National Load Despatch Centre
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)
CIN No.: U40105DL2009GOI188682
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report Date: 12th Jun 2020

To,

1. कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033
   Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यपालक निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली – 110016
   Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. कार्यपालक निदेशक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र , अंधेरी, मुंबई – 400093
   Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यपालक निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग – 793006
   Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु – 560009
   Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 31st May - 2020 to 06th June-2020.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, 31 मई-2020 से 06 जून-2020, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक पर उप्लब्ध है :-

As per article 5.5.1 of the Indian Electricity Grid Code, the weekly status report pertaining power supply position report of All India Power System for the week 31st May - 2020 to 06th June-2020 is available at the NLDC website.

Thanking You.

Yours faithfully,

Sr.DGM (SO)

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (31 मई 2020 से 06 जून 2020 तक) **रिपोर्टिंग तिथि:-** **12-Jun-20**

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

क्षेत्र	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
दिनांक	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी
	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)
31-05-2020	38313	520	39834		33526		18278		2433	101	132384	621
01-06-2020	43257	489	40809		35541		17237		2486	82	139330	571
02-06-2020	44705	518	38432		35759		18165		2398	209	139459	727
03-06-2020	45272	822	33616		35499		19682		2398	26	136467	848
04-06-2020	42146	488	36681		36690		18379		2312	12	136208	500
05-06-2020	42370	424	37593		36543		18619		2437	9	137562	433
06-06-2020	44830	290	38807		35351		20261		2459	11	141708	301

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन
	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)
31-05-2020	859	287	1080	37	858	70	354	96	43	19	3193	508
01-06-2020	945	290	1026	41	861	76	374	102	42	17	3246	526
02-06-2020	996	280	986	42	847	58	389	102	42	16	3260	498
03-06-2020	1029	279	885	38	845	58	410	105	41	16	3210	497
04-06-2020	1009	279	841	35	877	68	415	103	41	20	3183	505
05-06-2020	941	284	890	44	904	65	387	110	43	19	3164	523
06-06-2020	982	288	911	44	887	63	427	122	41	21	3248	538

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड	ऑ० इं० ग्रिड
31-05-2020	3.16	3.18	75.31	21.50	50.01	0.030
01-06-2020	3.07	3.07	68.78	28.15	50.02	0.035
02-06-2020	6.00	6.50	73.84	19.65	50.00	0.039
03-06-2020	6.20	6.24	75.15	18.61	50.00	0.041
04-06-2020	2.69	2.69	82.84	14.48	50.00	0.028
05-06-2020	2.13	2.13	67.35	30.52	50.02	0.037
06-06-2020	3.63	3.63	74.85	21.52	50.01	0.036

