



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: 16th 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 15.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 15-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 15th 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

16-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49937	36855	34333	17565	2364	141054
Peak Shortage (MW)	1626	19	28	0	110	1783
Energy Met (MU)	1188	900	797	369	43	3297
Hydro Gen(MU)	382	16	37	82	30	547
Wind Gen(MU)	19	64	44	-----	-----	127
Solar Gen (MU)*	3.17	11.87	26.30	0.75	0.01	42
Energy Shortage (MU)	9.5	0.0	0.0	0.0	1.0	10.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53265	40549	35236	18552	2469	144942

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	0.034	0.00	0.22	4.88	5.10	73.26	21.63

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	10054	0	231.5	130.8	-0.4	105	0.0
	Haryana	8555	0	179.7	116.2	1.5	309	0.0
	Rajasthan	9382	496	202.8	86.2	2.4	426	0.0
	Delhi	5291	0	97.5	73.3	-0.6	260	0.1
	UP	17247	1365	375.3	181.4	1.3	769	0.0
	Uttarakhand	1589	150	33.0	12.2	-0.5	162	0.0
	HP	1136	0	23.8	-4.5	1.4	220	0.0
	J&K	1988	497	39.4	13.7	-0.3	368	9.4
Chandigarh	281	0	5.4	6.0	-0.7	30	0.0	
WR	Chhattisgarh	3689	0	89.2	28.0	0.5	88	0.0
	Gujarat	10332	0	232.4	58.4	-0.8	499	0.0
	MP	7570	0	171.0	93.3	0.6	434	0.0
	Maharashtra	17347	0	378.3	111.6	0.8	351	0.0
	Goa	411	0	8.4	7.7	0.2	15	0.0
	DD	281	0	4.7	4.4	0.4	54	0.0
	DNH	718	0	14.0	14.2	-0.2	14	0.0
	Essar steel	88	0	1.7	0.9	0.7	136	0.0
SR	Andhra Pradesh	7032	0	154	47	-0.3	496	0.0
	Telangana	7830	0	165	79	-2.6	322	0.0
	Karnataka	7562	0	164	75	3.2	480	0.0
	Kerala	3301	0	65	48	2.0	238	0.0
	Tamil Nadu	11103	0	242	105	1.4	483	0.0
	Pondy	278	0	6	6	-0.5	28	0.0
ER	Bihar	3839	0	71.6	65.8	2.4	190	0.0
	DVC	2765	0	62.6	-25.6	2.8	400	0.0
	Jharkhand	1193	0	23.4	16.3	-0.7	90	0.0
	Odisha	4057	0	78.7	24.2	-0.6	210	0.0
	West Bengal	7169	0	132.4	36.7	3.6	490	0.0
	Sikkim	73	0	0.5	0.5	0.0	25	0.0
NER	Arunachal Pradesh	120	4	2.2	3.2	-1.0	6	0.0
	Assam	1451	69	27.6	20.0	2.7	212	0.8
	Manipur	136	3	2.1	2.3	-0.2	31	0.1
	Meghalaya	268	0	4.4	-1.8	-0.5	27	0.0
	Mizoram	71	2	1.3	1.2	0.0	9	0.0
	Nagaland	112	2	2.1	1.9	0.0	26	0.0
	Tripura	233	4	3.3	3.1	-1.1	44	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.5	-3.3	-14.5
Day peak (MW)	1574.5	-288.5	-639.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.0	-184.9	79.4	-74.9	-8.2	0.4
Actual(MU)	181.2	-181.2	75.0	-67.7	-10.0	-2.7
O/D/U/D(MU)	-7.8	3.7	-4.4	7.2	-1.8	-3.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3942	15977	5010	800	118	25848
State Sector	9695	18713	9902	5785	110	44205
Total	13637	34690	14912	6585	228	70053

*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(ग्रि०प्रा०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 16-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	242	0.0	7.1	-7.1
2		SASARAM-FATEHPUR	S/C	0	107	0.0	2.8	-2.8
3		GAYA-BALIA	S/C	0	371	0.0	5.9	-5.9
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	172	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	53	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	795	0.0	14.4	-14.4
9		PATNA-BALIA	Q/C	0	828	0.0	18.3	-18.3
10		BIHARSHARIFF-BALIA	D/C	0	315	0.0	6.6	-6.6
11		BARH-GORAKHPUR	D/C	0	0	2.9	0.0	2.9
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.8	-1.8
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	0.6	0.0	0.6
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						3.5	61.7	-58.3
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.8	0.0	5.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	293	4.7	0.0	4.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	81	1.2	0.0	1.2
21		JHARSUGUDA-RAIGARH	S/C	0	39	1.2	0.0	1.2
22		IBEUL-RAIGARH	S/C	0	0	1.2	0.0	1.2
23		STERLITE-RAIGARH	D/C	0	93	0.0	0.4	-0.4
24		RANCHI-SIPAT	D/C	0	0	4.7	0.0	4.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	71	0.0	0.1	-0.1
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
ER-WR						22.3	0.5	21.8
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.6	-9.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	451.4	0.0	14.3	-14.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1616.2	0.0	22.8	-22.8
30	400 KV	TALCHER-I/C	D/C	0.0	879.4	0.0	6.2	-6.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	46.7	-46.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	685	0.0	1.9	-2
33		ALIPURDUAR-BONGAIGAON	D/C	0	517	0.0	2.3	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0
ER-NER						0.0	4.2	-4.2
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.7	-15.7
NER-NR						0.0	15.7	-15.7
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	19.7	-19.7
37		V'CHAL B/B	D/C	500	0	11.7	0.0	11.7
38		APL -MHG	D/C	0	2015	0.0	39.8	-39.8
39	765 KV	GWALIOR-AGRA	D/C	0	2510	0.0	39.9	-39.9
40		PHAGI-GWALIOR	D/C	0	1024	0.0	18.1	-18.1
41	400 KV	ZERDA-KANKROLI	S/C	136	93	0.2	0.0	0.2
42		ZERDA -BHINMAL	S/C	137	167	1.1	0.0	1.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	351	0	3	-3
45	220 KV	BADOD-KOTA	S/C	18	70	0.0	0.9	-0.9
46		BADOD-MORAK	S/C	0	102	0.0	1.6	-1.6
47		MEHGAON-AURAIYA	S/C	57	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	23	17	0.1	0.1	0.0
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.9	123.4	-109.6
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	700	0.0	11.4	-11.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1481	0.0	22.9	-22.9
53		WARDHA-NIZAMABAD	D/C	0	1114	0.0	19.5	-19.5
54	400 KV	KOLHAPUR-KUDGI	D/C	253	109	3.5	0.1	3.4
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						5.1	53.9	-48.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.5
59		NEPAL						-3.3
60		BANGLADESH						-14.5