

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.2229
ANSWERED ON 08.08.2023

COAL CONSUMPTION BY POWER PLANTS

2229 DR. C.M. RAMESH:

Will the Minister of **POWER** be pleased to state:

- (a) the details of coal consumption by power plants in the country during the last three years and whether coal supply to these power plants are adequate;
- (b) whether power plants to meet the shortage of coal are also importing coal, the details thereof, power plant-wise; and
- (c) whether there is any Government guidelines regarding import of coal by these power plants, the details thereof?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b): The domestic coal receipt, imported coal receipt and coal consumption by power plants in the country during the last three years and current year are as under:

Year	Opening Stock (Million Tonnes)*	Domestic Coal Receipt (Million Tonnes)	Imported Coal Receipt (Million Tonnes)	Total Coal Receipt (Million Tonnes)	Total Availability of Coal (Million Tonnes)	Total Consumption (Million Tonnes)
2020-21	51.7	550.8	45.5	596.3	648	615.4
2021-22	31.9	667.6	27.0	694.6	726.5	697.3
2022-23	27.2	731.6	55.6	787.2	814.4	776.8
2023-24 (Apr-June)	37.2	196.8	14.2	211.0	248.2	212.2

*Stock adjusted by Plants during the year.

The power plants designed on imported coal import coal for their fuel requirement and the power plants designed on domestic coal import coal for blending purpose keeping in view their requirement, domestic coal availability and commercial prudence. Further, the power plants use their coal stock to meet requirement whenever the receipt of coal is less than consumption.

The details of receipt and consumption of coal in Domestic Coal Based (DCB) Plants during last 3 years and current year (Apr-June) is attached at **ANNEXURE**.

(c): Coal, whether domestic or imported, is procured by Thermal Power Plants (DCBs or ICBs) separately and as per their requirements. As Coal is under open general licence (OGL) since 1993, thermal power plants/generators are regularly importing coal as per their preference (imported coal has high GCV value and therefore is of better quality) and needs based on their commercial prudence. Thermal Coal imports increased with the construction of Imported Coal Based coastal power plants especially between 2002-03 and 2019-20 (pre-pandemic year). Even Domestic Coal Based plants has shown an increasing trend of blending of imported coal between 2011-12 (6.6%, 26.5 Million Tonnes) and 2014-15 (9.9%, 48.5 Million Tonnes). Information regarding coal imports by DCBs and ICBs is regularly collected and monitored by CEA.

The import of coal by power plants during the last 5 FYs and the first quarter of the current FY is as under:

All figures in Million Tonnes

Imported Coal Receipt at Coal based Power Plants			
Year	Domestic Coal based Plants (Blending)	Imported Coal based Plants	Total
2018-19	21.4	40.3	61.7
2019-20	23.8	45.5	69.2
2020-21	10.4	35.1	45.5
2021-22	8.1	18.9	27.0
2022-23	35.1	20.5	55.6
2023-24 (April-June)	6.5	7.7	14.2

The above table clearly shows that import of coal, for DCBs, has been on decline since 2019-20 primarily due to increased availability of domestic coal on account of various policy measures taken to increase domestic coal production. Accordingly, the Ministry of Power, in FY 2020-21, also gave advisory to GENCOs to reduce their imports as Ministry of Coal informed that sufficient domestic coal was available. However, from July, 21 onwards the consumption of coal exceeded the supplies because of increased demand such that the coal stocks at the power plants end came down from 28.7 Million Tonnes (MT) as on 30.06.2021 to about 8.1 Million Tonnes (MT) as on 30.09.2021. This was largely enough for three and half days only. During this period (Q2 of FY 2021-22) stocks, the gap between consumption and supply of domestic coal has been about 2.38 Lakh Tonnes/day. The Ministry of Power, while observing the trend of domestic coal supplies viz-a viz consumption and to ensure non repetition of the situation of critical domestic stocks at the end of Q2, advised all the States Gencos & IPPs, in December 2021, to import coal @4% (by weight) and NTPC/DVC @ 10% (by weight) for meeting their requirements during 2022-23. During the month of April, 2022, the Power Demand and the coal consumption in power plants have grown by about 12 % as compared to April, 2021. In view of the high demand for power and receipt of coal being less than consumption leading to depletion of coal stock, MOP on 28.04.2022 advised States and IPPs to import coal @ 10% (by weight) of their requirement in order to meet the requirements of power generation.

