



**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: 02<sup>nd</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., डोंगतेह, 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 01.07.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01 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 01<sup>st</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

2-Jul-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44804	36888	35386	18277	2450	137805
Peak Shortage (MW)	647	58	0	4	160	868
Energy Met (MU)	1008	850	825	390	45	3117
Hydro Gen(MU)	329	26	28	94	26	502
Wind Gen(MU)	6	126	183	-----	-----	316
Solar Gen (MU)*	2.56	5.89	23.20	0.63	0.02	32
Energy Shortage (MU)	9.2	0.0	0.0	0.0	1.7	11.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47841	37993	36795	18532	2597	142115

**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	0.024	0.00	0.00	3.19	3.19	84.88	11.92

**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	8675	0	183.0	130.4	0.4	249	0.0
	Haryana	6916	48	133.2	117.6	0.2	195	0.0
	Rajasthan	7523	0	153.6	72.7	2.8	442	0.0
	Delhi	4831	0	97.4	80.8	1.0	219	0.0
	UP	16170	190	336.6	160.0	0.5	415	0.0
	Uttarakhand	1728	0	35.7	12.5	-0.1	110	0.0
	HP	1151	0	24.3	-4.0	3.4	294	0.0
	J&K	1944	486	38.7	14.6	-1.9	36	9.2
WR	Chandigarh	263	0	5.3	5.7	-0.4	10	0.0
	Chhattisgarh	2969	0	70.5	6.1	-0.6	114	0.0
	Gujarat	10021	0	226.4	46.6	-0.2	488	0.0
	MP	6616	0	143.4	86.7	0.2	378	0.0
	Maharashtra	16572	0	370.9	97.0	6.0	684	0.0
	Goa	398	0	8.4	7.7	0.1	101	0.0
	DD	263	0	6.0	6.0	0.0	12	0.0
	DNH	664	0	15.2	15.5	-0.3	3	0.0
SR	Essar steel	513	0	9.0	8.8	0.2	189	0.0
	Andhra Pradesh	6586	0	145.7	30.0	3.8	534	0.0
	Telangana	6285	0	138.4	71.0	-2.0	388	0.0
	Karnataka	7440	0	166.5	61.9	4.5	527	0.0
	Kerala	2954	0	60.9	46.6	1.5	229	0.0
	Tamil Nadu	13854	0	305.5	121.7	1.4	590	0.0
	Pondy	347	0	7.5	7.9	-0.4	18	0.0
	ER	Bihar	3636	0	69.5	70.5	-2.7	250
DVC		2733	0	62.5	-30.0	-0.5	210	0.0
Jharkhand		1027	0	23.1	19.2	0.3	110	0.0
Odisha		3713	0	76.1	23.3	1.8	300	0.0
West Bengal		7465	0	157.4	52.9	6.5	375	0.0
Sikkim		63	0	1.0	1.4	-0.4	12	0.0
NER	Arunachal Pradesh	127	0	2.0	2.9	-0.9	6	0.0
	Assam	1582	100	28.5	22.9	1.6	116	1.5
	Manipur	126	2	2.3	2.3	0.0	7	0.0
	Meghalaya	237	0	4.1	0.4	-0.7	35	0.0
	Mizoram	78	2	1.3	1.1	0.1	23	0.0
	Nagaland	111	1	2.1	2.2	-0.2	18	0.0
	Tripura	242	2	4.2	2.9	-0.1	23	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.4	-4.4	-14.7
Day peak (MW)	1385.4	-219.0	-648.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	210.5	-218.8	76.7	-66.0	-0.5	1.9
Actual(MU)	206.9	-219.8	78.7	-62.6	-2.8	0.4
O/D/U/D(MU)	-3.6	-1.0	2.0	3.3	-2.3	-1.6

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4426	15041	3010	1160	305	23942
State Sector	11495	23558	14032	4565	110	53760
Total	15921	38599	17042	5725	414	77702

\*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(प्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 2-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	765 KV	GAYA-VARANASI	D/C	0	354	0.0	7.6	-7.6
2		SASARAM-FATEHPUR	S/C	0	158	0.7	0.0	0.7
3		GAYA-BALIA	S/C	0	434	0.0	5.8	-5.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	2.5	-2.5
6	400 KV	PUSAULI-VARANASI	S/C	0	157	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	58	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	600	0.0	10.8	-10.8
9		PATNA-BALIA	Q/C	0	768	0.0	12.2	-12.2
10		BIHARSHARIFF-BALIA	D/C	0	335	0.0	4.9	-4.9
11		BARH-GORAKHPUR	D/C	0	497	0.0	8.6	-8.6
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.0	1.9	-1.9
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	0.0	0.0	0.0
16		KARMANASA-SAHUPURI	S/C	0	0	0.5	0.0	0.5
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0
<b>ER-NR</b>						<b>1.2</b>	<b>54.3</b>	<b>-53.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	93	5.7	0.0	5.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	7.9	0.0	7.9
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	2	1.5	0.0	1.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.1	0.0	3.1
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3
23		STERLITE-RAIGARH	D/C	0	0	1.6	0.0	1.6
24	220 KV	RANCHI-SIPAT	D/C	0	0	9.3	0.0	9.3
25		BUDHIPADAR-RAIGARH	S/C	0	77	0.0	0.7	-0.7
26		BUDHIPADAR-KORBA	D/C	0	0	3.2	0.0	3.2
<b>ER-WR</b>						<b>33.6</b>	<b>0.7</b>	<b>32.9</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	339.6	0.0	15.8	-15.8
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2036.2	0.0	36.1	-36.1
30	400 KV	TALCHER-I/C	D/C	0.0	1053.3	0.0	16.4	-16.4
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>64.9</b>	<b>-64.9</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	943	0.0	6.1	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	751	0.0	6.5	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
<b>ER-NER</b>						<b>0.0</b>	<b>14.4</b>	<b>-14.4</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	19.0	-19.0
<b>NER-NR</b>						<b>0.0</b>	<b>19.0</b>	<b>-19.0</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.3	-29.3
37		V'CHAL B/B	D/C	500	0	11.9	0.0	11.9
38		APL -MHG	D/C	0	2015	0.0	34.0	-34.0
39	765 KV	GWALIOR-AGRA	D/C	0	2566	0.0	46.6	-46.6
40		PHAGI-GWALIOR	D/C	0	1594	0.0	35.5	-35.5
41	400 KV	ZERDA-KANKROLI	S/C	166	93	1.5	0.0	1.5
42		ZERDA -BHINMAL	S/C	153	156	1.0	0.0	1.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	378	0	3	-3
45	220 KV	BADOD-KOTA	S/C	4	85	0.0	0.9	-0.9
46		BADOD-MORAK	S/C	0	117	0.0	1.7	-1.7
47		MEHGAON-AURAIYA	S/C	28	12	0.2	0.1	0.1
48		MALANPUR-AURAIYA	S/C	6	30	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>14.6</b>	<b>151.0</b>	<b>-136.4</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.4	-20.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1374	0.0	19.0	-19.0
53		WARDHA-NIZAMABAD	D/C	0	984	0.0	13.0	-13.0
54	400 KV	KOLHAPUR-KUDGI	D/C	305	105	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	104	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>3.1</b>	<b>53.8</b>	<b>-50.8</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						31.4
59		NEPAL						-4.4
60		BANGLADESH						-14.7