



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: 11th Oct 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 30th Sep-2019 to 06th Oct-2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 30 सितम्बर-2019 से 06 अक्टूबर-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 30th Sep-2019 to 06th Oct-2019, is available at the NLDC website.

Thanking You.

Yours faithfully,

JGM (SO)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (30 सितम्बर से 06 अक्टूबर 2019 तक)

रिपोर्टिंग तिथि:- 11-Oct-19

(आई० ई० जी० सी० की धारा सख्या-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 (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)	अधिकतम मांग आपूर्ति (मे०वा०)	अधिकतम कमी (मे०वा०)
30-09-2019	45496	1713	42852		37630		18165		2392	179	146535	1892
01-10-2019	46345	1215	43786		39193		19667		2532	121	151523	1336
02-10-2019	44806	911	43295		37446		20317		2692	92	148556	1003
03-10-2019	43726	1929	45902		38789		20523		2743	120	151683	2049
04-10-2019	46614	1765	45177	36	39159		21382		2672	85	155004	1886
05-10-2019	46829	1195	45961		37670		20428		2726	93	153614	1288
06-10-2019	44937	452	42784		36329		19212		2571	28	145833	480

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०घ०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	ऊर्जा आपूर्ति (मि०घ०)	पनबिजली उत्पादन (मि०घ०)	ऊर्जा आपूर्ति (मि०घ०)	पनबिजली उत्पादन (मि०घ०)	ऊर्जा आपूर्ति (मि०घ०)	पनबिजली उत्पादन (मि०घ०)	ऊर्जा आपूर्ति (मि०घ०)	पनबिजली उत्पादन (मि०घ०)	ऊर्जा आपूर्ति (मि०घ०)	पनबिजली उत्पादन (मि०घ०)	ऊर्जा आपूर्ति (मि०घ०)	पनबिजली उत्पादन (मि०घ०)
30-09-2019	929	276	944	103	860	168	354	132	44	24	3131	703
01-10-2019	963	260	960	101	886	162	370	132	45	24	3223	679
02-10-2019	919	234	956	97	836	149	389	131	47	27	3147	637
03-10-2019	971	212	1004	102	881	153	405	138	49	25	3310	630
04-10-2019	963	208	1009	98	899	114	417	137	49	24	3337	582
05-10-2019	984	209	1017	103	881	99	406	130	51	24	3337	564
06-10-2019	976	206	984	95	834	95	404	118	48	24	3247	539

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.8-49.9	<49.9	49.9-50.05	>50.05	Average	FVI
	ऑ० ई० घिड	ऑ० ई० घिड	ऑ० ई० घिड	ऑ० ई० घिड	ऑ० ई० घिड	ऑ० ई० घिड
30-09-2019	8.41	9.87	60.28	29.85	50.01	0.053
01-10-2019	4.16	4.51	79.54	15.95	50.01	0.027
02-10-2019	1.49	2.44	76.39	21.17	50.01	0.027
03-10-2019		6.09	76.44	17.48	50.00	0.032
04-10-2019	4.54	4.56	78.40	17.04	50.00	0.029
05-10-2019	0.39	0.39	76.52	23.09	50.02	0.022
06-10-2019	1.57	1.57	78.08	20.35	50.01	0.022

