



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

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 28th June 2019

To,

1. कार्यपालक निदेशक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, 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., डोंगतिह, 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 17th June 2019 to 23rd June 2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 17 जून 2019 से 23 जून 2019, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक पर उपलब्ध 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 17th June 2019 to 23rd June 2019, is available at the NLDC website.

Thanking You.

Yours faithfully,

DGM (SO)

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

साप्ताहिक रिपोर्ट (17 जून से 23 जून 2019 तक)

रिपोर्टिंग तिथि:- 28-Jun-19

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

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

दिनांक	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी
	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)
17-06-2019	47761	415	46830		42282	30	21205		2632	136	160710	581
18-06-2019	54143	487	47446		44039		20715		2796	126	169139	613
19-06-2019	54553	1033	47894		43838		19983		2836	134	169104	1167
20-06-2019	52341	1025	48777		41807		20199		2765	103	165889	1128
21-06-2019	59075	2100	49106		40445	33	18614		2739	118	169979	2251
22-06-2019	57384	485	47458		40445		18234		2823	164	166344	649
23-06-2019	52861	512	44947		36925		19707		2725	138	157165	650

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)
17-06-2019	1282	346	1125	13	1009	56	478	77	49	21	3944	513
18-06-2019	1176	336	1126	15	1025	54	462	63	53	23	3842	492
19-06-2019	1253	321	1114	19	1033	39	486	87	54	20	3940	485
20-06-2019	1258	313	1147	19	1014	42	486	84	55	18	3960	476
21-06-2019	1334	327	1160	17	949	36	454	78	53	17	3950	475
22-06-2019	1347	318	1136	11	949	36	414	82	51	16	3897	463
23-06-2019	1314	322	1076	7	879	35	434	92	53	16	3755	472

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड	ऑ० ई० ग्रिड
17-06-2019	4.73	5.75	64.83	29.42	49.96	0.046
18-06-2019	18.04	20.43	65.86	13.72	49.99	0.071
19-06-2019	8.34	8.38	80.72	10.90	50.02	0.034
20-06-2019	10.66	12.75	70.50	16.75	50.02	0.056
21-06-2019	5.19	5.19	82.55	12.27	49.99	0.029
22-06-2019	8.03	10.00	74.77	15.23	50.03	0.047
23-06-2019	9.41	10.08	69.53	20.39	50.03	0.048

*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

NIL

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

Region	Date	17-06-2019		18-06-2019		19-06-2019		20-06-2019		21-06-2019		22-06-2019		23-06-2019	
	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	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage
NR	Punjab	11824	0	10814	0	11281	0	11084	0	11451	0	11793	0	11561	0
	Haryana	8229	0	7481	0	8296	0	8366	0	8648	160	9125	0	9115	0
	Rajasthan	10496	0	10318	0	9872	0	10240	0	10708	0	11152	0	10895	0
	Delhi	5920	0	4989	0	5172	0	5532	0	5889	0	5910	0	6113	0
	UP	19302	0	19506	190	19031	170	18916	1230	19175	720	19475	0	19898	0
	Uttarakhand	2018	0	1967	0	2006	0	1928	0	2063	0	2013	0	1844	0
	HP	1454	0	1385	0	1452	0	1435	0	1413	0	1423	0	1322	0
	J&K	2203	551	2202	551	2155	539	2108	527	2098	1049	2068	517	2141	535
	Chandigarh	327	0	267	0	303	0	314	0	277	0	282	0	278	0
WR	Chhattisgarh	3654	0	3866	0	3804	0	3806	0	3704	0	3468	0	3428	0
	Gujarat	14751	0	14207	0	14894	0	15230	0	15937	0	16485	0	15422	0
	MP	8637	0	8901	0	8399	0	8788	0	8913	0	8684	0	8413	0
	Maharashtra	21163	0	21273	0	20898	0	21244	0	20951	0	20758	0	18978	0
	Goa	541	0	541	0	541	0	541	0	541	0	541	0	541	0
	DD	334	0	350	0	340	0	339	0	340	0	346	0	318	0
	DNH	755	0	755	0	767	0	771	0	777	0	777	0	768	0
	Essar steel	305	0	313	0	316	0	364	0	308	0	323	0	399	0
SR	Andhra Pradesh	9100	0	9729	0	10170	0	9598	0	8778	0	8778	0	8087	0
	Telangana	7619	0	7849	0	7989	0	7931	0	7066	0	7066	0	6692	0
	Karnataka	10897	0	11183	0	11129	0	11239	0	10654	0	10654	0	9787	0
	Kerala	3697	0	3724	0	3767	0	3712	0	3265	0	3265	0	3296	0
	Tamil Nadu	15797	0	15986	0	15848	0	15901	0	14683	0	14683	0	14196	0
	Pondy	434	30	443	0	439	0	441	0	458	0	458	0	438	0
ER	Bihar	5291	0	5424	0	5396	0	5386	0	5371	0	4811	0	5258	0
	DVC	3003	0	3103	0	3034	0	2942	0	3371	0	2800	0	3054	0
	Jharkhand	1326	0	1153	0	1117	0	1053	0	999	0	1000	0	1113	0
	Odisha	4168	0	3956	0	4301	0	4539	0	3792	0	3964	0	4118	0
	West Bengal	9271	0	9199	0	9146	0	8833	0	8716	0	8388	0	8489	0
	Sikkim	95	0	97	0	95	0	92	0	92	0	95	0	83	0
NER	Arunachal Pradesh	132	1	136	0	126	3	131	3	128	1	129	2	125	1
	Assam	1682	68	1764	82	1819	55	1771	62	1742	110	1789	132	1748	72
	Manipur	166	2	146	2	146	2	141	7	158	3	167	4	168	2
	Meghalaya	309	0	326	0	348	4	322	4	331	0	331	0	322	0
	Mizoram	94	1	85	1	91	3	78	3	81	1	89	1	92	2
	Nagaland	130	3	129	2	113	1	136	4	125	2	119	2	126	1
	Tripura	302	2	293	6	311	9	273	13	277	0	280	10	281	7

