



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: 22nd 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, लापालंग, 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 21.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-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 21st 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

22-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53026	40496	37231	19853	2453	153059
Peak Shortage (MW)	2899	143	0	0	173	3215
Energy Met (MU)	1211	912	794	406	46	3369
Hydro Gen(MU)	309	26	45	107	26	513
Wind Gen(MU)	6	57	141	-----	-----	204
Solar Gen (MU)*	2.79	11.21	26.90	1.10	0.02	42
Energy Shortage (MU)	25.5	0.0	0.0	0.0	1.5	27.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53943	40220	37857	20156	2531	153939

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	0.039	0.00	0.58	8.38	8.96	76.79	14.25

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	9487	0	207.5	118.6	1.2	257	0.0
	Haryana	8746	294	186.2	122.3	2.7	394	2.0
	Rajasthan	9887	263	223.5	80.6	4.9	409	3.4
	Delhi	5802	0	116.6	89.8	1.1	361	0.8
	UP	16697	530	364.6	164.1	3.4	756	9.6
	Uttarakhand	1893	0	39.7	11.9	2.8	311	0.0
	HP	1316	0	27.1	-0.8	2.6	598	0.0
	J&K	2068	517	40.7	14.2	0.5	213	9.7
WR	Chhattisgarh	248	0	5.2	5.3	-0.1	42	0.0
	Chhattisgarh	3762	0	86.2	27.1	-0.7	205	0.0
	Gujarat	12374	0	265.6	55.7	-2.6	509	0.0
	MP	7833	0	172.0	93.7	1.4	750	0.0
	Maharashtra	16255	0	354.0	93.0	0.0	816	0.0
	Goa	430	0	9.0	8.8	0.2	43	0.0
	DD	316	0	6.9	6.6	0.4	47	0.0
	DNH	743	0	16.7	17.0	-0.3	58	0.0
SR	Essar steel	122	0	1.5	0.9	0.6	220	0.0
	Andhra Pradesh	6580	0	147	32	-0.7	730	0.0
	Telangana	7120	0	151	68	-0.8	426	0.0
	Karnataka	7912	0	161	59	5.0	552	0.0
	Kerala	3300	0	63	45	1.7	241	0.0
	Tamil Nadu	12638	0	265	81	0.2	558	0.0
	Pondy	342	0	7	7	0.0	57	0.0
	ER	Bihar	4296	0	80.5	76.3	-0.3	116
DVC		2689	0	62.3	-25.5	0.9	204	0.0
Jharkhand		1243	0	24.8	15.9	1.0	201	0.0
Odisha		4407	0	85.0	26.0	2.1	498	0.0
West Bengal		8070	0	152.7	51.7	0.8	227	0.0
Sikkim		87	0	1.1	1.3	-0.2	6	0.0
NER	Arunachal Pradesh	114	1	2.1	2.1	0.0	70	0.1
	Assam	1542	129	29.1	21.8	2.8	234	1.3
	Manipur	135	4	2.1	2.1	0.0	28	0.0
	Meghalaya	266	0	4.7	-1.7	-0.7	44	0.0
	Mizoram	68	1	1.1	0.9	0.2	23	0.0
	Nagaland	107	4	1.9	1.7	0.0	33	0.1
	Tripura	254	1	4.8	2.8	0.9	158	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.1	-5.0	-14.8
Day peak (MW)	1534.8	-311.1	-648.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	242.0	-217.9	48.0	-80.4	9.2	1.0
Actual(MU)	247.5	-234.8	47.5	-74.6	11.4	-3.0
O/D/U/D(MU)	5.5	-16.9	-0.5	5.8	2.2	-4.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3812	14772	4970	1730	1031	26315
State Sector	9405	17732	12032	4785	110	44064
Total	13217	32504	17002	6515	1140	70379

*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 : 22-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	275	0.0	8.8	-8.8
2		SASARAM-FATEHPUR	S/C	0	75	1.2	0.0	1.2
3		GAYA-BALIA	S/C	0	410	0.0	8.2	-8.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	180	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	48	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	690	0.0	11.7	-11.7
9		PATNA-BALIA	Q/C	0	1023	0.0	20.6	-20.6
10		BIHARSHARIFF-BALIA	D/C	0	351	0.0	6.9	-6.9
11		BARH-GORAKHPUR	D/C	0	0	3.6	0.0	3.6
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.9	-0.9	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	150	0.0	2.8	-2.8
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.3	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						5.2	64.8	-59.6
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	27	5.8	0.0	5.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	5	9.6	0.0	9.6
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	8	0.0	1.7	-1.7
21		JHARSUGUDA-RAIGARH	S/C	0	9	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	129	0.0	1.0	-1.0
24		RANCHI-SIPAT	D/C	0	0	4.6	0.0	4.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	69	0.0	0.4	-0.4
26		BUDHIPADAR-KORBA	D/C	0	0	4.4	0.0	4.4
ER-WR						26.9	3.1	23.7
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.8	-10.8
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	474.6	0.0	10.4	-10.4
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2014.4	0.0	24.4	-24.4
30	400 KV	TALCHER-I/C	D/C	0.0	1433.7	0.0	25.0	-25.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	45.5	-45.5
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1273	0.0	9.5	-10
33		ALIPURDUAR-BONGAIGAON	D/C	0	970	0.0	10.5	-11
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.8	-3
ER-NER						0.0	22.8	-22.8
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	702	0.0	13.2	-13.2
NER-NR						0.0	13.2	-13.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.1	-35.1
37		VCHAL B/B	D/C	200	400	1.1	3.9	-2.7
38		APL -MHG	D/C	0	2518	0.0	52.4	-52.4
39	765 KV	GWALIOR-AGRA	D/C	0	2682	0.0	53.2	-53.2
40		PHAGI-GWALIOR	D/C	0	1322	0.0	26.0	-26.0
41	400 KV	ZERDA-KANKROLI	S/C	107	139	0.0	0.5	-0.5
42		ZERDA -BHINMAL	S/C	103	229	0.0	2.3	-2.3
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44	220 KV	RAPP-SHUJALPUR	D/C	0	429	0	4	-4
45		BADOD-KOTA	S/C	33	46	0.2	0.4	-0.2
46		BADOD-MORAK	S/C	0	84	0.0	1.1	-1.1
47		MEHGAON-AURAIYA	S/C	50	0	0.7	0.0	0.7
48		MALANPUR-AURAIYA	S/C	16	22	0.0	0.0	0.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						2.0	178.5	-176.6
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	9.3	-9.3
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1191	0.0	15.4	-15.4
53		WARDHA-NIZAMABAD	D/C	0	1051	0.0	15.5	-15.5
54	400 KV	KOLHAPUR-KUDGI	D/C	503	0	5.4	0.0	5.4
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						6.9	40.2	-33.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						37.1
59		NEPAL						-5.0
60		BANGLADESH						-14.8