



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: 18th 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., डोंगतेह, 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 17.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-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 17th 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

18-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	55452	45148	37710	19531	2427	160269
Peak Shortage (MW)	2360	414	30	17	275	3096
Energy Met (MU)	1288	1047	852	384	48	3618
Hydro Gen(MU)	371	19	44	83	29	544
Wind Gen(MU)	34	87	122	-----	-----	243
Solar Gen (MU)*	3.49	13.12	21.40	1.05	0.02	39
Energy Shortage (MU)	12.1	0.0	0.0	0.1	1.7	13.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	57502	46173	38360	19945	2686	160812

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	0.054	0.03	1.41	12.97	14.42	74.69	10.89

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	10730	0	249.9	130.5	0.0	140	0.0
	Haryana	9294	300	202.0	126.9	1.0	222	0.5
	Rajasthan	9987	0	221.3	82.0	1.3	399	1.4
	Delhi	5993	16	121.5	95.9	-1.2	207	0.0
	UP	17719	2555	375.8	181.6	3.9	901	0.0
	Uttarakhand	1836	155	41.3	14.0	1.0	105	0.5
	HP	1340	0	28.5	-0.1	3.0	303	0.1
	J&K	2025	506	40.8	14.7	0.4	125	9.7
WR	Chhattisgarh	330	0	6.5	6.9	-0.4	14	0.0
	Chhattisgarh	3683	0	82.1	26.4	1.0	268	0.0
	Gujarat	13724	0	303.1	58.5	0.5	402	0.0
	MP	8273	0	183.2	104.1	3.3	752	0.0
	Maharashtra	20221	0	442.5	117.0	-0.3	485	0.0
	Goa	409	0	8.7	8.8	-0.1	41	0.0
	DD	326	0	7.4	6.2	1.2	35	0.0
	DNH	741	0	17.0	16.7	0.3	25	0.0
SR	Essar steel	230	0	3.2	1.2	2.0	145	0.0
	Andhra Pradesh	6688	0	154	37	1.8	598	0.0
	Telangana	8358	0	177	90	-3.4	853	0.0
	Karnataka	8274	0	175	83	1.8	531	0.0
	Kerala	3450	0	67	47	2.3	297	0.0
	Tamil Nadu	12531	0	273	84	-0.3	831	0.0
	Pondy	338	0	7	7	-0.3	32	0.0
	ER	Bihar	3979	0	72.1	67.6	1.2	250
DVC		2781	0	63.2	-27.7	-0.3	200	0.0
Jharkhand		1238	0	22.4	15.8	-1.1	85	0.0
Odisha		4107	0	79.6	26.1	-1.6	225	0.0
West Bengal		8191	0	145.3	50.4	3.2	250	0.1
Sikkim		97	0	1.1	2.0	-0.9	10	0.0
NER	Arunachal Pradesh	125	2	2.1	3.1	-1.0	6	0.1
	Assam	1568	165	30.8	22.4	3.5	212	1.5
	Manipur	139	2	2.2	2.2	0.0	31	0.0
	Meghalaya	264	0	4.5	-1.7	-0.3	27	0.0
	Mizoram	73	0	1.2	1.2	-0.1	9	0.0
	Nagaland	115	0	2.3	2.0	0.2	26	0.0
	Tripura	246	2	4.4	2.8	0.9	44	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.1	-4.3	-14.7
Day peak (MW)	1538.9	-258.7	-646.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	216.7	-206.6	69.4	-71.9	-6.2	1.5
Actual(MU)	221.0	-216.7	63.4	-63.0	-4.8	-0.1
O/D/U/D(MU)	4.2	-10.1	-6.0	8.9	1.4	-1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3942	16067	4510	1070	118	25708
State Sector	7465	16835	10544	6085	110	41039
Total	11407	32902	15054	7155	228	66747

*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(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	18-Aug-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	Import-(+ve) /Export =(-ve) for NET (MU)	
								NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	277	0.0	7.5	-7.5	
2		SASARAM-FATEHPUR	S/C	0	128	0.5	0.0	0.5	
3		GAYA-BALIA	S/C	0	430	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	4.8	-4.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	175	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	60	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	751	0.0	13.4	-13.4	
9		PATNA-BALIA	Q/C	0	1021	0.0	21.0	-21.0	
10		BIHARSHARIFF-BALIA	D/C	0	331	0.0	6.5	-6.5	
11		BARH-GORAKHPUR	D/C	0	0	0.0	3.2	-3.2	
12	BIHARSHARIFF-VARANASI	D/C	0	110	0.0	0.9	-0.9		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	136	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						0.9	66.2	-65.4	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	6.2	0.0	6.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	54	6.8	0.0	6.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	14	1.5	0.0	1.5	
21		JHARSUGUDA-RAIGARH	S/C	0	12	1.1	0.0	1.1	
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1	
23		STERLITE-RAIGARH	D/C	0	131	0.0	0.3	-0.3	
24		RANCHI-SIPAT	D/C	0	0	3.7	0.0	3.7	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	91	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7	
ER-WR						24.0	0.8	23.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.5	-10.5	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	290.5	0.0	13.1	-13.1	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1808.5	0.0	27.8	-27.8	
30	400 KV	TALCHER-I/C	D/C	0.0	1214.5	0.0	12.8	-12.8	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	51.4	-51.4	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1124	0.0	4.9	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	879	0.0	6.0	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
ER-NER						0.0	10.9	-10.9	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1150	0.0	19.3	-19.3	
NER-NR						0.0	19.3	-19.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	27.0	-27.0	
37		VCHAL B/B	D/C	400	0	7.4	0.0	7.4	
38		APL -MHG	D/C	0	2517	0.0	49.9	-49.9	
39	765 KV	GWALIOR-AGRA	D/C	0	2944	0.0	50.9	-50.9	
40		PHAGI-GWALIOR	D/C	0	1122	0.0	20.7	-20.7	
41	400 KV	ZERDA-KANKROLI	S/C	133	149	0.0	0.5	-0.5	
42		ZERDA -BHINMAL	S/C	163	171	0.2	0.0	0.2	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	382	0	3	-3	
45		BADOD-KOTA	S/C	20	45	0.0	0.5	-0.5	
46		BADOD-MORAK	S/C	0	95	0.0	1.5	-1.5	
47		MEHGAON-AURAIYA	S/C	40	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	9	19	0.1	0.1	0.0	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						8.4	153.6	-145.2	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	13.0	-13.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	0	1402	0.0	16.6	-16.6	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1146	0.0	20.9	-20.9	
54		KOLHAPUR-KUDGI	D/C	464	48	3.1	0.3	2.9	
55	400 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						4.7	50.8	-46.1	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						37.1	
59		NEPAL						-4.3	
60		BANGLADESH						-14.7	