6. Energy Consumption in States (MUs)

Region	States	17-06-2019	18-06-2019	19-06-2019	20-06-2019	21-06-2019	22-06-2019	23-06-2019
NR	Punjab	232.0	206.1	246.5	228.4	242.1	263.8	259.3
	Haryana	169.4	140.6	172.2	179.9	189.3	197.7	196.1
	Rajasthan	235.1	223.7	208.5	224.0	228.2	241.8	240.1
	Delhi	114.8	99.3	106.4	112.0	122.7	118.5	121.0
	UP	405.1	384.1	394.1	389.6	425.1	398.6	382.0
	Uttarakhand	41.8	42.6	44.2	44.1	45.8	46.0	40.8
	HP	29.0	29.4	29.6	29.8	30.1	30.4	28.2
	J&K	49.3	44.9	45.9	44.9	45.4	44.2	41.0
	Chandigarh	6.0	5.5	5.7	5.7	5.5	5.6	5.6
WR	Chhattisgarh	83.8	87.9	89.6	88.9	85.9	75.1	76.7
	Gujarat	330.9	316.1	319.2	338.8	352.0	354.3	335.9
	MP	195.0	202.7	187.8	196.1	203.1	198.1	189.1
	Maharashtra	473.9	476.8	473.8	479.4	474.3	463.8	429.1
	Goa	11.5	11.5	11.5	11.5	13.1	12.4	12.4
	DD	7.3	7.6	7.6	7.6	7.7	7.7	7.2
	DNH	17.5	17.8	17.9	18.2	18.2	18.3	18.2
	Essar steel	5.4	5.6	6.4	6.2	5.5	6.5	7.8
SR	Andhra Pradesh	193.4	197.0	204.0	195.3	183.0	183.0	169.6
	Telangana	166.1	171.0	172.7	170.2	149.4	149.4	144.8
	Karnataka	218.2	217.5	218.4	218.4	203.3	203.3	182.3
	Kerala	75.0	75.8	73.3	72.0	66.7	66.7	63.4
	Tamil Nadu	347.5	354.1	355.5	348.5	336.7	336.7	310.1
	Pondy	8.9	9.2	9.0	9.1	9.7	9.7	8.7
ER	Bihar	108.7	106.4	106.7	108.4	109.2	80.4	97.7
	DVC	66.3	68.1	66.8	63.9	63.2	61.4	62.7
	Jharkhand	27.2	27.3	26.6	25.6	22.8	21.0	24.0
	Odisha	87.4	82.8	92.9	102.3	82.2	79.8	84.3
	West Bengal	187.7	176.5	192.0	184.5	175.3	170.0	163.8
	Sikkim	1.2	1.2	1.3	1.3	1.3	1.3	1.0
NER	Arunachal Pradesh	2.4	2.4	2.3	2.2	2.3	2.2	2.3
	Assam	30.2	32.7	33.9	35.1	33.2	32.0	32.3
	Manipur	2.3	2.3	2.5	2.6	2.6	2.6	2.5
	Meghalaya	5.1	5.7	6.0	5.9	6.0	5.7	6.0
	Mizoram	1.5	1.5	1.7	1.8	1.7	1.7	1.8
	Nagaland	2.3	2.3	2.2	2.3	2.2	2.1	2.4
	Tripura	5.0	5.7	5.8	5.4	5.4	5.1	5.3
ALL INDIA TOTAL		3943.8	3841.5	3940.1	3959.9	3949.9	3896.6	3755.5

