



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: 26th August 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14 , गोल्फ क्लब रोड , कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी 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. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह , लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक , द.क्षे.भा.प्रे.के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु -560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 25.08.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-अगस्त-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 25th 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

26-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49310	40385	33908	20215	2518	146336
Peak Shortage (MW)	1756	20	0	200	129	2105
Energy Met (MU)	1139	927	784	409	49	3306
Hydro Gen(MU)	337	15	30	107	26	514
Wind Gen(MU)	22	75	124	-----	-----	221
Solar Gen (MU)*	3.35	10.71	17.50	1.23	0.02	33
Energy Shortage (MU)	11.3	0.0	0.0	0.6	1.3	13.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52123	40103	34294	20188	2693	145217

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	0.029	0.00	0.23	4.21	4.44	81.33	14.22

C. Power Supply Position in States

Region/Region	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	9110	0	190.0	111.0	-1.7	256	0.0
	Haryana	8185	0	174.0	117.1	1.2	245	0.0
	Rajasthan	9034	0	194.2	61.5	1.7	354	0.0
	Delhi	5401	0	106.2	88.4	-0.7	154	0.1
	UP	16593	1000	367.0	187.5	2.0	439	2.0
	Uttarakhand	1823	0	38.0	11.8	-0.4	114	0.0
	HP	1342	0	25.9	0.6	0.1	87	0.0
	J&K	1946	487	38.7	13.3	-0.6	147	9.2
	Chandigarh	237	0	4.7	5.6	-0.9	0	0.0
	Chhattisgarh	3706	0	85.7	22.9	-0.9	147	0.0
WR	Gujarat	12537	0	278.8	59.4	-0.9	364	0.0
	MP	7510	0	164.7	91.4	-0.6	396	0.0
	Maharashtra	16550	0	360.3	93.4	-2.8	326	0.0
	Goa	302	0	6.7	7.0	-0.3	55	0.0
	DD	296	0	6.4	6.1	0.3	84	0.0
	DNH	728	0	16.5	16.3	0.1	176	0.0
	Essar steel	411	0	7.4	7.0	0.4	172	0.0
	Andhra Pradesh	6154	0	137	17	1.3	403	0.0
SR	Telangana	7371	0	153	83	-2.5	535	0.0
	Karnataka	7307	0	147	56	0.0	512	0.0
	Kerala	3398	0	68	48	1.9	325	0.0
	Tamil Nadu	11933	0	273	104	1.7	525	0.0
	Pondy	313	0	7	7	-0.5	8	0.0
	Bihar	4318	0	79.6	75.4	1.7	200	0.0
ER	DVC	2886	0	64.3	-19.3	1.3	225	0.0
	Jharkhand	1231	0	24.7	17.7	-0.7	94	0.0
	Odisha	4185	0	85.1	25.1	1.0	225	0.6
	West Bengal	8367	0	153.7	58.7	3.3	220	0.0
	Sikkim	92	0	1.2	1.4	-0.2	10	0.0
	Arunachal Pradesh	112	0	2.0	2.1	-0.1	20	0.1
NER	Assam	1645	92	31.7	24.6	1.7	356	0.9
	Manipur	128	2	2.1	2.2	-0.1	96	0.1
	Meghalaya	259	0	4.6	-1.7	-0.3	45	0.0
	Mizoram	65	0	1.2	1.2	-0.2	25	0.0
	Nagaland	109	1	2.3	1.7	0.3	41	0.0
	Tripura	226	8	4.7	2.9	0.5	142	0.3

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.1	-6.1	-14.8
Day peak (MW)	1525.7	-284.0	-649.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	196.1	-210.3	71.3	-62.3	10.3	5.0
Actual(MU)	190.1	-213.3	65.2	-52.2	11.3	1.1
O/D/U/D(MU)	-5.9	-3.0	-6.1	10.2	1.0	-3.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	16639	5600	1810	893	28754
State Sector	9365	19260	10272	5495	110	44502
Total	13177	35899	15872	7305	1003	73256

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

सचिव(ऊर्जा)/संयुक्त सचिव(परेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भार प्रेष० के०)

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 26-Aug-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	Import-(+ve) /Export =(-ve) for NET (MU)
								NET (MU)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	228	0.0	6.8	-6.8
2		SASARAM-FATEHPUR	S/C	0	4	2.2	0.0	2.2
3		GAYA-BALIA	S/C	0	348	0.0	6.2	-6.2
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	190	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	48	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	751	0.0	12.0	-12.0
9		PATNA-BALIA	Q/C	0	979	0.0	18.2	-18.2
10		BIHARSHARIFF-BALIA	D/C	0	272	0.0	4.5	-4.5
11		BARH-GORAKHPUR	D/C	0	0	3.4	0.0	3.4
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.3	-0.3	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	140	0.0	2.7	-2.7
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	0.0	0.3
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						5.9	55.3	-49.5
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.2	0.0	10.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	12.7	0.0	12.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.7	0.0	2.7
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.8	0.0	1.8
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7
23		STERLITE-RAIGARH	D/C	0	0	4.0	0.0	4.0
24		RANCHI-SIPAT	D/C	0	0	6.7	0.0	6.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	78	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
ER-WR						43.3	1.0	42.4
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.3	-12.3
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	289.1	0.0	19.8	-19.8
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1708.9	0.0	23.8	-23.8
30	400 KV	TALCHER-I/C	D/C	0.0	1404.8	0.0	22.6	-22.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	55.8	-55.8
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1258	0.0	8.7	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	999	0.0	9.6	-10
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.7	-3
ER-NER						0.0	21.0	-21.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	11.3	-11.3
NER-NR						0.0	11.3	-11.3
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	12.4	-12.4
37		VCHAL B/B	D/C	500	200	3.7	1.0	2.7
38		APL -MHG	D/C	0	2016	0.0	45.0	-45.0
39	765 KV	GWALIOR-AGRA	D/C	0	2568	0.0	54.4	-54.4
40		PHAGI-GWALIOR	D/C	0	1156	0.0	22.6	-22.6
41	400 KV	ZERDA-KANKROLI	S/C	155	55	1.8	0.0	1.8
42		ZERDA -BHINMAL	S/C	133	107	0.0	0.4	-0.4
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44	220 KV	RAPP-SHUJALPUR	D/C	54	289	0	2	-2
45		BADOD-KOTA	S/C	56	9	0.5	0.0	0.5
46		BADOD-MORAK	S/C	5	60	0.0	0.4	-0.4
47	400 KV	MEHGAON-AURAIYA	S/C	51	6	0.6	0.0	0.5
48		MALANPUR-AURAIYA	S/C	8	30	0.0	0.3	-0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						6.6	137.9	-131.3
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	14.8	-14.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1169	0.0	17.9	-17.9
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1000	0.0	18.6	-18.6
54		KOLHAPUR-KUDGI	D/C	630	0	7.2	0.0	7.2
55	400 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	73	0	1.5	0.0	1.5
WR-SR						8.7	51.3	-42.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						35.1
59		NEPAL						-6.1
60		BANGLADESH						-14.8