



**National Load Despatch Centre**

राष्ट्रीय भार प्रेषण केंद्र

**POWER SYSTEM OPERATION CORPORATION LIMITED**

पाँवर 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: 27<sup>th</sup> July 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14, गोलफ 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 26.07.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-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 26<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

27-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51812	38165	39709	17388	2482	149556
Peak Shortage (MW)	823	90	0	500	134	1547
Energy Met (MU)	1167	878	947	339	46	3378
Hydro Gen(MU)	369	25	65	104	26	588
Wind Gen(MU)	8	128	182	-----	-----	319
Solar Gen (MU)*	2.70	4.51	27.50	0.40	0.01	35
Energy Shortage (MU)	12.4	0.0	0.0	1.5	1.0	14.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53836	38299	41153	18146	2615	153258

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	0.041	0.00	0.91	8.08	8.99	77.56	13.45

C. Power Supply Position in States

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	11152	0	253.8	137.2	1.0	285	0.0
	Haryana	8739	0	190.9	135.2	2.0	288	0.4
	Rajasthan	7694	380	168.0	72.2	3.5	444	2.3
	Delhi	5429	0	107.3	84.6	-0.2	173	0.1
	UP	16444	440	337.3	153.7	-0.6	390	0.0
	Uttarakhand	1807	70	39.9	17.3	2.6	299	0.8
	HP	1303	0	26.8	-3.4	4.0	345	0.0
	J&K	2011	503	37.1	12.4	-1.2	229	8.9
WR	Chandigarh	325	0	6.3	6.9	-0.6	2	0.0
	Chhattisgarh	3375	0	80.8	17.7	-0.8	90	0.0
	Gujarat	10039	0	223.7	53.2	-2.0	871	0.0
	MP	6505	0	142.9	83.5	0.3	376	0.0
	Maharashtra	18066	0	389.7	116.4	2.7	622	0.0
	Goa	380	0	8.1	8.4	-0.3	119	0.0
	DD	317	0	7.1	6.4	0.7	63	0.0
	DNH	735	0	16.9	16.5	0.4	43	0.0
SR	Essar steel	458	0	9.2	8.6	0.5	196	0.0
	Andhra Pradesh	7652	0	167	39	2.2	631	0.0
	Telangana	9043	0	185	121	-6.1	659	0.0
	Karnataka	8595	0	190	62	2.4	473	0.0
	Kerala	3306	0	67	42	1.6	257	0.0
	Tamil Nadu	14819	0	331	120	9.6	504	0.0
	Pondy	340	0	8	7	0.2	51	0.0
ER	Bihar	3746	200	56.9	56.4	-3.1	315	1.5
	DVC	2677	0	55.2	-29.6	0.2	354	0.0
	Jharkhand	904	0	21.1	13.5	1.3	135	0.0
	Odisha	4062	0	74.5	24.5	-2.4	295	0.0
	West Bengal	7322	0	131.2	36.6	-0.7	305	0.0
	Sikkim	54	0	0.4	1.1	-0.7	20	0.0
NER	Arunachal Pradesh	110	2	2.0	2.7	-0.7	8	0.0
	Assam	1632	24	30.2	22.8	3.0	162	0.7
	Manipur	153	2	2.1	2.1	0.0	22	0.0
	Meghalaya	269	0	4.5	-1.2	-0.1	42	0.0
	Mizoram	75	3	1.3	1.1	0.1	14	0.0
	Nagaland	116	2	2.2	2.1	-0.1	24	0.0
	Tripura	195	32	3.8	2.5	-0.1	40	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.5	-5.3	-13.8
Day peak (MW)	1518.5	-329.4	-607.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.3	-220.0	112.9	-93.5	-0.9	-0.1
Actual(MU)	202.9	-223.7	119.8	-102.6	0.1	-3.5
O/D/U/D(MU)	1.5	-3.7	6.9	-9.2	1.0	-3.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3464	16581	5600	1280	418	27344
State Sector	9530	23243	15782	4825	110	53490
Total	12994	39824	21382	6105	528	80834

\*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(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	27-Jul-17
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
<b>Import/Export of ER (With NR)</b>									
1	765KV	GAYA-VARANASI	D/C	0	293	0.0	7.9	-7.9	
2		SASARAM-FATEHPUR	S/C	0	152	0.0	0.9	-0.9	
3		GAYA-BALIA	S/C	0	444	0.0	7.8	-7.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	194	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	86	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	765	0.0	14.0	-14.0	
9		PATNA-BALIA	Q/C	0	703	0.0	13.3	-13.3	
10		BIHARSHARIFF-BALIA	D/C	0	437	0.0	8.9	-8.9	
11		BARH-GORAKHPUR	D/C	0	477	0.0	6.3	-6.3	
12	220 KV	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.2	-2.2	
13		PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14		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	
						<b>ER-NR</b>	<b>0.3</b>	<b>67.2</b>	<b>-66.9</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.9	0.0	12.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	82	3.1	0.0	3.1	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0	
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9	
23		STERLITE-RAIGARH	D/C	0	0	1.2	0.0	1.2	
24		RANCHI-SIPAT	D/C	0	0	4.3	0.0	4.3	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	100	0.0	1.2	-1.2	
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6	
						<b>ER-WR</b>	<b>31.0</b>	<b>1.2</b>	<b>29.8</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.4	-17.4	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	226.4	0.0	10.4	-10.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2555.8	0.0	50.6	-50.6	
30	400 KV	TALCHER-I/C	D/C	0.0	1273.4	0.0	21.0	-21.0	
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>78.4</b>	<b>-78.4</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1118	0.0	7.8	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	887	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>19.3</b>	<b>-19.3</b>
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	21.3	-21.3	
						<b>NER-NR</b>	<b>0.0</b>	<b>21.3</b>	<b>-21.3</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.3	-35.3	
37		V'CHAL B/B	D/C	450	0	6.6	0.0	6.6	
38		APL -MHG	D/C	0	0	0.0	0.0	0.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2634	0.0	50.1	-50.1	
40		PHAGI-GWALIOR	D/C	0	1356	0.0	25.7	-25.7	
41	400 KV	ZERDA-KANKROLI	S/C	0	301	0.0	3.6	-3.6	
42		ZERDA -BHINMAL	S/C	0	326	0.0	3.8	-3.8	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	301	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	0	65	0.0	1.0	-1.0	
46		BADOD-MORAK	S/C	0	98	0.0	1.6	-1.6	
47		MEHGAON-AURAIYA	S/C	33	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	5	27	0.0	0.4	-0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>7.2</b>	<b>123.7</b>	<b>-116.5</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.3	-23.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1340	0.0	21.4	-21.4	
53		WARDHA-NIZAMABAD	D/C	0	1545	0.0	32.0	-32.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	177	198	0.9	1.0	-0.1	
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>2.4</b>	<b>77.6</b>	<b>-75.2</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>36.5</b>	
59		NEPAL						<b>-5.3</b>	
60		BANGLADESH						<b>-13.8</b>	