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

साप्ताहिक रिपोर्ट (17 जून से 23 जून 2019 तक)

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

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

दिनांक	17-06-2019	18-06-2019	19-06-2019	20-06-2019	21-06-2019	22-06-2019	23-06-2019
East to North	-52.5	-48.9	-72.8	-70.6	-89.9	-86.3	-71.8
East to West	75.3	82.5	76.9	69.7	67.1	54.7	51.0
East to South	-74.7	-76.7	-73.1	-64.4	-49.2	-58.1	-50.9
East to North-East	-6.3	-6.8	-8.4	-9.9	-7.0	-14.0	-12.0
North-East to North	-11.8	-9.8	-9.7	-9.6	-11.5	-12.2	-12.2
West to North	-151.6	-120.5	-167.2	-173.8	-178.0	-194.5	-191.5
West to South	-40.3	-32.0	-17.2	-26.6	1.9	-12.1	-20.0

**भूटान , नेपाल एव बाग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL
EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

साप्ताहिक रिपोर्ट (17 जून से 23 जून 2019 तक)

अंतरराष्ट्रीय विद्युत विनिमय [भारत से दूसरे देश को आयात (+) / निर्यात (-)] Transnational Exchange from India (Import=(+ve) /Export =(-ve))

दिनांक Date	भूटान BHUTAN		नेपाल NEPAL			बाग्लादेश BANGLADESH		
	Energy Exchange	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)	Energy Exchange	Day Peak (MW)	Day Average (MW)
17-06-2019	17.6	731	-10.0	-568	-418	-26.6	-1139	-1110
18-06-2019	18.2	757	-10.1	-487	-422	-25.7	-1100	-1071
19-06-2019	12.4	515	-10.5	-581	-437	-26.4	-1109	-1100
20-06-2019	10.3	427	-10.5	-564	-437	-26.7	-1145	-1110
21-06-2019	10.4	434	-10.9	-568	-455	-26.0	-1129	-1083
22-06-2019	10.7	447	-6.6	-367	-275	-26.2	-1125	-1090
23-06-2019	13.2	551	-9.4	-568	-390	-26.0	-1122	-1085
कुल Total	92.7		-68.0			-183.6		