*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	30-09-2019		01-10-2019		02-10-2019		03-10-2019		04-10-2019		05-10-2019		06-10-2019	
	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	6285	0	6087	0	5852	0	6545	0	6164	0	6331	0	6587	0
	Haryana	7480	0	7457	0	6900	0	7473	122	7106	0	7235	0	6702	0
	Rajasthan	8909	0	8998	0	8702	0	8714	0	8713	0	8640	0	8555	0
	Delhi	4251	0	4424	0	3831	0	4549	0	4312	0	3925	0	3690	0
	UP	13870	1230	14929	280	14788	340	15081	270	15293	390	16485	0	16710	0
	Uttarakhand	1693	0	1760	0	1437	0	1765	0	1782	0	1709	0	1651	0
	HP	1317	0	1406	0	1280	0	1393	9	1374	0	1422	0	1332	0
	J&K	2203	551	2100	525	2284	571	1994	498	2178	545	2033	508	1855	464
	Chandigarh	209	0	209	0	180	0	211	0	196	0	188	0	170	0
WR	Chhattisgarh	3594	0	3500	36	3635	0	3871	0	3866	36	3908	0	3721	0
	Gujarat	11849	0	12554	0	12538	0	13240	0	13431	0	13777	0	12794	0
	MP	8032	0	7701	0	7603	0	8176	0	8177	0	8222	0	7890	0
	Maharashtra	18358	0	18787	0	18370	0	19065	0	18540	0	18271	0	17481	0
	Goa	541	0	541	0	541	0	541	0	541	0	541	0	541	0
	DD	315	0	307	0	289	0	317	0	338	0	329	0	320	0
	DNH	765	0	799	0	750	0	775	0	758	0	790	0	760	0
	Essar steel	295	0	355	0	320	0	317	0	293	0	320	0	320	0
	Andhra Pradesh	7516	0	7988	0	7831	0	7960	0	7756	0	7492	0	7443	0
SR	Telangana	7593	0	8121	0	7706	0	8217	-3	8204	0	8254	0	8435	0
	Karnataka	9050	0	9090	0	7933	0	8390	0	8384	0	8250	0	6881	0
	Kerala	3282	0	3456	0	3404	0	3481	0	3554	0	3135	0	3201	0
	Tamil Nadu	13234	0	13492	0	12564	0	13863	0	14400	0	13810	0	12577	0
	Pondy	373	0	379	0	334	0	395	-1	400	0	370	0	347	0
	Bihar	3645	0	4178	0	4650	0	4612	0	4834	0	5029	0	5121	0
ER	DVC	2854	0	2815	0	2957	0	2916	0	2999	0	2942	0	2800	0
	Jharkhand	1000	0	1093	0	1252	0	1173	0	1320	0	1226	0	1102	0
	Odisha	4012	0	3862	0	3657	0	4107	0	4155	0	4164	0	3859	0
	West Bengal	7368	0	8105	0	8036	0	8231	0	8438	0	7618	0	7058	0
	Sikkim	93	0	94	0	74	0	85	0	83	0	75	0	63	0
NER	Arunachal Pradesh	104	1	113	2	121	3	128	3	125	1	128	1	126	1
	Assam	1533	142	1560	135	1682	68	1734	110	1745	104	1722	62	1636	13
	Manipur	157	2	153	1	147	4	167	4	166	2	162	2	157	2
	Meghalaya	326	0	337	0	327	5	337	0	329	0	310	0	293	0
	Mizoram	99	1	95	2	92	2	92	1	96	1	93	1	83	1
	Nagaland	134	3	132	2	114	3	118	3	129	2	129	2	129	2
	Tripura	250	4	256	3	283	14	282	0	286	1	288	0	277	2

