

**ABSTRACT OF STATEWISE/SYSTEMWISE/CONSTITUENTWISE ENERGY REQUIREMENT- vs- AVAILABILITY
IN EASTERN REGION FOR THE PERIOD FROM APRIL-2020 TO MARCH-2021**

(ALL FIGURES IN MU & NET)

SL.NO	PARTICULARS	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	TOTAL 2019-20
1	BIHAR													
i)	NET ENERGY REQUIREMENT	2915	3380	3500	3400	3790	3685	3125	2550	2570	2820	2400	2810	36945
ii)	NET ENERGY AVAILABILITY- Own	237	210	188	222	220	250	272	263	299	314	276	302	3053
iii)	Central Sector+Bi-Lateral	2147	2364	2386	2718	2754	2637	2533	2413	2399	2608	2149	2495	29602
iv)	SURPLUS(+)/DEFICIT(-)	-531	-806	-926	-460	-816	-797	-319	126	129	102	24	-13	-4289
2	JHARKHAND													
i)	NET ENERGY REQUIREMENT	850	860	860	870	850	840	850	830	840	850	800	860	10159
ii)	NET ENERGY AVAILABILITY- Own Source	198	208	205	232	243	219	233	213	217	150	126	134	2377
iii)	Central Sector+Bi-Lateral+IPP	507	561	579	654	697	669	635	539	521	562	488	545	6956
iv)	SURPLUS(+)/DEFICIT(-)	-144	-92	-76	15	91	48	18	-78	-102	-138	-186	-181	-826
3	DVC													
i)	NET ENERGY REQUIREMENT (OWN)	2010	2090	1990	2025	1950	1860	1920	1915	2000	2065	1810	2080	23715
ii)	NET ENERGY AVAILABILITY- OWN SOURCE	3128	3334	3202	3235	3399	3279	3503	3427	3416	3357	3019	3484	39783
iii)	Central Sector+MPL	214	277	278	372	372	357	331	268	283	275	246	276	3550
iv)	Bi- lateral export by DVC	1478	1540	1393	1355	1245	1143	1115	1188	1215	1565	1524	1690	16451
v)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	-146	-19	96	227	576	633	800	592	484	2	-69	-9	3168
4	ODISHA													
i)	NET ENERGY REQUIREMENT	2745	2970	2935	2855	3255	3020	3315	2865	2560	2730	2530	2940	34720
ii)	NET ENERGY AVAILABILITY- OWN+IPP+CPP	2248	2333	2177	2207	2504	2517	2451	2004	2116	2106	1901	2261	26824
iii)	Central Sector	940	1063	1060	1153	1422	1344	1347	1136	1118	1263	1112	1210	14169
iv)	SURPLUS(+)/DEFICIT(-)	443	426	302	506	670	842	483	275	674	639	483	530	6273
5	WEST BENGAL													
5.1	WSEEDCL													
i)	WSEEDCL'S OWN REQUIREMENT	3903	4290	4285	4380	4330	4015	3480	2750	2730	3015	3000	3875	44052
ii)	SUPPLY TO IPCL	61	64	60	62	62	60	62	58	59	59	57	62	726
iii)	TOTAL WSEEDCL's Energy Requirement (incl.B'Desh+Sikkim+IPCL)	4112	4507	4496	4598	4548	4226	3698	2959	2945	3078	3060	3941	46167
iv)	NET ENERGY AVAILABILITY- OWN SOURCE	2522	2539	2531	2549	2262	2436	2811	2391	2538	2686	2399	2726	30389
v)	Contribution from DPL	322	334	322	334	334	322	334	322	284	275	301	334	3816
vi)	Central Sector+Bi-lateral+IPP&CPP+TLDP	1342	1566	1731	2063	2151	1971	1822	1412	1304	1352	1226	1383	19324
vii)	EXPORT (TO B'DESH & SIKKIM)	148	153	151	156	156	151	156	151	156	4	3	4	#REF!