***NEW & SR grid running in synchronisation.**

4. NEW ELEMENTS COMMISSIONED

5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

Region	Date	31-05-2020		01-06-2020		02-06-2020		03-06-2020		04-06-2020		05-06-2020		06-06-2020	
	States	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	03-01-2020	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage
NR	Punjab	5804	0	6279	0	6572	0	6433	0	6732	0	6830	0	6319	0
	Haryana	4910	0	5782	0	5900	0	6314	0	5868	0	5926	0	6532	0
	Rajasthan	8977	0	9815	0	9767	0	9839	0	9482	0	9121	0	9407	0
	Delhi	4096	0	3765	0	4037	0	4227	0	4186	0	3895	0	4211	0
	UP	16035	0	17818	0	18300	0	18950	340	18335	0	15652	0	18211	0
	Uttarakhand	1363	0	1480	0	1535	0	1625	0	1637	0	1525	0	1561	0
	HP	1052	0	1197	0	1236	0	1342	0	1271	0	1323	0	1262	0
	J&K	2165	541	2032	508	2236	559	2206	552	2115	529	1971	493	1738	435
	Chandigarh	156	0	190	0	206	0	210	0	221	0	198	0	190	0
WR	Chhattisgarh	3423	0	3468	0	3448	0	3283	0	3263	0	3317	0	3455	0
	Gujarat	15123	0	15924	0	14818	0	14489	0	14581	0	14706	0	14018	0
	MP	9227	0	9013	0	8494	0	8395	0	6776	0	6924	0	7609	0
	Maharashtra	20145	0	18183	0	16956	0	13834	0	13766	0	15166	0	15920	0
	Goa	447	0	411	0	365	0	366	0	400	0	469	0	389	0
	DD	198	0	208	0	215	0	187	0	228	0	225	0	237	0
	DNH	399	0	417	0	419	0	328	0	434	0	447	0	436	0
	Essar steel	804	0	835	0	803	0	778	0	786	0	815	0	782	0
SR	Andhra Pradesh	9317	0	8926	0	8676	0	8712	0	8227	0	8987	0	9423	0
	Telangana	7374	0	6786	0	6639	0	6630	0	6570	0	7050	0	7173	0
	Karnataka	8727	0	8938	0	7896	0	7896	0	8150	0	9342	0	9194	0
	Kerala	3144	0	3195	0	3175	0	3141	0	3204	0	3146	0	3055	0
	Tamil Nadu	12721	0	13365	0	13589	0	13685	0	13979	0	13876	0	12868	0
	Pondy	349	0	372	0	377	0	372	0	371	0	373	0	362	0
ER	Bihar	4833	0	5032	0	5333	0	5215	0	5068	0	4847	0	4959	0
	DVC	2337	0	2595	0	2698	0	2737	0	2768	0	2868	0	2851	0
	Jharkhand	1126	0	1068	0	1290	0	1397	0	1259	0	1338	0	1347	0
	Odisha	4109	0	4214	0	3593	0	3661	0	3822	0	4125	0	4417	0
	West Bengal	6246	0	6117	0	6686	0	7560	0	7509	0	7347	0	8022	0
	Sikkim	72	0	96	0	97	0	98	0	99	0	94	0	95	0
NER	Arunachal Pradesh	106	1	108	0	106	0	104	1	100	1	104	1	89	1
	Assam	1492	89	1525	53	1467	137	1455	20	1424	20	1492	12	1567	15
	Manipur	181	1	185	1	188	1	186	1	182	1	187	0	181	1
	Meghalaya	324	0	278	0	306	0	296	0	303	0	317	1	317	0
	Mizoram	84	1	97	0	96	0	84	2	95	1	94	0	94	0
	Nagaland	114	1	119	0	117	0	116	2	118	2	101	0	108	1
	Tripura	249	0	270	2	276	3	245	1	233	5	276	1	260	2

