	NIWARI TPP (BLA POWER)	THERMAL	MADHYA PRADESH	EXISTING	STATE	45	12
WR-156	SASAN UMPP	THERMAL	MADHYA PRADESH	EXISTING	CENTRAL	1320	12
WR-157	SASAN UMPP	THERMAL	MADHYA PRADESH	EXISTING	CENTRAL	1320	12
WR-158	SASAN UMPP	THERMAL	MADHYA PRADESH	EXISTING	CENTRAL	1320	12
WR-159	SATPURA TPS EXTN	THERMAL	MADHYA PRADESH	EXISTING	STATE	500	12
WR-160	JHABUA	THERMAL	MADHYA PRADESH	UNDER CONST	IPP	600	12
WR-161	VINDHYACHAL STPP - IV	THERMAL	MADHYA PRADESH	EXISTING	CENTRAL	1000	12
WR-162	MAHESWAR IBL (INDIA BULLS LIMITED) (AMARAVATHI)	HYDRO	MADHYA PRADESH	UNDER CONST	IPP	400	12
WR-163	PH-I	THERMAL	MAHARASHTRA	EXISTING	IPP	1350	12
WR-164	APML, TIRODA	THERMAL	MAHARASHTRA	EXISTING	IPP	2640	12
WR-165	IEPL (IDEAL ENERGY	THERMAL	MAHARASHTRA	EXISTING	IPP	270	12

SI.NO	Name of the Project	Type of Gen	State	Status	Owner	IC	Plan
WR-166	BUTIBORI TPP PH-II	THERMAL	MAHARASHTRA	EXISTING	IPP	300	12
WR-167	DHARIWAL INFRASTRUCTURE LTD	THERMAL	MAHARASHTRA	EXISTING	IPP	600	12
WR-168	EMCO ENERGY LTD	THERMAL	MAHARASHTRA	EXISTING	IPP	600	12
WR-169	GEPL	THERMAL	MAHARASHTRA	EXISTING	IPP	120	12
WR-170	MAUDA STPP	THERMAL	MAHARASHTRA	EXISTING	CENTRAL	1000	12
WR-171	NASIK TPP PH-I (INDIA BULLS)	THERMAL	MAHARASHTRA	EXISTING	IPP	1350	12
WR-172	PARAS	THERMAL	MAHARASHTRA	EXISTING	STATE	55	12
WR-173	APML, TIRODA	THERMAL	MAHARASHTRA	UNDER CONST	IPP	660	12
WR-174	CHANDRAPUR TPS EXTN (U8)	THERMAL	MAHARASHTRA	UNDER CONST	STATE	500	12
WR-175	CHNDRAPUR TPS (U9)	THERMAL	MAHARASHTRA	UNDER CONST	STATE	500	12
WR-176	KORADI EXTN (9 & 10)	THERMAL	MAHARASHTRA	UNDER CONST	STATE	1320	12
WR-177	KORADI EXTN (9 & 10)	THERMAL	MAHARASHTRA	UNDER CONST	STATE	660	12
WR-178	LANCO VIDHARBHA	THERMAL	MAHARASHTRA	UNDER CONST	IPP	1320	12
WR-179	MAUDA STPP II	THERMAL	MAHARASHTRA	UNDER CONST	CENTRAL	660	12
WR-180	URAN-DPH	GAS	MAHARASHTRA	EXISTING	STATE	240	12
WR-181	VIDHARBHA INDUSTRY, BUTIBORI	THERMAL	MAHARASHTRA	EXISTING	IPP	300	12
WR-182	PARLI TPS EXTN (U8)	THERMAL	MAHARASHTRA	UNDER CONST	STATE	250	12
WR-183	SOLAPUR STPP	THERMAL	MAHARASHTRA	UNDER CONST	CENTRAL	660	12
WR-184	PARLI	THERMAL	MAHARASHTRA	UNDER CONST	STATE	-60	12
WR-185	PARAS	THERMAL	MAHARASHTRA	EXISTING	STATE	-63	12
WR-186	BHUSAWAL	THERMAL	MAHARASHTRA	EXISTING	STATE	-63	12
WR-187	MAHARASHTRA WIND	RENEWABLE	MAHARASHTRA	UNDER CONST	STATE	3763	12
WR-188	MAHARASHTRA SOLAR	RENEWABLE	MAHARASHTRA	UNDER CONST	STATE	300	12
13th Plan							
WR-189	KSK MAHANADI (3UNITS)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	1800	13
WR-190	LARA STPP I	THERMAL	CHHATTISGARH	UNDER CONST	CENTRAL	1600	13
WR-191	RKM POWER GENT LTD (1UNITS)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	360	13
WR-192	SKS POWER LTD (1UNITS)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	300	13
WR-193	VISA POWER LTD (1X600)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	13
WR-194	KORBA WEST POWER CO. LTD	THERMAL	CHHATTISGARH	UNDER CONST	IPP	600	13
WR-195	INDIA BULLS (SARGUJA)	THERMAL	CHHATTISGARH	UNDER CONST	IPP	1200	13
WR-196	KORBA	THERMAL	CHHATTISGARH	EXISTING	STATE	-120	13
WR-197	HAZARIRA EXT	GAS	GUJARAT	UNDER CONST	STATE	700	13
WR-198	OPG - GUJARAT	THERMAL	GUJARAT	UNDER CONST	STATE	350	13
WR-199	WANAKBORI U-8	THERMAL	GUJARAT	UNDER CONST	STATE	800	13
WR-200	SURAT LIGNITE STAGE-III	THERMAL	GUJARAT	UNDER CONST	STATE	500	13
WR-201	DHUVARAN	GAS	GUJARAT	EXISTING	STATE	-126	13
WR-202	UKAI	THERMAL	GUJARAT	EXISTING	STATE	-240	13
WR-203	GANDHINAGAR TPS	THERMAL	GUJARAT	EXISTING	STATE	-240	13
WR-204	GADARWARA STPP	THERMAL	MADHYA PRADESH	UNDER CONST	CENTRAL	1600	13
WR-205	VINDHYACHAL STPP-V	THERMAL	MADHYA PRADESH	UNDER CONST	CENTRAL	500	13
WR-206	CHUTKA M.P	Nuclear	MADHYA	UNDER CONST	CENTRAL	700	13