viii)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	74	-69	88	348	199	504	1268	1167	1181	1235	865	502	7363
5.2	CESC													
i)	NET ENERGY REQUIREMENT	1049	1250	1205	1195	1075	1080	970	790	695	685	669	855	11518
ii)	NET ENERGY AVAILABILITY - Own Source	526	558	537	554	533	527	523	393	324	438	423	501	5837
iii)	FROM OTHER SOURCE (INCL. IPP/CPP-29-30 MU/M)	157	294	282	245	161	180	118	88	59	70	69	54	1777
iv)	FROM HEL	366	398	386	396	381	373	329	309	312	177	177	300	3904
v)	TOTAL AVAILABILITY OF CESC	1049	1250	1205	1195	1075	1080	970	790	695	685	669	855	11518
vi)	SURPLUS(+)/DEFICIT(-)	0	0	0	0	0	0	0	0	0	0	0	0	0
6	WEST BENGAL (WSEEDCL+DPL+CESC) (excluding DVC's supply to WSEEDCL's command area)													
i)	NET ENERGY REQUIREMENT	5013	5604	5550	5637	5467	5155	4512	3598	3484	3759	3726	4792	56296
ii)	NET POWER AVAILABILITY- Own Source	3370	3430	3390	3436	3128	3285	3668	3106	3146	3398	3123	3561	40042
iii)	CS SHARE-BILATERAL+IPP/CPP+TLDP+HEL	1865	2258	2399	2704	2693	2524	2269	1809	1675	1599	1472	1737	25005
iv)	SURPLUS(+)/DEFICIT(-) BEFORE WSEEDCL'S EXP.	222	84	239	504	355	655	1424	1318	1337	1239	868	506	8752
v)	SURPLUS(+)/DEFICIT(-) AFTER WSEEDCL'S EXP.	74	-69	88	348	199	504	1268	1167	1181	1235	865	502	#REF!
7	SIKKIM													
i)	NET ENERGY REQUIREMENT	51	46	46	48	45	45	50	62	62	63	65	58	642
ii)	NET POWER AVAILABILITY- Own Source	3	3	3	3	3	3	3	1	1	1	1	2	27
iii)	Central Sector	84	103	112	123	131	127	118	87	77	84	72	83	1201
iv)	SURPLUS(+)/DEFICIT(-)	36	60	69	78	89	85	71	25	16	21	8	27	586
8	EASTERN REGION													
i)	NET ENERGY REQUIREMENT OF ER	13583	14950	14882	14835	15357	14604	13772	11820	11516	12288	11330	13540	162477
ii)	BILATERAL EXPORT BY DVC	1478	1540	1393	1355	1245	1143	1115	1188	1215	1565	1524	1690	16451
iii)	EXPORT BY WSEEDCL	148	153	151	156	156	151	156	151	156	4	3	4	#REF!
iv)	NET TOTAL ENERGY AVAILABILITY OF ER (INCLUDING CS ALLOCATION +BILATERAL+IPP/CPP+HEL)	14941	16143	15979	17060	17566	17213	17363	15266	15268	15717	13984	16090	192591
v)	ENERGY SURPLUS(+)/DEFICIT(-) OF ER AFTER EXPORT (v = iv - i - ii - iii) ERPC/LGBR 20-21	-268	-500	-447	714	808	1315	2321	2108	2381	1861	1126	856	#REF!