The procurement and payment of the imported coal is done by the Gencos.

During April-Sep, 2022 (Q1, Q2 of FY 2022-23) the receipt of domestic coal was about 355 MT against the consumption of 385 MT (Dom: 359 MT +1mp: 1.4 x 18.9 MT). If there would have been no import for blending purpose, the coal stock available at the domestic coal based plants, which was about 24 MT at the beginning of the FY 2022-23 would have reduced to ZERO during September, 2022. The gap between supply of domestic coal and consumption of coal was about 1.6 lakh tons/day during first half of FY 2022-23. On the improvement of the situation MOP advised GENCOs on 01.08.2022 to take decision regarding blending at their level taking into account the domestic coal supply and stock position (need based blending) with continuous monitoring of stock levels. However, during September, 2022 to January, 2023, the gap between daily coal consumption and daily arrival of domestic coal ranged from 0.26 Million Tonnes to 0.05 Million Tonnes. Therefore Ministry of Power advised Central, State Gencos and Independent Power Producers (IPPs) on 09.01.2023 to import coal through a transparent competitive procurement for blending so as to have sufficient coal stocks at their power plants for smooth operations till September, 2023.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2229 ANSWERED IN THE RAJYA SABHA ON 08.08.2023

PLANT-WISE COAL RECEIPT AND CONSUMPTION FROM 2020-21 to 2023-24 (Apr-Jun)																	
Sl. No	Name of TPS	2020-21				2021-22				2022-23				2023-24 (Apr-Jun)			
		Domes- tic Receipt	Impor- ted Receipt	Total Receipt	Total Consump- tion	Domes- tic Receipt	Impor- ted Receipt	Total Receipt	Total Consump- tion	Domestic Receipt	Imported Receipt	Total Receipt	Total Consump- tion	Domes- tic Receipt	Impor- ted Receipt	Total Receipt	Total Consump- tion
1	PANIPAT TPS	522	0	522	847	1819	0	1819	1942	3482	222	3704	3469	414	0	414	601
2	RAJIV GANDHI TPS	790	0	790	1162	1762	0	1762	1868	4592	425	5018	4861	555	0	555	850
3	YAMUNA NAGAR TPS	1406	0	1406	1823	1795	0	1795	1846	2804	235	3039	2939	545	0	545	639
4	INDIRA GANDHI STPP	1970	0	1970	2450	4400	0	4400	4669	4802	592	5394	5335	1583	113	1696	1263
5	MAHATMA GANDHI TPS	2814	0	2814	2862	4535	0	4535	4714	4636	401	5038	5018	1108	0	1108	1176
