



**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> July 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 28.07.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28-जुलाई- 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> July 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

29-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51752	38227	37442	19171	2512	149104
Peak Shortage (MW)	2500	39	15	0	152	2707
Energy Met (MU)	1207	867	940	394	48	3457
Hydro Gen(MU)	375	22	46	109	24	576
Wind Gen(MU)	10	108	176	-----	-----	294
Solar Gen (MU)*	2.92	4.38	25.90	1.29	0.02	35
Energy Shortage (MU)	18.4	0.7	0.0	0.0	1.3	20.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53507	38544	39308	19991	2650	150839

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	0.037	0.00	0.09	7.29	7.38	77.44	15.17

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	10781	0	243.9	127.4	1.1	285	0.0
	Haryana	9171	124	201.9	129.0	1.7	288	0.9
	Rajasthan	8882	0	182.6	74.3	-0.2	444	0.0
	Delhi	5443	0	113.5	89.6	-0.5	173	0.0
	UP	15713	2500	347.0	167.4	3.8	390	6.9
	Uttarakhand	1955	0	41.3	13.7	0.6	299	0.3
	HP	1305	0	27.5	-3.7	4.0	345	0.0
	J&K	2133	533	43.6	14.0	3.6	229	10.4
Chandigarh	281	0	5.7	6.7	-0.9	2	0.0	
WR	Chhattisgarh	3449	0	80.2	26.1	0.9	306	0.7
	Gujarat	10412	0	227.0	56.5	-1.7	727	0.0
	MP	6483	0	136.0	69.1	-3.0	176	0.0
	Maharashtra	17619	0	382.1	110.0	3.2	396	0.0
	Goa	433	0	8.7	8.3	0.3	80	0.0
	DD	306	0	7.0	6.5	0.5	28	0.0
	DNH	718	0	16.3	16.3	0.0	31	0.0
	Essar steel	482	0	10.0	9.9	0.1	182	0.0
SR	Andhra Pradesh	7648	0	169	52	3.6	646	0.0
	Telangana	9039	0	187	110	-1.4	390	0.0
	Karnataka	8871	0	192	81	2.6	477	0.0
	Kerala	3436	0	66	50	1.6	308	0.0
	Tamil Nadu	14067	0	319	106	-0.2	667	0.0
	Pondy	342	0	7	8	-0.4	40	0.0
ER	Bihar	4140	0	78.2	71.2	0.5	200	0.0
	DVC	2877	0	62.3	-19.8	-0.5	180	0.0
	Jharkhand	1126	0	21.8	15.5	0.2	170	0.0
	Odisha	4176	0	77.4	24.2	-0.5	300	0.0
	West Bengal	8217	0	153.3	45.2	4.3	480	0.0
	Sikkim	93	0	1.2	1.0	0.1	18	0.0
NER	Arunachal Pradesh	122	3	2.0	2.5	-0.4	8	0.1
	Assam	1656	90	31.5	23.7	3.5	162	1.0
	Manipur	133	2	2.2	1.9	0.2	22	0.1
	Meghalaya	248	0	4.6	-1.4	-0.2	42	0.0
	Mizoram	69	5	1.2	1.0	0.1	14	0.0
	Nagaland	115	3	2.3	2.0	0.1	24	0.0
	Tripura	210	9	4.1	2.9	0.9	40	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.7	-4.2	-8.0
Day peak (MW)	1502.9	-156.4	-607.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	178.4	-213.4	112.3	-78.6	1.0	-0.3
Actual(MU)	176.8	-224.8	112.0	-71.3	4.4	-2.9
O/D/U/D(MU)	-1.6	-11.4	-0.3	7.3	3.4	-2.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3664	14881	4060	1395	443	24444
State Sector	8565	22595	14352	4985	110	50607
Total	12229	37476	18412	6380	553	75051

\*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(ग्रि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 29-Jul-17	
								Import=(+ve) /Export =(-ve) for NET (MU)	
SI 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	161	0.0	5.3	-5.3	
2		SASARAM-FATEHPUR	S/C	0	0	4.4	0.0	4.4	
3		GAYA-BALIA	S/C	0	379	0.0	7.7	-7.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	204	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	74	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	511	0.0	9.1	-9.1	
9		PATNA-BALIA	Q/C	0	638	0.0	14.0	-14.0	
10		BIHARSHARIFF-BALIA	D/C	0	372	0.0	7.4	-7.4	
11		BARH-GORAKHPUR	D/C	0	212	0.0	4.2	-4.2	
12		BIHARSHARIFF-VARANASI	D/C	0	1	0.1	0.0	0.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	227	0.0	4.2	-4.2	
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>5.0</b>	<b>57.9</b>	<b>-52.9</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	14.7	0.0	14.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	11.9	0.0	11.9	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	3.5	0.0	3.5	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.8	0.0	2.8	
22		IBEUL-RAIGARH	S/C	0	0	2.8	0.0	2.8	
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0	
24		RANCHI-SIPAT	D/C	0	0	7.2	0.0	7.2	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	102	0.0	1.0	-1.0	
26		BUDHIPADAR-KORBA	D/C	0	0	3.9	0.0	3.9	
						<b>ER-WR</b>	<b>46.8</b>	<b>1.0</b>	<b>45.8</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.6	-14.6	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.2	0.0	15.1	-15.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2506.7	0.0	46.3	-46.3	
30	400 KV	TALCHER-I/C	D/C	0.0	1299.7	0.0	21.7	-21.7	
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>76.0</b>	<b>-76.0</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1179	0.0	7.9	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	936	0.0	9.0	-9	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.5	-2	
						<b>ER-NER</b>	<b>0.0</b>	<b>19.4</b>	<b>-19.4</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	17.0	-17.0	
						<b>NER-NR</b>	<b>0.0</b>	<b>17.0</b>	<b>-17.0</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	27.8	-27.8	
37		V'CHAL B/B	D/C	500	50	7.4	0.0	7.4	
38		APL -MHG	D/C	0	0	0.0	0.0	0.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2760	0.0	55.2	-55.2	
40		PHAGI-GWALIOR	D/C	0	984	0.0	18.0	-18.0	
41	400 KV	ZERDA-KANKROLI	S/C	0	272	0.0	3.9	-3.9	
42		ZERDA -BHINMAL	S/C	0	288	0.0	4.1	-4.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	304	0	3	-3	
45		BADOD-KOTA	S/C	0	92	0.0	1.4	-1.4	
46	220 KV	BADOD-MORAK	S/C	0	139	0.0	2.3	-2.3	
47		MEHGAON-AURAIYA	S/C	28	25	0.1	0.2	0.0	
48		MALANPUR-AURAIYA	S/C	0	45	0.0	0.6	-0.6	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	#VALUE!	#VALUE!	
						<b>WR-NR</b>	<b>7.6</b>	<b>#VALUE!</b>	<b>#VALUE!</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.9	-16.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1455	0.0	22.5	-22.5	
53		WARDHA-NIZAMABAD	D/C	0	1450	0.0	27.7	-27.7	
54	400 KV	KOLHAPUR-KUDGI	D/C	56	364	0.2	2.2	-1.9	
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>1.8</b>	<b>69.3</b>	<b>-67.6</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						35.7	
59		NEPAL						-4.2	
60		BANGLADESH						-8.0	