



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर 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: 16th 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 15.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15-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 15 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

16-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51321	38417	35178	19258	2480	146654
Peak Shortage (MW)	1036	70	0	200	116	1422
Energy Met (MU)	1212	878	818	397	48	3354
Hydro Gen(MU)	355	19	28	102	28	532
Wind Gen(MU)	7	131	184	-----	-----	323
Solar Gen (MU)*	3.09	4.49	19.90	1.23	0.02	29
Energy Shortage (MU)	10.6	0.0	0.0	0.6	1.0	12.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	55097	38262	36580	20154	2600	149856

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	0.027	0.00	0.00	3.75	3.75	82.91	13.34

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	10293	0	235.7	134.5	-2.7	260	0.0
	Haryana	9227	0	197.4	140.3	0.8	289	0.1
	Rajasthan	8068	0	185.8	90.0	2.3	313	1.3
	Delhi	5571	0	111.6	87.1	0.8	208	0.0
	UP	17240	790	369.3	163.8	2.2	603	0.0
	Uttarakhand	1847	0	39.9	12.6	1.0	266	0.0
	HP	1300	0	27.0	-1.8	2.9	254	0.0
	J&K	1959	490	38.9	13.8	-0.8	110	9.3
Chandigarh	309	0	6.5	6.4	0.1	27	0.0	
WR	Chhattisgarh	3327	0	80.4	16.0	-2.2	83	0.0
	Gujarat	10270	0	228.1	28.0	2.5	554	0.0
	MP	6895	0	148.5	82.0	-1.7	369	0.0
	Maharashtra	17091	0	378.3	90.9	2.5	555	0.0
	Goa	421	0	9.4	8.3	0.6	71	0.0
	DD	305	0	6.9	6.5	0.4	51	0.0
	DNH	684	0	15.3	16.0	-0.6	145	0.0
	Essar steel	534	0	11.6	10.7	0.8	200	0.0
SR	Andhra Pradesh	6373	0	143	27	5	849	0.0
	Telangana	6951	0	146	78	-1	262	0.0
	Karnataka	8028	0	169	69	2	612	0.0
	Kerala	3258	0	63	49	2	201	0.0
	Tamil Nadu	13486	0	290	104	-3	817	0.0
	Pondy	339	0	7	8	-1	18	0.0
ER	Bihar	4094	100	82.4	75.9	4.8	300	0.3
	DVC	3250	0	67.1	-34.6	-0.4	250	0.0
	Jharkhand	1186	0	22.9	17.0	0.3	190	0.0
	Odisha	4187	100	78.6	26.9	0.9	400	0.3
	West Bengal	7984	0	145.0	47.8	2.1	400	0.0
	Sikkim	69	0	1.0	1.5	-0.5	0	0.0
NER	Arunachal Pradesh	103	2	2.3	2.9	-0.6	0	0.0
	Assam	1600	82	30.7	24.1	2.2	204	0.8
	Manipur	128	1	2.0	2.1	-0.1	5	0.0
	Meghalaya	250	0	4.5	-0.6	-0.4	15	0.0
	Mizoram	71	2	1.2	1.0	0.2	17	0.0
	Nagaland	110	1	2.3	2.1	0.1	23	0.0
	Tripura	246	0	5.1	3.1	0.4	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.0	-4.2	-15.2
Day peak (MW)	1468.0	-314.8	-674.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	241.9	-250.6	91.6	-82.9	-2.2	-2.2
Actual(MU)	238.8	-247.7	88.9	-75.5	-1.5	3.0
O/D/U/D(MU)	-3.1	2.9	-2.7	7.4	0.7	5.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3915	14422	4060	1450	305	24152
State Sector	10880	22150	14632	4275	110	52047
Total	14795	36572	18692	5725	414	76199

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 16-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	281	0.0	9.2	-9.2	
2		SASARAM-FATEHPUR	S/C	0	58	0.5	0.0	0.5	
3		GAYA-BALIA	S/C	0	425	0.0	7.1	-7.1	
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	172	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	727	0.0	12.3	-12.3	
9		PATNA-BALIA	Q/C	0	760	0.0	15.6	-15.6	
10		BIHARSHARIFF-BALIA	D/C	0	327	0.0	6.0	-6.0	
11		BARH-GORAKHPUR	D/C	0	492	0.0	9.4	-9.4	
12		BIHARSHARIFF-VARANASI	D/C	0	1	0.0	1.1	-1.1	
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	0.9	65.3	-64.4
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.9	0.0	10.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	39	5.0	0.0	5.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.4	0.0	2.4	
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	4.9	0.0	4.9	
24		RANCHI-SIPAT	D/C	0	0	5.2	0.0	5.2	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	74	0.0	0.6	-0.6	
26		BUDHIPADAR-KORBA	D/C	0	0	4.3	0.0	4.3	
						ER-WR	36.7	0.6	36.2
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.9	-14.9	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	16.1	-16.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.6	0.0	32.1	-32.1	
30	400 KV	TALCHER-I/C	D/C	0.0	1118.6	0.0	15.5	-15.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	63.1	-63.1
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	930	0.0	5.6	-6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	723	0.0	5.9	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2	
						ER-NER	0.0	13.4	-13.4
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1001	0.0	17.1	-17.1	
						NER-NR	0.0	17.1	-17.1
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.2	-29.2	
37		V'CHAL B/B	D/C	250	400	3.8	0.9	2.9	
38		APL -MHG	D/C	0	2519	0.0	52.0	-52.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2780	0.0	50.4	-50.4	
40		PHAGI-GWALIOR	D/C	0	1478	0.0	28.7	-28.7	
41	400 KV	ZERDA-KANKROLI	S/C	132	102	0.0	0.0	0.0	
42		ZERDA -BHINMAL	S/C	216	127	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	273	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	22	50	0.1	0.6	-0.5	
46		BADOD-MORAK	S/C	0	75	0.0	1.2	-1.2	
47		MEHGAON-AURAIYA	S/C	43	9	0.4	0.0	0.3	
48		MALANPUR-AURAIYA	S/C	10	31	0.0	0.3	-0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	4.5	165.3	-160.8
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	12.8	-12.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1448	0.0	24.8	-24.8	
53		WARDHA-NIZAMABAD	D/C	0	979	0.0	15.9	-15.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	339	185	0.4	2.3	-2.0	
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	73	0	1.5	0.0	1.5	
						WR-SR	1.9	55.9	-54.0
TRANSNATIONAL EXCHANGE									
58		BHUTAN						36.0	
59		NEPAL						-4.2	
60		BANGLADESH						-15.2	