

**EASTERN REGIONAL POWER COMMITTEE**  
**14 GOLF CLUB ROAD, TOLLYGUNGE, KOLKATA-700 033.**

**AGENDA OF LOAD GENERATION BALANCE REPORT (LGBR) FOR THE YEAR, 2019-2020 TO BE HELD ON 18.12.19 AT 11:00 HRS AT ERPC.**

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**ITEM NO. I      DETAILS OF PROPOSED UNITWISE MAINTENANCE PROGRAMME OF THERMAL GENERATING STATIONS IN ER (Refer- ANNEXURE-I)**

**ITEM NO. II     ABSTRACT OF SYSTEMWISE UNRESTRICTED ENERGY REQUIREMENT (MU) Refer- ANNEXURE-II)**

**ITEM NO. III    ABSTRACT OF SYSTEMWISE UNRESTRICTED PEAK DEMAND (MW) (Refer- ANNEXURE-III )**

**ITEM NO. IV     SCHEDULE OF COMMISSIONING OF NEW GENERATING UNITS IN THE CONSTITUENT SYSTEMS**

<b>System</b>	<b>Units</b>	<b>Capacity (MW)</b>	<b>Expected date of Test synchronization/ commercial operation</b>
<b>ODISHA</b>	<b>IBTPS U#3</b>	<b>660</b>	<b>01.04.2019</b>
	<b>IBTPS U#4</b>	<b>660</b>	<b>01.04.2019</b>
<b>BRBCL</b>	<b>Nabinagar</b>	<b>250</b>	<b>01.04.2019</b>
<b>BIHAR</b>	<b>BTPS U#8</b>	<b>250</b>	<b>01.04.2019</b>
<b>TOTAL</b>		<b>1820 MW</b>	

## ERPC:KOLKATA

**Proposed Maintenance Schedule of Thermal Generating Units of ER during 2019-20  
(as finalised in LGBR meeting dated 18.12.2018)**

