



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति

Eastern Regional Power Committee
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No: ERPC/MS/LGBR/2021-22/786-819

Dated 01st Oct, 2021

To

As per the list.

Sub: Revised LGBR of Eastern Region for the year 2021-22 – reg.

Sir,

The LGBR of Eastern Region for the year 2021-22 has been revised due to considerable power drawn by CPs of Odisha continuously and planned maintenance of some of the generating units of Eastern Region has been rescheduled.

The revised LGBR (attached as Annexure-I & Annexure-II) has been prepared and uploaded on the website: www.erpc.gov.in.

This is for your kind information please.


21/10/2021
(Swapan Roy)

Superintending Engr. (Reporting)

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**ABSTRACT OF STATEWISE/SYSTEMWISE/CONSTITUENTWISE PEAK DEMAND- vs- AVAILABILITY
IN EASTERN REGION FOR THE PERIOD FROM APRIL-2021 TO MARCH-2022**

(ALL FIGURES IN MW & NET)

SL.NO	PARTICULARS	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22
1	BIHAR												
i)	NET MAX DEMAND	5690	6075	6300	6350	6400	6475	6000	5000	5220	5150	5150	5500
ii)	NET POWER AVAILABILITY- Own+KBUNL	522	537	525	523	690	678	685	681	680	688	696	570
	Central Sector+Bi-Lateral	5920	5933	5890	5823	6030	6123	5850	5626	5450	5867	6226	6240
iii)	SURPLUS(+)/DEFICIT(-)	752	395	115	-4	319	326	535	1306	910	1405	1771	1311
2	JHARKHAND												
i)	NET MAX DEMAND	1670	1690	1700	1670	1660	1760	1770	1775	1810	1830	1850	1860
ii)	NET POWER AVAILABILITY- Own Source	314	389	389	292	292	404	404	359	359	359	359	359
	Central Sector+Bi-Lateral+CPP	1106	1111	1081	1092	1161	1182	1174	1078	1039	1069	1076	1064
iii)	SURPLUS(+)/DEFICIT(-)	-250	-190	-230	-286	-206	-174	-192	-338	-412	-402	-415	-437
3	DVC												
i)	NET MAX DEMAND (OWN)	3115	3160	3200	3225	3100	3125	3035	3040	3060	3210	3140	3160
ii)	NET POWER AVAILABILITY- OWN SOURCE	5475	5260	5227	5560	5257	5351	5131	5172	5115	5121	5385	5358
	- Central Sector+MPL	373	417	393	414	464	493	452	343	273	288	286	259
	BI-LATERAL EXPORT BY DVC	2175	2199	2258	2213	1998	1998	1534	2078	2152	2280	2515	2424
iii)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	558	317	161	536	623	968	1014	397	176	-82	16	33
4	ODISHA												
i)	NET MAX DEMAND (Incl. Vedanta Drawal)	5360	5650	5000	5575	5600	5500	5400	5200	5100	5000	5200	5500
ii)	NET MAX DEMAND (Own)	4400	4450	4500	4500	4500	4400	4400	4200	3850	3800	3950	4350
iii)	NET POWER AVAILABILITY- OWN+IPP+CPP	3711	3738	3073	3658	3455	4004	3845	3490	3409	3346	3552	3637
	- Central Sector	1535	1563	1350	1864	1958	1944	1980	1958	1847	1906	1912	1937
iv)	SURPLUS(+)/DEFICIT(-) (Incl. Vedanta Drawal)	-114	-349	-577	-53	-187	448	425	247	156	251	264	73
v)	SURPLUS(+)/DEFICIT(-)	846	851	-77	1022	913	1548	1425	1247	1406	1451	1514	1223
5	WEST BENGAL												
5.1	WBSEDCL												
i)	NET MAX DEMAND (OWN)	7225	7425	7495	7600	7410	7440	6900	5495	4970	5190	5230	7460
