



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: 08th March 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., डोंगतेह, लोअर नॉग्रह , लापलंग, शिलॉंग - 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 25th Feb 2019 to 03rd Mar 2019.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 25 फरवरी 2019 से 03 मार्च 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 25th Feb 2019 to 03rd March 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 (25 फरवरी से 03 मार्च 2019 तक)

रिपोर्टिंग तिथि:- 8-Mar-19

(आई० ई० जॉ० सी० को 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)
25-02-2019	42685	547	47731		44943		16814		2419	70	154592	617
26-02-2019	43345	662	45866		44555		16626		2403	59	152795	721
27-02-2019	42750	842	46510		45059		15422		2307	82	152048	924
28-02-2019	42751	842	46510		45421		15670		2286	119	152638	961
01-03-2019	43710	1109	46506		44951		16086		2451	31	153704	1140
02-03-2019	42142	1314	47050	2	44947		17111		2439	71	153689	1387
03-03-2019	37981	555	43641		42215		16233		2362	43	142432	598

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)	ऊर्जा आपूर्ति (मि०यू०)	पनबिजली उत्पादन (मि०यू०)
25-02-2019	889	152	1124	24	1044	82	340	28	42	3	3440	290
26-02-2019	887	145	1117	24	1060	80	344	30	40	3	3448	282
27-02-2019	869	144	1102	22	1076	75	336	28	41	3	3424	272
28-02-2019	869	144	1102	22	1080	79	335	28	38	3	3423	276
01-03-2019	916	144	1098	27	1089	76	345	30	41	3	3489	279
02-03-2019	882	144	1108	27	1073	66	359	26	43	4	3465	267
03-03-2019	798	142	1072	23	1022	59	354	25	40	4	3287	253

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
25-02-2019	2.35	2.56	63.75	33.69	50.03	0.039
26-02-2019	2.35	2.56	63.75	33.69	50.00	0.039
27-02-2019	1.60	1.60	69.13	29.27	50.02	0.031
28-02-2019	1.00	1.00	65.65	33.36	50.03	0.038
01-03-2019	4.33	5.29	66.89	27.82	50.01	0.050
02-03-2019	10.01	10.09	62.38	27.52	50.01	0.052
03-03-2019	11.08	12.30	65.81	21.89	49.99	0.056

*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

1. 400/220 kV ICT-I at Talaricheruru first time charged on 25-02-2019 at 20:08 hrs.
2. 765 kV Banaskantha-Chittorgarh-I alongwith L/R at both end first time charged on 28-02-2019 at 19:13 hrs.
3. Bus reactor at 400 kV Bhuj S/S first time charged on 01-03-2019 at 00:51 hrs.
4. 765/400 kV Bhuj ICT-II first time charged on 01-03-2019 at 16:39 hrs.

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

Region	Date	25-02-2019		26-02-2019		27-02-2019		28-02-2019		01-03-2019		02-03-2019		03-03-2019	
	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	5074	0	5121	0	5070	0	5070	0	5356	0	5189	0	4894	0
	Haryana	5836	0	5896	68	6085	0	6085	0	6080	0	5801	0	4893	0
	Rajasthan	11609	0	11679	69	11418	0	11418	0	11428	0	11235	0	11040	0
	Delhi	3597	0	3713	0	3844	0	3844	0	3952	0	3695	0	3743	0
	UP	14018	0	14556	0	13663	260	13663	260	14458	370	13470	790	12195	20
	Uttarakhand	1903	0	1921	0	1939	0	1939	0	2002	0	1934	0	1647	0
	HP	1592	0	1583	15	1613	40	1613	40	1683	0	1637	0	1534	1
	J&K	2188	547	2348	587	2303	576	2303	576	2533	633	2409	602	2312	578
Chandigarh	208	0	208	0	215	0	215	0	223	0	206	0	182	0	
WR	Chhattisgarh	3866	0	3989	0	4048	0	4048	0	4092	0	4055	0	3909	0
	Gujarat	15051	0	15027	0	14237	0	14237	0	14757	0	14475	0	14816	0
	MP	12072	0	12388	0	11550	0	11550	0	12008	0	12323	0	10978	0
	Maharashtra	20813	0	20774	0	20693	0	20693	0	19833	0	20456	0	19509	0
	Goa	532	0	532	0	532	0	532	0	475	0	467	0	432	0
	DD	300	0	309	0	321	0	321	0	315	0	318	0	310	0
	DNH	780	0	783	0	794	0	794	0	750	0	748	0	763	0
Essar steel	625	0	679	0	659	0	659	0	452	0	297	0	249	0	
SR	Andhra Pradesh	8780	0	8877	0	8969	0	8690	0	8678	0	8468	0	8355	0
	Telangana	9916	0	10054	0	10196	0	9847	0	10119	0	9910	0	9594	0
	Karnataka	11760	0	11736	0	11783	0	12012	0	12476	0	11846	0	10997	0
	Kerala	3806	0	3825	0	3827	0	3845	0	3749	0	3713	0	3551	0
	Tamil Nadu	15042	0	14928	0	14845	0	15562	0	15426	0	15484	0	13882	0
	Pondy	379	0	388	0	378	0	399	0	386	0	376	0	341	0
ER	Bihar	4173	0	4112	0	3406	0	3914	0	3969	0	3995	0	3989	0
	DVC	3203	0	2974	0	3005	0	3057	0	3021	0	2989	0	2918	0
	Jharkhand	999	0	1000	0	1000	0	1000	0	1000	0	1074	0	1006	0
	Odisha	4303	0	4035	0	3985	0	3865	0	3975	0	4507	0	4425	0
	West Bengal	6267	0	6172	0	5802	0	6126	0	6416	0	6402	0	5947	0
	Sikkim	97	0	95	0	100	0	97	0	100	0	100	0	94	0
NER	Arunachal Pradesh	132	3	142	0	106	2	122	2	112	3	123	2	119	1
	Assam	1408	43	1383	33	1383	40	1397	7	1402	23	1421	54	1375	37
	Manipur	186	4	179	3	176	2	193	2	188	2	192	3	185	2
	Meghalaya	371	0	382	0	347	0	375	0	353	0	355	0	357	0
	Mizoram	93	1	102	0	100	2	97	3	93	1	97	2	90	1
	Nagaland	117	2	119	2	115	2	107	3	128	2	126	1	121	1
	Tripura	217	0	221	8	220	5	205	9	205	1	233	1	211	3