ERPC:KOLKATA

Proposed Maintenance Schedule of Thermal Generating Units of ER during 2020-21
(as finalised in draft LGBR meeting held on 06.12.2019)

System	Station	Unit	Capacity (MW)	Period		No. of Days	Reason	
				From	To			
BSPHCL	MTPS STG-I	1	110	10.06.20	05.07.20	26	Annual Overhauling	
	Barauni TPS Stg-I	7	110	23.11.20	17.12.20	25	Boiler Overhauling	
TVNL	Tenughat TPS	1	210	20.01.21	24.02.21	36	Annual Overhauling	
		2	210	10.03.21	31.03.21	22	Annual Overhauling	
DVC	Koderma TPS	1	500	01.04.20	11.05.20	41	COH(Blr,FGD&DeNOX Burner,Turb,Gen)	
	Mezija TPS	2	210	03.04.20	13.05.20	41	COH(Blr-RLA&Turb-RLA,Gen)	
	BTPS-A	1	500	20.05.20	24.06.20	35	BOH,FGD& De-Nox Burner	
	Mejia TPS	4	210	17.06.20	27.07.20	41	COH(Blr&Turb-RLA,Gen)	
	Mejia TPS	8	500	01.07.20	05.08.20	36	BOH,FGD& De-Nox Burner	
	DSTPS	2	500	12.08.20	21.09.20	41	COH(Blr,FGD&DeNOX Burner,Turb,Gen)	
	Mejia TPS	5	250	26.10.20	20.11.20	26	BOH& Gen. (As agreed)	
	CTPS	8	250	28.11.20	07.01.21	41	COH(Blr,Turb,Gen)	
	RTPS	1	600	14.01.21	18.02.21	36	AOH,Blr,FGD,De-Nox Burner,LPT,Gen.	
	Mezija TPS	6	250	25.02.21	19.03.21	23	BOH	
ODISHA	TTPS	1	60	30.05.20	16.06.20	18	AOH	
		1	60	12.07.20	13.07.20	2	Short Maintenance	
		2	60	14.06.20	13.07.20	30	AOH	
		3	60	21.08.20	07.09.20	18	AOH	
		4	60	13.09.20	22.10.20	40	AOH	
		5	110	07.11.20	01.12.20	25	AOH	
	IB TPS	6	110	05.01.21	29.01.21	25	AOH	
		1	210	10.11.20	30.11.20	21	AOH	
		2	210	07.07.20	31.07.19	25	AOH	
		3	660				NO MAINTENANCE	
		4	660				NO MAINTENANCE	
		1	210	07.06.18	30.06.20	91	R&M in PROGRESS	
WBPDCCL	Kolaghat TPS	2	210	10.05.20	19.05.20	10	Boiler License renewal	
		3	210	02.01.21	15.02.21	45	AOH/Boiler Overhauling	
		4	210	01.02.21	10.02.21	10	Boiler License renewal	
		5	210	17.02.21	16.03.21	28	AOH/Boiler Overhauling	
		6	210	22.08.20	31.08.20	10	Boiler License renewal	
		2	210	20.07.20	28.08.20	40	Capital Overhauling	
	Bakreswar TPS	1	210	01.11.20	10.11.20	10	Boiler License renewal	
		3	210	25.11.20	22.12.20	28	AOH/Boiler Overhauling	
		4	210	01.07.20	10.07.20	10	Boiler License renewal	
	Bandel TPS	5	210	11.06.20	20.06.20	10	Boiler License renewal	
		5	215	01.11.20	15.12.20	45	AOH/Boiler Overhauling	
		5	250	01.12.20	10.12.20	10	Boiler License renewal	
	Santalidih TPS	6	250	01.09.20	28.09.20	28	Capital Overhauling	
		1	300	22.08.20	31.08.20	10	Boiler License renewal	
		2	300	06.08.20	30.08.20	25	AOH/Boiler Overhauling	
	Sagarighi TPS	4	500	01.11.20	10.11.20	10	Boiler License renewal	
		1	250	17.11.20	06.12.20	20	Not Specified	
		2	250	08.12.20	14.12.20	7	Not Specified	
	CESC	BUDGE-BUDGE	3	250	16.12.20	04.01.21	20	Not Specified
			1	60	02.01.21	16.01.21	15	Not Specified
2			60	18.01.21	21.01.21	4	Not Specified	
TITAGARH		3	60	11.12.20	14.12.20	4	Not Specified	
		4	60	16.12.20	30.12.20	15	Not Specified	
		1	67.5	06.08.20	09.08.20	4	Not Specified	
SOUTHERN		2	67.5	15.08.20	03.09.20	20	Not Specified	
		1	300				NO MAINTENANCE	
HEL	HALDIA	2	300	06.01.21	19.02.21	45	Not Specified	