6. Energy Consumption in States (MUs)

Region	States	31-05-2020	01-06-2020	02-06-2020	03-06-2020	04-06-2020	05-06-2020	06-06-2020
NR	Punjab	127.5	134.9	141.5	140.0	146.5	151.0	143.4
	Haryana	96.1	109.4	119.1	127.1	126.0	121.4	129.4
	Rajasthan	186.9	197.4	201.2	203.8	201.2	198.0	206.1
	Delhi	73.3	74.6	81.1	85.7	85.1	81.0	80.2
	UP	282.0	331.0	348.7	365.4	342.0	284.9	324.9
	Uttarakhand	28.2	29.4	33.2	35.3	35.1	32.9	34.2
	HP	19.6	22.7	24.3	24.6	24.9	25.3	24.7
	J&K	41.8	41.3	42.7	43.3	44.4	42.8	35.0
	Chandigarh	3.4	3.9	4.0	4.1	4.1	3.9	3.9
WR	Chhattisgarh	74.0	72.7	73.7	76.8	76.4	74.9	76.5
	Gujarat	319.2	325.4	314.4	301.9	298.3	288.9	279.5
	MP	204.8	200.7	184.4	182.9	143.2	149.8	162.3
	Maharashtra	443.5	388.3	374.1	288.2	283.6	335.2	357.0
	Goa	9.1	9.1	8.2	7.7	8.4	8.8	8.4
	DD	4.4	4.5	4.6	2.8	4.1	4.9	5.1
	DNH	9.1	9.2	9.2	7.1	8.9	10.0	10.0
	Essar steel	16.0	15.9	17.8	17.4	17.7	17.4	12.4
SR	Andhra Pradesh	184.1	178.2	172.0	175.3	174.3	181.6	186.6
	Telangana	145.9	138.5	140.2	139.7	142.8	149.2	153.9
	Karnataka	168.5	164.5	155.9	144.6	166.4	177.3	175.2
	Kerala	63.5	68.3	65.6	65.6	66.3	66.4	64.2
	Tamil Nadu	288.5	303.3	305.1	311.9	319.5	321.4	299.3
	Pondy	7.2	7.7	7.9	7.8	7.8	7.6	7.6
ER	Bihar	78.0	94.1	99.6	106.7	100.7	74.0	85.3
	DVC	48.3	54.9	57.9	59.6	59.5	61.1	62.3
	Jharkhand	21.2	20.3	23.6	26.6	25.0	24.7	26.5
	Odisha	84.9	80.3	75.6	77.0	79.6	84.5	93.9
	West Bengal	120.4	123.1	130.9	138.6	148.8	141.3	157.4
	Sikkim	0.9	1.2	1.3	1.3	1.4	1.4	1.4
NER	Arunachal Pradesh	2.0	1.6	2.0	2.0	2.0	1.9	1.7
	Assam	25.1	24.2	24.8	23.2	23.9	26.0	24.2
	Manipur	2.2	2.5	2.4	2.6	2.4	2.5	2.4
	Meghalaya	5.5	5.2	5.0	5.2	5.1	5.3	4.5
	Mizoram	1.7	1.5	1.6	1.4	1.7	1.7	1.7
	Nagaland	2.2	2.2	2.2	2.3	2.3	2.2	2.1
	Tripura	4.1	4.4	4.4	4.2	3.8	3.2	4.3
ALL INDIA TOTAL		**3192.9**	**3246.5**	**3260.2**	**3209.6**	**3183.2**	**3164.2**	**3247.6**

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (31 मई 2020 से 06 जून 2020 तक)

(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतक्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-)]

दिनांक	31-05-2020	01-06-2020	02-06-2020	03-06-2020	04-06-2020	05-06-2020	06-06-2020
East to North	-55.5	-66.7	-65.8	-69.8	-67.0	-55.9	-59.7
East to West	27.6	12.5	48.7	52.3	48.0	33.3	37.3
East to South	-101.0	-92.3	-102.5	-89.0	-96.9	-106.5	-94.5
East to North-East	-0.6	-6.2	-10.4	-10.4	-9.2	-13.2	-6.1
North-East to North	-10.7	-14.5	-16.9	-17.3	-17.3	-17.0	-16.8
West to North	-53.2	-95.9	-141.3	-176.5	-177.1	-129.3	-145.6
West to South	-63.2	-73.0	-42.2	-60.6	-56.0	-67.3	-58.1

भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH

साप्ताहिक रिपोर्ट (31 मई 2020 से 06 जून 2020 तक)

दिनांक Date	भूटान BHUTAN		नेपाल NEPAL			बांग्लादेश BANGLADESH		
	Energy Exchange	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)
31-05-2020	30.0	1250	-0.3	-149	-14	-23.2	-1112	-965
01-06-2020	36.2	1509	-0.3	-141	-14	-25.7	-1085	-1071
02-06-2020	32.7	1360	-1.0	-228	-41	-26.0	-1124	-1083
03-06-2020	33.6	1398	-1.8	-205	-75	-26.0	-1118	-1083
04-06-2020	29.9	1246	-1.3	-223	-54	-25.7	-1111	-1070
05-06-2020	35.9	1497	-0.2	-68	-8	-21.2	-1102	-885
06-06-2020	44.5	1854	-0.1	-95	-3	-25.1	-1123	-1045
कुल Total	**242.8**		**-5.0**			**-172.8**		

