



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: 25th 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 24.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24th 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

25-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48048	37406	39003	17709	2437	144603
Peak Shortage (MW)	1892	59	15	8	149	2123
Energy Met (MU)	1112	843	912	345	41	3253
Hydro Gen(MU)	376	22	49	99	26	572
Wind Gen(MU)	15	165	190	-----	-----	369
Solar Gen (MU)*	3.02	5.17	23.20	0.56	0.01	32
Energy Shortage (MU)	8.9	0.0	0.0	0.0	2.2	11.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49618	37656	41436	17610	2467	146239

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	0.028	0.00	0.07	1.69	1.76	73.87	24.38

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	10261	0	228.4	132.2	0.8	216	0.0	
	Haryana	8392	0	178.4	125.0	1.7	401	0.0	
	Rajasthan	7127	0	155.0	55.9	2.3	613	0.0	
	Delhi	5012	0	104.9	85.6	-1.7	162	0.1	
	UP	15808	0	336.7	159.3	0.5	515	0.0	
	Uttarakhand	1790	0	39.0	14.3	1.5	183	0.0	
	HP	1429	0	26.3	-2.6	2.4	244	0.0	
	J&K	1869	467	37.0	13.4	-2.4	23	8.8	
	Chandigarh	304	0	6.0	7.0	-1.0	0	0.0	
	WR	Chhattisgarh	3457	0	78.8	16.3	-0.6	187	0.0
Gujarat		9601	0	213.0	48.4	-2.0	753	0.0	
MP		6596	0	140.5	68.6	-2.4	541	0.0	
Maharashtra		16849	0	369.7	99.6	2.4	557	0.0	
Goa		380	0	8.1	8.1	0.0	62	0.0	
DD		312	0	6.8	6.3	0.5	57	0.0	
DNH		731	0	16.6	16.4	0.2	46	0.0	
Essar steel		505	0	9.6	9.7	-0.1	143	0.0	
SR		Andhra Pradesh	7649	0	165	47	3.8	593	0.0
		Telangana	8320	0	179	108	-0.3	476	0.0
	Karnataka	8178	0	176	67	2.8	401	0.0	
	Kerala	3356	0	65	45	1.6	227	0.0	
	Tamil Nadu	14654	0	319	108	5.4	654	0.0	
	Pondy	368	0	8	8	-0.1	44	0.0	
ER	Bihar	3735	0	73.2	70.3	-0.3	225	0.0	
	DVC	2601	0	58.9	-25.4	0.6	220	0.0	
	Jharkhand	970	0	21.0	12.4	-1.1	85	0.0	
	Odisha	3845	0	72.9	22.5	0.7	220	0.0	
	West Bengal	6349	0	117.2	30.9	0.1	250	0.0	
	Sikkim	103	0	1.8	1.1	0.7	5	0.0	
NER	Arunachal Pradesh	102	2	2.0	2.9	-0.9	-30	0.0	
	Assam	1590	94	25.6	20.5	0.5	161	2.1	
	Manipur	130	1	1.9	2.3	-0.4	12	0.0	
	Meghalaya	266	0	4.4	-0.8	-0.1	48	0.0	
	Mizoram	77	1	1.4	1.3	0.0	17	0.0	
	Nagaland	113	1	2.3	2.3	-0.2	35	0.0	
	Tripura	208	1	3.5	2.9	-0.6	121	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.4	-5.7	-15.0
Day peak (MW)	1518.3	-276.2	-646.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	182.7	-204.8	106.2	-86.7	-0.7	-3.3
Actual(MU)	175.5	-206.2	116.6	-82.9	-5.0	-2.0
O/D/U/D(MU)	-7.3	-1.4	10.4	3.8	-4.3	1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3602	15911	4100	1220	355	25188
State Sector	8930	23452	14942	4195	110	51629
Total	12532	39363	19042	5415	464	76817

*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 : 25-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	328	0.0	8.6	-8.6
2		SASARAM-FATEHPUR	S/C	0	101	3.2	0.0	3.2
3		GAYA-BALIA	S/C	0	403	0.0	7.1	-7.1
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5	HVDC	PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0
6		PUSAULI-VARANASI	S/C	0	195	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	96	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	847	0.0	11.6	-11.6
9	400 KV	PATNA-BALIA	Q/C	0	541	0.0	12.3	-12.3
10		BIHARSHARIFF-BALIA	D/C	0	467	0.0	8.3	-8.3
11		BARH-GORAKHPUR	D/C	0	419	0.0	8.2	-8.2
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	3.4	-3.4
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						3.5	65.5	-62.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.4	0.0	12.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	73	5.2	0.0	5.2
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.6	0.0	2.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.6	0.0	2.6
22		IBEUL-RAIGARH	S/C	0	0	2.6	0.0	2.6
23		STERLITE-RAIGARH	D/C	0	0	1.8	0.0	1.8
24	220 KV	RANCHI-SIPAT	D/C	0	0	5.0	0.0	5.0
25		BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.8	-0.8
26		BUDHIPADAR-KORBA	D/C	0	0	3.2	0.0	3.2
ER-WR						35.3	0.8	34.5
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	346.4	0.0	16.1	-16.1
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2508.1	0.0	44.6	-44.6
30	400 KV	TALCHER-I/C	D/C	0.0	996.1	0.0	10.8	-10.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	77.0	-77.0
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	857	0.0	3.4	-3
33		ALIPURDUAR-BONGAIGAON	D/C	0	683	0.0	4.2	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2
ER-NER						0.0	9.2	-9.2
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARALI-AGRA	-	0	1000	0.0	16.3	-16.3
NER-NR						0.0	16.3	-16.3
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	250	500	1.3	6.1	-4.8
38		APL -MHG	D/C	0	2519	0.0	16.3	-16.3
39	765 KV	GWALIOR-AGRA	D/C	0	2382	0.0	45.5	-45.5
40		PHAGI-GWALIOR	D/C	0	1356	0.0	20.1	-20.1
41	400 KV	ZERDA-KANKROLI	S/C	192	161	0.0	0.0	0.0
42		ZERDA -BHINMAL	S/C	246	175	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	196	0	1	-1
45	220 KV	BADOD-KOTA	S/C	0	109	0.0	1.2	-1.2
46		BADOD-MORAK	S/C	0	164	0.0	2.6	-2.6
47		MEHGAON-AURAIYA	S/C	35	7	0.4	0.0	0.4
48	132KV	MALANPUR-AURAIYA	S/C	8	26	0.0	0.3	-0.2
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						1.9	93.1	-91.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.3	-20.3
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1623	0.0	29.5	-29.5
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1527	0.0	27.3	-27.3
54	400 KV	KOLHAPUR-KUDGI	D/C	105	307	0.2	3.4	-3.2
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						1.7	80.6	-78.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.4
59		NEPAL						-5.7
60		BANGLADESH						-15.0