SI.NO	Name of the Project	Type of Gen	State	Status	Owner	IC	Plan
WR-207	MALWA TPP (SHREE SINGAJI TPP) PH-II	THERMAL	MADHYA PRADESH	UNDER CONST	STATE	1320	13
WR-208	BARETHI PH-I	THERMAL	MADHYA PRADESH	UNDER CONST	CENTRAL	2640	13
WR-209	AMRAVATI TPP PH-II (INDIA BULLS)	THERMAL	MAHARASHTRA	UNDER CONST	IPP	1350	13
WR-210	MAUDA STPP II	THERMAL	MAHARASHTRA	UNDER CONST	CENTRAL	660	13
WR-211	NASIK TPP PH-II INDIA BULLS)	THERMAL	MAHARASHTRA	UNDER CONST	IPP	1350	13
WR-212	SOLAPUR STPP	THERMAL	MAHARASHTRA	UNDER CONST	CENTRAL	660	13
WR-213	KOYNA LB	HYDRO	MAHARASHTRA	UNDER CONST	STATE	80	13
WR-214	DONDAICHA	THERMAL	MAHARASHTRA	UNDER CONST	STATE	1980	13
WR-215	TROMBAY	GAS	MAHARASHTRA	EXISTING	STATE	-150	13
WR-216	CHANDRAPURA	THERMAL	MAHARASHTRA	EXISTING	STATE	-240	13
WR-217	KORADI	THERMAL	MAHARASHTRA	EXISTING	STATE	-360	13
WR-218	URAN (G)	GAS	MAHARASHTRA	EXISTING	STATE	-180	13
WR-219	AMARKANTAK	THERMAL	MAHARASHTRA	EXISTING	STATE	-120	13
WR-220	PIONEER CCGT	GAS	MAHARASHTRA	UNDER CONST	STATE	388	13

SI.No	Name of the Project	Type of Gen	State	Status	Owner	IC	Plan
Bhutan Generation List							
12th Plan							
BH - 04	DAGACHU	HYDRO	BHUTAN	UNDER CONST	CENTRAL	126	12
BH - 05	MANGDECH	HYDRO	BHUTAN	UNDER CONST	CENTRAL	720	12
BH - 06	PUNATSANGCHU	HYDRO	BHUTAN	UNDER CONST	CENTRAL	1200	12
BH - 07	PUNATSANGCHU-II	HYDRO	BHUTAN	UNDER CONST	CENTRAL	1020	12
13th Plan							
BH - 08	BUNAKHA	HYDRO	BHUTAN	UNDER CONST	CENTRAL	180	13
BH - 09	CHAMKARCHU-I	HYDRO	BHUTAN	UNDER CONST	CENTRAL	770	13
BH - 10	KHOLONCHU	HYDRO	BHUTAN	UNDER CONST	CENTRAL	600	13
BH - 11	WANGCHU	HYDRO	BHUTAN	UNDER CONST	CENTRAL	570	13

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