8). Major Grid Incidences (Provisional):-

S.No.	Region	Name of Elements (Tripped/Manually opened)	Owner / Agency	Outage		Revival		Outage Duration Time	Event (As reported)	Generation Loss(MW)	Load Loss(MW)	Category as per CEA Grid Standards
				Date	Time	Date	Time					
1	NER	1) 132 kV Rokhia-Agartala I 2) 132 kV Rokhia-Agartala II 3) 132 kV Palatana- SM Nagar 4) 132 kV Kumarghat-AGTCCPP 5) 132 kV AGTCCPP-Agartala I 6) 132 kV AGTCCPP-Agartala II 7) 132 kV SM Nagar- Budjungnagar I 8) 132 kV SM Nagar- Budjungnagar I 9) OTPC, Tripura GTG I (232 MW) 10) OTPC, Tripura STG I (131 MW) 11) AGTCCPP- GTG-1 (21 MW) 12) AGTCCPP- GTG-2 (21 MW) 13) AGTCCPP- GTG-3 (21 MW) 14) AGTCCPP- STG-1 (21 MW) 15) AGTCCPP- STG-2 (21 MW)	NEEPCO/OTPC	18-Jun-19	11:32	18-Jun-19	12:18	00:46	At 11:32 hrs, 132 kV Rokhia-Agartala I tripped due to flashover in wave trap at Agartala end. Due to this tripping 132 kV Palatana-Surajmaninagar line tripped in zone III. Subsequently, hunting and tripping of Gas Booster Compressor module I of OTPC, Tripura tripped. Also due to voltage jerk GTG 1, 2, 3 and STG 1 & 2 of AGTCCPP tripped. For maintaining the loading of 132 kV Agartala- SM Nagar line, 132 kV SMNagar-Comilla D/C lines were handtripped. Observing the low voltage scenario in southern NER grid, 400 kv bus reactor -1 at Silchar, Kumarghat and Alizawl was opened at 11:41 hrs, 11:42 hrs and 11:43 hrs respectively. Also without the consent of NERLDC, 132 kV AGTCCPP - Kumarghat was handtripped from AGTCCPP end due to low voltage observed in AGTCCPP bus by them at 11:44 hrs resulting into grid collapse at Agartala. Due to the disturbance 132 kV Surajmaninagar, Rokhia bus was dead. There was a load loss of around 141 MW of Bangladesh and 80 MW of Tripura. Also, Generation loss of around 650 MW took place at RC Nagar, Palatana , Monarchak and Rokhia Generating Stations	650	221	GD-III
2	ER	1) 220 KV Maithon Dumka Ckt-I 2) 220 KV Maithon Dumka Ckt-II 3) 132 KV Dumka Lalmatia Ckt-I 4) 132 KV Dumka Lalmatia Ckt-II	Jharkhand/PG	19-Jun-19	13:02	19-Jun-19	13:24	00:22	220 KV Maithon Dumka D/C tripped at 13:02 hrs on single phase to earth fault. At the same time 132 KV Dumka Lalmatia D/C tripped leading to the load loss of 120 MW at Pakur,Dumka,Deogarh.	Nil	120	GD-1
3	NR	1) 400 kv Hisar-Kaithal -1 2) 400 kv Hisar-Kaithal - 2 3) 400 kv Hisar -Fatehabad 4) 400 kv Hisar-Bhiwani(BBMB) 5) 400 kv Hisar-Moga-1 6) 400 kv Hisar-Moga-2 7) 400 kv Hisar-Moga-3 8) 400 kv Hisar-Bhiwadi-1 9) 400 kv Hisar-Bhiwadi-2 10) 400 kv Hisar-Bhiwadi-3 11) 400 kv Hisar -Bhiwani (PG) -1 12) 400 kv Hisar -Bhiwani (PG) -2 13) 400 kv Hisar -Bhiwani (PG) -3 14) 315 MVA ICT-I at Hisar 15) 315 MVA ICT-II at Hisar 16) 315 MVA ICT-III at Hisar	PG/BBMB	22-Jun-19	10:16	22-Jun-19	11:33	01:17	R-Ph CVT and wave trap of Kaithal- Hisar line#2 blasted at Hisar sub-station leading to tripping of all other lines from other end. Same time 315 MVA ICT-I, III & III also tripped.	Nil	90	GD-1
4	NR	1) 220kV Dwaraka sector3- Dwaraka sec-1 2) 220kV buscoupler at Naraina	DTL	23-Jun-19	13:48	23-Jun-19	13:59	00:11	As reported by constituents,220kV Dwaraka sector3- Dwaraka sec-1 tripped at 13:51hrs and 220kV buscoupler at Naraina at 13:53hrs and which caused load loss of 250MW at Naraina.	Nil	250	GD-1
5	NER	1) 132 kV Doyang - Sanis 2) 132kV Wokha - Kohima	Nagaland	23-Jun-19	19:22	23-Jun-19	19:56	00:34	At around 19:22 Hrs, Along with 132 kV Doyang - Sanis and 132kV Wokha - Kohima are tripped. And after tripping Kohima (Nagaland) area is totally blackout.Due to this incident, load loss of around 32 MW is observed in Kohima area (Nagaland capital). No generation loss is observed.	Nil	32	GD-1