



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: 05th 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 04.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04 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 04th 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

5-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49455	38798	37197	17593	2339	145382
Peak Shortage (MW)	779	88	0	0	182	1049
Energy Met (MU)	1099	881	858	368	43	3248
Hydro Gen(MU)	348	19	36	107	28	538
Wind Gen(MU)	48	165	166	-----	-----	379
Solar Gen (MU)*	2.79	10.37	24.70	0.31	0.01	38
Energy Shortage (MU)	9.2	0.1	0.0	0.0	1.5	10.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52289	39624	38480	18593	2433	150009

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	0.041	0.00	0.45	6.32	6.77	70.87	22.36

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	9965	0	220.4	136.7	-0.2	200	0.0
	Haryana	8480	100	176.5	138.2	-0.9	206	0.1
	Rajasthan	7860	0	158.5	46.7	0.0	240	0.0
	Delhi	5772	0	113.7	94.3	-0.2	229	0.1
	UP	16434	0	322.5	147.6	2.4	559	0.0
	Uttarakhand	1721	0	36.9	9.9	0.3	141	0.0
	HP	1247	0	26.3	-2.4	2.7	227	0.0
	J&K	1877	469	37.6	12.1	-0.4	479	8.9
	Chandigarh	322	0	6.3	6.5	-0.2	21	0.0
	WR	Chhattisgarh	3150	0	73.0	8.2	-0.7	119
Gujarat		10994	0	243.5	31.8	1.4	574	0.0
MP		6389	0	132.5	66.0	-0.5	406	0.0
Maharashtra		17684	0	391.8	107.3	4.9	510	0.0
Goa		436	0	8.5	8.2	-0.1	45	0.0
DD		284	0	6.4	6.2	0.2	44	0.0
DNH		689	0	15.7	15.9	-0.2	6	0.0
Essar steel		466	0	9.3	9.1	0.2	226	0.0
SR	Andhra Pradesh	7109	0	149.9	34.2	5.2	770	0.0
	Telangana	6842	0	147.6	82.1	0.1	467	0.0
	Karnataka	8030	0	173.9	68.0	4.4	446	0.0
	Kerala	3430	0	63.0	46.7	1.4	261	0.0
	Tamil Nadu	14371	0	316.9	134.9	6.5	823	0.0
	Pondy	355	0	6.8	7.4	-0.6	30	0.0
ER	Bihar	3644	0	66.1	66.8	-2.0	80	0.0
	DVC	2708	0	59.6	-36.0	0.5	150	0.0
	Jharkhand	980	0	20.7	15.9	-1.3	60	0.0
	Odisha	3985	0	76.9	25.5	2.6	340	0.0
	West Bengal	7435	0	143.6	43.0	1.9	140	0.0
	Sikkim	65	0	1.1	1.3	-0.2	10	0.0
NER	Arunachal Pradesh	102	4	1.8	3.1	-1.3	6	0.0
	Assam	1501	134	26.9	20.8	2.1	116	1.2
	Manipur	131	5	2.0	2.1	-0.1	7	0.1
	Meghalaya	244	0	4.7	-0.4	-0.6	35	0.0
	Mizoram	62	6	1.2	1.0	0.1	23	0.1
	Nagaland	101	4	1.9	2.3	-0.4	18	0.0
	Tripura	230	2	4.3	3.1	-0.7	23	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.7	-4.4	-14.7
Day peak (MW)	1463.6	-183.2	-646.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	214.9	-222.3	94.8	-83.3	-3.4	0.6
Actual(MU)	211.2	-219.2	99.3	-80.4	-5.8	5.1
O/D/U/D(MU)	-3.6	3.1	4.5	2.9	-2.4	4.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4196	15431	2510	1660	305	24102
State Sector	10375	21706	14352	5195	110	51738
Total	14571	37137	16862	6855	414	75840

*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 :	5-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	765KV	GAYA-VARANASI	D/C	0	295	0.0	9.7	-9.7	
2		SASARAM-FATEHPUR	S/C	0	32	1.0	0.0	1.0	
3		GAYA-BALIA	S/C	0	428	0.0	7.8	-7.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	185	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	60	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	787	0.0	13.6	-13.6	
9		PATNA-BALIA	Q/C	0	861	0.0	15.7	-15.7	
10		BIHARSHARIFF-BALIA	D/C	0	359	0.0	6.4	-6.4	
11		BARH-GORAKHPUR	D/C	0	409	0.0	7.3	-7.3	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.3	-1.3	
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						1.4	66.7	-65.3	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	157	7.2	0.0	7.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	5.0	0.0	5.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.9	0.0	1.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.3	0.0	2.3	
22		IBEUL-RAIGARH	S/C	0	0	2.3	0.0	2.3	
23		STERLITE-RAIGARH	D/C	0	0	3.1	0.0	3.1	
24	220 KV	RANCHI-SIPAT	D/C	0	0	6.9	0.0	6.9	
25		BUDHIPADAR-RAIGARH	S/C	0	102	0.0	0.7	-0.7	
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3	
ER-WR						32.0	0.7	31.3	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.2	-16.2	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	451.4	0.0	15.7	-15.7	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2502.6	0.0	42.8	-42.8	
30	400 KV	TALCHER-I/C	D/C	0.0	1584.9	1.1	13.8	-12.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	74.7	-74.7	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1363	0.0	5.0	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1065	0.0	5.7	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
ER-NER						0.0	12.6	-12.6	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1501	0.0	19.7	-19.7	
NER-NR						0.0	19.7	-19.7	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.0	-35.0	
37		V'CHAL B/B	D/C	400	100	5.1	0.4	4.7	
38		APL -MHG	D/C	0	2215	0.0	25.3	-25.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2568	0.0	49.0	-49.0	
40		PHAGI-GWALIOR	D/C	0	1464	0.0	25.4	-25.4	
41	400 KV	ZERDA-KANKROLI	S/C	189	0	2.0	0.0	2.0	
42		ZERDA -BHINMAL	S/C	258	0	3.6	0.0	3.6	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	174	0	0	0	
45		BADOD-KOTA	S/C	0	103	0.0	1.2	-1.2	
46		BADOD-MORAK	S/C	0	155	0.0	2.5	-2.5	
47		MEHGAON-AURAIYA	S/C	25	12	0.2	0.1	0.1	
48		MALANPUR-AURAIYA	S/C	3	33	0.0	0.5	-0.5	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						10.8	139.5	-128.6	
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	2122	0.0	27.7	-27.7	
53		WARDHA-NIZAMABAD	D/C	0	1073	0.0	17.8	-17.8	
54	400 KV	KOLHAPUR-KUDGI	D/C	209	329	2.3	0.9	1.4	
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	106	0	2.0	0.0	2.0	
WR-SR						4.3	65.5	-61.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						34.7	
59		NEPAL						-4.4	
60		BANGLADESH						-14.7	