



National Load Despatch Centre
पावर 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: 01st May 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 , लापालंग, शिलोंग - 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 20th April 2015 to 26th April 2015.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, - 20th April 2015 to 26th April 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 20th April 2015 to 26th April 2015, is available at the NLDC website, at the following link.

<http://www.nldc.in/attachments/article/267/Weekly%20200415%20to%20260415.pdf>

Thanking You.

Yours faithfully,

N. Nallarasan
DGM (SO)
NLDC

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (20 अप्रैल से 26 अप्रैल -2015 तक)

रिपोर्टिंग तिथि:- 1-May-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 (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)
20-04-2015	37791	2733	41627	382	33278	1773	17086	566	1942	273	131724	5727
21-04-2015	39346	2478	37735	139	32544	1571	15436	600	1857	370	126918	5158
22-04-2015	38681	2020	40794	161	33311	1262	15780		1878	305	130444	3748
23-04-2015	38975	1979	42976	139	31097	1291	13105		1903	283	128056	3692
24-04-2015	38520	2233	41859	465	32233	1322	14953	300	1956	268	129521	4588
25-04-2015	37066	2228	40878	185	30470	1480	14122	376	1942	185	124478	4454
26-04-2015	36151	1996	38110	261	29211	1180	14462	450	1969	158	119903	4045

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०वू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	ऊर्जा आपूर्ति (मि०वू०)	पनबिजली उत्पादन (मि०वू०)	ऊर्जा आपूर्ति (मि०वू०)	पनबिजली उत्पादन (मि०वू०)	ऊर्जा आपूर्ति (मि०वू०)	पनबिजली उत्पादन (मि०वू०)	ऊर्जा आपूर्ति (मि०वू०)	पनबिजली उत्पादन (मि०वू०)	ऊर्जा आपूर्ति (मि०वू०)	पनबिजली उत्पादन (मि०वू०)	ऊर्जा आपूर्ति (मि०वू०)	पनबिजली उत्पादन (मि०वू०)
20-04-2015	791	181	1008	58	792	96	363	38	32	5	2986	378
21-04-2015	842	185	965	41	804	88	358	34	32	5	3000	352
22-04-2015	841	187	1017	60	805	74	335	31	29	5	3027	357
23-04-2015	852	186	1009	46	800	70	322	34	30	8	3013	344
24-04-2015	862	197	1000	36	757	54	301	34	30	12	2950	332
25-04-2015	829	201	993	30	722	56	275	27	31	7	2850	321
26-04-2015	802	207	949	44	709	53	299	28	34	6	2793	338

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
20-04-2015	23.39	32.47	56.44	11.10	49.94	0.141
21-04-2015	4.81	5.79	63.91	30.30	49.97	0.074
22-04-2015	12.75	13.13	59.20	27.67	50.00	0.074
23-04-2015	6.76	7.07	56.96	35.97	50.00	0.074
24-04-2015	3.06	3.40	56.25	40.35	50.03	0.067
25-04-2015	2.73	2.88	42.87	54.25	50.07	0.102
26-04-2015	3.28	3.51	63.09	33.40	50.03	0.071

