



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: 17th June 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 16.06.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-जून 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 16 June 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

17-Jun-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50729	41922	35451	18380	2327	148808
Peak Shortage (MW)	454	50	0	300	154	957
Energy Met (MU)	1137	995	816	377	44	3369
Hydro Gen(MU)	306	27	39	70	26	468
Wind Gen(MU)	28	106	109	-----	-----	243
Solar Gen (MU)*	3.54	12.76	17.30	1.18	0.00	35
Energy Shortage (MU)	12.2	0.0	0.0	1.2	1.2	14.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53186	42654	36015	18842	2373	150587

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	0.030	0.00	0.08	3.26	3.34	76.40	20.25

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	10056	0	213.9	126.0	0.4	285	0.0
	Haryana	7268	0	143.4	111.3	-6.2	220	0.0
	Rajasthan	9122	343	201.0	75.5	3.7	486	1.0
	Delhi	5879	0	106.5	88.4	-1.8	204	0.0
	UP	17278	530	358.4	150.1	-1.1	375	2.0
	Uttarakhand	1779	0	40.1	15.4	0.4	145	0.0
	HP	1240	0	26.2	2.8	2.5	232	0.1
	J&K	1947	487	41.6	15.2	0.5	214	9.2
	Chandigarh	290	0	5.8	6.4	-0.6	5	0.0
WR	Chhattisgarh	3208	0	73.4	8.2	-1.7	89	0.0
	Gujarat	15397	0	338.4	93.1	0.8	570	0.0
	MP	6987	0	156.1	81.8	-2.3	500	0.0
	Maharashtra	17032	0	384.8	114.7	0.0	569	0.0
	Goa	414	0	8.9	9.9	-1.4	107	0.0
	DD	324	0	7.3	6.3	1.0	76	0.0
	DNH	737	0	16.7	16.8	-0.2	27	0.0
	Essar steel	477	0	9.1	8.7	0.4	235	0.0
	Andhra Pradesh	6350	0	139.8	38.7	5.7	1195	0.0
SR	Telangana	5731	0	120.4	66.9	-2.7	297	0.0
	Karnataka	7790	0	164.6	65.4	4.8	591	0.0
	Kerala	3504	0	67.8	47.1	1.9	263	0.0
	Tamil Nadu	13973	0	316.2	123.9	0.1	704	0.0
	Pondy	361	0	7.6	7.7	-0.1	26	0.0
	Bihar	3989	0	76.8	75.2	-0.3	385	1.2
ER	DVC	2827	0	65.3	-34.7	-0.3	305	0.0
	Jharkhand	999	0	21.6	16.0	0.4	185	0.0
	Odisha	3993	0	71.2	10.1	2.9	398	0.0
	West Bengal	7556	0	141.1	42.4	1.6	435	0.0
	Sikkim	66	0	1.2	1.1	0.1	20	0.0
NER	Arunachal Pradesh	101	1	2.0	2.8	-0.8	8	0.0
	Assam	1466	101	27.7	20.0	2.9	78	1.0
	Manipur	127	5	2.0	2.0	-0.1	27	0.0
	Meghalaya	245	0	4.9	0.4	-0.3	36	0.0
	Mizoram	67	1	1.1	0.9	0.2	23	0.0
	Nagaland	137	3	1.9	1.9	-0.2	53	0.0
	Tripura	214	14	4.3	2.6	-0.2	35	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.2	-4.4	-14.0
Day peak (MW)	406.9	-231.2	-638.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	210.8	-196.4	66.8	-67.1	-3.7	10.4
Actual(MU)	202.6	-200.6	73.4	-63.2	-4.0	8.2
O/D/U/D(MU)	-8.2	-4.2	6.6	3.9	-0.3	-2.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3050	14711	4980	1580	305	24626
State Sector	11840	18810	10812	5635	110	47207
Total	14890	33521	15792	7215	414	71833

*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(ग्रिडप्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 17-Jun-17
								Import=(+ve) /Export =(-ve) for NET (MU)
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	0	0.0	5.8	-5.8
2		SASARAM-FATEHPUR	S/C	0	47	2.3	0.0	2.3
3		GAYA-BALIA	S/C	0	530	0.0	8.6	-8.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	245	0.0	5.9	-5.9
6	400 KV	PUSAULI-VARANASI	S/C	0	214	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	63	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	487	0.0	7.2	-7.2
9		PATNA-BALIA	Q/C	0	768	0.0	14.3	-14.3
10		BIHARSHARIFF-BALIA	D/C	0	288	0.0	3.9	-3.9
11		BARH-GORAKHPUR	D/C	0	541	0.0	9.9	-9.9
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.2	-0.2
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						2.8	55.7	-53.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	391	1.8	0.0	1.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	6.9	0.0	6.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.4	0.0	0.4
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.9	0.0	2.9
22		IBEUL-RAIGARH	S/C	0	0	2.9	0.0	2.9
23		STERLITE-RAIGARH	D/C	0	180	0.0	1.0	-1.0
24		RANCHI-SIPAT	D/C	0	0	5.2	0.0	5.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	152	0.0	1.3	-1.3
26		BUDHIPADAR-KORBA	D/C	0	12	2.7	0.0	2.7
ER-WR						22.9	2.3	20.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.5	-12.5
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	289.1	0.0	11.4	-11.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2030.8	0.0	37.9	-37.9
30	400 KV	TALCHER-I/C	D/C	0.0	1036.4	0.0	10.5	-10.5
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	61.8	-61.8
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1193	0.0	3.8	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	922	0.0	4.9	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1
ER-NER						0.0	9.9	-9.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	704	0.0	15.0	-15.0
NER-NR						0.0	15.0	-15.0
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.8	-35.8
37		V'CHAL B/B	D/C	500	250	8.2	0.0	8.2
38		APL -MHG	D/C	0	2015	0.0	30.7	-30.7
39	765 KV	GWALIOR-AGRA	D/C	0	2496	0.0	46.9	-46.9
40		PHAGI-GWALIOR	D/C	0	1700	0.0	32.6	-32.6
41	400 KV	ZERDA-KANKROLI	S/C	353	0	4.3	0.0	4.3
42		ZERDA -BHINMAL	S/C	367	41	4.2	0.0	4.2
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	316	0	3	-3
45	220 KV	BADOD-KOTA	S/C	3	65	0.0	0.9	-0.9
46		BADOD-MORAK	S/C	0	118	0.0	2.0	-2.0
47		MEHGAON-AURAIYA	S/C	34	15	0.2	0.0	0.1
48		MALANPUR-AURAIYA	S/C	20	30	0.0	0.5	-0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						16.8	152.2	-135.4
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	7.0	-7.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1777	0.0	26.6	-26.6
53		WARDHA-NIZAMABAD	D/C	0	951	0.0	16.8	-16.8
54	400 KV	KOLHAPUR-KUDGI	D/C	262	218	0.8	2.4	-1.5
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	92	0	1.7	0.0	1.7
WR-SR						2.5	52.7	-50.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						10.0
59		NEPAL						-4.4
60		BANGLADESH						-14.0