System	Station	Unit	Capacity (MW)	Period		No. of Days	Reason	
				From	To			
Jharkhand	TVNL, Tenughat	1	210	15.07.19	10.08.19	27	Annual Overhauling	
		2	210	12.08.19	08.09.19	28	Annual Overhauling	
DVC	MTPS	1	210	11.12.19	15.01.20	36	COH (Blr,Turb-RLA,Gen.)	
		2	210	29.10.19	03.12.19	36	COH (Blr-RLA,Turb-RLA,Gen.)	
		3	210	25.06.19	30.07.19	36	COH (Blr-RLA,Turb-RLA,Gen.)	
		7	500	14.05.19	18.06.19	36	COH (Blr,Turb,Gen.)	
	CTPS	8	250	22.02.20	28.03.20	36	COH (Blr,Turb,Gen.)	
	DSTPS	1	500	16.08.19	20.09.19	36	COH (Blr,Turb,Gen.)	
ODISHA	TTPS	1	500	01.04.19	06.05.19	36	COH (Blr,Turb,Gen.)	
		1	60	01.02.20	15.02.20	15	AOH	
		2	60	25.06.19	09.07.19	15	AOH	
		3	60	20.07.19	03.08.19	15	AOH	
		4	60	13.08.19	27.08.19	15	AOH	
		5	110	09.09.19	28.09.19	20	AOH	
	IB TPS	6	110	09.10.19	28.10.19	20	AOH	
	1	210	11.07.19	31.07.19	21	AOH		
	2	210	06.06.19	30.06.19	25	AOH		
	3	660	01.12.19	25.12.19	25	AOH		
WBPDC	Kolaghat TPS	4	660				NO MAINTENANCE	
		1	210	06.07.18	30.06.19	91	R&M	
		2	210	01.08.19	31.03.20	122	R&M	
		4	210	01.02.20	15.03.20	44	Capital Overhauling	
		5	210	24.11.19	03.12.19	10	Boiler License renewal	
		6	210	16.10.19	12.11.19	28	Boiler Overhauling	
	Bakreswar TPS	1	210	16.11.19	05.12.19	20	Boiler Overhauling	
		2	210	18.08.19	27.08.19	10	Boiler License renewal	
		3	210	01.11.19	10.11.19	10	Boiler License renewal	
	Bandel TPS	4	210	01.07.19	15.08.19	46	COH	
		5	210	14.06.19	23.06.19	10	Boiler License renewal	
		1	60	16.06.19	14.08.19	60	Capital Overhauling	
		2	60	17.12.19	31.12.19	15	Boiler License renewal	
		5	210	12.11.19	21.11.19	10	Boiler License renewal	
		Santalidih TPS	5	250	08.08.19	11.09.19	35	Capital Overhauling
			6	250	15.09.19	24.09.19	10	Boiler License renewal
			Sagarighi TPS	1	300	12.07.19	15.08.19	35
		2		300	01.07.19	10.07.19	10	Boiler License renewal
3	500	26.04.19		05.05.19	10	Boiler License renewal		
4	500	20.12.19		29.12.19	9	Boiler License renewal		
CESC	BUDGE-BUDGE	1	250	10.11.19	14.11.19	4	Not Specified	
		2	250	16.11.19	30.11.19	15	Not Specified	
		3	250	02.12.19	19.12.19	18	Not Specified	
	TITAGARH	1	60	02.01.20	05.01.20		Not Specified	
		2	60	22.02.20	07.03.20		Not Specified	
		3	60	12.12.19	26.12.19		Not Specified	
		4	60	27.12.19	30.12.2019		Not Specified	
	SOUTHERN	1	67.5	01.01.20	15.01.20	15	Not Specified	
		2	67.5	17.01.20	20.01.20	4	Not Specified	
	HEL	HALDIA	1	300	21.12.19	03.02.20	45	AOH
DPL	DPPS	7	300	17.08.19	31.08.19	15	Boiler License renewal & Maintenance of Boiler	
		8	250	22.12.19	31.01.20	40	BTG OH	
NTPC	FSTPP	1	200	25.08.19	18.09.19	25	AOH	
		3	200	08.07.19	11.08.19	35	AOH	
		4	500	11.03.20	09.04.20	30	AOH	
		5	500	11.03.19	09.04.19	30	AOH	
		7	500	01.06.19	05.07.19	35	AOH	
	KhSTPP	1	210	16.08.19	19.09.19	35	AOH	
		2	210	10.11.19	09.12.19	30	AOH	
		4	210	10.07.19	08.08.19	30	AOH	
	Barh	7	500	01.06.19	25.06.19	25	AOH	
		4	660	01.03.19	04.05.19	65	Boiler Modification	
	TSTPS	5	660	01.03.20	04.05.20	65	AOH	
		1	500	22.07.19	25.08.19	35	AOH	
3		500	03.09.19	27.09.19	25	AOH		
4		500	21.06.19	15.07.19	25	AOH		
KBU NL	3	195	15.11.19	20.12.19	35	LP rotor inspection,Boiler OH & Com.Modifi/NOX		
	4	195	16.03.19	19.04.19	35	LP rotor inspection,Boiler OH		
BRBCL	Nabinagar TPP	1	250	26.07.19	19.08.19	25	LP turbine inspection,Rotor threading,Generator inspection.	
		2	250	16.04.19	30.04.19	15	Boiler and TG PG Test,Boiler License Renewal	
		3	250				No planned maintenance	
IPP	GMR	1	350	01.06.19	05.07.19	35	Turbine Overhauling	
		2	350				No planned maintenance	
		3	350				No planned maintenance	
	JITPL	1	600	01.04.19	05.05.19		AOH	
		2	600				No planned maintenance	
	MPL	1	525	01.04.19	30.04.19	30	AOH	
2	525	25.05.19	07.06.19	14	AOH			

ANNEXURE-II

ALL FIGS IN MU

FORECAST UNRESTRICTED REQUIREMENT (MU)

