



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: 12th 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 11.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11-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 11 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

12-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50345	41653	37376	18048	2335	149757
Peak Shortage (MW)	423	32	104	150	181	889
Energy Met (MU)	1185	972	856	368	40	3421
Hydro Gen(MU)	348	29	33	107	23	541
Wind Gen(MU)	47	145	157	-----	-----	349
Solar Gen (MU)*	0.43	11.07	18.90	0.53	0.01	31
Energy Shortage (MU)	11.2	0.1	0.0	0.9	1.9	14.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	55162	41488	38984	18842	2433	152845

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	0.036	0.00	0.00	5.64	5.64	72.00	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	11371	0	247.6	137.7	-0.3	164	0.0
	Haryana	8985	0	190.9	134.7	-1.9	210	0.0
	Rajasthan	9981	0	214.5	73.6	1.6	355	0.4
	Delhi	5865	0	117.1	93.3	-1.0	161	0.1
	UP	15915	260	309.1	146.0	0.4	364	0.0
	Uttarakhand	1711	0	36.7	10.1	2.1	260	0.0
	HP	1223	0	26.3	-1.3	2.6	220	0.0
	J&K	1872	468	37.0	14.1	-1.9	100	10.7
	Chandigarh	299	0	6.1	7.0	-0.9	0	0.0
	WR	Chhattisgarh	3307	69	78.2	11.8	-0.4	90
Gujarat		11587	0	263.4	35.7	-0.5	512	0.0
MP		7203	0	154.1	72.0	-0.4	357	0.0
Maharashtra		19427	0	432.8	133.7	1.5	541	0.0
Goa		411	0	8.4	8.3	-0.5	51	0.0
DD		309	0	6.9	6.3	0.6	57	0.0
DNH		719	0	16.5	16.5	0.0	21	0.0
Essar steel		542	0	11.4	9.4	2.0	268	0.0
SR	Andhra Pradesh	6555	0	152	36	5	610	0.0
	Telangana	7156	0	150	82	-3	352	0.0
	Karnataka	8467	0	184	90	2	525	0.0
	Kerala	3181	0	62	50	1	182	0.0
	Tamil Nadu	13847	0	301	125	2	811	0.0
	Pondy	343	0	7	7	0	24	0.0
ER	Bihar	3750	0	62.9	61.0	0.2	365	0.9
	DVC	2815	0	64.8	-27.6	1.2	345	0.0
	Jharkhand	1059	0	21.0	16.6	-1.4	135	0.0
	Odisha	4151	0	81.2	28.9	1.7	385	0.0
	West Bengal	7373	0	136.9	33.4	1.1	413	0.0
	Sikkim	67	0	1.6	1.4	0.1	20	0.0
NER	Arunachal Pradesh	109	4	1.8	2.3	-0.5	25	0.0
	Assam	1462	142	24.6	19.0	1.7	144	1.6
	Manipur	131	2	2.0	1.8	0.2	36	0.1
	Meghalaya	261	0	4.1	-0.9	-0.3	48	0.0
	Mizoram	65	3	1.3	1.0	0.2	25	0.0
	Nagaland	101	2	1.8	1.8	-0.2	20	0.0
	Tripura	231	3	4.5	2.5	0.5	90	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.0	-3.4	-14.8
Day peak (MW)	1443.4	-253.5	-650.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	227.6	-220.2	87.0	-89.2	-4.2	0.9
Actual(MU)	210.7	-213.9	94.3	-87.4	-4.0	-0.3
O/D/U/D(MU)	-16.9	6.4	7.3	1.9	0.2	-1.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3549	15152	2560	1450	395	23106
State Sector	10040	20677	14092	4275	110	49194
Total	13589	35829	16652	5725	504	72300

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

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 12-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	265	0.0	7.6	-7.6
2		SASARAM-FATEHPUR	S/C	0	67	1.0	0.0	1.0
3		GAYA-BALIA	S/C	0	320	0.0	5.0	-5.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.0	-4.0
6	400 KV	PUSAULI-VARANASI	S/C	0	179	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	49	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	796	0.0	14.2	-14.2
9		PATNA-BALIA	Q/C	0	753	0.0	12.2	-12.2
10		BIHARSHARIFF-BALIA	D/C	0	299	0.0	5.9	-5.9
11		BARH-GORAKHPUR	D/C	0	499	0.0	7.3	-7.3
12		BIHARSHARIFF-VARANASI	D/C	0	4	0.0	2.1	-2.1
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	0.6	0.0	0.6
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	58.4	-56.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	130	7.7	0.0	7.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	231	0.3	0.0	0.3
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	24	0.8	0.0	0.8
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.1	0.0	1.1
22		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0
23		STERLITE-RAIGARH	D/C	0	0	2.4	0.0	2.4
24		RANCHI-SIPAT	D/C	0	0	3.0	0.0	3.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	117	0.0	1.5	-1.5
26		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5
ER-WR						19.7	1.5	18.2
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.6	-16.6
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	317.8	0.0	14.8	-14.8
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2502.6	0.0	43.4	-43.4
30	400 KV	TALCHER-I/C	D/C	0.0	1087.6	0.0	18.2	-18.2
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	937	0.0	6.4	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	747	0.0	7.8	-8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						0.0	16.5	-16.5
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	22.6	-22.6
NER-NR						0.0	22.6	-22.6
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	32.7	-32.7
37		V'CHAL B/B	D/C	500	0	11.1	0.0	11.1
38		APL -MHG	D/C	0	2217	0.0	46.2	-46.2
39	765 KV	GWALIOR-AGRA	D/C	0	2392	0.0	43.8	-43.8
40		PHAGI-GWALIOR	D/C	0	1166	0.0	23.2	-23.2
41	400 KV	ZERDA-KANKROLI	S/C	209	0	2.1	0.0	2.1
42		ZERDA -BHINMAL	S/C	212	0	2.7	0.0	2.7
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	183	0	1	-1
45	220 KV	BADOD-KOTA	S/C	6	79	0.0	1.0	-1.0
46		BADOD-MORAK	S/C	0	142	0.0	2.3	-2.3
47		MEHGAON-AURAIYA	S/C	45	0	0.5	0.0	0.5
48		MALANPUR-AURAIYA	S/C	5	18	0.1	0.1	0.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						16.5	150.5	-134.0
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.7	-22.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1569	0.0	26.5	-26.5
53		WARDHA-NIZAMABAD	D/C	0	742	0.0	13.8	-13.8
54	400 KV	KOLHAPUR-KUDGI	D/C	74	264	0.2	2.2	-2.0
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						1.8	65.1	-63.4
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.0
59		NEPAL						-3.4
60		BANGLADESH						-14.8