DPL	DPPS	7	300	01.01.21	10.01.21	10	Tit bit maintenance	
		8	250	01.12.20	10.12.20	10	Tit bit maintenance	
NTPC	FSTPP	2	200	01.04.20	15.05.20	45	Boiler +DDCMIS R&M+HP+IP+Critical piping (As agreed)	
		4	500	23.11.20	22.12.20	30	Boiler	
	KhSTPS	1	210	26.11.20	30.12.20	35	Boiler+Turbine+R&M	
		3	210	01.06.20	30.06.20	30	Boiler+ R&M	
		5	500	01.04.20	05.05.20	35	Boiler +HPT+IPT	
		6	500	01.09.20	05.10.20	35	Boiler +HPT+IPT	
	Barh	5	660	21.03.20	04.04.20	15	Boiler Approved Schedule	
		5	660	15.02.21	05.05.21	80	Boiler Modification	
	TSTPS	2	500	26.10.20	09.12.20	45	COH (As agreed)	
		5	500	05.06.20	04.07.20	30	BOILER+GEN	
		6	500	25.07.20	07.09.20	45	GEN+NOX+FGD	
		3	195	15.02.21	12.03.21	26	AOH	
		4	195	09.03.20	13.04.20	35	AOH	
BRBCL	Nabinagar TPS	3	250	01.04.20	10.05.20	40	Abnormal sound from Generator,Boiler License renewal,LP Turbine inspection,Rotor threading	
		2	250	25.05.20	29.06.20	36	Boiler License renewal,LP Turbine inspection,Rotor threading,Generator inspection	
NPCC	Nabinagar STPS						No Maintenance	
	GMR	2	350	06.01.21	04.02.21	30	Turbine Overhauling	
		3	350	09.02.21	10.03.21	30	Turbine Overhauling	
	JITPL	1	600				No planned maintenance	
		2	600				No planned maintenance	
	MPL	1	525	15.11.20	29.12.20	45	COH (As agreed)	
	APNRL	1	270	01.07.20	14.08.20	45	COH	
2		270				No planned maintenance		

ERPC-KOLKATA										Total outage (MW)	Sector	(MW)	
Proposed Maintenance Schedule of Thermal Generating Units of ER during 2020-21													
Month	System	Station	Unit	Capacity (MW)	From	To	No. of Days in the Month	Reason					
Apr-20	DVC	Koderma TPS	1	500	01.04.20	11.05.20	30	COHBr.FGD&SNOX Burner,Turb.Gen		800	State	906	
			2	210	03.04.20	13.05.20	28	COHBr.RL&R-Turb-RLA,Gen		196			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	30	RAM		210			
			2	195	06.05.20	13.06.20	13	AOH		85	Central	1123	
	NTPC	MTPS STR-I	2	200	01.04.20	15.05.20	30	Boiler -DDCMS R&M-HPT-IP-Critical piping		200			
			3	500	01.04.20	05.05.20	30	Boiler -HPT-IPPT		500			
	WBPDCL	BRRL Nabinagar TPS	5	660	21.03.20	04.04.20	4	Boiler Approved Schedule		88			
			2	250	01.04.20	10.05.20	30	Also covered from the contract of 27 days in the month		250			
	Total outage MW										2029		2029
	May-20	DVC	Koderma TPS	1	500	01.04.20	11.05.20	11	COHBr.RL&R-Turb-RLA,Gen		177	State	741
2				210	03.04.20	13.05.20	13	COHBr.RL&R-Turb-RLA,Gen		88			
WBPDCL		Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
NTPC		MTPS STR-I	1	110	10.05.20	19.05.20	10	Boiler License renewal		68			
			2	200	01.04.20	15.05.20	15	Boiler -DDCMS R&M-HPT-IP-Critical piping		97	Central	315	
WBPDCL		KISTPS	5	500	01.04.20	05.05.20	5	Boiler -HPT-IPPT		81			
			3	250	01.04.20	10.05.20	10	Also covered from the contract of 27 days in the month		81			
WBPDCL		BRRL Nabinagar TPS	5	250	01.04.20	10.05.20	10	Also covered from the contract of 27 days in the month		56			
			2	250	25.05.20	29.06.20	7	Boiler License renewal of 7 units in the month		56			