6. Energy Consumption in States (MUs)

Region	States	25-02-2019	26-02-2019	27-02-2019	28-02-2019	01-03-2019	02-03-2019	03-03-2019
NR	Punjab	101.8	100.3	101.6	101.6	106.8	105.9	93.1
	Haryana	117.4	117.4	117.2	117.2	123.7	111.9	95.0
	Rajasthan	232.4	228.8	222.5	222.5	231.3	223.6	212.0
	Delhi	61.4	64.1	66.1	66.1	65.4	63.0	60.2
	UP	261.4	259.6	241.9	241.9	268.0	258.0	230.0
	Uttarakhand	35.9	36.2	37.0	37.0	37.0	36.8	31.7
	HP	28.6	29.8	30.8	30.8	29.5	30.4	26.9
	J&K	46.7	47.3	48.2	48.2	50.5	48.8	46.0
	Chandigarh	3.3	3.3	3.5	3.5	3.4	3.4	2.9
WR	Chhattisgarh	82.4	89.8	92.1	92.1	92.3	92.3	90.0
	Gujarat	326.2	319.2	314.6	314.6	322.6	322.6	319.7
	MP	226.5	223.9	212.0	212.0	222.6	223.5	203.8
	Maharashtra	439.4	433.9	432.9	432.9	420.9	431.1	419.7
	Goa	10.9	10.9	10.9	10.9	9.7	10.0	10.0
	DD	6.7	6.9	7.2	7.2	7.1	7.2	7.0
	DNH	18.2	18.4	18.5	18.5	17.7	17.3	18.0
	Essar steel	13.9	14.3	14.0	14.0	5.4	4.3	4.2
SR	Andhra Pradesh	190.1	194.2	199.6	196.8	192.9	190.8	189.7
	Telangana	217.3	218.5	219.5	215.5	218.9	214.6	218.4
	Karnataka	235.1	234.5	237.7	246.3	251.6	247.3	222.6
	Kerala	75.2	77.1	78.2	77.8	77.0	77.6	71.5
	Tamil Nadu	318.5	327.6	332.8	335.5	340.9	334.6	312.9
	Pondy	7.6	7.7	7.9	8.1	8.1	7.8	7.4
ER	Bihar	72.5	73.0	62.3	63.8	69.1	70.7	71.3
	DVC	61.3	61.3	64.1	63.7	62.5	64.4	62.7
	Jharkhand	17.4	21.1	21.1	20.7	21.0	23.3	22.9
	Odisha	76.4	75.0	77.4	75.9	75.3	86.2	86.8
	West Bengal	111.8	112.5	109.7	109.3	115.4	113.0	109.4
	Sikkim	1.2	1.3	1.6	1.2	1.4	1.5	1.3
NER	Arunachal Pradesh	1.9	2.2	2.2	2.3	2.1	2.1	2.1
	Assam	23.7	22.8	22.4	19.8	22.9	23.6	22.3
	Manipur	2.7	2.1	2.7	2.7	2.5	2.7	2.4
	Meghalaya	6.5	6.6	6.4	6.6	6.7	6.8	6.4
	Mizoram	1.9	1.7	1.7	1.8	1.8	1.8	1.5
	Nagaland	2.1	2.1	2.1	2.0	2.1	2.2	2.1
	Tripura	3.7	2.9	3.5	2.8	3.4	3.7	3.1
ALL INDIA TOTAL		3440.0	3448.4	3423.8	3423.4	3489.3	3464.6	3286.8

