



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: 28th 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., डोंगतेह, 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 27.08.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-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 27th August 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

28-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	50594	39858	33781	18668	2597	145497
Peak Shortage (MW)	731	0	0	545	112	1387
Energy Met (MU)	1117	923	753	389	47	3229
Hydro Gen(MU)	317	18	31	101	25	493
Wind Gen(MU)	6	46	161	-----	-----	213
Solar Gen (MU)*	3.52	10.79	21.40	1.00	0.02	37
Energy Shortage (MU)	9.6	0.0	0.0	1.6	0.8	12.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52351	40644	34726	19486	2686	147333

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	0.023	0.00	0.00	1.99	1.99	85.88	12.13

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	9305	0	204.2	118.2	0.8	168	0.0
	Haryana	8143	0	169.0	116.4	2.4	323	0.0
	Rajasthan	9464	0	194.0	71.9	0.7	328	0.0
	Delhi	5105	0	98.5	75.6	-1.8	101	0.0
	UP	16613	290	346.2	169.8	0.3	490	0.0
	Uttarakhand	1729	0	35.7	11.0	0.1	184	0.0
	HP	1207	15	24.4	-0.2	0.6	179	0.1
	J&K	2065	516	40.2	14.1	0.1	163	9.6
	Chandigarh	250	0	4.9	5.5	-0.6	0	0.0
	Chhattisgarh	3595	0	87.4	26.9	0.6	247	0.0
WR	Gujarat	12201	0	271.7	69.1	-2.7	469	0.0
	MP	7156	0	157.6	99.1	0.9	359	0.0
	Maharashtra	16663	0	373.8	115.7	3.4	365	0.0
	Goa	302	0	6.7	7.5	-0.8	1	0.0
	DD	304	0	6.8	6.0	0.8	61	0.0
	DNH	721	0	16.7	15.8	1.0	74	0.0
	Essar steel	98	0	2.0	1.9	0.1	157	0.0
	Andhra Pradesh	6154	0	137	17	1.8	524	0.0
SR	Telangana	6853	0	148	78	-1.6	323	0.0
	Karnataka	6555	0	141	47	-0.1	393	0.0
	Kerala	2999	0	60	44	1.4	361	0.0
	Tamil Nadu	11579	0	260	83	-0.2	538	0.0
	Pondv	303	0	6	7	-0.4	20	0.0
	Bihar	4321	0	75.4	71.2	-0.8	356	0.0
ER	DVC	2852	100	63.2	-22.6	3.8	489	0.7
	Jharkhand	1142	0	23.7	18.8	-0.7	165	0.0
	Odisha	4027	0	84.6	26.8	1.7	398	0.9
	West Bengal	7555	0	140.7	46.5	2.2	402	0.0
	Sikkim	72	0	1.2	1.1	0.1	20	0.0
NER	Arunachal Pradesh	112	2	2.2	2.0	0.2	45	0.0
	Assam	1662	81	31.0	24.3	1.9	142	0.6
	Manipur	145	1	1.8	2.3	-0.5	12	0.1
	Meghalaya	267	0	4.9	-1.1	-0.5	43	0.0
	Mizoram	70	2	1.2	1.1	0.0	2	0.0
	Nagaland	108	2	2.2	1.7	0.3	21	0.0
	Tripura	250	6	3.8	2.9	0.1	33	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.8	-5.1	-15.0
Day peak (MW)	1549.1	-300.8	-662.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.2	-197.5	52.6	-72.1	12.7	-0.1
Actual(MU)	196.6	-193.0	44.1	-60.4	12.6	0.0
O/D/U/D(MU)	-7.5	4.5	-8.5	11.7	-0.1	0.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3312	16339	5600	1810	847	27908
State Sector	9105	19180	12272	6205	110	46872
Total	12417	35519	17872	8015	957	74780

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.
सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	28-Aug-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)								Import=(+ve) /Export =(-ve) for NET (MU)	
1	765KV	GAYA-VARANASI	D/C	0	200	0.0	6.3	-6.3	
2		SASARAM-FATEHPUR	S/C	0	89	0.9	0.0	0.9	
3		GAYA-BALIA	S/C	0	337	0.0	5.7	-5.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	191	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	45	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	736	0.0	13.5	-13.5	
9		PATNA-BALIA	Q/C	0	907	0.0	17.0	-17.0	
10		BIHARSHARIFF-BALIA	D/C	0	361	0.0	5.3	-5.3	
11		BARH-GORAKHPUR	D/C	0	0	3.0	0.0	3.0	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.9	-0.9		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	126	0.0	2.5	-2.5	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4	
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						4.3	56.1	-51.7	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.9	0.0	11.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	10	10.2	0.0	10.2	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.8	0.0	1.8	
21		JHARSUGUDA-RAIGARH	S/C	0	3	1.1	0.0	1.1	
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1	
23		STERLITE-RAIGARH	D/C	0	25	3.1	0.0	3.1	
24		RANCHI-SIPAT	D/C	0	0	6.9	0.0	6.9	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	110	0.0	1.4	-1.4	
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3	
ER-WR						39.4	1.4	38.0	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.3	-15.3	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	189.6	0.0	7.4	-7.4	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2028.0	0.0	28.2	-28.2	
30	400 KV	TALCHER-I/C	D/C	0.0	1390.9	0.0	23.2	-23.2	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	50.8	-50.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1223	0.0	8.6	-9	
33		ALIPURDUAR-BONGAIGAON	D/C	0	970	0.0	10.0	-10	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3	
ER-NER						0.0	21.3	-21.3	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	564	0.0	10.3	-10.3	
NER-NR						0.0	10.3	-10.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.2	-36.2	
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	2016	0.0	37.9	-37.9	
39	765 KV	GWALIOR-AGRA	D/C	0	2424	0.0	49.5	-49.5	
40		PHAGI-GWALIOR	D/C	0	1138	0.0	23.2	-23.2	
41	400 KV	ZERDA-KANKROLI	S/C	114	36	0.8	0.0	0.8	
42		ZERDA -BHINMAL	S/C	114	195	0.0	0.9	-0.9	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	247	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	83	9	0.6	0.0	0.6	
46		BADOD-MORAK	S/C	31	56	0.1	0.4	-0.3	
47		MEHGAON-AURAIYA	S/C	26	0	0.5	0.0	0.5	
48		MALANPUR-AURAIYA	S/C	6	22	0.0	0.2	-0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						14.1	149.4	-135.3	
Import/Export of WR (With SR)									
50	HVDC LINK	BHADRAWATI B/B	-	0	600	0.0	7.4	-7.4	
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	490	643	490.0	5.1	484.9	
53		WARDHA-NIZAMABAD	D/C	0	1047	0.0	18.5	-18.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	640	0	9.5	0.0	9.5	
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56	220 KV	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						501.0	31.0	470.0	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						35.8	
59		NEPAL						-5.1	
60		BANGLADESH						-15.0	