6	GH TPS (LEH.MOH.)	341	0	341	605	1483	0	1483	1344	2610	75	2685	2548	723	0	723	601
7	ROPAR TPS	402	0	402	533	1241	0	1241	1191	2700	75	2775	2635	808	0	808	599
8	GND TPS(BHATINDA)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	RAJPURA TPP	4185	0	4185	4237	5116	0	5116	5436	5903	122	6024	5821	1650	35	1685	1567
10	TALWANDI SABO TPP	4498	0	4498	4884	5720	0	5720	6019	8190	125	8315	8151	2113	4	2117	2079
11	GOINDWAL SAHIB TPP	753	0	753	853	1207	0	1207	1335	1528	0	1528	1481	422	0	422	438
12	KOTA TPS	3311	0	3311	3674	4857	0	4857	4907	5763	0	5763	5754	1489	0	1489	1494
13	SURATGARH STPS	0	0	0	0	2333	0	2333	2131	2843	199	3042	3014	1054	0	1054	1086
14	SURATGARH TPS	684	0	684	846	3013	0	3013	2804	4685	8	4693	4719	1342	0	1342	1182
15	CHHABRA TPP	8383	0	8383	8493	0	0	0	0	0	0	0	0	0	0	0	0
16	CHHABRA-I PH-1 TPP	0	0	0	0	568	0	568	1177	1739	49	1788	2225	545	0	545	681
17	CHHABRA-I PH-2 TPP	0	0	0	0	1051	0	1051	368	2083	0	2083	1586	363	0	363	291
18	CHHABRA-II TPP	0	0	0	0	3727	0	3727	3906	4446	249	4695	4680	1162	0	1162	1153
19	KALISINDH TPS	3517	0	3517	3540	4324	0	4324	4368	4182	65	4247	4118	1115	0	1115	1241
20	DISHERGARH TPP	0	0	0	0	0	0	0	0	48	0	48	45	15	0	15	20
21	KAWAI TPS	4460	0	4460	4847	4760	0	4760	4856	4532	918	5450	5054	866	0	866	1140
22	ANPARA TPS	9823	0	9823	9907	11242	0	11242	11404	12824	0	12824	12323	2681	0	2681	2909
23	HARDUAGANJ TPS	1491	0	1491	1534	847	0	847	1103	3994	0	3994	3761	971	0	971	1119
24	JAWAHARPUR STPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	OBRA TPS	3357	0	3357	3477	3313	0	3313	3458	4236	0	4236	4336	902	0	902	820
26	PARICHAHA TPS	2395	0	2395	2500	2274	0	2274	2613	3829	0	3829	3726	1003	0	1003	903
27	DADRI (NCTPP)	1997	35	2033	2663	3706	139	3846	3847	5672	1212	6884	6957	1537	239	1777	1696
28	RIHAND STPS	14382	0	14382	14008	14132	0	14132	13535	14091	36	14127	14272	3687	0	3687	3830
29	SINGRAULI STPS	9545	0	9545	9463	9505	0	9505	9464	9676	0	9676	9718	2473	0	2473	2540
30	TANDA TPS	3550	0	3550	4231	5684	126	5810	5925	5925	828	6753	6886	1395	362	1757	1488
31	UNCHAHAR TPS	4884	20	4904	5116	5189	130	5319	5542	5254	707	5961	5784	1282	169	1451	1317
32	ROSA TPP Ph-I	3399	0	3399	3948	3546	0	3546	3652	4737	0	4737	4653	1302	0	1302	1217
33	ANPARA C TPS	5106	0	5106	5436	5117	0	5117	5269	5083	0	5083	5202	1422	0	1422	1469
34	MAQSOODPUR TPS	161	0	161	145	155	0	155	158	268	0	268	240	71	0	71	72