Total outage MW										1055		1055	
Jun-20	DVC	BTPS A	1	500	20.05.20	24.06.20	24	BORLFGDM De-Nox Burner		400	State	921	
			2	210	17.06.20	27.07.20	14	COHBr&R-Turb-RLA,Gen		98			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
	NTPC	MTPS STR-I	1	110	10.05.20	06.07.20	21	AOH		34			
			2	200	01.04.20	15.05.20	15	Boiler License renewal		77			
	WBPDCL	KISTPS	5	210	11.06.20	30.06.20	10	Boiler License renewal		210			
			3	210	01.06.20	30.06.20	30	Boiler R&M		210	Central	885	
	WBPDCL	TSTPS-II	5	500	05.06.20	04.07.20	26	BOILER-GEN		433			
			2	250	25.05.20	29.06.20	29	Boiler License renewal of 7 units in the month		242			
Total outage MW										1806		1806	
Jul-20	DVC	Koderma TPS	1	500	01.04.20	11.05.20	5	COHBr&R-Turb-RLA,Gen		18	State	1045	
			2	210	17.06.20	27.07.20	27	BORLFGDM De-Nox Burner		183			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
	NTPC	MTPS STR-I	1	110	10.05.20	11.07.20	17	AOH		34			
			2	200	01.04.20	15.05.20	15	Boiler License renewal		77			
	WBPDCL	KISTPS	5	210	11.06.20	30.06.20	10	Boiler License renewal		210			
			3	210	01.06.20	30.06.20	30	Boiler R&M		210	Central	885	
	WBPDCL	TSTPS-II	5	500	05.06.20	04.07.20	26	BOILER-GEN		433			
			2	250	25.05.20	29.06.20	29	Boiler License renewal of 7 units in the month		242			
Total outage MW										1495		1495	
Aug-20	DVC	BTPS A	1	500	20.05.20	24.06.20	24	BORLFGDM De-Nox Burner		400	State	1076	
			2	210	17.06.20	27.07.20	27	COHBr&R-Turb-RLA,Gen		98			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
	NTPC	MTPS STR-I	1	110	10.05.20	11.07.20	17	AOH		34			
			2	200	01.04.20	15.05.20	15	Boiler License renewal		77			
	WBPDCL	KISTPS	5	210	11.06.20	30.06.20	10	Boiler License renewal		210			
			3	210	01.06.20	30.06.20	30	Boiler R&M		210	Central	885	
	WBPDCL	TSTPS-II	5	500	05.06.20	04.07.20	26	BOILER-GEN		433			
			2	250	25.05.20	29.06.20	29	Boiler License renewal of 7 units in the month		242			
Total outage MW										1806		1806	
Sep-20	DVC	BTPS A	1	500	20.05.20	24.06.20	24	BORLFGDM De-Nox Burner		400	State	1076	
			2	210	17.06.20	27.07.20	27	COHBr&R-Turb-RLA,Gen		98			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
	NTPC	MTPS STR-I	1	110	10.05.20	11.07.20	17	AOH		34			
			2	200	01.04.20	15.05.20	15	Boiler License renewal		77			
	WBPDCL	KISTPS	5	210	11.06.20	30.06.20	10	Boiler License renewal		210			
			3	210	01.06.20	30.06.20	30	Boiler R&M		210	Central	885	
	WBPDCL	TSTPS-II	5	500	05.06.20	04.07.20	26	BOILER-GEN		433			
			2	250	25.05.20	29.06.20	29	Boiler License renewal of 7 units in the month		242			
Total outage MW										1495		1495	
Oct-20	DVC	BTPS A	1	500	20.05.20	24.06.20	24	BORLFGDM De-Nox Burner		400	State	1076	
			2	210	17.06.20	27.07.20	27	COHBr&R-Turb-RLA,Gen		98			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
	NTPC	MTPS STR-I	1	110	10.05.20	11.07.20	17	AOH		34			
			2	200	01.04.20	15.05.20	15	Boiler License renewal		77			
	WBPDCL	KISTPS	5	210	11.06.20	30.06.20	10	Boiler License renewal		210			