ii)	IPCL DEMAND	130	130	130	130	130	130	130	130	130	130	130	130
iii)	TOTAL WBSEDCL'S DEMAND (incl. +Sikkim+IPCL)	7360	7560	7635	7740	7550	7580	7040	5635	5110	5325	5365	7595
iv)	NET POWER AVAILABILITY- Own Source	4674	4684	4457	4876	4544	4661	4858	4265	4442	4301	4506	4845
	Contribution from DPL	450	450	450	450	205	450	450	450	246	332	450	450
	- Central Sector+Bi-lateral+IPP+CPP+TLDP+IPCL	2635	2604	2585	2580	2660	2688	2764	2402	2313	2339	2264	2350
v)	EXPORT (SIKKIM)	5	5	10	10	10	10	10	10	10	5	5	5
vi)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	399	178	-143	166	-141	219	1032	1482	1891	1648	1855	50
5.2	CESC												
i)	NET MAX DEMAND	2050	2250	2280	2050	1900	1920	1920	1720	1400	1350	1550	1750
ii)	NET POWER AVAILABILITY - OWN SOURCE	770	770	770	770	770	770	770	690	450	770	770	770
	IMPORT FROM OTHER SOURCE	740	940	970	740	590	610	610	490	410	310	510	440
	IMPORT FROM HALDIA ENERGY LTD.	540	540	540	540	540	540	540	540	540	270	270	540
iii)	TOTAL AVAILABILITY	2050	2250	2280	2050	1900	1920	1920	1720	1400	1350	1550	1750
iv)	SURPLUS(+)/DEFICIT(-)	0	0	0	0	0	0	0	0	0	0	0	0
6	WEST BENGAL (WBSEDCL+CESC+IPCL) (excluding DVC's supply to WBSEDCL's command area)												
i)	NET MAX DEMAND OWN (Excl. Export)	9405	9805	9905	9780	9440	9490	8950	7345	6500	6670	6910	9340
ii)	NET POWER AVAILABILITY- Own Source	5894	5904	5677	6096	5519	5881	6078	5405	5138	5403	5726	6065
iii)	CS SHARE+BILETARAL+IPP+CPP+TLDP+HEL	3915	4084	4095	3860	3790	3838	3914	3432	3263	2919	3044	3330
iv)	SURPLUS(+)/DEFICIT(-) BEFORE WBSEDCL'S EXP.	404	183	-133	176	-131	229	1042	1492	1901	1653	1860	55
v)	SURPLUS(+)/DEFICIT(-) AFTER WBSEDCL'S EXP.	399	178	-143	166	-141	219	1032	1482	1891	1648	1855	50
7	SIKKIM												
i)	NET MAX DEMAND	107	107	102	97	102	102	113	130	130	130	124	115
ii)	NET POWER AVAILABILITY- Own Source	8	8	8	8	8	8	8	4	2	2	2	2
	- Central Sector	188	188	184	199	200	200	199	195	186	193	198	198
iii)	SURPLUS(+)/DEFICIT(-)	90	90	90	110	106	106	95	69	58	65	75	85
8	EASTERN REGION												
	At 1.02 AS DIVERSITY FACTOR												
i)	NET MAX DEMAND (Incl. Vedanta Drawal)	24723	25840	25565	26046	25659	25806	24644	21922	21265	21431	21808	24848
ii)	NET MAX DEMAND	23909	24790	25202	25120	24708	24855	23791	21069	20167	20382	20710	23848
iii)	BI-LATERAL EXPORT BY DVC	2175	2199	2258	2213	1998	1998	1534	2078	2152	2280	2515	2424
iv)	EXPORT BY WBSEDCL TO SIKKIM	5	5	10	10	10	10	10	10	10	5	5	5
v)	EXPORT TO B'DESH & NEPAL OTHER THAN DVC	642	642	642	642	642	642	642	642	642	642	642	642
vi)	NET TOTAL POWER AVAILABILITY OF ER (INCLUDING CS ALLOCATION +BILATERAL+CPP+HEL)	28962	29131	27891	29389	28824	30106	29721	27742	26761	27160	28461	29020
vii)	PEAK SURPLUS(+)/DEFICIT(-) OF ER (Incl. Vedanta Drawal)	1417	446	-584	478	515	1650	2891	3090	2692	2802	3491	1101
viii)	PEAK SURPLUS(+)/DEFICIT(-) OF ER	2231	1495	-222	1404	1466	2601	3743	3943	3790	3851	4589	2101

