



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: 15th 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 14.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14-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 14 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

15-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52475	38683	36124	18593	2492	148367
Peak Shortage (MW)	990	64	0	300	133	1487
Energy Met (MU)	1194	896	825	393	45	3354
Hydro Gen(MU)	352	24	27	103	27	532
Wind Gen(MU)	9	134	189	-----	-----	332
Solar Gen (MU)*	3.30	4.60	18.70	1.16	0.02	28
Energy Shortage (MU)	17.7	0.0	0.0	0.9	1.2	19.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	55303	38618	37574	19573	2588	152206

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	0.031	0.00	0.12	2.97	3.09	73.95	22.96

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	10417	0	232.1	132.1	0.2	283	0.0
	Haryana	9350	0	193.8	135.6	0.5	340	0.0
	Rajasthan	8314	240	179.2	86.6	5.2	414	8.3
	Delhi	5677	0	114.3	88.2	0.9	262	0.0
	UP	17264	990	363.2	159.7	2.6	1167	0.0
	Uttarakhand	1820	0	39.6	12.3	0.2	150	0.0
	HP	1319	0	27.1	-1.9	2.7	183	0.0
	J&K	1913	478	39.1	14.7	-1.6	70	9.3
	Chandigarh	299	0	6.0	6.5	-0.5	22	0.0
WR	Chhattisgarh	3448	0	83.1	16.8	-1.3	157	0.0
	Gujarat	11056	0	248.6	48.2	-1.4	498	0.0
	MP	6729	0	142.0	71.9	-1.1	510	0.0
	Maharashtra	17084	0	381.2	84.9	-0.4	322	0.0
	Goa	390	0	8.4	8.3	-0.5	48	0.0
	DD	307	0	6.9	6.3	0.5	62	0.0
	DNH	689	0	15.7	16.1	-0.5	5	0.0
	Essar steel	483	0	10.4	9.8	0.6	150	0.0
SR	Andhra Pradesh	6383	0	140	22	1	283	0.0
	Telangana	7156	0	145	78	-3	208	0.0
	Karnataka	8029	0	174	71	2	325	0.0
	Kerala	3345	0	63	49	1	163	0.0
	Tamil Nadu	14021	0	296	109	-1	349	0.0
	Pondy	332	0	7	8	0	43	0.0
ER	Bihar	3964	300	78.7	73.8	3.2	250	0.9
	DVC	2941	0	64.4	-37.2	-0.2	300	0.0
	Jharkhand	1179	0	23.6	16.1	1.9	210	0.0
	Odisha	3991	0	79.0	24.5	2.3	250	0.0
	West Bengal	7899	0	146.4	43.5	2.5	380	0.0
	Sikkim	69	0	1.0	1.2	-0.2	5	0.0
NER	Arunachal Pradesh	100	3	1.9	2.9	-1.0	0	0.0
	Assam	1576	109	29.5	22.8	2.9	204	1.0
	Manipur	139	6	2.0	2.1	-0.1	5	0.1
	Meghalaya	254	0	4.5	-0.5	-0.3	15	0.0
	Mizoram	68	4	1.2	1.1	0.0	17	0.0
	Nagaland	105	5	1.9	2.1	-0.3	23	0.0
	Tripura	256	0	4.4	2.7	0.3	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.1	-5.4	-14.7
Day peak (MW)	1494.6	-340.9	-640.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	239.5	-235.6	96.5	-97.3	-2.8	0.4
Actual(MU)	234.6	-236.5	89.9	-87.2	-2.5	-1.7
O/D/U/D(MU)	-4.9	-1.0	-6.6	10.1	0.3	-2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3384	14422	4560	950	305	23621
State Sector	12760	20055	14982	4275	110	52182
Total	16144	34477	19542	5225	414	75803

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(प्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पीसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	15-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)	
Import/Export of ER (With NR)									
1	765 KV	GAYA-VARANASI	D/C	0	332	0.0	10.4	-10.4	
2		SASARAM-FATEHPUR	S/C	0	46	0.5	0.0	0.5	
3		GAYA-BALIA	S/C	0	439	0.0	7.3	-7.3	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.6	-4.6	
6	400 KV	PUSAULI-VARANASI	S/C	0	152	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	64	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	713	0.0	13.1	-13.1	
9		PATNA-BALIA	Q/C	0	894	0.0	13.4	-13.4	
10		BIHARSHARIFF-BALIA	D/C	0	337	0.0	6.8	-6.8	
11		BARH-GORAKHPUR	D/C	0	510	0.0	9.5	-9.5	
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.0	2.3	-2.3	
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	0.4	0.0	0.4	
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						0.8	67.4	-66.6	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	24	7.9	0.0	7.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	123	4.9	0.0	4.9	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.7	0.0	1.7	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.6	0.0	1.6	
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7	
23		STERLITE-RAIGARH	D/C	0	18	3.5	0.0	3.5	
24	220 KV	RANCHI-SIPAT	D/C	0	0	4.6	0.0	4.6	
25		BUDHIPADAR-RAIGARH	S/C	0	118	0.0	1.1	-1.1	
26		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8	
ER-WR						29.9	1.1	28.8	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.2	-15.2	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	338.2	0.0	16.2	-16.2	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2501.3	0.0	34.3	-34.3	
30	400 KV	TALCHER-I/C	D/C	0.0	1055.1	0.0	16.4	-16.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	65.7	-65.7	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	966	0.0	5.9	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	774	0.0	6.4	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2	
ER-NER						0.0	14.2	-14.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1001	0.0	18.5	-18.5	
NER-NR						0.0	18.5	-18.5	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	32.2	-32.2	
37		V'CHAL B/B	D/C	500	200	10.3	0.1	10.2	
38		APL -MHG	D/C	0	2216	0.0	46.5	-46.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2718	0.0	51.6	-51.6	
40		PHAGI-GWALIOR	D/C	0	1552	0.0	30.0	-30.0	
41	400 KV	ZERDA-KANKROLI	S/C	187	116	0.6	0.0	0.6	
42		ZERDA -BHINMAL	S/C	156	115	0.2	0.0	0.2	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	265	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	22	56	0.0	0.6	-0.6	
46		BADOD-MORAK	S/C	0	81	0.0	1.3	-1.3	
47		MEHGAON-AURAIYA	S/C	35	11	1.3	0.0	1.2	
48		MALANPUR-AURAIYA	S/C	9	31	0.0	0.4	-0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						12.4	165.3	-152.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.5	-16.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1430	0.0	23.7	-23.7	
53		WARDHA-NIZAMABAD	D/C	0	920	0.0	15.0	-15.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	127	310	0.2	2.1	-1.8	
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	73	0	1.5	0.0	1.5	
WR-SR						1.7	57.2	-55.5	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						36.1	
59		NEPAL						-5.4	
60		BANGLADESH						-14.7	