



**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: 18<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., 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 17.07.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17-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 17 July 2017, is available at the NLDC website.

धन्यवाद,



पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

18-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51606	38646	35890	19994	2467	148603
Peak Shortage (MW)	1625	79	0	9	144	1857
Energy Met (MU)	1208	875	808	408	43	3343
Hydro Gen(MU)	347	26	31	99	25	527
Wind Gen(MU)	4	84	199	-----	-----	286
Solar Gen (MU)*	3.00	9.37	17.30	1.22	0.00	31
Energy Shortage (MU)	10.6	0.1	0.0	0.0	1.9	12.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54800	38814	37236	20341	2544	152046

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	0.023	0.00	0.00	2.66	2.66	88.18	9.16

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	10622	0	239.3	138.0	-0.4	194	0.0
	Haryana	9342	0	193.1	135.9	0.4	248	0.0
	Rajasthan	8426	179	189.0	84.7	1.6	261	0.0
	Delhi	5468	0	112.1	88.3	0.0	301	0.0
	UP	17060	490	366.6	164.8	2.0	392	1.5
	Uttarakhand	1797	0	37.7	14.6	2.0	395	0.2
	HP	1346	0	27.1	-1.2	3.1	289	0.2
	J&K	1997	499	36.0	11.4	-1.3	140	8.6
Chandigarh	363	0	7.2	6.8	0.3	57	0.0	
WR	Chhattisgarh	3081	0	74.4	21.8	-0.2	308	0.0
	Gujarat	10739	0	230.7	60.4	-1.4	635	0.0
	MP	7199	15	153.9	82.7	3.3	807	0.1
	Maharashtra	16967	0	374.7	107.6	2.4	540	0.0
	Goa	350	0	8.0	8.2	-0.7	26	0.0
	DD	296	0	6.6	6.2	0.4	57	0.0
	DNH	710	0	16.2	16.3	-0.2	9	0.0
Essar steel	505	0	10.3	10.5	-0.2	227	0.0	
SR	Andhra Pradesh	6251	0	137	27	5	645	0.0
	Telangana	6744	0	139	73	-1	510	0.0
	Karnataka	7867	0	169	67	3	483	0.0
	Kerala	3398	0	64	46	2	230	0.0
	Tamil Nadu	13823	0	292	102	1	620	0.0
	Pondy	354	0	7	7	0	31	0.0
ER	Bihar	4095	0	84.3	79.8	0.0	220	0.0
	DVC	2940	0	66.4	-34.1	-1.1	225	0.0
	Jharkhand	1150	0	22.4	17.4	-0.8	85	0.0
	Odisha	4029	0	80.8	32.0	0.8	250	0.0
	West Bengal	7891	0	153.5	58.6	0.3	250	0.0
	Sikkim	65	0	1.0	0.9	0.2	5	0.0
NER	Arunachal Pradesh	100	6	1.5	2.3	-0.8	0	0.0
	Assam	1564	99	28.0	21.0	2.4	204	1.7
	Manipur	142	4	1.8	1.7	0.1	5	0.0
	Meghalaya	256	0	4.2	-1.6	0.3	15	0.0
	Mizoram	74	0	1.2	0.8	0.2	17	0.0
	Nagaland	108	2	1.8	1.8	0.0	23	0.0
Tripura	246	10	4.8	2.8	1.2	90	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.6	-6.1	-15.1
Day peak (MW)	1436.4	-270.2	-658.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	241.9	-251.5	85.4	-70.7	-3.3	1.8
Actual(MU)	236.3	-247.8	85.4	-74.2	-1.0	-1.3
O/D/U/D(MU)	-5.6	3.7	0.0	-3.5	2.3	-3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3492	14152	4060	950	368	23022
State Sector	9600	21950	15552	4565	110	51777
Total	13092	36102	19612	5515	478	74799

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

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

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 18-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	256	0.0	6.6	-6.6	
2		SASARAM-FATEHPUR	S/C	0	34	2.2	0.0	2.2	
3		GAYA-BALIA	S/C	0	401	0.0	6.1	-6.1	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.5	-4.5	
6	400 KV	PUSAULI-VARANASI	S/C	0	177	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	47	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	621	0.0	10.9	-10.9	
9		PATNA-BALIA	Q/C	0	724	0.0	14.4	-14.4	
10		BIHARSHARIFF-BALIA	D/C	0	311	0.0	5.5	-5.5	
11		BARH-GORAKHPUR	D/C	0	471	0.0	9.1	-9.1	
12		BIHARSHARIFF-VARANASI	D/C	0	1	0.0	0.5	-0.5	
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>2.8</b>	<b>57.5</b>	<b>-54.6</b>
<b>Import/Export of ER (With WR)</b>									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.2	0.0	12.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	69	6.3	0.0	6.3	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	2.3	0.0	2.3	
21		JHARSUGUDA-RAIGARH	S/C	0	12	1.4	0.0	1.4	
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2	
23		STERLITE-RAIGARH	D/C	0	0	7.9	0.0	7.9	
24		RANCHI-SIPAT	D/C	0	0	5.0	0.0	5.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	106	0.0	1.4	-1.4	
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6	
						<b>ER-WR</b>	<b>39.7</b>	<b>1.4</b>	<b>38.4</b>
<b>Import/Export of ER (With SR)</b>									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.8	-14.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	15.0	-15.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2510.8	0.0	34.2	-34.2	
30	400 KV	TALCHER-I/C	D/C	0.0	1085.1	0.0	16.8	-16.8	
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>64.0</b>	<b>-64.0</b>
<b>Import/Export of ER (With NER)</b>									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1002	0.0	6.6	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	804	0.0	7.1	-7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-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	1002	0.0	18.5	-18.5	
						<b>NER-NR</b>	<b>0.0</b>	<b>18.5</b>	<b>-18.5</b>
<b>Import/Export of WR (With NR)</b>									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.7	-34.7	
37		V'CHAL B/B	D/C	400	50	4.3	0.4	3.9	
38		APL -MHG	D/C	0	2519	0.0	55.9	-55.9	
39	765 KV	GWALIOR-AGRA	D/C	0	2852	0.0	51.6	-51.6	
40		PHAGI-GWALIOR	D/C	0	1328	0.0	25.4	-25.4	
41	400 KV	ZERDA-KANKROLI	S/C	137	94	0.8	0.0	0.8	
42		ZERDA -BHINMAL	S/C	143	156	0.4	0.0	0.4	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	287	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	41	25	0.2	0.3	-0.1	
46		BADOD-MORAK	S/C	2	59	0.0	0.9	-0.9	
47		MEHGAON-AURAIYA	S/C	40	0	0.5	0.0	0.5	
48		MALANPUR-AURAIYA	S/C	10	24	0.0	0.3	-0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>6.1</b>	<b>171.5</b>	<b>-165.4</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.6	-16.6	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1784	0.0	22.2	-22.2	
53		WARDHA-NIZAMABAD	D/C	0	770	0.0	14.5	-14.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	80	290	0.6	1.8	-1.2	
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>2.1</b>	<b>55.0</b>	<b>-52.9</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>35.6</b>	
59		NEPAL						<b>-6.1</b>	
60		BANGLADESH						<b>-15.1</b>	