MONTH	BSPHCL		BUNVJ		DVC		ODISHA		WBSECL		DPL		CESC		SIKKIM		Eastern Region	
	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC	Actual Met (MU)	Forecast by ERPC
APRIL	2462	2600	680	727	1841	1725	2372	2664	3277	3629	201	194.0	955	980	585	50	11808	12576
MAY	2685	2700	732	783	1923	1805	2888	2790	3503	3511	209	210	1071	1103	1105	44	13036	12945
JUNE	2744	2800	702	751	1879	1770	2948	2642	3655	3494	210	208	1064	1105	1088	41	13122	12817
JULY	2821	2900	722	772	1931	1862	2635	2753	3007	3320	210	211	1055	1070	1088	42	13205	13270
AUGUST	2898	3000	746	798	1853	1780	3163	3321	3007	3691	212	199	1044	1060	1076	44	13387	13338
SEPTEMBER	2843	2900	733	784	1750	1730	2932	2592	3710	3741	203	193	1027	1080	1059	39	13216	13073
OCTOBER	2894	2850	730	782	1838	1760	3233	2604	3347	3413	200	196	944	985	973	49	13009	12642
NOVEMBER	2214	2850	686	733	1822	1720	2824	2545	2460	2450	189	186	744	775	767	55	12047	11577
DECEMBER	2223	2650	737	789	1800	1800	2381	2599	2599	2384	194	198	678	713	700	62	11017	10973
JANUARY	2679	2600	755	808	2040	1830	2122	2655	2827	2640	195	207	666	703	686	62	11832	11257
FEBRUARY	2720	2600	746	798	1859	1865	2451	2297	2849	2725	173	187	655	720	686	51	10950	11406
MARCH	31348	33150	8627	9231	22630	21245	32941	30910	36661	38657	203	212	907	972	936	49	13371	12855
TOTAL	2735	2821	771	821	22630	21245	32941	30910	36661	38657	203	212	907	972	936	49	13371	12855
AVERAGE	2735	2821	771	821	22630	21245	32941	30910	36661	38657	203	212	907	972	936	49	13371	12855
MAXIMUM	2998	3100	808	808	2040	1845	3233	2790	3384	3907	187	187	663	703	656	39	10747	10950
MINIMUM	2214	2600	686	705	1750	1660	2372	2297	2460	2384	187	186	663	703	656	39	10747	10950
% Growth wrt 18.19	3.15	5.00	7.00	7.00	-4.80	-4.80	-6.29	5.94	-1.59	4.01	12.57	10.00	3.11	3.11	3.11	10.00	10.00	-1.04

ANNEXURE-III

ALL FIGS IN MW

FORECAST UNRESTRICTED DEMAND (MW)

Month	BSPHCL		BUNVJ		DVC		ODISHA		WBSECL		DPL		CESC		SIKKIM		Eastern Region	
	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC	Actual Met (MW)	Forecast by ERPC
APRIL	4463	4500	1222	1410	2877	2875	4358	4400	6546	6531	264	277	1917	2100	1975	90	99	21058
MAY	4790	4650	1279	1400	2890	2911	4974	4500	6533	5908	283	310	2063	2250	2125	88	97	21902
JUNE	4851	4800	1222	1345	2901	2950	4684	4500	6449	6253	287	303	2120	2260	2184	83	91	22080
JULY	4931	4850	1245	1340	2874	2935	4526	4500	7009	5928	288	306	1943	1850	2001	81	89.1	21790
AUGUST	4876	4900	1287	1380	2827	2871	5434	4500	6643	6408	275	292	1832	1900	1887	85	94	22590
SEPTEMBER	4992	5050	1250	1430	2764	2883	4936	4450	6759	6718	273	299	1932	2050	1990	85	93.5	22286
OCTOBER	5084	5100	1247	1390	2837	2839	5219	4500	6809	6192	278	281	1923	2030	1981	93	102	22753
NOVEMBER	4641	5000	1252	1410	2869	2867	4522	4300	5548	4834	261	270	1758	1700	1811	110	121	20842
DECEMBER	4605	4850	1354	1440	2941	2903	4577	4150	5577	4621	251	273	1406	1520	1448	109	120	20230
JANUARY	5058	4750	1252	1440	3075	2952	4852	4200	5240	4594	265	279	1340	1450	1360	106	117	20685
FEBRUARY	4811	4650	1238	1370	2986	2964	4830	5217	6125	5067	274	280	1580	1680	1627	105	115	21456
MARCH	5206	4800	1241	1360	2994	2976	5131	4350	7439	6856	330	289	1757	1850	1810	94	103	23326
AVERAGE	4839	4825	1249	1393	2903	2911	4862	4383	6426	5839	277	290	1796	1887	1850	94	103	23061
MAXIMUM	5206	5100	1287	1440	3075	2976	5434	4500	7439	6856	330	310	2260	2260	2184	110	121	23326
MINIMUM	4463	4500	1222	1340	2764	2839	4358	4300	5548	4621	251	270	1340	1450	1360	81	89	20230
% Growth wrt 18.19	-0.70	7.76	7.00	7.00	0.26	0.26	-9.84	9.14	-8.82	8.00	4.39	5.00	5.05	5.05	3.00	10.00	10.00	1.20