**ABSTRACT OF STATEWISE/SYSTEMWISE/CONSTITUENTWISE ENERGY REQUIREMENT- vs- AVAILABILITY
IN EASTERN REGION FOR THE PERIOD FROM APRIL-2021 TO MARCH-2022**

(ALL FIGURES IN MU & NET)

SL.NO	PARTICULARS	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	TOTAL 2021-22
1	BIHAR													
i)	NET ENERGY REQUIREMENT	3090	3550	3710	3605	3950	3850	3315	2705	2725	2875	2475	2980	38830
ii)	NET ENERGY AVAILABILITY- Own	217	185	186	192	190	185	185	185	224	226	207	153	2331
iii)	Central Sector+Bi-Lateral	2606	3036	3119	3249	3392	3418	3304	3144	3080	3157	2659	3165	37328
iv)	SURPLUS(+)/DEFICIT(-)	-267	-330	-405	-164	-369	-247	174	624	578	507	390	338	829
2	JHARKHAND													
i)	NET ENERGY REQUIREMENT	790	860	878	943	965	986	1025	1030	1028	895	825	820	11045
ii)	NET ENERGY AVAILABILITY- Own Source	188	187	182	131	146	206	200	190	195	191	173	191	2179
iii)	Central Sector+Bi-Lateral+IPP	521	606	633	654	715	715	673	553	536	529	460	527	7121
iv)	SURPLUS(+)/DEFICIT(-)	-81	-66	-64	-159	-105	-65	-151	-288	-297	-175	-192	-102	-1744
3	DVC													
i)	NET ENERGY REQUIREMENT (OWN)	2030	2111	2010	2045	1970	1879	1939	1934	2020	2086	1828	2101	23952
ii)	NET ENERGY AVAILABILITY- OWN SOURCE	2827	2978	2910	3096	3035	2988	2950	2900	2840	3177	2872	3181	35754
iii)	Central Sector+MPL	201	266	259	313	348	359	314	198	152	155	136	138	2839
iv)	Bi-lateral export by DVC	1566	1636	1626	1646	1486	1261	1141	1496	1601	1696	1690	1803	18648
v)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	-568	-503	-467	-283	-72	208	184	-332	-629	-450	-510	-585	-4008
4	ODISHA													
i)	NET ENERGY REQUIREMENT (Incl. Vedanta Drawal)	3145	3080	3035	3435	3435	3350	3250	3075	2990	3045	2860	3180	37880
ii)	NET ENERGY REQUIREMENT (Own)	2779	2946	2707	2723	2723	2635	2649	2376	2344	2344	2218	2641	31085
iii)	NET ENERGY AVAILABILITY- OWN+IPP+CPP	2287	2498	2115	2429	2232	2558	2530	2217	2177	2204	2081	2300	27628
	Central Sector	809	882	844	771	985	1012	1036	947	888	848	770	878	10670
iv)	SURPLUS(+)/DEFICIT(-) (Incl. Vedanta drawal)	-49	300	-76	-235	-218	220	316	89	75	7	-9	-2	418
v)	SURPLUS(+)/DEFICIT(-)	317	434	252	477	494	935	917	788	721	708	633	537	7213
5	WEST BENGAL													
5.1	WBSEDCL													
i)	WBSEDCL'S OWN REQUIREMENT	4000	4385	4380	4525	4470	4155	3610	2859	2854	2963	3030	4069	45300
ii)	SUPPLY TO IPCL	84	84	84	84	84	84	84	84	84	84	84	84	1008
iii)	TOTAL WBSEDCL's Energy Requirement (Incl.B'Desh+Si)	4088	4473	4471	4616	4561	4246	3701	2950	2945	3051	3117	4157	46376
iv)	NET ENERGY AVAILABILITY- OWN SOURCE	2049	2133	1934	2234	2040	2020	2225	1973	2085	2021	1828	2168	24712
v)	Contribution from DPL	235	243	235	243	133	235	243	235	110	177	218	241	2548