*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	20-04-2015		21-04-2015		22-04-2015		23-04-2015		24-04-2015		25-04-2015		26-04-2015	
	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	4900	0	5372	0	5330	0	5549	0	5764	0	5746	0	5574	0
	Haryana	6002	0	6027	0	5943	0	5857	0	6221	0	6146	0	6146	0
	Rajasthan	7889	0	8015	0	7994	0	8123	0	7866	0	7853	0	8022	0
	Delhi	3931	81	4037	0	4055	2	4126	0	4355	0	3900	0	3676	0
	UP	10539	3655	11214	3485	11791	2555	11532	3055	12009	1440	11312	570	10704	2020
	Uttarakhand	1751	75	1762	75	1725	75	1745	75	1701	75	1606	40	1677	0
	HP	1159	0	1159	0	1233	0	1233	0	1230	0	1195	0	1138	0
	J&K	1832	366	1840	368	1882	376	1858	372	1881	376	1831	366	1809	362
Chandigarh	219	0	227	0	226	0	229	0	231	0	223	0	197	0	
WR	Chhattisgarh	3653	96	3623	0	3543	0	3594	96	3429	0	3366	0	2850	0
	Gujarat	13424	0	13877	0	13488	0	13665	0	13766	0	13635	0	12797	0
	MP	7230	0	7077	0	7053	0	7069	0	7302	0	6831	0	6783	0
	Maharashtra	19831	366	19666	163	19985	219	19689	40	18801	49	19293	46	18262	40
	Goa	449	0	446	0	445	0	425	0	428	0	432	0	394	0
	DD	292	0	294	0	298	0	289	0	289	0	294	0	303	0
	DNH	721	0	728	0	740	0	715	0	715	0	722	0	714	0
	Essar steel	410	0	401	0	358	0	398	0	404	0	440	0	437	0
SR	Andhra Pradesh	6220	0	6416	0	6385	0	6428	0	5862	0	5835	0	5924	0
	Telangana	6141	0	6162	300	6149	134	5864	0	5614	141	5447	0	5332	0
	Karnataka	8273	300	8460	600	8437	400	8115	300	8071	300	7431	400	7349	300
	Kerala	3295	125	2650	40	3482	30	3430	200	2824	30	3278	125	2813	0
	Tamil Nadu	11378	916	11640	931	11789	200	11638	866	11951	200	10561	955	9860	70
	Pondy	328	0	338	0	330	0	327	0	339	0	322	0	295	0
ER	Bihar	2285	300	2622	300	2654	0	2674	0	2494	0	2519	0	2263	450
	DVC	2600	0	2408	0	2535	0	2699	0	2255	0	2272	0	2372	0
	Jharkhand	1028	0	1018	0	921	0	913	0	940	0	911	0	742	0
	Odisha	3923	100	3480	150	3521	0	3551	0	3559	0	3252	0	3478	0
	West Bengal	7265	16	5819	0	7172	0	5841	0	6674	0	5611	26	5804	0
	Sikkim	96	0	89	0	63	0	87	0	86	0	85	0	82	0
NER	Arunachal Pradesh	89	6	90	3	97	3	84	6	94	4	89	5	82	4
	Assam	1164	164	1137	192	1180	136	1136	180	1150	152	1154	141	1135	121
	Manipur	135	1	123	7	103	12	82	33	107	8	103	6	126	6
	Meghalaya	268	9	286	2	292	3	292	3	275	25	259	1	267	0
	Mizoram	68	0	34	34	61	7	66	2	75	5	79	2	69	4
	Nagaland	100	0	82	12	78	16	86	1	93	2	79	4	91	5
	Tripura	204	12	214	7	188	13	189	14	220	5	187	8	207	0

6. Energy Consumption in States (MUs)

Region	States	20-04-2015	21-04-2015	22-04-2015	23-04-2015	24-04-2015	25-04-2015	26-04-2015
NR	Punjab	94.9	104.1	100.4	113.2	117.8	116.1	107.1
	Haryana	104.5	113.3	112.1	111.3	112.9	113.8	110.3
	Rajasthan	172.1	180.5	178.3	180.5	178.4	178.5	178.6
	Delhi	82.7	84.6	85.7	86.0	88.2	85.3	75.5
	UP	244.3	258.5	260.1	258.8	260.1	232.7	232.5
	Uttarakhand	33.1	35.9	35.9	35.6	35.7	35.5	33.5
	HP	23.7	23.7	24.7	24.8	25.0	24.8	23.2
	J&K	31.7	37.2	38.7	37.0	39.5	37.5	36.9
Chandigarh	4.4	4.6	4.6	4.6	4.7	4.6	4.0	
WR	Chhattisgarh	87.5	84.9	87.6	85.4	80.8	74.8	61.9
	Gujarat	303.5	293.0	304.5	305.6	305.8	305.0	292.4
	MP	149.5	145.8	151.1	147.9	153.0	149.8	148.3
	Maharashtra	426.5	401.9	433.6	430.2	420.5	422.0	407.0
	Goa	9.5	8.6	9.5	9.5	9.4	9.4	8.6
	DD	6.4	6.3	6.6	6.2	5.7	6.5	5.8
	DNH	16.5	16.3	16.9	16.3	16.6	16.8	16.6
Essar steel	8.6	8.1	7.3	8.1	8.2	8.7	8.8	
SR	Andhra Pradesh	140.6	143.8	143.5	148.9	126.8	130.5	130.9
	Telangana	134.6	136.9	137.5	130.7	125.3	125.4	121.9
	Karnataka	185.1	186.3	181.0	169.4	165.1	163.6	158.1
	Kerala	63.8	59.8	59.0	65.8	62.9	60.3	55.1
	Tamil Nadu	260.7	270.4	276.2	278.8	269.7	235.4	236.8
	Pondy	6.8	6.7	7.4	6.7	6.8	6.7	6.6
ER	Bihar	53.8	51.2	50.1	55.5	51.9	37.5	46.6
	DVC	57.9	58.2	58.3	53.8	49.0	53.3	54.3
	Jharkhand	22.9	22.9	22.0	21.3	17.9	16.9	19.8
	Odisha	78.9	79.5	73.2	69.6	69.8	63.9	64.9
	West Bengal	147.7	144.4	131.0	120.5	111.1	102.1	112.2
	Sikkim	1.3	1.3	0.8	1.2	1.5	1.8	1.5
NER	Arunachal Pradesh	0.7	1.0	1.0	1.2	1.2	0.9	1.0
	Assam	19.4	19.3	18.5	19.6	19.3	18.5	20.4
	Manipur	1.5	1.8	1.5	0.4	0.9	1.6	1.8
	Meghalaya	4.7	4.3	3.6	4.0	3.0	4.2	4.6
	Mizoram	0.9	0.2	0.6	0.8	1.1	1.2	1.2
	Nagaland	1.8	1.6	1.6	1.3	1.8	1.9	2.0
	Tripura	3.0	3.2	2.4	2.7	2.2	2.8	2.6
ALL INDIA TOTAL		2985.5	3000.3	3026.8	3013.3	2949.6	2850.1	2793.1

