



National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
(Government of India Enterprise/ भारत सरकार का उद्यम)
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016
बी-9, कुतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 02nd August 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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., एफ3-, 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 नोंग्रह, लापलंग, शिलोंग - 793006
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 01.08.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-अगस्त-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 01st August 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

2-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46469	41302	38747	19567	2475	148559
Peak Shortage (MW)	1348	53	0	0	203	1605
Energy Met (MU)	1051	947	922	397	49	3366
Hydro Gen(MU)	371	19	48	109	24	571
Wind Gen(MU)	35	82	102	-----	-----	220
Solar Gen (MU)*	2.59	7.98	29.80	1.09	0.02	41
Energy Shortage (MU)	12.7	0.0	0.0	0.0	1.6	14.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48255	40844	40084	19776	2624	150737

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
All India	0.043	0.09	0.83	8.84	9.77	77.16	13.07

C. Power Supply Position in States

RegionRegion	States	Max. Demand Met during the day (MW)	Shortage during maximum Demand (MW)	Energy Met (MU)	Drawal Schedule (MU)	OD(+)/UD(-) (MU)	Max OD (MW)	Energy Shortage (MU)
NR	Punjab	8294	0	175.9	103.8	-0.9	209	0.0
	Haryana	7882	68	161.4	107.7	0.7	275	0.1
	Rajasthan	7569	0	161.9	48.0	1.2	384	0.6
	Delhi	4900	0	103.4	80.0	-0.8	165	0.0
	UP	16621	700	352.4	164.1	0.5	361	0.0
	Uttarakhand	1903	0	37.0	21.8	0.9	242	1.6
	HP	1060	0	24.2	-1.5	6.3	588	2.4
	J&K	1869	467	29.2	7.9	-0.4	207	8.0
Chandigarh	285	0	5.6	6.2	-0.7	19	0.0	
WR	Chhattisgarh	3841	0	88.2	28.1	2.2	275	0.0
	Gujarat	10910	0	245.0	45.5	0.2	557	0.0
	MP	7444	0	157.0	95.0	0.6	646	0.0
	Maharashtra	18865	0	415.7	123.4	6.2	743	0.0
	Goa	407	0	9.0	8.6	0.4	33	0.0
	DD	307	0	7.0	6.3	0.7	62	0.0
	DNH	714	0	16.6	16.7	-0.1	12	0.0
	Essar steel	471	0	8.7	8.4	0.3	167	0.0
SR	Andhra Pradesh	7420	0	160	42	3.7	578	0.0
	Telangana	9208	0	195	120	-0.6	601	0.0
	Karnataka	8688	0	196	71	0.6	504	0.0
	Kerala	3426	0	68	52	1.5	473	0.0
	Tamil Nadu	13656	0	295	139	-2.1	661	0.0
	Pondy	360	0	7	7	-0.1	43	0.0
ER	Bihar	4073	0	81.0	77.3	0.4	200	0.0
	DVC	2729	0	59.9	-21.8	0.8	220	0.0
	Jharkhand	1149	0	21.9	17.5	-1.7	80	0.0
	Odisha	4255	0	79.9	24.7	-0.7	250	0.0
	West Bengal	8118	0	153.2	65.0	0.2	225	0.0
	Sikkim	96	0	1.3	2.0	-0.7	5	0.0
NER	Arunachal Pradesh	117	2	1.9	2.2	-0.3	10	0.0
	Assam	1670	43	31.0	23.5	2.4	187	1.4
	Manipur	149	2	2.1	1.9	0.2	33	0.0
	Meghalaya	263	0	5.9	-1.0	0.7	66	0.0
	Mizoram	70	1	1.3	1.5	-0.3	11	0.0
	Nagaland	110	1	2.0	1.9	-0.1	15	0.0
	Tripura	247	2	4.4	3.1	0.8	69	0.0

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.4	-6.2	-14.8
Day peak (MW)	1566.2	-285.7	-656.9

E. Import/export By Regions(in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	165.0	-216.7	107.9	-66.3	3.5	-6.6
Actual(MU)	178.2	-218.0	103.5	-66.2	5.1	2.7
O/D/U/D(MU)	13.2	-1.3	-4.4	0.2	1.6	9.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	6221	15081	3260	600	368	25531
State Sector	9640	20129	10572	5715	110	46166
Total	15861	35210	13832	6315	478	71697

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 2-Aug-17
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
								Import=(+ve) /Export =(-ve) for NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	203	0.0	6.1	-6.1
2		SASARAM-FATEHPUR	S/C	0	61	2.2	0.0	2.2
3		GAYA-BALIA	S/C	0	356	0.0	6.5	-6.5
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	182	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	53	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	491	0.0	6.6	-6.6
9		PATNA-BALIA	Q/C	0	756	0.0	12.4	-12.4
10		BIHARSHARIFF-BALIA	D/C	0	307	0.0	5.5	-5.5
11		BARH-GORAKHPUR	D/C	0	464	0.0	6.2	-6.2
12		BIHARSHARIFF-VARANASI	D/C	0	1	1.1	0.0	1.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	232	0.0	4.1	-4.1
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
16		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
ER-NR						3.9	52.2	-48.3
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.7	0.0	10.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	11.0	0.0	11.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.0	0.0	1.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8
23		STERLITE-RAIGARH	D/C	0	0	1.4	0.0	1.4
24		RANCHI-SIPAT	D/C	0	0	6.6	0.0	6.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	96	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9
ER-WR						37.2	1.0	36.2
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.1	-16.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	15.6	-15.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2304.9	0.0	37.3	-37.3
30	400 KV	TALCHER-I/C	D/C	0.0	1347.0	0.0	19.1	-19.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	68.9	-68.9
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1179	0.0	4.5	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	934	0.0	10.1	-10
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.8	-3
ER-NER						0.0	17.3	-17.3
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1000	0.0	18.7	-18.7
NER-NR						0.0	18.7	-18.7
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	24.8	-24.8
37		V'CHAL B/B	D/C	300	350	0.6	3.1	-2.4
38		APL -MHG	D/C	0	0	0.0	0.0	0.0
39	765 KV	GWALIOR-AGRA	D/C	0	2844	0.0	54.2	-54.2
40		PHAGI-GWALIOR	D/C	0	1276	0.0	23.9	-23.9
41	400 KV	ZERDA-KANKROLI	S/C	0	211	0.0	2.5	-2.5
42		ZERDA -BHINMAL	S/C	27	197	0.0	1.5	-1.5
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	134	0	0	0
45	220 KV	BADOD-KOTA	S/C	49	34	0.3	0.2	0.1
46		BADOD-MORAK	S/C	3	72	0.0	1.0	-1.0
47		MEHGAON-AURAIYA	S/C	48	13	0.3	0.0	0.3
48		MALANPUR-AURAIYA	S/C	13	34	0.0	0.4	-0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						1.3	111.8	-110.5
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.4	-17.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1507	0.0	23.7	-23.7
53		WARDHA-NIZAMABAD	D/C	0	1642	0.0	32.5	-32.5
54	400 KV	KOLHAPUR-KUDGI	D/C	0	0	2.8	0.4	2.4
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	92	0	1.9	0.0	1.9
WR-SR						4.6	73.9	-69.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.4
59		NEPAL						-6.2
60		BANGLADESH						-14.8