



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: 24th July 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14, गोलफ 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 23.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-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 23rd 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

24-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	47587	35818	36136	17655	2185	139381
Peak Shortage (MW)	740	0	0	0	248	988
Energy Met (MU)	1123	822	868	362	41	3216
Hydro Gen(MU)	373	13	41	95	25	548
Wind Gen(MU)	11	148	191	-----	-----	350
Solar Gen (MU)*	3.26	4.65	27.30	0.75	0.01	36
Energy Shortage (MU)	9.1	0.0	0.0	0.0	2.0	11.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51555	35901	38303	18061	2272	143070

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	0.06	1.54	1.60	68.26	30.14

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	10307	0	236.1	138.5	-0.4	167	0.0
	Haryana	8881	0	177.0	121.4	0.3	256	0.0
	Rajasthan	7510	0	154.4	53.2	0.9	342	0.0
	Delhi	4933	16	99.5	78.2	-1.0	192	0.1
	UP	16197	370	349.4	177.4	0.7	261	0.0
	Uttarakhand	1659	0	37.6	13.5	0.9	262	0.0
	HP	1182	0	25.1	-3.2	2.1	149	0.0
	J&K	1978	494	38.0	13.6	-1.6	106	9.0
WR	Chandigarh	319	0	6.4	6.1	0.2	36	0.0
	Chhattisgarh	3406	0	79.0	17.1	-1.7	135	0.0
	Gujarat	9290	0	212.0	53.9	-0.8	548	0.0
	MP	6330	0	138.2	62.4	-2.1	455	0.0
	Maharashtra	15761	0	352.4	90.6	4.3	535	0.0
	Goa	390	0	8.0	7.5	0.5	60	0.0
	DD	275	0	6.3	6.2	0.1	34	0.0
	DNH	711	0	16.1	16.3	-0.2	5	0.0
SR	Essar steel	468	0	9.8	9.5	0.3	181	0.0
	Andhra Pradesh	7435	0	163	41	2.6	576	0.0
	Telangana	7936	0	174	93	1.1	410	0.0
	Karnataka	7309	0	162	57	1.7	605	0.0
	Kerala	3147	0	59	43	1.7	262	0.0
	Tamil Nadu	12990	0	303	100	2.3	607	0.0
ER	Pondy	340	0	7	8	-0.3	30	0.0
	Bihar	3778	0	75.7	74.1	-1.6	200	0.0
	DVC	2702	0	62.6	-18.6	-3.7	210	0.0
	Jharkhand	1066	0	20.9	13.5	-2.1	120	0.0
	Odisha	3733	0	74.9	21.4	2.0	250	0.0
	West Bengal	6862	0	125.9	33.0	2.3	300	0.0
NER	Sikkim	95	0	1.8	1.2	0.6	30	0.0
	Arunachal Pradesh	102	3	2.0	2.7	-0.7	-30	0.0
	Assam	1399	166	26.0	20.2	1.1	161	1.8
	Manipur	126	3	1.9	2.3	-0.4	12	0.0
	Meghalaya	224	0	4.6	-1.2	0.1	48	0.0
	Mizoram	67	5	1.3	1.3	0.0	17	0.0
	Nagaland	109	3	2.1	2.1	-0.2	35	0.1
	Tripura	226	1	3.5	3.1	-0.1	121	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.8	-6.3	-14.9
Day peak (MW)	1504.7	-342.4	-643.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.2	-207.6	91.2	-74.1	-1.1	-1.4
Actual(MU)	179.3	-204.9	100.4	-65.7	-3.7	5.3
O/D/U/D(MU)	-11.0	2.7	9.2	8.4	-2.6	6.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	15461	4270	1220	355	25118
State Sector	8930	23662	14652	4795	110	52149
Total	12742	39123	18922	6015	464	77267

*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 : 24-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	248	0.0	6.0	-6.0
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	423	0.0	6.1	-6.1
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5	HVDC	PUSAULI B/B	S/C	0	248	0.0	5.9	-5.9
6		PUSAULI-VARANASI	S/C	0	195	0.0	0.0	0.0
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	89	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	640	0.0	11.2	-11.2
9		PATNA-BALIA	Q/C	0	689	0.0	13.5	-13.5
10		BIHARSHARIFF-BALIA	D/C	0	396	0.0	7.3	-7.3
11		BARH-GORAKHPUR	D/C	0	669	0.0	8.4	-8.4
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.9	-1.9
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	0.5	0.0	0.5
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						3.5	60.4	-56.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	13.2	0.0	13.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.5	0.0	9.5
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	3.5	0.0	3.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.8	0.0	2.8
22		IBEUL-RAIGARH	S/C	0	0	2.8	0.0	2.8
23		STERLITE-RAIGARH	D/C	0	0	1.1	0.0	1.1
24	220 KV	RANCHI-SIPAT	D/C	0	0	6.0	0.0	6.0
25		BUDHIPADAR-RAIGARH	S/C	0	79	0.0	0.7	-0.7
26		BUDHIPADAR-KORBA	D/C	0	0	3.4	0.0	3.4
ER-WR						42.2	0.7	41.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.0	-16.0
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.1	0.0	16.1	-16.1
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2501.3	0.0	37.3	-37.3
30	400 KV	TALCHER-I/C	D/C	0.0	717.7	0.0	11.5	-11.5
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	69.4	-69.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	607	0.0	3.6	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	492	0.0	4.3	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
ER-NER						0.0	9.2	-9.2
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARALI-AGRA	-	0	709	0.0	15.1	-15.1
NER-NR						0.0	15.1	-15.1
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	#VALUE!	0	0.0	0.0	0.0
37		V'CHAL B/B	D/C	500	0	9.6	0.0	9.6
38		APL -MHG	D/C	0	2519	0.0	47.9	-47.9
39	765 KV	GWALIOR-AGRA	D/C	0	2538	0.0	45.7	-45.7
40		PHAGI-GWALIOR	D/C	0	956	0.0	15.1	-15.1
41	400 KV	ZERDA-KANKROLI	S/C	229	0	2.8	0.0	2.8
42		ZERDA -BHINMAL	S/C	244	15	2.6	0.0	2.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	233	0	2	-2
45	220 KV	BADOD-KOTA	S/C	0	71	0.0	0.9	-0.9
46		BADOD-MORAK	S/C	0	129	0.0	2.0	-2.0
47		MEHGAON-AURAIYA	S/C	33	17	0.3	0.0	0.2
48	132KV	MALANPUR-AURAIYA	S/C	10	33	0.0	0.3	-0.3
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	#VALUE!	#VALUE!
WR-NR						15.3	#VALUE!	#VALUE!
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.1	-19.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1601	0.0	21.7	-21.7
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1519	0.0	22.6	-22.6
54	400 KV	KOLHAPUR-KUDGI	D/C	0	0	0.0	2.0	-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						1.5	65.4	-63.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.8
59		NEPAL						-6.3
60		BANGLADESH						-14.9