6. Energy Consumption in States (MUs)

Region	States	30-09-2019	01-10-2019	02-10-2019	03-10-2019	04-10-2019	05-10-2019	06-10-2019
NR	Punjab	132.5	131.5	130.3	137.9	135.8	139.3	141.1
	Haryana	148.2	157.0	145.3	151.9	141.4	143.8	142.9
	Rajasthan	197.0	199.9	187.7	189.9	186.9	195.2	185.4
	Delhi	89.2	92.8	79.5	92.6	89.4	82.2	77.8
	UP	258.6	284.2	281.4	298.6	310.0	319.5	326.7
	Uttarakhand	35.9	35.3	30.1	34.7	36.7	35.5	34.3
	HP	25.3	26.5	23.9	26.4	26.4	26.9	25.6
	J&K	37.9	31.7	37.3	34.6	32.7	37.6	39.5
	Chandigarh	3.9	3.9	3.4	4.0	3.8	3.5	3.2
WR	Chhattisgarh	77.2	79.0	80.7	85.2	87.6	89.6	88.0
	Gujarat	260.0	268.3	275.0	294.1	301.2	305.6	290.5
	MP	162.5	159.6	154.3	161.1	168.6	170.7	170.2
	Maharashtra	400.9	409.7	405.2	421.8	408.3	406.3	392.1
	Goa	12.1	12.1	12.1	12.2	12.4	12.4	12.4
	DD	7.0	7.0	6.3	6.2	7.6	7.5	7.3
	DNH	18.0	17.8	16.9	17.6	17.6	18.5	17.3
	Essar steel	5.8	6.5	5.8	5.6	5.5	6.1	6.4
SR	Andhra Pradesh	163.0	168.8	167.7	168.1	164.9	163.3	160.7
	Telangana	167.5	173.4	166.7	173.2	176.9	177.0	174.3
	Karnataka	173.6	176.0	157.0	163.5	162.4	156.7	138.7
	Kerala	67.9	68.9	67.4	69.9	72.4	69.6	64.2
	Tamil Nadu	280.4	290.8	270.5	298.4	314.1	305.9	288.7
	Pondy	7.6	7.9	7.1	8.0	8.4	8.3	7.4
ER	Bihar	56.4	69.9	76.2	82.3	87.7	88.2	93.7
	DVC	59.4	58.6	60.2	60.7	63.5	62.4	59.7
	Jharkhand	19.2	21.8	23.3	24.3	24.8	24.8	24.8
	Odisha	86.6	78.8	78.4	82.4	84.3	85.7	82.1
	West Bengal	131.7	140.1	149.8	154.7	155.3	143.9	143.4
	Sikkim	1.1	1.1	0.8	1.0	1.0	0.9	0.7
NER	Arunachal Pradesh	2.1	2.1	2.1	2.1	2.1	2.1	2.2
	Assam	25.8	25.8	27.9	30.1	30.1	31.7	29.2
	Manipur	2.3	2.4	2.4	2.5	2.5	2.5	2.5
	Meghalaya	6.0	6.2	6.2	6.0	5.9	5.4	5.2
	Mizoram	1.7	1.7	1.8	1.8	1.8	1.8	1.7
	Nagaland	2.4	2.1	2.1	2.0	2.2	2.1	2.2
	Tripura	4.2	4.3	4.3	4.6	4.8	5.0	4.8
ALL INDIA TOTAL		3130.8	3223.4	3146.7	3310.2	3336.8	3337.4	3246.9

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

साप्ताहिक रिपोर्ट (30 सितम्बर से 06 अक्टूबर 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	30-09-2019	01-10-2019	02-10-2019	03-10-2019	04-10-2019	05-10-2019	06-10-2019
East to North	-68.0	-61.0	-52.9	-63.7	-74.9	-78.4	-67.6
East to West	52.8	58.2	47.4	34.6	34.6	30.3	36.8
East to South	-48.7	-63.2	-65.0	-65.1	-82.0	-81.0	-76.7
East to North-East	-6.6	-5.8	-5.0	-7.5	-4.2	-1.4	-1.8
North-East to North	-16.9	-16.9	-16.2	-14.7	-14.9	-12.2	-13.6
West to North	-127.4	-130.2	-111.3	-112.1	-104.6	-99.0	-82.2
West to South	-38.2	-45.1	-33.6	-41.6	-37.9	-40.7	-51.1

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

साप्ताहिक रिपोर्ट (30 सितम्बर से 06 अक्टूबर 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)
30-09-2019	43.4	1809	-3.0	-201	-123	-21.9	-1069	-912
01-10-2019	42.4	1768	-0.9	-141	-38	-21.5	-1054	-898
02-10-2019	43.1	1795	-1.1	-182	-47	-22.5	-1059	-936
03-10-2019	43.4	1809	-1.4	-168	-57	-23.9	-1080	-994
04-10-2019	42.2	1758	-1.5	-141	-61	-17.5	-1042	-730
05-10-2019	39.1	1628	-1.2	-80	-49	-24.4	-1058	-1017
06-10-2019	36.3	1511	0.5	-29	19	-25.2	-1058	-1048
कुल Total	289.9		-8.6			-156.8		

