



**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: 03<sup>rd</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 02.07.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02 जुलाई 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 02<sup>nd</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

3-Jul-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44006	35352	34301	17468	2343	133470
Peak Shortage (MW)	597	112	82	230	123	1143
Energy Met (MU)	983	822	792	362	42	3000
Hydro Gen(MU)	334	22	27	93	26	503
Wind Gen(MU)	14	137	171	-----	-----	322
Solar Gen (MU)*	2.83	7.29	23.60	0.44	0.01	34
Energy Shortage (MU)	9.1	0.0	0.0	0.7	1.5	11.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47189	37183	34879	18137	2446	138658

**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	0.038	0.00	0.16	4.26	4.42	67.91	27.67

**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	8980	0	204.8	143.3	-0.7	164	0.0
	Haryana	7012	0	134.5	118.4	0.6	161	0.0
	Rajasthan	7240	0	149.5	66.5	2.1	407	0.0
	Delhi	4494	0	90.4	76.3	-0.7	192	0.0
	UP	16196	0	304.4	142.0	0.7	650	0.0
	Uttarakhand	1580	0	32.5	7.4	-1.0	189	0.0
	HP	1132	0	23.8	-5.2	2.9	310	0.0
	J&K	1818	455	38.3	14.6	-2.2	231	9.1
	Chandigarh	261	0	5.0	5.7	-0.7	32	0.0
WR	Chhattisgarh	3085	0	71.4	7.2	-1.5	163	0.0
	Gujarat	9523	0	218.8	38.2	4.3	250	0.0
	MP	6394	0	137.9	76.2	0.5	178	0.0
	Maharashtra	15649	0	355.6	100.9	2.2	350	0.0
	Goa	383	0	7.9	7.7	-0.4	50	0.0
	DD	247	0	5.7	6.0	-0.3	38	0.0
	DNH	661	0	15.1	15.7	-0.7	15	0.0
	Essar steel	497	0	9.7	9.0	0.7	70	0.0
SR	Andhra Pradesh	6761	0	143.8	31.4	3.6	547	0.0
	Telangana	6459	0	137.1	70.0	-2.1	528	0.0
	Karnataka	7104	0	159.4	62.4	2.3	649	0.0
	Kerala	2987	0	55.3	43.4	1.2	193	0.0
	Tamil Nadu	12747	0	289.3	114.6	-0.8	786	0.0
	Pondy	333	0	6.9	7.7	-0.7	39	0.0
ER	Bihar	3674	0	68.3	67.7	-1.1	325	0.7
	DVC	2759	0	59.3	-29.4	0.0	365	0.0
	Jharkhand	976	0	19.0	16.5	-2.6	125	0.0
	Odisha	4011	0	76.8	24.5	2.7	315	0.0
	West Bengal	7168	0	136.6	38.5	2.9	398	0.0
	Sikkim	52	0	1.7	1.3	0.4	20	0.0
NER	Arunachal Pradesh	113	3	1.7	3.0	-1.3	6	0.0
	Assam	1493	74	26.6	19.5	2.1	116	1.3
	Manipur	123	2	1.9	2.2	-0.3	7	0.0
	Meghalaya	233	0	4.8	0.9	-0.6	35	0.0
	Mizoram	68	3	1.2	1.5	-0.5	23	0.0
	Nagaland	109	1	1.9	2.4	-0.6	18	0.0
	Tripura	242	1	3.7	3.6	-1.2	23	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.3	-5.4	-14.6
Day peak (MW)	1415.2	-221.5	-644.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	211.0	-210.5	75.0	-75.8	0.5	0.2
Actual(MU)	197.8	-201.7	76.8	-73.1	-4.4	-4.6
O/D/U/D(MU)	-13.2	8.8	1.8	2.7	-4.9	-4.9

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4426	14501	2720	950	440	23037
State Sector	10440	23268	14662	4985	110	53465
Total	14866	37769	17382	5935	549	76502

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

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	3-Jul-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	408	0.0	12.7	-12.7	
2		SASARAM-FATEHPUR	S/C	0	230	0.0	3.5	-3.5	
3		GAYA-BALIA	S/C	0	489	0.0	7.9	-7.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	0	4.7	0.0	4.7	
6	400 KV	PUSAULI-VARANASI	S/C	0	24	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	0	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	712	0.0	12.2	-12.2	
9		PATNA-BALIA	Q/C	0	905	0.0	10.8	-10.8	
10		BIHARSHARIFF-BALIA	D/C	0	359	0.0	7.1	-7.1	
11		BARH-GORAKHPUR	D/C	0	548	0.0	9.2	-9.2	
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.0	4.3	-4.3	
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	0.5	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>5.2</b>	<b>67.7</b>	<b>-62.5</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	174	7.6	0.0	7.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.1	0.0	8.1	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	5	0.6	0.0	0.6	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.5	0.0	3.5	
22		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0	
23		STERLITE-RAIGARH	D/C	0	21	2.9	0.0	2.9	
24	220 KV	RANCHI-SIPAT	D/C	0	0	8.5	0.0	8.5	
25		BUDHIPADAR-RAIGARH	S/C	0	75	0.0	0.4	-0.4	
26		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5	
<b>ER-WR</b>						<b>35.6</b>	<b>0.4</b>	<b>35.3</b>	
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.0	-13.0	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	15.6	-15.6	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2026.7	0.0	37.0	-37.0	
30	400 KV	TALCHER-I/C	D/C	0.0	969.6	0.0	17.2	-17.2	
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>65.6</b>	<b>-65.6</b>	
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	854	0.0	5.9	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	680	0.0	7.6	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>15.3</b>	<b>-15.3</b>	
<b>Import/Export of NER (With NR)</b>									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1000	0.0	20.6	-20.6	
<b>NER-NR</b>						<b>0.0</b>	<b>20.6</b>	<b>-20.6</b>	
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	20.5	-20.5	
37		V'CHAL B/B	D/C	500	0	11.8	0.0	11.8	
38		APL -MHG	D/C	0	2015	0.0	23.8	-23.8	
39	765 KV	GWALIOR-AGRA	D/C	0	2700	0.0	47.7	-47.7	
40		PHAGI-GWALIOR	D/C	0	1380	0.0	28.8	-28.8	
41	400 KV	ZERDA-KANKROLI	S/C	107	160	0.0	0.1	-0.1	
42		ZERDA -BHINMAL	S/C	136	228	0.0	0.3	-0.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	409	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	0	120	0.0	1.5	-1.5	
46		BADOD-MORAK	S/C	0	148	0.0	2.1	-2.1	
47		MEHGAON-AURAIYA	S/C	41	34	0.2	0.0	0.2	
48	132KV	MALANPUR-AURAIYA	S/C	15	48	0.0	0.3	-0.3	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>12.0</b>	<b>128.0</b>	<b>-116.0</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.1	-18.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1543	0.0	17.9	-17.9	
53		WARDHA-NIZAMABAD	D/C	0	862	0.0	14.7	-14.7	
54	400 KV	KOLHAPUR-KUDGI	D/C	193	191	1.1	1.4	-0.3	
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	94	0	1.8	0.0	1.8	
<b>WR-SR</b>						<b>2.9</b>	<b>52.1</b>	<b>-49.3</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						34.2	
59		NEPAL						-5.4	
60		BANGLADESH						-14.6	