



National Load Despatch Centre
पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
POWER SYSTEM OPERATION CORPORATION LIMITED
(A wholly owned subsidiary of POWERGRID)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 19th March 2015

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र , अंधेरी, मुंबई - 400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri(East), Mumbai-400093
4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006
General Manager, 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 09th March 2015 to 15th March 2015.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, - 09th March 2015 to 15th March 2015, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 09th March 2015 to 15th March 2015, is available at the NLDC website, at the following link.

<http://www.nldc.in/attachments/article/267/Weekly%20090315%20to%20150315.pdf>

Thanking You.

Yours faithfully,

N. Nallarasah
DGM (SO)
NLDC

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (09 मार्च से 15 मार्च -2015 तक)

रिपोर्टिंग तिथि:- 19-Mar-15

(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)
09-03-2015	32028	1512	38801	167	33360	1562	16427	359	2052	164	122668	3764
10-03-2015	32901	1269	39073	156	33704	1218	16730	300	2074	198	124482	3141
11-03-2015	34079	880	38958	212	34268	932	16399	448	2023	239	125727	2711
12-03-2015	34358	1016	38053	131	34577	1200	17026	498	1995	285	126009	3130
13-03-2015	33864	1501	37065	118	34846	1178	16805	0	2053	209	124633	3006
14-03-2015	31696	1183	36776	174	33482	1458	17240	0	1937	280	121131	3095
15-03-2015	29045	584	34154	120	31797	1118	15766	0	2050	133	112812	1955

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०वू०)

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
	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)	(मि०वू०)
09-03-2015	675	119	900	41	785	83	331	24	35	4	2725	271
10-03-2015	711	121	901	39	809	81	337	24	36	4	2795	267
11-03-2015	727	123	911	37	818	71	335	23	36	4	2827	257
12-03-2015	735	116	904	35	829	76	337	21	36	3	2841	252
13-03-2015	731	117	871	34	843	91	345	23	36	3	2826	269
14-03-2015	677	110	856	40	832	93	346	26	35	3	2746	272
15-03-2015	609	112	809	36	799	70	335	23	35	3	2586	244

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
09-03-2015	12.15	13.29	61.62	25.09	50.00	0.061
10-03-2015	11.08	12.29	65.10	22.60	49.99	0.063
11-03-2015	18.43	21.00	61.17	17.84	49.97	0.081
12-03-2015	7.81	8.15	66.19	25.66	50.00	0.054
13-03-2015	14.50	16.45	65.63	17.93	49.98	0.071
14-03-2015	24.46	30.15	53.07	16.78	49.98	0.083
15-03-2015	4.24	4.72	64.44	30.83	50.01	0.050

*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

On 09.03.2015 at 21:22 hrs & 21:25 hrs, 220 kV Hiriyur-Gowribidnor-I & II.