			3	210	01.06.20	30.06.20	30	Boiler R&M		210	Central	885	
	WBPDCL	TSTPS-II	5	500	05.06.20	04.07.20	26	BOILER-GEN		433			
			2	250	25.05.20	29.06.20	29	Boiler License renewal of 7 units in the month		242			
Total outage MW										1806		1806	

ERPC-KOLKATA										Total outage (MW)	Sector	(MW)	
Proposed Maintenance Schedule of Thermal Generating Units of ER during 2020-21													
Month	System	Station	Unit	Capacity (MW)	From	To	No. of Days in the Month	Reason					
Oct-20	DVC	Koderma TPS	1	500	01.04.20	11.05.20	30	COHBr.FGD&SNOX Burner,Turb.Gen		800	State	906	
			2	210	03.04.20	13.05.20	28	COHBr.RL&R-Turb-RLA,Gen		196			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	30	RAM		210			
			2	195	06.05.20	13.06.20	13	AOH		85	Central	1123	
	NTPC	MTPS STR-I	2	200	01.04.20	15.05.20	30	Boiler -DDCMS R&M-HPT-IP-Critical piping		200			
			3	500	01.04.20	05.05.20	30	Boiler -HPT-IPPT		500			
	WBPDCL	BRRL Nabinagar TPS	5	660	21.03.20	04.04.20	4	Boiler Approved Schedule		88			
			2	250	01.04.20	10.05.20	30	Also covered from the contract of 27 days in the month		250			
	Total outage MW										2029		2029
	Nov-20	DVC	Koderma TPS	1	500	01.04.20	11.05.20	11	COHBr.RL&R-Turb-RLA,Gen		177	State	741
2				210	03.04.20	13.05.20	13	COHBr.RL&R-Turb-RLA,Gen		88			
WBPDCL		Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
NTPC		MTPS STR-I	1	110	10.05.20	19.05.20	10	Boiler License renewal		68			
			2	200	01.04.20	15.05.20	15	Boiler -DDCMS R&M-HPT-IP-Critical piping		97	Central	315	
WBPDCL		KISTPS	5	500	01.04.20	05.05.20	5	Boiler -HPT-IPPT		81			
			3	250	01.04.20	10.05.20	10	Also covered from the contract of 27 days in the month		81			
WBPDCL		BRRL Nabinagar TPS	5	250	01.04.20	10.05.20	10	Also covered from the contract of 27 days in the month		56			
			2	250	25.05.20	29.06.20	7	Boiler License renewal of 7 units in the month		56			
Total outage MW										1055		1055	
Dec-20	DVC	BTPS A	1	500	20.05.20	24.06.20	24	BORLFGDM De-Nox Burner		400	State	921	
			2	210	17.06.20	27.07.20	14	COHBr&R-Turb-RLA,Gen		98			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
	NTPC	MTPS STR-I	1	110	10.05.20	06.07.20	21	AOH		34			
			2	200	01.04.20	15.05.20	15	Boiler License renewal		77			
	WBPDCL	KISTPS	5	210	11.06.20	30.06.20	10	Boiler License renewal		210			
			3	210	01.06.20	30.06.20	30	Boiler R&M		210	Central	885	
	WBPDCL	TSTPS-II	5	500	05.06.20	04.07.20	26	BOILER-GEN		433			
			2	250	25.05.20	29.06.20	29	Boiler License renewal of 7 units in the month		242			
Total outage MW										1806		1806	
Jan-21	DVC	Koderma TPS	1	500	01.04.20	11.05.20	5	COHBr&R-Turb-RLA,Gen		18	State	1045	
			2	210	17.06.20	27.07.20	27	BORLFGDM De-Nox Burner		183			
	WBPDCL	Kolkatah TPS	1	210	07.06.18	30.06.20	31	RAM		210			
			2	210	07.06.18	30.06.20	31	RAM		210			
	NTPC	MTPS STR-I	1	110	10.05.20	11.07.20	17	AOH		34			
			2	200	01.04.20	15.05.20	15	Boiler License renewal		77			
	WBPDCL	KIST											