



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: 08th 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 07.08.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 06-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 07th August 2017, is available at the NLDC website.

धन्यवाद,



पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

8-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48680	37041	37752	18999	2523	144995
Peak Shortage (MW)	771	69	0	400	161	1401
Energy Met (MU)	1127	923	911	399	46	3407
Hydro Gen(MU)	348	27	71	110	23	580
Wind Gen(MU)	9	37	119	-----	-----	165
Solar Gen (MU)*	0.47	8.20	24.90	0.93	0.02	35
Energy Shortage (MU)	10.8	0.0	0.0	1.2	1.6	13.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51152	40226	39544	19396	2590	149759

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	0.72	6.97	7.69	82.91	9.41

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	10062	0	227.7	127.1	0.1	134	0.0
	Haryana	7889	0	158.6	107.6	-0.7	167	0.5
	Rajasthan	8701	0	186.4	79.6	1.7	470	0.7
	Delhi	5289	0	103.5	83.9	-0.2	363	0.1
	UP	16647	0	352.6	158.3	-0.9	266	0.0
	Uttarakhand	1530	150	32.2	13.1	-0.7	158	0.1
	HP	1120	0	23.2	-4.1	3.3	601	0.3
	J&K	1926	482	37.9	13.0	-1.0	294	9.0
Chandigarh	258	0	5.3	5.8	-0.5	20	0.0	
WR	Chhattisgarh	3468	0	83.7	20.3	1.8	153	0.0
	Gujarat	10705	0	230.0	56.9	-4.4	262	0.0
	MP	6749	0	148.0	81.8	-3.1	175	0.0
	Maharashtra	19324	0	424.7	131.3	3.3	451	0.0
	Goa	455	0	8.9	8.3	0.6	83	0.0
	DD	278	0	5.4	5.0	0.4	31	0.0
	DNH	706	0	15.7	15.8	-0.1	11	0.0
	Essar steel	345	0	7.1	7.1	0.0	165	0.0
SR	Andhra Pradesh	7272	0	163	49	1.5	404	0.0
	Telangana	9397	0	192	106	-3.4	363	0.0
	Karnataka	8805	0	192	65	3.5	495	0.0
	Kerala	3328	0	64	45	1.2	222	0.0
	Tamil Nadu	13956	0	294	104	6.2	472	0.0
	Pondy	338	0	7	7	-0.1	37	0.0
ER	Bihar	4220	50	82.2	74.4	3.8	490	0.3
	DVC	2780	200	60.5	-20.1	4.2	450	0.9
	Jharkhand	1219	0	24.1	16.5	0.4	90	0.0
	Odisha	3942	0	77.7	22.1	-3.3	60	0.0
	West Bengal	7933	0	153.3	54.7	2.9	260	0.0
	Sikkim	85	0	1.0	1.0	0.0	20	0.0
NER	Arunachal Pradesh	107	4	2.1	2.2	-0.1	14	0.0
	Assam	1580	134	29.7	22.4	2.0	207	1.4
	Manipur	141	5	2.2	2.0	0.2	34	0.0
	Meghalaya	273	0	5.0	-0.6	-0.4	38	0.0
	Mizoram	69	6	1.1	1.1	0.0	12	0.0
	Nagaland	109	4	2.0	1.8	0.0	19	0.0
	Tripura	249	3	3.8	3.4	-0.5	63	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.6	-5.8	-14.4
Day peak (MW)	1500.0	-343.4	-635.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	194.6	-231.7	104.4	-68.8	2.3	0.8
Actual(MU)	189.0	-230.7	110.7	-67.4	2.3	3.9
O/D/U/D(MU)	-5.6	1.0	6.3	1.4	0.0	3.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4629	15446	4760	800	393	26029
State Sector	8880	19616	12972	5485	110	47063
Total	13509	35062	17732	6285	503	73092

*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 : 8-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	189	0.0	3.4	-3.4
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	398	0.0	4.2	-4.2
4	HVDC	ALIPURDUAR-AGRA	-	0	84	0.0	1.5	-1.5
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	176	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	566	0.0	6.9	-6.9
9		PATNA-BALIA	Q/C	0	831	0.0	17.3	-17.3
10		BIHARSHARIFF-BALIA	D/C	0	264	0.0	4.7	-4.7
11		BARH-GORAKHPUR	D/C	0	210	0.0	0.0	0.0
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.7	0.0	0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	231	0.0	4.5	-4.5
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						4.2	47.3	-43.1
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.7	0.0	9.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	4	7.0	0.0	7.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.6	0.0	0.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3
23		STERLITE-RAIGARH	D/C	0	22	1.1	0.0	1.1
24		RANCHI-SIPAT	D/C	0	0	4.6	0.0	4.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	89	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	0	3.9	0.0	3.9
ER-WR						29.5	1.0	28.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.0	-13.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	455.5	0.0	13.3	-13.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2508.1	0.0	47.9	-47.9
30	400 KV	TALCHER-I/C	D/C	0.0	1168.1	0.0	16.8	-16.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	74.1	-74.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1052	0.0	5.4	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	837	0.0	6.9	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						0.0	14.4	-14.4
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	963	0.0	15.6	-15.6
NER-NR						0.0	15.6	-15.6
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	21.8	-21.8
37		V'CHAL B/B	D/C	0	300	0.0	2.8	-2.8
38		APL -MHG	D/C	0	1101	0.0	21.7	-21.7
39	765 KV	GWALIOR-AGRA	D/C	0	2892	0.0	46.4	-46.4
40		PHAGI-GWALIOR	D/C	0	1284	0.0	20.5	-20.5
41	400 KV	ZERDA-KANKROLI	S/C	60	198	0.0	1.5	-1.5
42		ZERDA -BHINMAL	S/C	38	212	0.0	1.7	-1.7
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	390	0	3	-3
45		BADOD-KOTA	S/C	4	45	0.0	0.6	-0.6
46	220 KV	BADOD-MORAK	S/C	0	64	0.0	1.2	-1.2
47		MEHGAON-AURAIYA	S/C	43	15	0.4	0.0	0.4
48		MALANPUR-AURAIYA	S/C	12	37	0.0	0.3	-0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						0.5	121.7	-121.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.2	-21.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1654	0.0	40.9	-40.9
53		WARDHA-NIZAMABAD	D/C	0	1431	0.0	25.0	-25.0
54	400 KV	KOLHAPUR-KUDGI	D/C	519	123	4.9	0.3	4.6
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						6.5	87.4	-81.0
TRANSNATIONAL EXCHANGE								
58		BHUTAN						35.6
59		NEPAL						-5.8
60		BANGLADESH						-14.4