8). Major Grid Incidences (Provisional):-

S.No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration	Event *(As reported)*	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards
				Date	Time	Date	Time	Time				
1	WR	400KV Korba (W) BUS-1 400KV Korba (W) BUS-2 400/220 ICT (500MVA) 400KV Korba (W) Ext.-Bhilai 400KV Korba (W) -KSTPS Unit#3 (210MW) Unit#4 (210MW) Unit#5 (500MW) Station transformer-5A Station transformer-5B	Chattisgarh	01-Jun-20	12:44	01-Jun-20	13:11	00:27	As informed by SLDC/Chhattisgarh, at 12:44hrs/01.06.2020, 400KV Korba West station became dead while test charging 400KV Korba West-Marwa line due to tripping of both 400 KV Bus-1 and Bus-2 at 400 KV Korba West. All connected elements (lines, units , ICT and station transformers) at 400 KV Korba West tripped resulting in generation loss of 675 MW. No load loss reported.	675	Nil	**GD-1**
2	NER	132 kV Dimapur (PG)-Kohima(Nagaland) 132 Kohima(Nagaland)-Wokha(Nagaland)	MoP Nagaland	2-Jun-20	13:43	2-Jun-20	13:59	00:16	At 13:43 Hrs, 132 kV Dimapur (PG)-Kohima tripped. Indication of Dimapur (PG): B-ph & Kohima: No tripping. 132 Kohima - Wokha TL tripped at same time (Kohima: No Tripping ; Wokha: R-Ph, E/F) . As Kohima SS of Nagaland was feeded only from 132 kV Dimapur - Kohima and 132 kV DoyangSanis-Wokha TL , tripping of above two lines led to blackout of Kohima area.Due to this incident, load at Kohima got interrupted. Load Loss of 15 MW was observed at Kohima (Nagaland) area . There was generation loss of 32 MW of Doyang.	32	15	**GD-1**
3	WR	400KV REL BUS-1 400KV REL BUS-2 400 kV REL-Durg-1 400 kV REL-Durg-2 Unit#2 (685 MW) Unit#1 (685 MW) Station transformer-1 Station transformer-2	GMR	2-Jun-20	10:49	2-Jun-20	12:18	01:29	At 10:49 hrs/02.06.2020 both 400 kV Durg -REL Ckt 1 and 400 kV Durg -REL Ckt 2 tripped and 400 KV REL Raipur Station become dead. Due to tripping of all the evacuating lines indicated above the running Unit-2 at REL also tripped resulting in generation loss of 310 MW . Prior to the above tripping REL Unit-1 was out due to low schedule.	310	Nil	**GD-1**
4	NER	132 kV Rokhia - Agartala I 132 kV Rokhia - Agartala II 132 kV Rokhia - Monarchak AGTCCPP Unit-1 AGTCCPP Unit-2 AGTCCPP Unit-3 AGTCCPP Unit-4 AGTCCPP Unit-5 AGTCCPP Unit-6 Monarchak (IC = 101 MW)	MoP Tripura & NEEPCO	5-Jun-20	00:36	5-Jun-20	01:03	00:27	At 00:38 Hrs, 132 kV Rokhia - Monarchak and Agartala - Rokhia I & II tripped causing blackout of Rokhia Bus along with 50 MW generation at Rokhia . At the same time all units of AGTCCPP(NEEPCO) and Monarchak (NEEPCO) got tripped .Due to this incident, load at Rokhia got interrupted. Load Loss of 8 MW was observed at Rokhia (Tripura) area . There was generation loss of 210 MW in AGTCCPP (105 MW) ,Rokhia (50 MW) and Monarchak (55 MW).	210	8	**GD-1**
5	NR	220 kV Kishenganga-Delina D/C 220 kV Kishenganga-Wagoora D/C	JKPDD	6-Jun-20	19:10	6-Jun-20	19:15	00:05	At 19:10 Hrs, Evacuating lines from 220kv Kishenganga station got tripped from kishenganga end only and resulted on generation loss of 180MW.	110	Nil	**GD-1**