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

साप्ताहिक रिपोर्ट (20 अप्रैल से 26 अप्रैल -2015 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	20-04-2015	21-04-2015	22-04-2015	23-04-2015	24-04-2015	25-04-2015	26-04-2015
East to North	-16.0	-18.0	-21.0	-24.0	-28.5	-27.0	-15.0
East to West	-4.8	-4.2	-11.4	-11.4	-18.8	-9.2	-5.7
East to South	-64.0	-67.0	-65.0	-58.0	-52.4	-52.0	-57.0
East to North-East	-10.0	-8.0	-6.0	-5.0	-1.2	-6.0	-8.0
West to North	-43.1	-38.2	-48.3	-48.8	-44.1	-32.1	-22.9
West to South	-35.0	-31.4	-39.4	-31.4	-29.1	-26.8	-31.5

भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH साप्ताहिक रिपोर्ट (20 अप्रैल से 26 अप्रैल -2015 तक)²								
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)
20-04-2015	10.8	449	-4.0	-210	-168	-10.5	-447	-437
21-04-2015	9.9	413	-3.5	-185	-144	-10.5	-443	-436
22-04-2015	10.6	440	-2.0	-177	-84	-10.5	-445	-438
23-04-2015	11.5	479	-2.8	-112	-115	-10.6	-447	-443
24-04-2015	8.1	339	-2.9	-152	-120	-9.5	-457	-397
25-04-2015	8.7	362	-1.6	-145	-68	-9.6	-459	-401
26-04-2015	9.7	405	-2.8	-120	-118	-9.7	-465	-402
कुल Total	69.3		-19.6			-70.9		