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

Region	Date	09-03-2015		10-03-2015		11-03-2015		12-03-2015		13-03-2015		14-03-2015		15-03-2015	
	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	4373	0	4469	0	4330	0	4443	0	4442	0	4269	0	3953	0
	Haryana	5032	0	5397	0	5349	68	5781	0	5761	0	5512	0	4968	0
	Rajasthan	7853	0	8589	0	8394	0	8533	0	8274	0	7474	0	6035	0
	Delhi	3105	0	3203	0	3219	0	3186	0	3290	0	3116	0	3048	0
	UP	10196	2345	10453	1925	10199	2075	10551	2345	10079	1385	10314	1545	8529	780
	Uttarakhand	1655	75	1604	150	1751	0	1628	80	1676	80	1654	75	1581	0
	HP	1145	0	1276	0	1303	0	1306	0	1350	0	1282	0	1165	0
	J&K	1809	319	1932	341	1911	337	1933	341	1864	329	1885	333	1867	329
Chandigarh	183	0	189	0	187	0	185	0	185	0	185	0	168	0	
WR	Chhattisgarh	3361	96	3401	96	3515	96	3391	0	3474	0	3513	0	3542	0
	Gujarat	11581	0	11682	0	11846	0	11979	0	11860	8	11763	0	11178	0
	MP	6617	0	6854	0	7042	0	6578	0	6168	0	5707	0	4910	0
	Maharashtra	18263	63	17860	65	17669	62	17012	51	17019	46	16855	48	15644	51
	Goa	396	0	548	0	428	0	440	0	430	0	429	0	398	0
	DD	284	0	288	0	290	0	284	0	287	0	290	0	283	0
	DNH	690	0	690	0	699	0	706	0	677	0	691	0	692	0
	Essar steel	536	0	589	0	527	0	508	0	573	0	581	0	569	0
SR	Andhra Pradesh	6228	0	6444	0	6232	0	6479	0	6624	0	6411	0	6280	6
	Telangana	5554	0	5809	0	5796	300	5955	300	6052	300	6161	135	6155	135
	Karnataka	7960	435	8241	300	8496	400	8570	600	8813	400	9101	400	8186	400
	Kerala	3361	132	3353	30	3461	35	3511	125	3549	30	3204	0	2901	30
	Tamil Nadu	12438	878	12261	851	12367	819	12472	824	12766	824	12004	851	11539	725
	Pondy	311	0	305	0	310	0	311	0	324	0	312	0	278	0
ER	Bihar	2699	60	2725	250	2560	200	2719	250	2642	0	2628	0	2625	0
	DVC	2326	50	2355	0	2410	0	2294	0	2579	100	2554	120	2448	0
	Jharkhand	930	0	1054	0	1045	0	1059	0	1034	0	1093	0	1043	0
	Odisha	3565	0	3553	0	3504	100	3553	200	3583	0	3850	0	3621	0
	West Bengal	7088	0	7061	0	7104	48	7442	48	7221	0	7096	0	6562	0
	Sikkim	97	0	100	0	114	0	99	0	124	0	124	0	89	0
NER	Arunachal Pradesh	86	6	95	0	95	0	94	9	92	3	89	1	92	0
	Assam	1160	96	1130	152	1130	140	1089	233	1185	118	1130	157	1150	89
	Manipur	118	6	130	0	127	3	129	2	128	1	124	1	135	0
	Meghalaya	322	0	327	3	343	2	332	6	304	21	320	5	293	7
	Mizoram	78	4	80	2	80	2	81	2	79	3	78	0	75	3
	Nagaland	110	6	112	4	110	6	110	7	113	3	113	2	106	4
	Tripura	188	29	227	3	227	1	202	25	205	3	201	7	219	6

