



**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: 10<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 09.07.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 09 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

10-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52800	39029	33752	18153	2346	146080
Peak Shortage (MW)	664	16	0	0	118	798
Energy Met (MU)	1211	955	810	375	43	3394
Hydro Gen(MU)	345	25	26	105	24	524
Wind Gen(MU)	36	75	135	-----	-----	246
Solar Gen (MU)*	3.26	11.76	24.80	0.78	0.02	41
Energy Shortage (MU)	9.1	0.0	0.0	0.0	1.9	11.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53186	41012	38099	19224	2534	150752

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	0.025	0.00	0.10	2.30	2.41	82.77	14.83

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	11023	0	245.1	140.9	0.4	151	0.0
	Haryana	8759	0	183.8	135.1	0.3	356	0.0
	Rajasthan	9549	399	204.3	75.3	1.9	334	0.0
	Delhi	5796	0	111.5	87.0	-0.1	204	0.0
	UP	16849	0	356.9	159.6	1.5	938	0.0
	Uttarakhand	1770	0	39.9	9.4	2.8	326	0.0
	HP	1208	0	25.5	-1.3	3.6	223	0.0
	J&K	1860	465	38.1	16.9	-0.9	257	9.1
WR	Chandigarh	304	0	5.8	6.1	-0.3	7	0.0
	Chhattisgarh	3467	0	83.4	17.1	-0.6	217	0.0
	Gujarat	11092	0	253.7	50.8	-0.3	330	0.0
	MP	7107	0	157.8	88.8	-1.7	403	0.0
	Maharashtra	19143	0	420.6	122.6	4.6	548	0.0
	Goa	411	0	9.0	7.2	1.2	33	0.0
	DD	271	0	6.0	5.8	0.1	23	0.0
	DNH	703	0	16.2	15.8	0.4	40	0.0
	Essar steel	461	0	8.6	8.0	0.5	166	0.0
	Andhra Pradesh	7030	0	153	48	5	510	0.0
SR	Telangana	6968	0	145	86	-1	383	0.0
	Karnataka	7882	0	173	88	2	472	0.0
	Kerala	3070	0	59	47	2	219	0.0
	Tamil Nadu	12224	0	273	107	1	518	0.0
	Pondy	330	0	7	8	-1	25	0.0
	Bihar	3974	0	74.2	73.5	-1.0	225	0.0
ER	DVC	2861	0	64.1	-36.1	-0.3	220	0.0
	Jharkhand	1081	0	23.3	18.4	-1.3	90	0.0
	Odisha	3912	0	75.0	24.2	0.1	250	0.0
	West Bengal	7528	0	137.3	34.7	0.1	250	0.0
	Sikkim	55	0	0.9	1.1	-0.3	15	0.0
NER	Arunachal Pradesh	98	6	1.9	2.5	-0.6	37	0.0
	Assam	1488	54	27.0	19.9	3.2	221	1.7
	Manipur	146	2	2.0	1.8	0.2	55	0.0
	Meghalaya	247	0	4.4	-0.6	-0.5	32	0.0
	Mizoram	70	2	1.2	0.9	0.2	32	0.0
	Nagaland	100	2	1.9	1.9	-0.1	28	0.0
	Tripura	244	5	4.2	2.5	-0.1	82	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.2	-5.3	-14.2
Day peak (MW)	1434.8	-220.7	-645.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	234.6	-227.5	93.4	-96.7	-3.8	0.0
Actual(MU)	228.6	-224.4	95.6	-96.0	-2.4	1.4
O/D/U/D(MU)	-6.0	3.1	2.2	0.7	1.4	1.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3549	14431	2560	1160	710	22410
State Sector	9100	19100	15232	4275	110	47817
Total	12649	33531	17792	5435	819	70227

\*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 :	10-Jul-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	322	0.0	10.2	-10.2	
2		SASARAM-FATEHPUR	S/C	0	71	1.0	0.0	1.0	
3		GAYA-BALIA	S/C	0	463	0.0	7.2	-7.2	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	HVDC	PUSAULI B/B	S/C	0	198	0.0	4.0	-4.0	
6		PUSAULI-VARANASI	S/C	0	186	0.0	0.0	0.0	
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	49	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	801	0.0	14.7	-14.7	
9		PATNA-BALIA	Q/C	0	1104	0.0	14.2	-14.2	
10		BIHARSHARIFF-BALIA	D/C	0	372	0.0	6.3	-6.3	
11		BARH-GORAKHPUR	D/C	0	615	0.0	10.2	-10.2	
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.0	2.1	-2.1	
13		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	
ER-NR						1.6	69.0	-67.4	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	27	5.5	0.0	5.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	99	3.6	0.0	3.6	
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	17	1.5	0.0	1.5	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0	
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0	
23		STERLITE-RAIGARH	D/C	0	0	2.7	0.0	2.7	
24	220 KV	RANCHI-SIPAT	D/C	0	0	4.1	0.0	4.1	
25		BUDHIPADAR-RAIGARH	S/C	0	110	0.0	1.5	-1.5	
26		BUDHIPADAR-KORBA	D/C	0	0	3.2	0.0	3.2	
ER-WR						24.7	1.5	23.1	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.9	-15.9	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	14.0	-14.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2505.4	0.0	45.5	-45.5	
30	400 KV	TALCHER-1C	D/C	0.0	1320.9	0.0	18.9	-18.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	75.4	-75.4	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1160	0.0	6.9	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	917	0.0	8.0	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2	
ER-NER						0.0	17.2	-17.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1152	0.0	21.7	-21.7	
NER-NR						0.0	21.7	-21.7	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.7	-29.7	
37		V'CHAL B/B	D/C	500	0	11.0	0.0	11.0	
38		APL -MHG	D/C	0	2015	0.0	36.2	-36.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2734	0.0	52.1	-52.1	
40		PHAGI-GWALIOR	D/C	0	1428	0.0	27.6	-27.6	
41	400 KV	ZERDA-KANKROLI	S/C	111	106	0.4	0.0	0.4	
42		ZERDA -BHINMAL	S/C	100	125	0.3	0.0	0.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	307	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	9	82	0.0	1.2	-1.2	
46		BADOD-MORAK	S/C	0	121	0.0	2.1	-2.1	
47		MEHGAON-AURAIYA	S/C	37	7	0.3	0.0	0.3	
48	132KV	MALANPUR-AURAIYA	S/C	10	33	0.0	0.4	-0.4	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						12.0	151.8	-139.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.0	-19.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1514	0.0	27.7	-27.7	
53		WARDHA-NIZAMABAD	D/C	0	883	0.0	15.1	-15.1	
54	400 KV	KOLHAPUR-KUDGI	D/C	168	243	0.3	1.4	-1.0	
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	94	0	2.1	0.0	2.1	
WR-SR						2.5	63.2	-60.7	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						36.2	
59		NEPAL						-5.3	
60		BANGLADESH						-14.2	