



**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: 15<sup>th</sup> August 2017

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., 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 14.08.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 14-अगस्त-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 14<sup>th</sup> August 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

15-Aug-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52639	41068	36509	18206	2093	150515
Peak Shortage (MW)	1674	682	860	0	479	3695
Energy Met (MU)	1187	983	835	368	43	3416
Hydro Gen(MU)	377	27	53	82	30	568
Wind Gen(MU)	18	84	29	-----	-----	131
Solar Gen (MU)*	0.84	10.03	23.30	1.01	0.01	35
Energy Shortage (MU)	12.0	1.5	0.0	0.0	3.2	16.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53679	42685	38203	18559	2588	152127

**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	0.062	0.13	2.94	12.95	16.02	79.70	4.28

**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	10040	0	227.9	128.3	0.2	122	0.0
	Haryana	8830	137	183.8	119.1	1.4	181	0.1
	Rajasthan	9085	496	197.8	88.7	2.5	205	3.1
	Delhi	5387	0	110.6	84.4	0.5	198	0.1
	UP	16576	1845	361.3	170.1	2.4	513	0.0
	Uttarakhand	1715	150	37.6	14.6	-0.2	76	0.3
	HP	1297	0	26.9	-2.3	2.4	260	0.0
	J&K	2048	512	35.3	11.9	-2.6	244	8.5
	Chandigarh	291	0	5.8	6.4	-0.7	0	0.0
WR	Chhattisgarh	3680	0	88.5	25.5	0.2	129	1.5
	Gujarat	11446	0	257.4	60.1	0.3	464	0.0
	MP	7809	0	167.5	82.3	3.8	641	0.0
	Maharashtra	20481	0	435.6	131.1	0.3	436	0.0
	Goa	411	0	8.4	8.3	-0.4	29	0.0
	DD	317	0	7.1	6.4	0.7	54	0.0
	DNH	741	0	17.1	16.7	0.4	32	0.0
	Essar steel	99	0	1.4	0.6	0.8	144	0.0
SR	Andhra Pradesh	7008	300	150	50	2.7	450	0.0
	Telangana	7637	0	163	79	-1.1	443	0.0
	Karnataka	8477	560	181	76	3.9	470	0.0
	Kerala	3339	0	66	49	1.8	245	0.0
	Tamil Nadu	12438	0	268	140	3.3	540	0.0
	Pondy	322	0	7	7	-0.4	24	0.0
ER	Bihar	3737	0	67.1	64.5	-0.9	250	0.0
	DVC	2793	0	63.1	-27.4	0.7	150	0.0
	Jharkhand	1122	0	23.4	16.3	-0.6	160	0.0
	Odisha	3977	0	78.5	23.6	-1.4	250	0.0
	West Bengal	7451	0	134.6	40.7	4.0	300	0.0
	Sikkim	81	0	1.2	2.0	-0.7	30	0.0
NER	Arunachal Pradesh	121	4	2.3	3.0	-0.7	6	0.0
	Assam	1505	104	26.6	19.9	1.8	212	3.0
	Manipur	135	6	2.1	2.2	-0.1	31	0.1
	Meghalaya	276	0	4.9	-2.2	0.3	27	0.0
	Mizoram	73	1	1.1	1.3	-0.2	9	0.0
	Nagaland	113	3	2.0	2.0	-0.2	26	0.0
	Tripura	226	4	3.9	2.4	0.9	44	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.1	-1.7	-14.8
Day peak (MW)	1519.1	-179.4	-647.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.6	-192.9	92.4	-73.5	-7.8	7.9
Actual(MU)	180.5	-195.3	94.2	-70.9	-7.3	1.3
O/D/U/D(MU)	-9.1	-2.4	1.8	2.6	0.5	-6.7

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4442	16037	5010	800	118	26408
State Sector	9485	19667	10602	5285	110	45149
Total	13927	35704	15612	6085	228	71557

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

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

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>15-Aug-17</b>
								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	231	0.0	5.9	-5.9
2		SASARAM-FATEHPUR	S/C	0	142	0.0	0.4	-0.4
3		GAYA-BALIA	S/C	0	369	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	196	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	166	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	631	0.0	9.8	-9.8
9		PATNA-BALIA	Q/C	0	834	0.0	11.2	-11.2
10		BIHARSHARIFF-BALIA	D/C	0	292	0.0	6.0	-6.0
11		BARH-GORAKHPUR	D/C	0	280	2.9	0.0	2.9
12		BIHARSHARIFF-VARANASI	D/C	0	60	0.0	1.1	-1.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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>3.5</b>	<b>44.9</b>	<b>-41.3</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.4	0.0	7.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	113	3.9	0.0	3.9
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	39	0.8	0.0	0.8
21		JHARSUGUDA-RAIGARH	S/C	0	43	0.3	0.0	0.3
22		IBEUL-RAIGARH	S/C	0	0	0.3	0.0	0.3
23		STERLITE-RAIGARH	D/C	0	119	0.0	1.0	-1.0
24		RANCHI-SIPAT	D/C	0	0	4.3	0.0	4.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	92	0.0	0.2	-0.2
26		BUDHIPADAR-KORBA	D/C	0	0	4.0	0.0	4.0
<b>ER-WR</b>						<b>21.1</b>	<b>1.2</b>	<b>19.9</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.3	-11.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	451.4	0.0	15.5	-15.5
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2310.3	0.0	34.1	-34.1
30	400 KV	TALCHER-I/C	D/C	0.0	1098.3	0.0	16.9	-16.9
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>60.8</b>	<b>-60.8</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1028	0.0	6.6	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	759	0.0	8.3	-8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
<b>ER-NER</b>						<b>0.0</b>	<b>14.9</b>	<b>-14.9</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1152	0.0	23.7	-23.7
<b>NER-NR</b>						<b>0.0</b>	<b>23.7</b>	<b>-23.7</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	21.9	-21.9
37		V'CHAL B/B	D/C	400	0	8.3	0.0	8.3
38		APL -MHG	D/C	0	1513	0.0	39.5	-39.5
39	765 KV	GWALIOR-AGRA	D/C	0	2158	0.0	39.7	-39.7
40		PHAGI-GWALIOR	D/C	0	1042	0.0	20.8	-20.8
41	400 KV	ZERDA-KANKROLI	S/C	33	161	0.0	0.7	-0.7
42		ZERDA -BHINMAL	S/C	67	228	0.0	1.1	-1.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	405	0	3	-3
45	220 KV	BADOD-KOTA	S/C	11	58	0.0	0.6	-0.6
46		BADOD-MORAK	S/C	0	112	0.0	1.3	-1.3
47		MEHGAON-AURAIYA	S/C	50	0	0.3	0.0	0.3
48		MALANPUR-AURAIYA	S/C	18	19	0.0	0.1	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>8.6</b>	<b>128.2</b>	<b>-119.6</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1288	0.0	22.3	-22.3
53		WARDHA-NIZAMABAD	D/C	0	1213	0.0	17.3	-17.3
54	400 KV	KOLHAPUR-KUDGI	D/C	459	0	4.3	0.1	4.2
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	73	0	1.5	0.0	1.5
<b>WR-SR</b>						<b>5.8</b>	<b>63.6</b>	<b>-57.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>36.1</b>
59		NEPAL						<b>-1.7</b>
60		BANGLADESH						<b>-14.8</b>