6. Energy Consumption in States (MUs)

Region	States	09-03-2015	10-03-2015	11-03-2015	12-03-2015	13-03-2015	14-03-2015	15-03-2015
NR	Punjab	76.8	79.0	81.8	83.4	84.1	83.8	73.9
	Haryana	84.3	92.5	93.5	97.1	94.8	91.8	79.2
	Rajasthan	166.8	177.4	180.7	183.7	175.4	138.9	113.1
	Delhi	55.6	56.5	57.3	57.2	58.8	55.7	53.7
	UP	204.0	208.9	213.7	213.8	216.8	207.0	193.8
	Uttarakhand	30.7	32.6	33.1	32.9	33.0	32.7	31.0
	HP	22.4	23.5	23.7	23.8	24.6	24.2	22.2
	J&K	30.7	37.6	39.6	40.0	40.7	39.9	38.7
Chandigarh	3.3	3.3	3.4	3.3	3.4	3.3	3.0	
WR	Chhattisgarh	77.8	78.2	80.8	82.7	82.1	76.3	81.7
	Gujarat	256.0	259.6	263.7	265.9	251.6	256.1	247.7
	MP	145.0	145.6	149.2	140.2	127.6	118.9	98.1
	Maharashtra	378.9	375.3	376.6	371.2	366.5	360.8	339.7
	Goa	8.5	8.7	9.0	11.0	9.1	9.1	8.0
	DD	6.4	6.4	6.5	6.5	6.5	6.5	6.3
	DNH	15.7	15.8	16.1	16.2	15.9	16.2	16.0
Essar steel	11.2	11.4	9.6	10.7	11.8	11.8	11.8	
SR	Andhra Pradesh	143.1	143.7	144.0	145.9	145.8	146.7	146.2
	Telangana	127.4	134.6	135.5	138.4	141.4	143.2	138.8
	Karnataka	168.8	178.5	184.2	189.1	194.8	192.4	181.2
	Kerala	62.7	64.7	65.6	66.6	68.0	61.4	58.2
	Tamil Nadu	276.5	280.6	282.3	282.8	285.9	282.0	268.2
	Pondy	6.4	6.4	6.5	6.5	6.7	6.6	6.0
ER	Bihar	52.2	52.6	52.7	53.2	52.8	52.4	50.1
	DVC	55.7	58.2	55.5	55.9	58.3	55.5	55.3
	Jharkhand	20.5	21.1	21.9	21.5	23.1	22.3	22.1
	Odisha	69.2	67.6	67.5	67.6	68.3	70.7	69.4
	West Bengal	131.9	136.5	136.4	137.0	141.2	143.4	136.1
	Sikkim	1.5	1.4	1.4	1.7	1.4	1.6	1.5
NER	Arunachal Pradesh	1.4	1.4	1.4	1.5	1.4	1.5	1.4
	Assam	21.4	22.3	21.5	21.8	21.2	21.9	20.4
	Manipur	1.8	1.7	2.0	2.0	2.0	1.9	1.9
	Meghalaya	4.3	5.0	5.1	5.0	5.1	4.9	5.2
	Mizoram	1.1	1.2	1.2	1.2	1.2	1.1	1.1
	Nagaland	2.2	2.4	2.2	2.1	2.3	1.9	2.3
	Tripura	3.1	2.2	2.2	2.1	2.5	2.1	2.4
ALL INDIA TOTAL		2725.2	2794.5	2827.4	2841.4	2825.9	2746.5	2585.6

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

साप्ताहिक रिपोर्ट (09 मार्च से 15 मार्च -2015 तक)²
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

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

दिनांक	09-03-2015	10-03-2015	11-03-2015	12-03-2015	13-03-2015	14-03-2015	15-03-2015
East to North	-22.0	-26.0	-26.2	-11.0	-26.0	-17.9	-26.0
East to West	-1.0	1.5	-1.0	2.9	-0.6	2.8	-0.2
East to South	-65.0	-66.0	-63.5	-66.0	-65.0	-65.3	-65.0
East to North-East	-9.0	-9.0	-8.3	-9.0	-7.0	-9.0	-10.0
West to North	-23.5	-35.7	-12.1	-27.9	-32.5	-16.9	-17.0
West to South	-31.6	-27.8	-30.8	-31.8	-31.9	-34.0	-34.1

भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH साप्ताहिक रिपोर्ट (09 मार्च से 15 मार्च -2015 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			बांग्लादेश BANGLADESH		
	Energy Exchange (In MU)	Day Average (MW)	Energy Exchange (In MU)	Day Peak (MW)	Day Average (MW)	Energy Exchange (In MU)	Day Peak (MW)	Day Average (MW)
09-03-2015	2.1	88	-3.7	-196	-152	-10.2	-453	-425
10-03-2015	1.9	80	-3.7	-196	-155	-10.1	-449	-421
11-03-2015	1.3	54	-3.7	-182	-155	-10.0	-448	-417
12-03-2015	1.9	79	-4.0	-191	-167	-10.0	-447	-417
13-03-2015	2.0	82	-4.0	-202	-168	-10.0	450	-417
14-03-2015	2.3	94	-4.0	-191	-166	-10.1	-454	-421
15-03-2015	2.2	91	-3.7	-169	-155	-10.2	-453	-424
कुल Total	13.6		-26.8			-70.6		

