



**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: 29<sup>th</sup> 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 28.08.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-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 28<sup>th</sup> 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

29-Aug-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51237	41299	36322	19115	2526	150498
Peak Shortage (MW)	1453	0	0	600	130	2183
Energy Met (MU)	1139	928	784	385	45	3281
Hydro Gen(MU)	320	24	37	94	24	500
Wind Gen(MU)	11	54	169	-----	-----	234
Solar Gen (MU)*	0.62	9.09	18.40	1.75	0.02	30
Energy Shortage (MU)	10.1	0.0	0.0	1.9	1.0	13.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52030	41703	36020	19223	2602	150325

**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	0.027	0.00	0.00	2.37	2.37	74.59	23.03

**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	9351	0	211.5	124.0	1.2	172	0.0
	Haryana	8064	0	175.3	123.5	2.3	277	0.0
	Rajasthan	9364	0	196.4	72.0	1.3	264	0.0
	Delhi	5009	0	106.0	83.3	-1.9	104	0.0
	UP	16825	685	340.0	167.3	0.7	687	0.0
	Uttarakhand	1817	0	36.7	7.7	0.5	168	0.0
	HP	1266	0	26.0	0.7	0.4	82	0.1
	J&K	2081	520	42.1	14.7	1.4	233	10.0
	Chandigarh	250	0	4.9	5.9	-1.0	0	0.0
	Chhattisgarh	3468	0	80.7	20.3	-1.2	141	0.0
WR	Gujarat	12416	0	274.1	70.7	-5.8	502	0.0
	MP	7273	0	156.2	95.9	0.9	471	0.0
	Maharashtra	17500	0	383.7	114.8	2.0	400	0.0
	Goa	403	0	7.5	8.2	-0.7	79	0.0
	DD	327	0	6.9	6.2	0.7	53	0.0
	DNH	737	0	16.6	15.6	0.9	81	0.0
	Essar steel	154	0	2.1	1.9	0.2	164	0.0
	Andhra Pradesh	6482	0	138	18	-0.3	465	0.0
	Telangana	7203	0	150	80	-2.2	333	0.0
	Karnataka	7501	0	150	49	1.5	544	0.0
SR	Kerala	3244	0	64	46	1.6	531	0.0
	Tamil Nadu	13047	0	274	90	1.1	394	0.0
	Pondy	339	0	7	7	-0.5	51	0.0
	Bihar	4070	0	77.5	72.0	-0.8	385	0.7
	DVC	2798	0	64.7	-21.4	2.0	498	0.0
	Jharkhand	1140	0	23.5	16.5	-0.5	202	0.0
	Odisha	4084	100	76.5	28.1	1.3	435	1.2
	West Bengal	7885	0	141.3	48.7	2.0	387	0.0
	Sikkim	89	0	1.2	1.2	0.0	25	0.0
	NER	Arunachal Pradesh	110	2	2.0	2.2	-0.1	45
Assam		1623	97	29.0	24.3	0.2	142	0.8
Manipur		136	2	2.2	2.3	-0.1	12	0.0
Meghalaya		263	0	4.6	-1.5	-0.4	43	0.0
Mizoram		69	2	1.2	1.4	-0.3	2	0.0
Nagaland		103	1	2.1	1.9	-0.1	21	0.0
Tripura		243	4	4.3	3.3	0.0	33	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.0	-4.8	-15.2
Day peak (MW)	1579.7	-269.0	-663.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	209.4	-197.5	45.7	-70.0	12.4	0.0
Actual(MU)	205.8	-192.4	39.2	-64.4	9.6	-2.3
O/D/U/D(MU)	-3.6	5.1	-6.5	5.6	-2.8	-2.3

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	3312	16357	5100	2080	897	27746
State Sector	9105	18293	11872	6765	110	46145
Total	12417	34650	16972	8845	1007	73891

**G. Sourcewise generation (MU)**

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	536	1033	452	378	4	2402
Hydro	320	24	37	94	24	500
Nuclear	32	2	28	0	0	62
Gas, Naptha & Diesel	39	46	15	0	12	112
RES (Wind, Solar, Biomass & Others)	19	63	219	2	0	303
Total	946	1168	752	474	40	3380