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

साप्ताहिक रिपोर्ट (25 फरवरी से 03 मार्च 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	25-02-2019	26-02-2019	27-02-2019	28-02-2019	01-03-2019	02-03-2019	03-03-2019
East to North	-58.1	-50.9	-61.5	-70.5	-56.7	-55.1	-53.8
East to West	26.2	22.1	29.1	31.1	39.0	47.3	38.3
East to South	-108.6	-106.0	-108.9	-108.7	-107.4	-109.1	-108.3
East to North-East	9.7	9.4	9.2	11.1	12.3	11.7	12.1
North-East to North	14.5	14.3	14.4	16.1	16.3	16.2	16.1
West to North	-126.8	-145.6	-138.4	-137.8	-141.4	139.0	-111.4
West to South	-97.9	-95.8	-96.6	-96.6	-106.3	-106.3	-107.3

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

साप्ताहिक रिपोर्ट (25 फरवरी से 03 मार्च 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)
25-02-2019	2.0	84	-6.5	-294	-272	-19.1	-987	-794
26-02-2019	1.0	40	-6.6	-294	-276	-18.3	-963	-761
27-02-2019	-0.1	-6	-6.5	-296	-270	-17.4	-903	-723
28-02-2019	1.4	59	-6.6	-304	-276	-16.6	-982	-693
01-03-2019	1.3	55	-6.4	-294	-267	-16.4	-876	-682
02-03-2019	1.0	40	-6.4	-298	-266	-19.1	-988	-795
03-03-2019	1.2	52	-6.7	-297	-279	-19.4	-980	-807
कुल Total	7.8		-45.8			-126.1		

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	NR	1) 400kV Ballabgarh(PG)-Kanpur(PG)-1 2) 400kV Ballabgarh(PG)-Kanpur(PG)-2 3) 400kV Ballabgarh(PG)-Kanpur(PG)-3 4) 400kV Ballabgarh(PG)-Mainpuri(PG)-2 5) 400kV Bus-3 at Ballabgarh(PG)	POWERGRID	25-02-2019	10:03	25-02-2019	11:12	01:09	400kV Bus-4 was to be taken under shutdown. Inadvertently, earth switch of Bus-3 was applied in place of Bus-4 resulted in tripping of all elements connected to Bus-3. As per PMU data, R-N fault occurred.	Nil	Nil	GI-2
2	NR	1) 400kV Dadri(NTPC)-Panipat(BBMB) Ckt-1 2) 400kV Dadri(NTPC)-Muradnagar(UP)	NTPC/BBMB/UP	25-02-2019	23:46	26-02-2019	06:02	06:16	400kV Dadri(NTPC)-Panipat(BBMB)-1 and 400kV Dadri(NTPC)-Muradnagar(UP) tripped on over voltage. As per PMU data, Voltage dip observed. (Dadri PMU data didn't report).	Nil	Nil	GI-2
3	NR	1) 315 MVA ICT 1 at 400/220kV Suratgarh(Raj) 2) 315 MVA ICT 2 at 400/220kV Suratgarh(Raj)	Rajasthan	27-02-2019	3:32	27-02-2019	07:05	03:33	315 MVA ICT 1 & 2 at 400/220kV Suratgarh(Raj) tripped due to overfluxing. 400kV Bikaner(Raj)-Suratgarh(Raj) and 400kV Bikaner(Raj)-Suratgarh(Raj) SC 1 also tripped at 0344 Hrs and 0345Hrs on overvoltage. As per PMU, No fault is observed in the system. In antecedent conditions, 315 MVA ICT 1 & 2 carrying 89 MW each.	Nil	Nil	GI-2
4	ER	1) 400 kV Koderma - Bokaro - I 2) 400 kV Koderma - Biharshariff - I 3) 400 kV bus - I at Koderma 4) Unit I & II at Koderma	DVC	43521	21:32	26-02-2019	0:16	2:44	At 21:32 hrs 400 kV Biharshariff Koderma I & 400 kV Bokaro Koderma I tripped from both ends along with bus I and two running units LBB protection operated for tie bay between ST-I & GT-I. It is reported that insulation failure occurred in CT associated with GT 1 which was about to be synchronised.	900	0	GI-II
5	ER	1) 400 kV Meramundali - New Duburi - D/C 2) 400 kV Meramundali - Mendasal S/C 3) 400/220 kV ICT - I at Meramundali 4) 400 kV bus - I at Meramundali	OPTCL	43522	17:50	26-02-2019	18:50	1:00	At 17:50 hrs, 400 kV bus I at Meramundali tripped due to LBB operation of tie breaker between 400 kV Meramundali - New Duburi - I and 400 kV Meramundali - Mendasal S/C resulting tripping of all elements from bus I at Meramundali. No effect in 220 kV bus as other ICT was in service.	0	0	GI-II