



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: 28th 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 27.07.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 27-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 27th 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

28-Jul-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50555	37305	39100	18273	2341	147574
Peak Shortage (MW)	1928	118	0	770	282	3097
Energy Met (MU)	1174	871	951	370	46	3412
Hydro Gen(MU)	375	22	62	107	25	592
Wind Gen(MU)	5	103	183	-----	-----	291
Solar Gen (MU)*	2.57	5.62	27.80	1.17	0.02	37
Energy Shortage (MU)	10.7	0.1	0.0	2.5	2.1	15.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52964	38141	40452	18874	2622	151189

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	0.074	0.00	2.50	20.03	22.53	66.05	11.41

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	10811	0	247.5	136.9	-0.1	171	0.0
	Haryana	8817	238	197.2	132.5	1.4	917	0.2
	Rajasthan	8790	0	181.3	79.5	1.5	334	0.7
	Delhi	5484	3	111.9	89.4	-0.6	188	0.1
	UP	15502	1665	324.4	153.9	1.9	666	0.1
	Uttarakhand	1971	0	40.1	14.8	0.9	176	0.6
	HP	1299	0	27.5	-3.9	3.9	289	0.0
	J&K	1926	481	38.0	13.4	-1.4	141	9.0
	Chandigarh	293	0	6.3	6.6	-0.3	14	0.0
WR	Chhattisgarh	3542	42	78.5	19.5	0.7	292	0.1
	Gujarat	9887	0	220.5	55.9	-1.3	591	0.0
	MP	6300	0	140.0	89.9	0.6	348	0.0
	Maharashtra	17822	0	389.0	112.0	-0.9	364	0.0
	Goa	440	0	8.7	8.4	0.3	78	0.0
	DD	314	0	7.0	6.4	0.7	67	0.0
	DNH	738	0	16.9	16.3	0.6	56	0.0
	Essar steel	504	0	9.9	9.5	0.4	235	0.0
SR	Andhra Pradesh	7933	0	170	53	6.9	892	0.0
	Telangana	9030	0	187	107	-6.1	583	0.0
	Karnataka	8652	0	192	65	3.8	710	0.0
	Kerala	3353	0	67	47	1.6	247	0.0
	Tamil Nadu	14891	0	328	107	3.7	409	0.0
	Pondy	359	0	8	7	0.2	47	0.0
ER	Bihar	3904	200	73.1	67.4	2.4	312	1.4
	DVC	2721	0	59.3	-28.1	1.0	345	0.5
	Jharkhand	1006	0	19.2	12.8	0.4	136	0.0
	Odisha	3919	0	73.8	22.9	-1.0	365	0.6
	West Bengal	7776	0	143.7	38.3	3.1	425	0.0
Sikkim	199	0	0.9	1.3	-0.4	28	0.0	
NER	Arunachal Pradesh	96	7	2.0	2.7	-0.7	8	0.1
	Assam	1588	120	29.8	23.0	2.6	162	1.8
	Manipur	140	3	2.3	1.9	0.3	22	0.0
	Meghalaya	226	0	4.7	-1.7	0.3	42	0.0
	Mizoram	71	4	1.3	1.0	0.2	14	0.0
	Nagaland	120	4	2.3	2.0	0.1	24	0.1
	Tripura	243	1	4.1	2.4	0.4	40	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.1	-6.1	-13.5
Day peak (MW)	1505.3	-303.9	-615.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	200.3	-210.9	109.5	-92.3	-1.5	5.0
Actual(MU)	189.7	-213.9	115.6	-87.6	0.6	4.4
O/D/U/D(MU)	-10.6	-3.0	6.1	4.8	2.1	-0.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3464	16881	4350	870	418	25984
State Sector	8370	22715	14082	5215	110	50492
Total	11834	39596	18432	6085	528	76476

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(प्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पीसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	28-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	279	0.0	9.4	-9.4	
2		SASARAM-FATEHPUR	S/C	0	122	0.0	0.1	-0.1	
3		GAYA-BALIA	S/C	0	399	0.0	5.6	-5.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	189	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	87	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	708	0.0	11.9	-11.9	
9		PATNA-BALIA	Q/C	0	759	0.0	12.8	-12.8	
10		BIHARSHARIFF-BALIA	D/C	0	392	0.0	7.6	-7.6	
11		BARH-GORAKHPUR	D/C	0	252	0.0	4.7	-4.7	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.3	-2.3		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	213	0.0	1.8	-1.8	
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	0.4	62.1	-61.7
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.4	0.0	10.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	170	5.2	0.0	5.2	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.9	0.0	1.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9	
22		IBEUL-RAIGARH	S/C	0	0	1.8	0.0	1.8	
23		STERLITE-RAIGARH	D/C	0	0	1.3	0.0	1.3	
24		RANCHI-SIPAT	D/C	0	0	4.5	0.0	4.5	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	103	0.0	1.2	-1.2	
26		BUDHIPADAR-KORBA	D/C	0	0	4.0	0.0	4.0	
						ER-WR	31.0	1.2	29.8
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	311.0	0.0	13.2	-13.2	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2512.2	0.0	47.5	-47.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1021.7	0.0	12.0	-12.0	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	77.3	-77.3
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	921	0.0	4.2	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	740	0.0	4.6	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2	
						ER-NER	0.0	10.6	-10.6
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	12.4	-12.4	
						NER-NR	0.0	12.4	-12.4
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	33.4	-33.4	
37		V'CHAL B/B	D/C	400	0	5.7	0.0	5.7	
38		APL -MHG	D/C	0	0	0.0	0.0	0.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2640	0.0	52.7	-52.7	
40		PHAGI-GWALIOR	D/C	0	1214	0.0	23.2	-23.2	
41	400 KV	ZERDA-KANKROLI	S/C	0	269	0.0	4.7	-4.7	
42		ZERDA -BHINMAL	S/C	22	302	0.0	5.2	-5.2	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUALPUR	D/C	0	316	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	7	72	0.0	0.9	-0.9	
46		BADOD-MORAK	S/C	0	95	0.0	1.5	-1.5	
47		MEHGAON-AURAIYA	S/C	37	18	0.8	0.0	0.7	
48		MALANPUR-AURAIYA	S/C	9	28	0.0	0.4	-0.3	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	#VALUE!	#VALUE!	
						WR-NR	6.5	#VALUE!	#VALUE!
Import/Export of WR (With SR)									
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	20.5	-20.5	
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1459	0.0	22.3	-22.3	
53		WARDHA-NIZAMABAD	D/C	0	1400	0.0	29.0	-29.0	
54	400 KV	KOLHAPUR-KUDGI	D/C	107	199	0.0	0.0	0.0	
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	1.5	71.8	-70.3
TRANSNATIONAL EXCHANGE									
58		BHUTAN						36.1	
59		NEPAL						-6.1	
60		BANGLADESH						-13.5	