



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: 24th 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 23.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-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 23 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

24-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52398	42107	36203	19716	2449	152872
Peak Shortage (MW)	1418	389	0	0	191	1998
Energy Met (MU)	1201	947	849	399	48	3443
Hydro Gen(MU)	346	24	53	110	25	558
Wind Gen(MU)	7	46	101	-----	-----	154
Solar Gen (MU)*	2.84	11.34	31.10	1.08	0.02	46
Energy Shortage (MU)	9.7	0.9	0.0	0.0	1.9	12.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53401	42054	37235	19848	2662	154239

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	0.032	0.00	0.51	6.16	6.67	83.44	9.90

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	10014	0	216.4	122.8	-0.4	148	0.0
	Haryana	8468	0	175.2	111.7	1.4	307	0.0
	Rajasthan	10149	0	219.9	85.1	1.6	616	0.0
	Delhi	5391	0	112.3	87.5	-0.8	167	0.0
	UP	16832	750	365.1	176.7	0.6	737	0.0
	Uttarakhand	1820	0	38.3	10.2	-0.1	83	0.0
	HP	1315	0	28.1	-0.4	2.8	229	0.0
	J&K	2032	508	40.8	14.6	0.1	197	9.7
Chandigarh	256	0	5.2	5.7	-0.5	28	0.0	
WR	Chhattisgarh	3707	0	90.3	29.3	-0.2	169	0.9
	Gujarat	11502	0	258.0	60.8	-0.6	577	0.0
	MP	7713	0	173.8	96.0	-1.0	447	0.0
	Maharashtra	18060	0	390.7	108.2	1.2	446	0.0
	Goa	404	0	9.0	8.9	-0.2	51	0.0
	DD	324	0	6.5	6.5	0.0	70	0.0
	DNH	750	0	17.2	16.3	0.8	69	0.0
Essar steel	87	0	1.3	0.9	0.4	120	0.0	
SR	Andhra Pradesh	6680	0	151	30	1.8	453	0.0
	Telangana	8221	0	172	85	-2.2	288	0.0
	Karnataka	7955	0	171	66	3.3	406	0.0
	Kerala	3437	0	66	44	1.7	357	0.0
	Tamil Nadu	13022	0	283	108	8.1	576	0.0
	Pondy	360	0	7	7	0.0	48	0.0
ER	Bihar	4331	0	81.1	77.1	0.7	180	0.0
	DVC	2773	0	62.4	-21.7	1.4	383	0.0
	Jharkhand	1196	0	24.4	16.8	-0.1	200	0.0
	Odisha	4340	0	85.6	23.4	2.4	350	0.0
	West Bengal	8004	0	144.0	53.6	-1.7	350	0.0
	Sikkim	88	0	1.0	1.2	-0.2	12	0.0
NER	Arunachal Pradesh	109	2	2.0	1.9	0.1	20	0.0
	Assam	1550	180	33.1	21.7	6.4	356	1.7
	Manipur	132	3	2.1	1.9	0.2	96	0.0
	Meghalaya	276	0	4.5	-1.7	-0.4	45	0.0
	Mizoram	70	1	1.2	1.0	0.2	25	0.0
	Nagaland	112	3	1.6	1.6	-0.2	41	0.0
	Tripura	262	1	3.1	2.9	0.3	142	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.5	-6.1	-15.2
Day peak (MW)	1541.6	-373.6	-644.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	217.1	-206.6	58.0	-77.0	9.6	1.2
Actual(MU)	213.2	-222.8	63.8	-73.1	15.7	-3.2
O/D/U/D(MU)	-3.9	-16.2	5.8	3.9	6.1	-4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	14607	5560	1730	847	26556
State Sector	8095	18365	11452	5705	110	43727
Total	11907	32972	17012	7435	957	70283

*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 : 24-Aug-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	219	0.0	7.6	-7.6
2		SASARAM-FATEHPUR	S/C	0	37	0.5	0.0	0.5
3		GAYA-BALIA	S/C	0	343	0.0	6.4	-6.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.6	-4.6
6	400 KV	PUSAULI-VARANASI	S/C	0	292	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	50	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	706	0.0	11.9	-11.9
9		PATNA-BALIA	Q/C	0	972	0.0	18.9	-18.9
10		BIHARSHARIFF-BALIA	D/C	0	266	0.0	5.4	-5.4
11		BARH-GORAKHPUR	D/C	0	0	0.0	3.6	-3.6
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.9	-0.9
13	220 KV	PUSAULI-SAHUPURI	S/C	0	126	0.0	2.4	-2.4
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						0.8	61.7	-60.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	6.5	0.0	6.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.2	0.0	8.2
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	2	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.4	0.0	1.4
22		IBEUL-RAIGARH	S/C	0	0	1.4	0.0	1.4
23		STERLITE-RAIGARH	D/C	0	117	0.0	1.1	-1.1
24		RANCHI-SIPAT	D/C	0	0	6.6	0.0	6.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	83	0.0	0.7	-0.7
26		BUDHIPADAR-KORBA	D/C	0	0	3.9	0.0	3.9
ER-WR						29.4	1.9	27.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.0	-14.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	312.3	0.0	13.7	-13.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1520.7	0.0	24.0	-24.0
30	400 KV	TALCHER-I/C	D/C	0.0	1250.3	0.0	21.7	-21.7
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	51.7	-51.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1107	0.0	8.0	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	883	0.0	8.8	-9
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3
ER-NER						0.0	19.4	-19.4
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	304	0.0	5.9	-5.9
NER-NR						0.0	5.9	-5.9
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	31.4	-31.4
37		V'CHAL B/B	D/C	500	0	8.7	0.0	8.7
38		APL -MHG	D/C	0	2016	0.0	53.8	-53.8
39	765 KV	GWALIOR-AGRA	D/C	0	2608	0.0	48.8	-48.8
40		PHAGI-GWALIOR	D/C	0	1092	0.0	20.9	-20.9
41	400 KV	ZERDA-KANKROLI	S/C	160	147	0.7	0.0	0.7
42		ZERDA -BHINMAL	S/C	109	199	0.0	2.0	-2.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	396	0	3	-3
45	220 KV	BADOD-KOTA	S/C	47	44	0.2	0.3	-0.1
46		BADOD-MORAK	S/C	0	85	0.0	1.8	-1.8
47		MEHGAON-AURAIYA	S/C	52	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	9	7	0.1	0.0	0.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						10.5	162.5	-152.0
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	10.6	-10.6
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1793	0.0	25.3	-25.3
53		WARDHA-NIZAMABAD	D/C	0	879	0.0	15.9	-15.9
54	400 KV	KOLHAPUR-KUDGI	D/C	446	0	6.1	0.0	6.1
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						7.6	51.8	-44.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.5
59		NEPAL						-6.1
60		BANGLADESH						-15.2