35	KHAMBARKHERA TPS	153	0	153	140	150	0	150	160	272	0	272	219	68	0	68	68
36	BARKHERA TPS	157	0	157	140	144	0	144	161	274	0	274	246	67	0	67	67
37	KUNDARKI TPS	184	0	184	181	207	0	207	214	305	0	305	267	72	0	72	71
38	UTRAULA TPS	199	0	199	197	192	0	192	191	295	0	295	240	68	0	68	64
39	PRAYAGRAJ TPP	6052	0	6052	6384	6922	0	6922	6996	7722	0	7722	7604	1996	0	1996	1959
40	LALITPUR TPS	4004	0	4004	4221	6153	0	6153	5869	7453	0	7453	7036	2063	0	2063	2185
41	MEJA STPP	2923	0	2923	2762	5246	0	5246	5052	4207	407	4615	4751	1345	96	1441	1284
42	DSPM TPS	2543	0	2543	2306	2753	0	2753	2805	2653	0	2653	2592	643	0	643	716
43	KORBA-III	858	0	858	898	0	0	0	0	0	0	0	0	0	0	0	0
44	KORBA-WEST TPS	6678	0	6678	6791	6715	0	6715	6723	7182	0	7182	7031	1683	0	1683	1871
45	KORBA STPS	13812	0	13812	13988	14082	0	14082	14127	14075	98	14174	14475	3670	0	3670	3766
46	SIPAT STPS	15228	0	15228	15048	13974	285	14259	14232	13321	695	14016	14026	3473	0	3473	3319
47	PATHADI TPP	3300	0	3300	3041	2513	0	2513	2758	2519	15	2534	2446	806	0	806	761
48	BHILAI TPS	2301	0	2301	2435	2516	0	2516	2660	2729	170	2899	2728	615	0	615	738
49	BALCO TPS	2734	41	2776	2569	2433	52	2486	2532	1636	101	1737	1874	465	38	502	567
50	MARWA TPS	3709	0	3709	3536	3583	0	3583	3574	3335	0	3335	3413	1583	0	1583	1338
51	AKALTARA TPS	6635	0	6635	6744	5872	0	5872	5828	6933	93	7026	6824	1622	0	1622	1783
52	BARADARHA TPS	5658	0	5658	5818	6723	0	6723	6473	5262	114	5376	5429	1628	0	1628	1506
53	AVANTHA BHANDAR	2322	0	2322	2255	2932	0	2932	2762	2854	31	2884	2970	864	0	864	919
54	TAMNAR TPP	6781	0	6781	6799	7951	0	7951	7862	10394	211	10605	10187	3078	114	3192	3360
55	BANDAKHAR TPP	1276	12	1288	1401	1454	0	1454	1520	1191	0	1191	1105	283	0	283	377
56	NAWAPARA TPP	1631	0	1631	1586	418	0	418	550	2189	0	2189	2110	773	0	773	701
57	OP JINDAL TPS	3472	0	3472	3498	4168	0	4168	4145	4600	116	4716	4841	1613	0	1613	1428
58	BINJKOTE TPP	1336	0	1336	1342	1181	0	1181	1243	1139	0	1139	1105	629	0	629	529
59	LARA TPP	4144	0	4144	3931	8069	0	8069	7946	8328	446	8774	8652	2077	0	2077	2209
60	RAIKHEDA TPP	5471	0	5471	5557	6191	0	6190	6186	4559	476	5035	5133	1517	0	1518	1562
61	UCHPINDA TPP	3376	0	3376	3245	5249	0	5249	5266	4979	0	4979	4826	1478	0	1478	1686
62	SALORA TPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
63	SABARMATI (D-F STATIONS)	654	106	760	782	1158	235	1393	1378	1253	238	1491	1463	289	72	360	429
64	SIKKA REP. TPS	0	896	896	911	0	388	388	466	0	878	878	800	0	24	24	12
65	GANDHI NAGAR TPS	839	0	839	1012	2301	0	2301	2213	2479	68	2547	2563	678	0	678	609
66	UKAI TPS	2662	0	2662	3095	3478	0	3478	3434	3696	131	3827	3769	1129	0	1129	1091
67	WANAKBORI TPS	3450	0	3450	4266	7524	0	7524	7569	7513	130	7642	7535	2407	0	2407	2061
68	MUNDRA UMTTP	0	9819	9819	10304	0	4366	4366	3635	0	4397	4397	4851	0	1202	1202	1560
69	SALAYA TPP	0	2227	2227	2227	0	0	0	0	0	1280	1280	1017	0	667	667	506
70	MUNDRA TPS	0	13811	13811	13960	0	6515	6515	6583	0	0	0	0	0	0	0	0
71	MUNDRA TPS-I & II	0	0	0	0	0	0	0	0	0	3222	3222	3263	0	282	282	280
72	MUNDRA TPS-III	0	0	0	0	0	0	0	0	0	2278	2278	2215	0	1860	1860	1808
73	AMARKANTAK EXT TPS	949	0	949	999	984	0	984	982	939	0	939	897	240	0	240	279
74	SANJAY GANDHI TPS	5800	0	5800	5813	4903	0	4903	5108	6308	0	6308	6059	1382	0	1382	1521
75	SATPURA TPS	2573	0	2573	3178	2049	0	2049	2255	2558	0	2558	2419	576	0	576	620
76	SHREE SINGAJI TPP	3768	0	3768	4049	6817	0	6817	6884	9541	0	9541	9461	2422	0	2422	2328
77	VINDHYACHAL STPS	24884	0	24884	25063	24719	0	24719	24072	23874	41	23915	23816	5888	0	5888	6052
78	GADARWARA TPP	2794	0	2794	2581	4926	173	5099	5132	5015	1077	6092	5848	955	207	1162	1233
79	KHARGONE STPP	2641	0	2641	2538	3757	0	3757	3846	2770	780	3550	3631	826	130	956	939
80	BINA TPS	1082	0	1082	1316	1816	0	1816	1812	2194	0	2194	2125	570	0	570	585

