



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: 27th 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 26.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-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 26th August 2017, is available at the NLDC website.

धन्यवाद,

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

Report for previous day

Date of Reporting

27-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51175	41644	35705	20034	2398	150956
Peak Shortage (MW)	1007	93	0	419	265	1783
Energy Met (MU)	1116	938	781	408	47	3290
Hydro Gen(MU)	325	24	33	106	25	513
Wind Gen(MU)	9	58	150	-----	-----	216
Solar Gen (MU)*	2.69	11.93	22.30	1.12	0.01	38
Energy Shortage (MU)	9.5	0.4	0.0	1.3	1.9	13.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51674	42353	36903	20156	2507	152383

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	0.030	0.00	0.12	5.16	5.28	85.21	9.51

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	9124	0	191.1	111.5	0.2	166	0.0
	Haryana	7965	248	161.1	106.7	3.8	281	0.1
	Rajasthan	8755	0	192.2	68.1	2.3	324	0.0
	Delhi	4940	0	103.4	80.9	-2.0	39	0.0
	UP	16782	340	361.6	184.4	-0.8	366	0.0
	Uttarakhand	1828	0	36.9	11.8	-1.0	88	0.0
	HP	1252	0	25.5	0.1	0.4	115	0.0
	J&K	2022	506	39.4	13.5	-0.2	189	9.3
WR	Chandigarh	249	0	4.8	5.4	-0.5	12	0.0
	Chhattisgarh	3669	0	86.5	24.7	-0.3	252	0.4
	Gujarat	13145	0	285.7	68.7	0.2	369	0.0
	MP	7474	0	163.0	96.5	0.2	334	0.0
	Maharashtra	16836	0	370.7	109.0	1.5	404	0.0
	Goa	302	0	6.7	7.1	-0.4	1	0.0
	DD	311	0	6.8	6.1	0.8	73	0.0
	DNH	737	0	16.8	16.1	0.7	57	0.0
SR	Essar steel	99	0	1.5	0.9	0.5	162	0.0
	Andhra Pradesh	6549	0	138	16	-0.9	544	0.0
	Telangana	7035	0	144	74	-1.2	369	0.0
	Karnataka	7366	0	151	50	3.4	460	0.0
	Kerala	3358	0	67	50	1.9	285	0.0
	Tamil Nadu	13363	0	276	100	0.2	402	0.0
ER	Pondy	337	0	7	7	-0.4	33	0.0
	Bihar	4425	0	81.2	76.6	0.6	225	0.3
	DVC	2914	0	63.9	-20.7	1.8	300	0.2
	Jharkhand	1185	0	24.3	19.4	0.4	90	0.0
	Odisha	4172	0	84.3	25.9	0.4	225	0.8
	West Bengal	8225	0	153.1	58.1	1.9	250	0.0
NER	Sikkim	72	0	0.8	1.2	-0.3	12	0.0
	Arunachal Pradesh	114	2	2.0	2.0	-0.1	44	0.0
	Assam	1598	108	31.1	22.8	3.4	231	1.7
	Manipur	146	2	1.8	2.2	-0.4	11	0.0
	Meghalaya	276	0	4.9	-1.8	0.2	62	0.0
	Mizoram	73	2	1.3	1.3	0.0	12	0.0
	Nagaland	95	5	2.2	1.6	0.4	24	0.1
Tripura	234	8	4.1	3.0	0.2	134	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.7	-5.5	-14.9
Day peak (MW)	1548.2	-270.6	-652.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.5	-211.0	70.6	-67.1	8.8	-0.1
Actual(MU)	190.9	-207.1	56.8	-56.9	11.8	-4.5
O/D/U/D(MU)	-7.6	3.8	-13.8	10.2	3.0	-4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3312	16339	5600	1810	1122	28183
State Sector	8905	19373	12062	5705	110	46155
Total	12217	35712	17662	7515	1232	74338

*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 आ० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 27-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	270	0.0	6.8	-6.8
2		SASARAM-FATEHPUR	S/C	0	106	0.9	0.0	0.9
3		GAYA-BALIA	S/C	0	328	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	198	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	200	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	36	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	771	0.0	12.8	-12.8
9		PATNA-BALIA	Q/C	0	1046	0.0	18.1	-18.1
10		BIHARSHARIFF-BALIA	D/C	0	383	0.0	4.6	-4.6
11		BARH-GORAKHPUR	D/C	0	0	3.4	0.0	3.4
12		BIHARSHARIFF-VARANASI	D/C	0	1	0.0	0.3	-0.3
13	220 KV	PUSAULI-SAHUPURI	S/C	0	134	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						4.6	56.5	-51.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.0	0.0	12.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	12.0	0.0	12.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.5	0.0	2.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.8	0.0	1.8
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7
23		STERLITE-RAIGARH	D/C	0	0	3.7	0.0	3.7
24		RANCHI-SIPAT	D/C	0	0	6.8	0.0	6.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	104	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5
ER-WR						43.9	1.1	42.7
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.0	-15.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	19.9	-19.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2508.1	0.0	30.0	-30.0
30	400 KV	TALCHER-I/C	D/C	0.0	1473.1	0.0	19.6	-19.6
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	65.0	-65.0
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1454	0.0	7.9	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	1105	0.0	7.9	-8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						0.0	18.0	-18.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	503	0.0	7.9	-7.9
NER-NR						0.0	7.9	-7.9
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	16.4	-16.4
37		V'CHAL B/B	D/C	500	0	6.5	0.0	6.5
38		APL -MHG	D/C	0	2318	0.0	49.2	-49.2
39	765 KV	GWALIOR-AGRA	D/C	0	2652	0.0	51.9	-51.9
40		PHAGI-GWALIOR	D/C	0	1222	0.0	22.3	-22.3
41	400 KV	ZERDA-KANKROLI	S/C	186	0	2.7	0.0	2.7
42		ZERDA -BHINMAL	S/C	125	68	1.0	0.0	1.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	268	0	2	-2
45	220 KV	BADOD-KOTA	S/C	65	16	0.6	0.0	0.6
46		BADOD-MORAK	S/C	18	59	0.0	0.4	-0.4
47		MEHGAON-AURAIYA	S/C	36	10	0.5	0.0	0.4
48		MALANPUR-AURAIYA	S/C	4	30	0.0	0.3	-0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						11.4	142.9	-131.5
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	10.1	-10.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1053	0.0	11.9	-11.9
53		WARDHA-NIZAMABAD	D/C	0	1059	0.0	17.8	-17.8
54	400 KV	KOLHAPUR-KUDGI	D/C	630	0	6.3	0.0	6.3
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						7.8	39.9	-32.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						34.7
59		NEPAL						-5.5
60		BANGLADESH						-14.9