



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: 05th August 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 04.08.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 04-अगस्त- 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 04th August 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

5-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50194	41927	37892	18674	2567	151254
Peak Shortage (MW)	1652	118	166	310	145	2392
Energy Met (MU)	1133	969	924	382	49	3457
Hydro Gen(MU)	376	18	60	107	25	586
Wind Gen(MU)	45	128	178	-----	-----	351
Solar Gen (MU)*	2.50	11.20	22.40	0.89	0.02	37
Energy Shortage (MU)	31.7	0.1	0.0	0.9	1.5	34.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50752	41840	39595	19264	2636	152639

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	0.044	0.12	1.10	9.21	10.43	77.78	11.79

C. Power Supply Position in States

RegionRegion	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	9127	0	202.2	130.4	0.7	214	0.0
	Haryana	7741	635	162.9	117.0	1.3	392	22.2
	Rajasthan	8921	0	184.4	66.7	0.3	354	0.0
	Delhi	5389	0	109.0	87.1	-1.8	129	0.2
	UP	16852	290	367.8	166.9	-0.3	181	0.0
	Uttarakhand	1774	0	36.2	10.3	-0.2	106	0.0
	HP	1221	22	25.7	-1.8	1.7	136	0.1
	J&K	1957	489	39.1	14.3	-1.2	170	9.3
Chandigarh	305	0	6.2	6.1	0.1	26	0.0	
WR	Chhattisgarh	3975	0	93.2	43.1	0.1	98	0.1
	Gujarat	12225	0	259.1	50.4	1.1	332	0.0
	MP	7587	0	161.9	96.5	0.2	482	0.0
	Maharashtra	18864	0	416.5	112.9	2.8	405	0.0
	Goa	423	0	8.1	8.8	-0.7	14	0.0
	DD	320	0	7.2	6.3	1.0	77	0.0
	DNH	728	0	16.9	16.8	0.1	19	0.0
	Essar steel	320	0	5.6	4.8	0.8	193	0.0
SR	Andhra Pradesh	7448	0	165	40	4.6	550	0.0
	Telangana	9370	0	194	116	-0.9	671	0.0
	Karnataka	8723	0	193	67	2.9	533	0.0
	Kerala	3321	0	65	49	1.3	214	0.0
	Tamil Nadu	13516	0	300	97	2.0	708	0.0
	Pondy	325	0	7	7	0.0	53	0.0
ER	Bihar	4162	0	75.5	71.2	-0.5	345	0.3
	DVC	2815	0	54.7	-22.9	1.2	402	0.6
	Jharkhand	1141	0	23.0	15.4	0.1	128	0.0
	Odisha	3871	0	77.9	23.1	-0.8	298	0.0
	West Bengal	8067	0	149.3	54.4	1.3	425	0.0
	Sikkim	96	0	1.4	1.1	0.3	20	0.0
NER	Arunachal Pradesh	112	5	2.0	2.6	-0.6	6	0.0
	Assam	1648	103	31.5	24.0	2.8	185	1.3
	Manipur	139	4	2.1	2.2	0.0	30	0.1
	Meghalaya	280	0	5.6	0.0	0.0	36	0.0
	Mizoram	65	3	1.3	1.2	0.1	11	0.1
	Nagaland	112	3	2.0	2.0	-0.2	15	0.1
	Tripura	237	1	4.4	3.9	0.1	86	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.9	-4.5	-14.6
Day peak (MW)	1515.3	-253.2	-648.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.8	-208.0	110.6	-81.8	2.8	-2.6
Actual(MU)	164.9	-206.9	115.4	-78.2	3.8	-1.0
O/D/U/D(MU)	-9.0	1.1	4.8	3.6	1.0	1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3129	13821	5010	1070	368	23399
State Sector	10300	21872	13162	5585	110	51029
Total	13429	35693	18172	6655	478	74428

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	5-Aug-17
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	195	0.0	4.7	-4.7	
2		SASARAM-FATEHPUR	S/C	0	0	2.0	0.0	2.0	
3		GAYA-BALIA	S/C	0	288	0.0	4.2	-4.2	
4	HVDC	ALIPURDUAR-AGRA	-	0	171	0.0	1.6	-1.6	
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	170	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	47	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	589	0.0	9.4	-9.4	
9		PATNA-BALIA	Q/C	0	824	0.0	13.6	-13.6	
10		BIHARSHARIFF-BALIA	D/C	0	197	0.0	3.5	-3.5	
11		BARH-GORAKHPUR	D/C	0	264	0.0	4.6	-4.6	
12		BIHARSHARIFF-VARANASI	D/C	0	1	0.8	0.0	0.8	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	238	0.0	4.6	-4.6	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8	
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	3.6	51.0	-47.4
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.3	0.0	12.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	169	7.8	0.0	7.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	8	2.2	0.0	2.2	
21		JHARSUGUDA-RAIGARH	S/C	0	2	1.7	0.0	1.7	
22		IBEUL-RAIGARH	S/C	0	0	1.6	0.0	1.6	
23		STERLITE-RAIGARH	D/C	0	22	1.4	0.0	1.4	
24		RANCHI-SIPAT	D/C	0	0	5.0	0.0	5.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	111	0.0	1.3	-1.3	
26		BUDHIPADAR-KORBA	D/C	0	0	2.5	0.0	2.5	
						ER-WR	34.5	1.3	33.2
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	16.3	-16.3	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.1	0.0	15.8	-15.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2505.4	0.0	46.4	-46.4	
30	400 KV	TALCHER-I/C	D/C	0.0	1046.9	0.0	15.1	-15.1	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	78.6	-78.6
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1171	0.0	4.9	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	980	0.0	6.3	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2	
						ER-NER	0.0	13.3	-13.3
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	12.0	-12.0	
						NER-NR	0.0	12.0	-12.0
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	28.5	-28.5	
37		V'CHAL B/B	D/C	400	50	6.0	0.4	5.6	
38		APL -MHG	D/C	0	0	0.0	0.0	0.0	
39	765 KV	GWALIOR-AGRA	D/C	0	2680	0.0	48.7	-48.7	
40		PHAGI-GWALIOR	D/C	0	1370	0.0	23.8	-23.8	
41	400 KV	ZERDA-KANKROLI	S/C	135	221	0.0	1.6	-1.6	
42		ZERDA -BHINMAL	S/C	62	237	0.0	2.7	-2.7	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	237	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	14	78	0.0	0.7	-0.7	
46		BADOD-MORAK	S/C	0	120	0.0	1.6	-1.6	
47		MEHGAON-AURAIYA	S/C	62	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	27	17	0.1	0.2	-0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	6.7	109.0	-102.2
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.8	-23.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1675	0.0	23.8	-23.8	
53		WARDHA-NIZAMABAD	D/C	0	1497	0.0	27.4	-27.4	
54	400 KV	KOLHAPUR-KUDGI	D/C	374	207	3.7	0.4	3.3	
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	5.2	75.4	-70.2
TRANSNATIONAL EXCHANGE									
58		BHUTAN						35.9	
59		NEPAL						-4.5	
60		BANGLADESH						-14.6	