



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: 14th August 2017

To,

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

Sub: Daily PSP Report for the date 13.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 13-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 13th 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

14-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52331	41459	34315	17548	2279	147932
Peak Shortage (MW)	1170	42	41	0	189	1442
Energy Met (MU)	1175	977	792	360	42	3346
Hydro Gen(MU)	370	19	49	90	29	558
Wind Gen(MU)	43	128	50	-----	-----	221
Solar Gen (MU)*	2.50	9.85	20.00	0.12	0.00	32
Energy Shortage (MU)	10.7	0.0	0.0	0.0	1.7	12.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52784	41846	34774	17799	2452	148193

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	0.027	0.00	0.00	3.94	3.94	84.62	11.45

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	10450	0	238.1	133.7	-0.6	124	0.0
	Haryana	8768	0	181.4	118.9	1.2	217	0.0
	Rajasthan	9195	0	196.4	81.1	2.4	662	0.0
	Delhi	5239	0	103.4	80.4	-2.4	163	0.0
	UP	16742	740	350.6	167.4	1.3	259	2.0
	Uttarakhand	1795	0	37.1	14.8	0.0	97	0.0
	HP	1224	0	26.2	-2.5	1.9	149	0.0
	J&K	1824	456	36.7	12.8	-2.1	168	8.7
Chandigarh	269	0	5.3	6.4	-1.1	0	0.0	
WR	Chhattisgarh	3786	0	90.5	25.8	-0.1	117	0.0
	Gujarat	11444	0	257.0	51.7	-0.3	370	0.0
	MP	7314	0	162.4	82.1	0.8	547	0.0
	Maharashtra	19775	0	433.4	125.7	1.5	542	0.0
	Goa	411	0	8.4	7.5	0.3	35	0.0
	DD	305	0	7.0	6.3	0.7	38	0.0
	DNH	741	0	16.9	16.7	0.2	39	0.0
Essar steel	123	0	1.4	0.9	0.6	156	0.0	
SR	Andhra Pradesh	6301	0	146	41	3.4	659	0.0
	Telangana	7947	0	165	76	-1.6	326	0.0
	Karnataka	7571	0	164	53	3.1	542	0.0
	Kerala	3099	0	60	37	1.5	248	0.0
	Tamil Nadu	11695	0	251	125	5.6	448	0.0
	Pondy	307	0	6	7	-0.9	28	0.0
ER	Bihar	3773	0	66.2	63.8	-1.7	350	0.0
	DVC	2572	0	63.4	-17.1	0.8	285	0.0
	Jharkhand	1181	0	21.7	16.6	-2.6	155	0.0
	Odisha	4064	0	78.4	25.6	-2.0	380	0.0
	West Bengal	6879	0	129.7	40.2	3.6	400	0.0
	Sikkim	75	0	0.9	1.3	-0.4	22	0.0
NER	Arunachal Pradesh	126	2	2.1	2.9	-0.8	6	0.1
	Assam	1438	128	25.8	18.9	2.6	212	1.3
	Manipur	133	6	2.3	2.0	0.2	31	0.1
	Meghalaya	248	0	4.5	-1.7	-0.2	27	0.0
	Mizoram	72	1	1.3	1.2	0.0	9	0.1
	Nagaland	110	4	2.0	2.0	-0.2	26	0.1
	Tripura	192	7	3.7	2.7	-0.1	44	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.5	-0.7	-14.2
Day peak (MW)	1496.8	-70.0	-651.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.4	-178.7	55.9	-69.4	-6.1	0.1
Actual(MU)	193.5	-182.0	63.9	-72.9	-5.9	-3.4
O/D/U/D(MU)	-4.9	-3.3	8.0	-3.5	0.2	-3.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4232	16897	5010	800	368	27308
State Sector	9935	20308	11342	5885	110	47580
Total	14167	37205	16352	6685	478	74888

*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 : 14-Aug-17
SI 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	248	0.0	5.5	-5.5
2		SASARAM-FATEHPUR	S/C	0	129	0.0	0.8	-0.8
3		GAYA-BALIA	S/C	0	378	0.0	4.7	-4.7
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	196	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	187	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	794	0.0	12.3	-12.3
9		PATNA-BALIA	Q/C	0	935	0.0	14.2	-14.2
10		BIHARSHARIFF-BALIA	D/C	0	366	0.0	5.8	-5.8
11		BARH-GORAKHPUR	D/C	0	335	0.0	3.8	-3.8
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.3	-1.3
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
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						0.4	53.2	-52.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	343	0.0	0.7	-0.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	406	3.9	0.0	3.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	185	0.0	0.5	-0.5
21		JHARSUGUDA-RAIGARH	S/C	0	158	0.0	1.0	-1.0
22		IBEUL-RAIGARH	S/C	0	0	0.0	1.0	-1.0
23		STERLITE-RAIGARH	D/C	0	194	0.0	1.8	-1.8
24		RANCHI-SIPAT	D/C	0	55	4.0	0.0	4.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	123	0.0	1.3	-1.3
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
ER-WR						11.3	6.4	4.9
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.9	-10.9
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	454.2	0.0	15.7	-15.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	621.9	0.0	3.3	-3.3
30	400 KV	TALCHER-I/C	D/C	0.0	987.6	0.0	18.2	-18.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	29.9	-29.9
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1019	0.0	5.1	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	764	0.0	8.0	-8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.8	-3
ER-NER						0.0	15.9	-15.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	14.2	-14.2
NER-NR						0.0	14.2	-14.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	21.9	-21.9
37		V'CHAL B/B	D/C	400	0	8.3	0.0	8.3
38		APL -MHG	D/C	0	1513	0.0	40.0	-40.0
39	765 KV	GWALIOR-AGRA	D/C	0	2442	0.0	42.0	-42.0
40		PHAGI-GWALIOR	D/C	0	1244	0.0	23.3	-23.3
41	400 KV	ZERDA-KANKROLI	S/C	198	122	1.3	0.0	1.3
42		ZERDA -BHINMAL	S/C	253	126	1.2	0.0	1.2
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	263	0	2	-2
45	220 KV	BADOD-KOTA	S/C	25	64	0.0	0.7	-0.7
46		BADOD-MORAK	S/C	0	109	0.0	1.6	-1.6
47		MEHGAON-AURAIYA	S/C	50	0	0.6	0.0	0.6
48		MALANPUR-AURAIYA	S/C	23	15	0.1	0.1	0.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						11.5	131.6	-120.0
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.9	-23.9
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1288	0.0	22.3	-22.3
53		WARDHA-NIZAMABAD	D/C	0	1213	0.0	17.3	-17.3
54	400 KV	KOLHAPUR-KUDGI	D/C	459	0	5.5	0.0	5.5
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						7.0	63.5	-56.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						37.5
59		NEPAL						-0.7
60		BANGLADESH						-14.2