81	ANUPPUR TPP	4637	0	4637	4510	5496	0	5496	5428	5230	262	5491	5455	1533	0	1533	1549
82	SASAN UMTTP	17832	0	17832	18218	18159	0	18159	18304	16401	0	16401	16471	3998	0	3998	4130
83	NIGRI TPP	4252	0	4252	4512	5015	0	5015	4969	5262	0	5262	4792	1369	0	1369	1555
84	MAHAN TPP	1969	0	1969	2217	2383	0	2383	2380	2892	212	3104	2671	1006	0	1006	1155
85	SEIONI TPP	2588	0	2588	2597	2517	0	2517	2299	2674	0	2674	2610	641	0	641	728
86	BHUSAWAL TPS	3365	0	3365	3746	4747	0	4747	4745	5070	684	5755	5677	1787	16	1803	1610
87	CHANDRAPUR(MAHARASHTRA) STPS	12338	0	12338	12628	11654	0	11654	11804	11083	1488	12571	11940	2926	92	3018	3482
88	KHAPARKHEDA TPS	6479	1	6479	6878	6230	0	6230	6205	6213	543	6755	6614	1638	50	1687	1657
89	KORADI TPS	6308	0	6308	6634	8509	0	8509	8519	9155	548	9703	9360	2285	0	2285	2469
90	NASIK TPS	416	0	416	593	1650	0	1650	1678	2258	206	2464	2491	736	12	748	645
91	PARLI TPS	1629	0	1629	1786	1937	0	1937	1966	3020	0	3020	3007	891	0	891	813
92	PARAS TPS	2439	0	2439	2627	1986	0	1986	1998	2383	0	2383	2377	720	0	720	652
93	TIRORA TPS	11334	0	11334	11470	14095	0	14095	14183	14871	73	14943	14512	3649	0	3649	3778
94	DAHANU TPS	1029	404	1432	1781	1792	0	1792	2005	1973	251	2224	2203	575	0	575	592
95	BUTIBORI TPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
96	AMRAVATI TPS	1208	0	1208	1701	5479	0	5479	5779	5734	12	5746	5875	1656	0	1656	1643
97	GMR WARORA TPS	2324	0	2324	2500	2331	0	2331	2319	2701	37	2739	2760	797	0	797	741
98	MAUDA TPS	3960	309	4270	4521	7075	1041	8116	8668	8790	1462	10252	10036	2274	364	2638	2394
99	JSW RATNAGIRI TPP	0	1278	1278	1589	0	749	749	734	0	318	318	305	0	195	195	218
100	WARDHA WARORA TPP	1358	0	1358	1361	1479	0	1479	1460	1788	22	1811	1876	677	0	677	654
101	DHARIWAL TPP	2496	0	2496	2745	2733	0	2733	2721	2737	87	2824	2796	857	0	857	796
102	TROMBAY TPS	0	1688	1688	1673	0	2244	2244	2309	0	2204	2204	2191	0	757	757	662
103	SOLAPUR STPS	2235	0	2235	2340	2590	89	2679	3172	3263	763	4026	3872	849	32	880	959
104	MIHAN TPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	BELA TPS	0	0	0	0	0	0	0	0	387	0	387	362	257	0	257	269
106	Dr. N.TATA RAO TPS	6176	0	6176	6650	9076	0	9076	9221	9271	0	9271	9340	2705	0	2705	2641
107	RAYALASEEMA TPS	1304	0	1304	1665	5052	0	5052	5123	7154	0	7154	7116	2054	0	2054	2059
108	SIMHADRI	5906	142	6048	6365	9114	3	9117	8939	8426	1302	9728	9764	1846	276	2123	1949
109	DAMODARAM SANJEEVAIAH TPS	2964	819	3783	4028	3677	0	3677	3632	3917	75	3992	3944	1509	336	1844	1909
110	SIMHAPURI TPS	0	0	0	0	0	0	0	0	0	61	61	61	0	150	150	150
111	THAMMINAPATNAM TPS	0	0	0	0	0	294	294	305	0	0	0	0	0	0	0	0
112	VIZAG TPP	965	0	965	821	95	0	95	210	3819	56	3875	3815	936	168	1104	1074
113	PAINAMPURAM TPP	2957	2205	5161	5263	3905	1833	5738	5652	4258	1476	5734	5598	1110	544	1654	1574
114	SGPL TPP	0	4523	4523	4726	807	3368	4175	4186	1525	3590	5116	4807	574	827	1401	1409
115	RAICHUR TPS	2127	0	2127	2646	4807	0	4807	4738	5250	11	5261	5310	1709	0	1709	1711
116	BELLARY TPS	1487	0	1487	1993	4370	0	4370	4369	5628	21	5650	5574	1907	0	1907	1887
117	UDUPI TPP	0	852	852	988	20	602	622	727	0	692	692	650	39	377	415	432
118	TORANGALLU TPS(SBU-II)	0	590	590	582	0	877	877	862	0	891	891	854	0	286	286	260
119	TORANGALLU TPS(SBU-I)	0	239	239	239	0	476	476	476	0	679	679	679	0	152	152	152
120	KUDGI STPP	3078	128	3206	2883	3481	240	3721	3983	5861	1349	7210	7019	1604	348	1952	1989