8). Major Grid Incidences(Provisional):-

Region	Name of Element	Owner / Agency	Outage		Revival		Outage Duration	Event	Generation Loss(MW)	Load Loss (MW)	Category as per CEA Grid Standards
			Date	Time	Date	Time	Time				
NR	1). 400kV Kishenpur-New Wanpoh -I 2). 400kV New Wanpoh-Wagoora D/C 3). Unit-I,II,III and IV at Uri HEP	PG/NHPC	9-Mar-15	9:39	9-Mar-15	10:04	0:25	400kV Kishenpur-New Wanpoh ckt-2 was already under open condition due to high voltage & 400kV Kishenpur-New wanpoh ckt-1 also tripped on R-phase to ground fault. It resulted into high frequency in the valley area & Uri-I HEP generation tripped on over frequency protection.(220kV Mirbazar-Pampore D/C is already out)	465	Nil	GD-I
ER	1). 220 kV Gaya-Bodhgaya I & II 2). 220 kV Bodhgaya-Biharsariff I & II 3). 220/132 kV ATR 1,2 & 3 at Bodhgaya 4). 132 kV Bodhgaya-Gaya ckt 3&4	BSPTCL	10-Mar-15	23:02	11-Mar-15	0:35	1:33	Due to bursting of R-phase CT of 220 kV Gaya(PG)-Bodhgaya-I at Bodhgaya end multiple trippings occurred and Bodhgaya substation became completely dark	Nil	220	GD-I
SR	1). 220kV Kaiga-Kodasalli 2). Kaiga Unit-I and II	KPCL	11-Mar-15	21:59	11-Mar-15	23:19	1:20	Failure of B-phase current transformer in 220kV Kaiga-Kodasalli line at Kaiga caused tripping of 220kV Kodasalli line, Units-2&3 and Unit-1 went into house load operation.	670	Nil	GD-I
NR	1). 400kV Anpara-Obra 2). 400kV Obra-Bara 3). 400kV Obra-Sultanpur 4). 400kV Bara-Panki	UPPTCL	11-Mar-15	6:04	11-Mar-15	8:13	2:09	Due to Bus Fault at Obra all elements given in column C tripped.	257	Nil	GD-I
SR	1). 220kV Ambewadi-Ponda D/C 2). 220kV Ambewadi-Nagjheri D/C 3). 220kV Ambewadi-Narendra D/C 4). 220/110kV ICT-I at Ambewadi	KPTCL/GOA	12-Mar-15	7:51	12-Mar-15	15:23	7:32	Y-B-E fault occurred in 220kV Ambewadi-Nagjheri line-2 due to snapping of conductor. The distance protection at both the ends had operated sensing the Y-B-E fault in line. The breaker at Nagjheri end got tripped and fault was cleared from Nagjheri end. The circuit breaker at Ambewadi was under lockout end Due to CB air pressure low. 220kV Ambewadi station is on a single bus operation and LBB protection is not healthy. This resulted in tripping of lines connected to Ambewadi from remote ends i.e, Nagjheri line-1, Narendra-1&2 on Zone-2 protection. 220/110kV ICT at Ambewadi station tripped on operation of back up directional earth fault protection on LV side. 220/110kV ICT-2 at Ambewadi station was not in service.	Nil	Nil	GI-I
ER/SR	1). 400kV Jeypore-Gazuwaka D/C 2). Gazuwaka Pole-I and II	PG	14-Mar-15	17:12	14-Mar-15	17:36	0:24	Due to LA blast in Filter bank of Gazuwaka HVDC block-I, given elements tripped.	Nil	Nil	GI-II
ER	1.400kV Purnea-Malda D/C 2.400kV Farakka-Malda D/C 3. 400/220kV ICT-I and II at Malda	PG/NTPC	15-Mar-15	2:59	15-Mar-15	6:15	3:16	At 400/220 kV Malda s/s ,fault in Y-Phase CT secondary terminal of 400kV Bus coupler at Malda led to fire and both the 400 kV Buses at Malda got dead resulting in tripping of elements given in Column C.	Nil	Nil	GI-II