vi)	Central Sector+Bi-lateral+IPP+CPP+TLDP	1082	1308	1449	1586	1705	1668	1478	1113	1050	1004	835	1010	15289
vii)	EXPORT (SIKKIM)	4	4	7	7	7	7	7	7	7	4	3	4	68
viii)	SURPLUS(+)/DEFICIT(-) AFTER EXPORT	-721	-789	-852	-553	-683	-323	245	371	301	151	-236	-737	-3827
5.2	CESC													
i)	NET ENERGY REQUIREMENT	920	1150	1090	1110	1020	1020	940	755	685	680	640	850	10860
ii)	NET ENERGY AVAILABILITY - Own Source	523	550	531	552	500	503	498	410	332	474	426	460	5759
iii)	FROM OTHER SOURCE (INCL. IPP/CPP-29-30 MU/M)	67	205	176	164	130	140	126	58	57	55	53	49	1280
iv)	FROM HEL	330	395	383	394	390	377	316	287	296	151	161	341	3821
v)	TOTAL AVAILABILITY OF CESC	920	1150	1090	1110	1020	1020	940	755	685	680	640	850	10860
vi)	SURPLUS(+)/DEFICIT(-)	0	0	0	0	0	0	0	0	0	0	0	0	0
6	WEST BENGAL (WBSEDCL+CESC) (excluding DVC's supply to WBSEDCL's command area)													
i)	NET ENERGY REQUIREMENT	5004	5619	5554	5719	5574	5259	4634	3698	3623	3727	3754	5003	57168
ii)	NET POWER AVAILABILITY- Own Source	2807	2926	2700	3029	2673	2758	2966	2618	2528	2672	2472	2870	33019
iii)	CS SHARE+BILATERAL+IPP/CPP+TLDP+HEL	1479	1908	2008	2144	2225	2185	1920	1458	1403	1210	1049	1400	20390
iv)	SURPLUS(+)/DEFICIT(-) BEFORE WBSEDCL'S EXP.	-717	-785	-845	-546	-676	-316	252	378	308	155	-233	-733	-3759
v)	SURPLUS(+)/DEFICIT(-) AFTER WBSEDCL'S EXP.	-721	-789	-852	-553	-683	-323	245	371	301	151	-236	-737	-3827
7	SIKKIM													
i)	NET ENERGY REQUIREMENT	51	47	47	48	46	46	50	63	63	64	65	58	649
ii)	NET POWER AVAILABILITY- Own Source	1	1	1	3	3	3	3	1	1	1	1	2	21
	- Central Sector	86	108	115	117	123	121	120	89	76	74	63	77	1167
iii)	SURPLUS(+)/DEFICIT(-)	36	62	69	72	80	78	73	27	14	11	-2	20	539
8	EASTERN REGION													
i)	NET ENERGY REQUIREMENT OF ER (Incl. Vedanta Di	14110	15267	15234	15796	15939	15369	14213	12505	12449	12692	11807	14142	169523
ii)	NET ENERGY REQUIREMENT OF ER	13744	15133	14906	15084	15227	14654	13612	11806	11803	11991	11165	13603	162728
iii)	BILATERAL EXPORT BY DVC	1566	1636	1626	1646	1486	1261	1141	1496	1601	1696	1690	1803	18648
iv)	EXPORT BY WBSEDCL TO SIKKIM	4	4	7	7	7	7	7	7	7	4	3	4	68
v)	EXPORT to B'DESH & NEPAL OTHER THAN DVC	505	605	545	787	546	548	419	197	142	187	265	310	5055
vi)	NET TOTAL ENERGY AVAILABILITY OF ER (INCLUDING CS ALLOCATION +BILATERAL+IPP/CPP+HEL)	14029	15581	15072	16126	16066	16508	16201	14499	14098	14444	12942	14881	180447
vii)	ENERGY SURPLUS(+)/DEFICIT(-) OF ER (Incl. Vedanta	-2156	-1932	-2340	-2110	-1912	-677	421	294	-101	-136	-823	-1377	-12848
viii)	ENERGY SURPLUS(+)/DEFICIT(-) OF ER	-1790	-1798	-2012	-1398	-1200	38	1022	993	545	565	-181	-838	-6053