8). Major Grid Incidences(Provisional):-

Region	Name of Element	Owner / Agency	Outage		Revival		Outage Duration	Event	Generation Loss(MW)	Load Loss	Category as per CEA Grid
			Date	Time	Date	Time	Time				
ER	1).400 kV Purnea-Binaguri-I & III 2). 400 kV Purnea-Malda-I 3). 220 kV Purnea-Purnea(BSPCL)-D/C 4).220 kV Purnea-Madhepura 5)132 kV Purnea-Purnea(BSPCL) D/C 6) 132 kV Purnea-Kishanganj	PG/BSPCL	21.04.15	21:59	21.04.15	23:50	1:51	During reported Thunderstorm and Rain at Purnea, lines given in column C tripped from 400/220kV New Purnea and 220/132kV Purnea S/S on distance protection operation.		250	GD-I
NER	1).132 kV RC Nagar-Agartala 1&2 2).132 kV RC nagar –Kumarghat 3). Unit-1,2,3&4	NEEPCO/Agartala	22.04.15	02:37	22.04.15	03:39	1:02	All Lines and generating units tripped from 132 kV R.C. Nagar station.	80		GD-I
SR	1).400kV Udumalpet - Palakkad-I & II 2). 400kV Palakkad-Thrichur-1 & II 3). 400 kV Thrichur-Kochi-I & II 4). 220 kV Kayamkulam-New Pallom 5).220 kV Idukki-Udumalpet	PG/Kerala	22.04.15	10:52	22.04.15	16:46	5:54	400kV Udumalpet - Palakkad line-1 tripped at 10:50 Hrs during NTAMC testing works at Palakkad SS and 400kV Udumalpet - Palakkad line-II was hand tripped on emergency at 10:54 Hrs due to smoke observed in R-phase wave trap at Udumalpet end. At 10:54 Hrs, 400 kV Palakkad - Trichur line-1 & 2, 400 kV Trichur - Kochi line-1 & 2 got tripped due to grid disturbance in North Kerala.NTPC informed that 220 kV Kayamkulam-New Pallom tripped at 10:54 Hrs from Kayamkulam end on Channel-2 protection (Power Swing operation) and was restored at 11:35 Hrs.As informed by KSEB, major blackout occurred at Kerala system at 10:54 hrs to 12:16 Hrs due to the tripping of 400kV Udumalpet-Palakkad feeder. 220kV Kadakola-Kaniyampetta was partially fed to Nallalam. 220 kV Idukki-Udumalpet tripped and restored at 11:05 Hrs.	381	1575	GD-I
SR	1).400 KV Ramagundam-Ghanapur-III 2).400 KV Bus-II at Khammam 3).400 KV Bus-I at Ghanapur 4).400 KV Ghanapur-Malkaram line	PG/AP	23.04.15	15:12	23.04.15	—	—	Lines given in column C tripped tripped.			GI-II
NR	1).400 kV Gorakhpur(PG)-Gorakhpur(UP)-I & II 2).400 kV Gorakhpur(PG)-Azamgarh 3). 400/220 kV Gorakhpur ICT-I & II	PG/UP	24.04.15	18:26	24.04.15	19:51	1:25	Due to inclement weather, Gorakhpur (UP) S/s went dark . All lines emanating from Gorakhpur (UP) tripped on transient fault		140	GD-I
WR	1).400 kV Korba-BALCO 2).400 kV Korba- Korba West 3).400 kV Korba-Pathadi 4). 400 kV Korba-Vandana 5).400KV Sipat-Korba 6) 400kV Sipat--Raipur-III 7) Korba Unit-II	PG/NTPC	24.04.15	16:44	24.04.15	—	—	Due to inclement weather, multiple trippings occurred at Korba and Sipat.			GD-I
SR	1).400 kV Vemagiri- Nunna 1 2). ICT 2 Tripped 3).400 kV Vemagiri- Gowthami 2 4).400 kV Vemagiri - Nunna 3 5).400 kV Vemagiri - Konaseema 2 6).220 kV Vemagiri - Bhimavaram 1 7).220 kV Vemagiri - Bhimavaram 2	PG/AP	25.04.15	10:04	25.04.15	10:50	0:46	Due to the tripping of 400 kV Vemagiri - Nunna Circuit 1 due to B phase LA blast.Lines given in Column C tripped.			GD-I
NR/ER *	1).400kV Patna-Barh-1 2).400kV Kahalgaon-Banka-1 3).400kV Sarnath-Azamgarh S/C 4).400kV Sultanpur-Azamgarh S/C 5).400kV Ballia-Sohawal-1 6) 400kV Gorakhpur-Lucknow-1 7) 400kV Gorakhpur (PG)-Gorakhpur (UP)-1 8) Barh U-1 & Muzzafarpur U-1 9) MPL U#1 & CTPC U#7	ER/NR	25.04.15	11:41/12:19	NA	NA	NA	Due to earthquake in Nepal load loss of approx. 2500 MW was observed in India mainly NR & ER.		approx. 2500	
NR/ER *	1)400KV Barh-Patna-4 2)400KV Lucknow-Shahjapur 3)400 KV Chamba-Jalandher-2 4) Muzzafarpur Unit-2	ER/NR	26.04.15	12:43	NA	NA	NA	Due to earthquake in Nepal load loss of approx. 2000 MW was observed in India mainly NR & ER.		approx. 2000	

* Details are provisional

* Due to earthquake trippings occurred at different stations on different times. Trippings took place across the NR & ER.