121	YERMARUS TPP	1847	0	1847	1981	3239	0	3239	3288	3266	0	3266	3089	1068	0	1068	1148
122	METTUR TPS	2447	202	2649	2760	3839	19	3858	3880	4560	0	4560	4417	1164	0	1164	1245
123	NORTH CHENNAI TPS	6057	483	6540	6538	9238	135	9373	7527	7492	766	8258	8039	2123	551	2674	2580
124	TUTICORIN TPS	3076	235	3310	3439	4553	0	4553	4599	5498	0	5498	5229	1389	0	1389	1544
125	METTUR TPS - II	784	208	992	1077	2092	57	2149	2163	2108	345	2454	2360	463	326	789	776
126	VALLUR TPP	3232	0	3232	3226	5893	0	5893	5971	7141	380	7521	7288	1526	228	1754	1623
127	MUTHIARA TPP	0	1509	1509	1464	4	756	760	802	75	1663	1738	1568	0	746	746	893
128	NTPL TUTICORIN TPP	3215	72	3287	3476	2912	0	2912	2983	3983	661	4645	4441	994	76	1070	1129
129	ITPCL TPP	0	2169	2169	2378	0	1624	1624	1635	0	1558	1558	1327	0	725	725	1011
130	TUTICORIN (P) TPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	TUTICORIN TPP ST-IV	0	0	0	0	0	0	0	0	27	410	437	471	0	266	266	260
132	BHADRADRI TPP	1135	0	1135	1133	3630	0	3630	3558	4468	0	4468	4409	1284	0	1284	1261
133	RAMAGUNDEM STPS	10103	0	10103	10516	10792	0	10792	10808	10200	764	10964	10732	2763	0	2763	2780
134	KAKATIYA TPS	3348	0	3348	3384	4102	0	4102	4123	4772	0	4772	4419	1094	0	1094	1191
135	RAMAGUNDEM-B TPS	206	0	206	210	203	0	203	208	197	0	197	201	58	0	58	65
136	KOTHAGUDEM TPS (NEW)	3832	0	3832	4109	4191	0	4191	4212	5190	0	5190	5038	1130	0	1130	1231
137	KOTHAGUDEM TPS (STAGE-7)	2719	0	2719	2794	2877	0	2877	2904	2254	0	2254	2227	827	0	827	785
138	SINGARENI TPP	4216	0	4216	4329	5376	0	5376	5411	5416	0	5416	5402	1312	0	1312	1247
139	MUZAFFARPUR TPS	1928	0	1928	1885	2063	0	2063	2066	1967	0	1967	1985	539	0	539	524
140	KAHALGAON TPS	10886	0	10886	10643	11528	0	11528	11974	10259	770	11029	10881	2742	57	2799	2961
141	BARH I	0	0	0	0	762	0	762	766	459	0	459	488	0	0	0	0
142	BARH II	0	0	0	0	5015	0	5015	4889					0	0	0	0
143	BARH STPS	5110	0	5110	5362	0	0	0	0	7917	309	8226	8079	2055	44	2098	2248
144	BARAUNI TPS	841	0	841	877	1618	0	1618	1525	2408	0	2408	2451	715	0	715	711
145	NABINAGAR TPP	3059	0	3059	3086	3970	0	3970	3951	4715	232	4947	4909	1157	34	1191	1274
146	NABINAGAR STPP	3025	0	3025	2793	5051	0	5051	4950	7162	464	7626	7762	2428	67	2495	2335
147	CHANDRAPURA(DVC) TPS	1831	0	1831	1972	2324	0	2324	2352	2100	194	2294	2241	401	0	401	549
148	TENUGHAT TPS	1654	0	1654	1592	1065	0	1065	1274	2060	0	2060	1893	350	0	350	426
149	BOKARO TPS `A` EXP	1842	0	1842	1854	1782	0	1782	1730	2004	98	2103	2202	606	0	606	566
150	MAITHON RB TPP	3920	0	3920	3993	4640	0	4640	4578	4437	0	4437	4351	1251	0	1251	1139
151	KODARMA TPP	4457	0	4457	4403	4265	0	4265	4299	4318	453	4771	4613	1106	72	1177	1153
152	NORTH KARANPURA TPP	0	0	0	0	0	0	0	0	173	0	173	274	1021	0	1021	834
153	MAHADEV PRASAD STPP	1955	0	1955	2043	2526	0	2526	2533	2436	31	2467	2391	438	0	438	429
154	JOJOBERA TPS	887	0	887	881	1057	0	1057	1084	1212	0	1212	1190	285	0	285	320
155	IB VALLEY TPS	7137	0	7137	7221	8145	0	8145	8015	8787	0	8787	8748	2433	0	2433	2384
156	DARLIPALI STPS	3528	0	3528	3376	6559	0	6559	6390	8378	0	8378	8368	2483	0	2483	2239
157	TALCHER (OLD) TPS	2864	0	2864	3105	0	0	0	0	0	0	0	0	0	0	0	0
158	TALCHER STPS	16182	447	16629	16693	16886	131	17017	17058	15751	579	16330	16491	3989	77	4066	4331
159	VEDANTA TPP	2342	0	2342	2356	1749	0	1749	1731	2725	0	2725	2623	499	0	499	517
160	KAMALANGA TPS	5273	0	5273	5167	5466	0	5466	5458	4905	196	5100	5124	1458	35	1493	1362
161	DERANG TPP	4462	0	4462	4193	6500	0	6500	5862	4853	41	4894	5542	1491	0	1491	1540