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	WR	400kV Bus-II at Chorania 400/220kV ICT-3 at Chorania 400kV BR-2 at Chorania 400kV Amrelli-Chorania-1 400kV Asoj-Chorania-2 400kV Bachau-Chorania-1 400kV Chorania-Charal-1 400kV Kasor-Chorania-1	GEB	01-Oct-19	09:15	01-Oct-19	10:53	01:38	At 09:15hrs, 400kV Bus-2 along with along with 6 no. of 400kV lines, 400kV BR and 400/220kV ICT-3 tripped due to B ph fault on 400kV Chorania-Asoj line-2(Bus bar protection operated) at Chorania.	Nil	Nil	GI-II
2	NER	132 kV Pare - Lekhi 132 kV Lekhi-Nirjuli	DoP AP & POWERGRID	01-Oct-19	12:27	01-Oct-19	12:35	00:08	At 12:27 Hrs of 01/10/2019, 132 kV Pare – Lekhi tripped (Indication: Pare: Dir: Over Current, Lekhi: No tripping) causing blackout of 132 kV Lekhi & Nirjuli bus.	Nil	34	GD-1
3	NER	132 kV Balipara - Khupi 132 kV Khupi -Tenga	DoP AP	02-Oct-19	10:37	02-Oct-19	11:08	00:31	At 10:37 Hrs of 02/10/2019, 132 kV Balipara - Tenga T/L tripped with Indication (Balipara: B-N ph, Z-II,53 km; Tenga : Details awaited) resulting in blackout of 132 kV Khupi S/S, 132 kV Tenga S/S and tripping of Dikshi generation. Due to this incident Khupi area of Arunachal Pradesh state was affected. Load loss of around 34 MW is observed along with generation loss around 11 MW	11	34	GD-1
4	NER	132 kV Badarpur - Panchgram 132 kV Panchgram - Hailakandi	POWERGRIDAEGCL	04-Oct-19	18:21	04-Oct-19	18:39	00:18	At around 18:21 Hrs of 04/10/2019, 132 kV Panchgram - Badarpur line was trip from panchgram end due to R-phase CT connector snapped at Panchgram end . Subsequently ,132 kV Panchgram - Hailakandi line was also trip .causing blackout of 132 kV Panchgram bus. Due to the disturbance, Load loss of around 45 MW was observed at Panchgram area of Assam. No generation loss was observed	Nil	45	GD-1
5	WR	220kV Bus-1 at Vapi 400/220kV Vapi ICT-1 400/220kV Vapi ICT-3 220kV Vapi-Bhilosa line 220kV Vapi-Bhilad-2 220kV Vapi-Bhilad-3 220kV Vapi-Sayali S/C 220kV Vapi- Vapi(GETCO) S/C 220kV Vapi- Magarwada-1	POWERGRID	04-Oct-19	22:53	05-Oct-19	00:20	01:27	As reported by RTAMC Vadodara, while charging 220kV Vapi-Bhilosa S/C through TBC due to problem in the Main breaker, LBB of Bus-1 associated with Main breaker of Bhilosa line operated and 220kV Bus-1 at Vapi tripped along with all connected feeders	Nil	Nil	GI-I
6	WR	400kV Dabhol-Nagothane-1 400kV Dabhol Bus-1	RGPP	04-Oct-19	22:07	04-Oct-19	22:55	00:48	As reported by RGPP, Dabhol , at 22:07hrs they were attempting to open the line isolator of 400kV Nagothane feeder-2 as the breaker has become inoperative due to trip coil problem. While opening the isolator, Bus-1 tripped and unit 3B along with 3X(WHRB) tripped. 400kV Dabhol-Nagothane-1 tripped at Nagothane end on D/T receipt. Only unit 2B along with WHRB in service on Bus-2 and 400kV Dabhol-New Koyana-1 remained in service	268	0	GD-1
7	NER	132 kV Balipara - Tenga 132 kV Tenga- Khupi	DoP AP	04-Oct-19	22:11	04-Oct-19	22:29	00:18	At 22:11 Hrs of 04/10/2019, 132 kV Balipara - Tenga T/L tripped with Indication (Balipara: Y ph, Z-II, 60 km Back up E/F; Tenga : E/F) resulting in blackout of 132 kV Tenga S/S ,132 kV Khupi S/S and tripping of Dikshi generation. Due to this incident Khupi area of Arunachal Pradesh state was affected. Load loss of around 16 MW is observed along with generation loss around 12 MW.	12	16	GD-1
8	NR	400kV Samath-Anpara D/C 400kV Samath-Asimgarh 400kV Samath-varnasi D/C 400/220kV ICT-1 , 2 &3 400kV Anpara-Mau	UPPCL	05-Oct-19	17:46	05-Oct-19	18:46	01:00	UP reported, 400kV varnasi(PG)-Samath ckt 1 current transformer busted at 400kV Samathstation, Caused the operation of Bus bar protection at Samath which leads to multiple elements trippings at samath end	0	300	GD-1