



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: 21th August 2017

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 20.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20-अगस्त-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 20th 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

21-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51920	38886	33149	19175	2413	145543
Peak Shortage (MW)	981	39	0	235	157	1412
Energy Met (MU)	1186	922	729	391	45	3272
Hydro Gen(MU)	339	18	34	92	27	509
Wind Gen(MU)	9	73	155	-----	-----	237
Solar Gen (MU)*	3.43	9.12	18.30	1.21	0.01	32
Energy Shortage (MU)	10.5	0.0	0.0	0.7	1.5	12.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54377	38757	33120	19533	2537	145565

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	0.00	1.08	1.08	60.80	38.13

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	9618	0	209.9	121.9	0.6	184	0.0
	Haryana	8691	0	180.9	121.4	0.8	279	0.0
	Rajasthan	10575	0	216.1	83.3	4.0	377	1.0
	Delhi	5549	0	104.9	79.6	-0.4	189	0.0
	UP	17207	680	365.1	170.8	2.5	538	0.0
	Uttarakhand	1817	0	38.4	11.1	0.1	127	0.0
	HP	1140	0	25.8	1.0	3.1	348	0.0
	J&K	2022	505	39.7	14.6	-0.9	189	9.4
Chandigarh	253	0	4.9	5.3	-0.4	10	0.0	
WR	Chhattisgarh	3525	0	83.7	24.3	-0.4	75	0.0
	Gujarat	13143	0	289.2	70.3	-2.5	293	0.0
	MP	7656	0	167.0	94.4	-1.4	337	0.0
	Maharashtra	15137	0	344.0	65.3	-8.2	655	0.0
	Goa	407	0	7.3	8.0	-0.6	49	0.0
	DD	295	0	6.8	6.5	0.3	39	0.0
	DNH	724	0	16.7	16.9	-0.2	70	0.0
	Essar steel	418	0	7.4	7.0	0.4	160	0.0
SR	Andhra Pradesh	6310	0	139	24	2.9	471	0.0
	Telangana	6305	0	133	62	-4.3	452	0.0
	Karnataka	7068	0	145	40	-3.9	456	0.0
	Kerala	2972	0	59	42	1.6	184	0.0
	Tamil Nadu	10548	0	248	79	0.1	629	0.0
	Pondy	283	0	6	7	-0.6	33	0.0
ER	Bihar	4138	0	82.3	76.4	1.5	402	0.5
	DVC	2960	0	62.5	-23.1	2.2	435	0.3
	Jharkhand	1224	0	24.9	16.4	0.6	135	0.0
	Odisha	4409	0	80.4	26.6	3.6	389	0.0
	West Bengal	7440	0	139.1	46.3	2.8	365	0.0
	Sikkim	76	0	1.6	1.6	-0.1	20	0.0
NER	Arunachal Pradesh	112	2	2.1	2.6	-0.4	12	0.0
	Assam	1553	92	29.0	22.0	1.8	200	1.2
	Manipur	137	1	2.2	2.3	-0.1	38	0.0
	Meghalaya	268	0	4.8	-0.9	-0.5	22	0.0
	Mizoram	67	1	1.2	1.1	0.0	7	0.0
	Nagaland	110	2	2.0	1.9	-0.2	30	0.0
	Tripura	224	2	3.8	2.8	-0.1	77	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.5	-5.8	-15.2
Day peak (MW)	1535.8	-317.6	-662.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	221.5	-208.4	45.4	-65.1	7.6	1.0
Actual(MU)	229.3	-221.4	36.9	-47.6	7.1	4.3
O/D/U/D(MU)	7.8	-13.0	-8.5	17.5	-0.5	3.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	14172	4970	1070	1094	25118
State Sector	7945	15298	11722	5585	110	40660
Total	11757	29470	16692	6655	1204	65778

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 21-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	268	0.0	7.7	-7.7
2		SASARAM-FATEHPUR	S/C	0	73	1.2	0.0	1.2
3		GAYA-BALIA	S/C	0	396	0.0	6.3	-6.3
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	166	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	65	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	614	0.0	10.6	-10.6
9		PATNA-BALIA	Q/C	0	1120	0.0	21.9	-21.9
10		BIHARSHARIFF-BALIA	D/C	0	234	0.0	5.7	-5.7
11		BARH-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.0	-1.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	140	0.0	1.7	-1.7
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	0.0	0.3
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						5.0	59.7	-54.7
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.3	0.0	7.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	68	11.3	0.0	11.3
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	23	2.4	0.0	2.4
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9
23		STERLITE-RAIGARH	D/C	0	104	0.0	0.3	-0.3
24		RANCHI-SIPAT	D/C	0	0	8.4	0.0	8.4
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	86	0.0	0.8	-0.8
26		BUDHIPADAR-KORBA	D/C	0	0	3.2	0.0	3.2
ER-WR						36.4	1.0	35.4
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.2	-9.2
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	263.2	0.0	9.0	-9.0
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2011.7	0.0	17.2	-17.2
30	400 KV	TALCHER-I/C	D/C	0.0	1248.0	0.0	17.6	-17.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	35.4	-35.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1121	0.0	6.3	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	890	0.0	7.1	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						0.0	15.5	-15.5
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	10.4	-10.4
NER-NR						0.0	10.4	-10.4
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	33.8	-33.8
37		V'CHAL B/B	D/C	450	200	3.3	0.5	2.8
38		APL -MHG	D/C	0	2518	0.0	49.2	-49.2
39	765 KV	GWALIOR-AGRA	D/C	0	2650	0.0	52.1	-52.1
40		PHAGI-GWALIOR	D/C	0	1408	0.0	25.6	-25.6
41	400 KV	ZERDA-KANKROLI	S/C	209	105	0.4	0.0	0.4
42		ZERDA -BHINMAL	S/C	114	285	0.0	1.8	-1.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	466	0	4	-4
45		BADOD-KOTA	S/C	32	68	0.1	0.6	-0.4
46	220 KV	BADOD-MORAK	S/C	0	105	0.0	1.3	-1.3
47		MEHGAON-AURAIYA	S/C	54	0	0.7	0.0	0.7
48		MALANPUR-AURAIYA	S/C	36	22	0.1	0.2	-0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						4.5	169.3	-164.8
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	14.1	-14.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	381	1229	381.0	9.4	371.6
53		WARDHA-NIZAMABAD	D/C	0	747	0.0	11.3	-11.3
54	400 KV	KOLHAPUR-KUDGI	D/C	667	0	7.8	0.0	7.8
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						390.4	34.8	355.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.5
59		NEPAL						-5.8
60		BANGLADESH						-15.2