162	UTKAL TPP (IND BARATH)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
163	DURGAPUR TPS	7	0	7	109	188	0	188	251	369	0	369	158	0	0	0	0
164	BAKRESWAR TPS	4559	0	4559	4686	4890	0	4890	5134	4921	0	4921	4922	1153	0	1153	1219
165	MEJIA TPS	8383	0	8383	8463	9637	3	9640	9856	9758	605	10363	10804	2330	110	2441	2587
166	BANDEL TPS	762	0	762	807	1308	0	1308	1380	1405	0	1405	1412	321	0	321	323
167	D.P.L. TPS	1690	0	1690	1788	1581	0	1581	1775	1651	0	1651	1751	576	0	576	559
168	KOLAGHAT TPS	1266	0	1266	1385	3216	0	3216	3391	4003	0	4003	4038	938	0	938	951
169	SAGARDIGHI TPS	5925	0	5925	6066	7162	0	7162	7298	7792	0	7792	7835	1948	0	1948	1976
170	SANTALDIH TPS	2302	0	2302	2293	2593	0	2593	2778	2718	0	2718	2850	583	0	583	652
171	BUDGE BUDGE TPS	3111	12	3123	3178	3294	0	3294	3235	3252	10	3262	3228	884	0	884	928
172	SOUTHERN REPL. TPS	59	0	59	64	144	0	144	131	408	0	408	382	120	0	120	164
173	TITAGARH TPS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	FARAKKA STPS	8043	0	8043	8184	7844	30	7874	8115	7031	761	7792	7654	2343	111	2454	2355
175	DURGAPUR STEEL TPS	3647	0	3647	3744	4012	16	4028	4122	4194	425	4619	4593	1207	58	1265	1188
176	HALDIA TPP	2708	0	2708	2811	2871	0	2871	2939	3026	50	3076	3030	847	0	847	847
177	RAGHUNATHPUR TPP	3093	0	3093	3284	3922	0	3922	3980	3427	316	3743	3700	1373	19	1392	1174
178	HIRANMAYE TPP	90	0	90	90	884	0	884	860	1455	0	1455	1482	302	0	302	256
179	BONGAIGAON TPP	1427	0	1427	1706	2416	0	2416	2491	2974	141	3115	2988	772	11	784	799
180	CHAKABURA TPP	0	0	0	0	220	0	220	221	475	0	475	474	179	0	179	184
181	KASAIPALLI TPP	0	0	0	0	1475	0	1475	1534	1296	0	1296	1156	598	0	598	503
182	KATGHORA TPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	RATIJA TPS	0	0	0	0	920	0	920	928	744	0	744	728	228	0	228	231
184	SVPL TPP	0	0	0	0	0	0	0	0	0	0	0	0	42	0	42	27
185	SWASTIK KORBA TPP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
186	NIWARI TPP	0	0	0	0	245	0	245	245	383	0	383	383	133	0	133	121
187	GEPL TPP Ph-I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		550795	45481	596276	615431	667638	26998	694635	697340	731652	55635	787287	776790	196773	14207	210980	212231