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

सचिव (ऊर्जा)/संयुक्त सचिव (परिचालन) (ओ एम)/निदेशक (ओ एम)/मुख्य अभियंता, के०वि०प्रा० (ग्रिड) / मुख्य कार्यपालक अधिकारी (पोसोको), सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 29-Aug-17
								Import-(+ve) /Export =(-ve) for NET (MU)
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
<b>Import/Export of ER (With NR)</b>								
1	765KV	GAYA-VARANASI	D/C	0	248	0.0	6.8	-6.8
2		SASARAM-FATEHPUR	S/C	0	164	1.1	0.0	1.1
3		GAYA-BALIA	S/C	0	361	0.0	6.3	-6.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	186	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	59	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	762	0.0	14.9	-14.9
9		PATNA-BALIA	Q/C	0	944	0.0	19.0	-19.0
10		BIHARSHARIFF-BALIA	D/C	0	394	0.0	6.6	-6.6
11		BARH-GORAKHPUR	D/C	0	0	3.4	0.0	3.4
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.1	-2.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	134	0.0	2.8	-2.8
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
<b>ER-NR</b>						<b>4.9</b>	<b>63.3</b>	<b>-58.4</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	8.5	0.0	8.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	96	7.7	0.0	7.7
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	7	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.4	0.0	1.4
22		IBEUL-RAIGARH	S/C	0	0	1.4	0.0	1.4
23		STERLITE-RAIGARH	D/C	0	257	1.1	0.0	1.1
24		RANCHI-SIPAT	D/C	0	0	4.4	0.0	4.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	102	0.0	0.9	-0.9
26		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8
<b>ER-WR</b>						<b>29.8</b>	<b>0.9</b>	<b>28.8</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.7	-13.7
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	321.9	0.0	10.4	-10.4
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2310.3	0.0	22.0	-22.0
30	400 KV	TALCHER-I/C	D/C	0.0	1410.0	0.0	19.8	-19.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
<b>ER-SR</b>						<b>0.0</b>	<b>46.1</b>	<b>-46.1</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1253	0.0	7.3	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	993	0.0	8.0	-8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-3
<b>ER-NER</b>						<b>0.0</b>	<b>17.8</b>	<b>-17.8</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	10.0	-10.0
<b>NER-NR</b>						<b>0.0</b>	<b>10.0</b>	<b>-10.0</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.1	-36.1
37		VCHAL B/B	D/C	500	0	7.4	0.0	7.4
38		APL -MHG	D/C	0	2015	0.0	30.2	-30.2
39	765 KV	GWALIOR-AGRA	D/C	0	2566	0.0	50.7	-50.7
40		PHAGI-GWALIOR	D/C	0	1348	0.0	26.4	-26.4
41	400 KV	ZERDA-KANKROLI	S/C	125	103	0.1	0.0	0.1
42		ZERDA -BHINMAL	S/C	92	167	0.0	1.1	-1.1
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	325	0	2	-2
45	220 KV	BADOD-KOTA	S/C	75	14	0.6	0.0	0.6
46		BADOD-MORAK	S/C	27	51	0.1	0.5	-0.4
47		MEHGAON-AURAIYA	S/C	30	9	0.4	0.0	0.4
48		MALANPUR-AURAIYA	S/C	3	28	0.0	0.3	-0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.6</b>	<b>147.4</b>	<b>-138.9</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	16.2	-16.2
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	498	813	498.0	4.7	493.3
53		WARDHA-NIZAMABAD	D/C	0	959	0.0	15.4	-15.4
54	400 KV	KOLHAPUR-KUDGI	D/C	559	0	8.9	0.0	8.9
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
<b>WR-SR</b>						<b>508.4</b>	<b>36.3</b>	<b>472.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>37.0</b>
59		NEPAL						<b>-4.8</b>
60		BANGLADESH						<b>-15.2</b>