



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: 11th 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 10.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 10-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 10th 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

11-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52445	43379	34882	18563	2421	151691
Peak Shortage (MW)	1933	46	255	14	261	2509
Energy Met (MU)	1164	1002	862	389	44	3461
Hydro Gen(MU)	384	26	63	107	28	609
Wind Gen(MU)	34	73	38	-----	-----	145
Solar Gen (MU)*	2.96	10.09	26.30	0.66	0.01	40
Energy Shortage (MU)	9.4	0.1	0.0	0.0	2.2	11.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53473	42977	36711	18650	2496	151364

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	0.031	0.00	0.00	5.36	5.36	76.93	17.71

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	10447	0	231.4	129.0	0.0	111	0.0
	Haryana	8945	0	174.3	114.5	0.8	234	0.0
	Rajasthan	8859	0	189.4	66.9	0.9	373	0.0
	Delhi	5548	0	112.7	90.9	-0.3	214	0.0
	UP	16548	0	348.7	162.1	2.2	570	0.0
	Uttarakhand	1786	0	37.2	11.7	-0.3	159	0.0
	HP	1351	0	27.1	-2.5	3.0	367	0.5
	J&K	2008	502	37.4	12.7	-1.3	160	8.9
Chandigarh	297	0	6.0	6.5	-0.6	5	0.0	
WR	Chhattisgarh	3829	0	86.3	24.2	-0.4	247	0.0
	Gujarat	12639	0	283.6	55.3	-1.7	478	0.0
	MP	7403	0	155.0	84.5	-2.5	265	0.1
	Maharashtra	19844	0	438.6	131.0	3.8	380	0.0
	Goa	416	0	9.0	8.3	0.7	51	0.0
	DD	328	0	7.4	6.2	1.2	59	0.0
	DNH	745	0	17.1	16.7	0.5	58	0.0
	Essar steel	273	0	5.4	5.5	-0.1	143	0.0
SR	Andhra Pradesh	7049	0	159	57	6.0	685	0.0
	Telangana	7977	0	169	80	-2.5	420	0.0
	Karnataka	8607	0	184	73	5.8	620	0.0
	Kerala	3333	0	67	43	1.7	324	0.0
	Tamil Nadu	12784	0	277	135	2.0	895	0.0
	Pondy	338	0	7	7	0.2	37	0.0
ER	Bihar	3764	0	73.3	67.2	-0.8	225	0.0
	DVC	2286	0	62.5	-18.3	1.8	220	0.0
	Jharkhand	1073	0	23.6	16.5	-0.9	90	0.0
	Odisha	4142	0	81.5	28.1	-1.2	225	0.0
	West Bengal	7464	0	146.6	56.4	0.5	250	0.0
	Sikkim	90	0	1.2	1.0	0.2	10	0.0
NER	Arunachal Pradesh	107	3	2.0	3.1	-1.0	8	0.0
	Assam	1502	202	28.0	21.4	1.6	164	1.9
	Manipur	154	2	2.1	2.4	-0.3	21	0.1
	Meghalaya	292	0	4.4	-0.1	-0.9	34	0.0
	Mizoram	76	2	1.3	1.4	-0.2	5	0.0
	Nagaland	119	1	2.2	2.2	-0.3	7	0.0
	Tripura	210	12	3.9	3.7	-0.3	49	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.4	-5.1	-14.3
Day peak (MW)	1521.6	-265.6	-629.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.6	-206.5	103.6	-81.1	0.0	-0.4
Actual(MU)	182.7	-218.5	111.2	-74.6	-3.1	-2.3
O/D/U/D(MU)	-0.8	-11.9	7.6	6.4	-3.1	-1.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4432	14477	5260	800	368	25338
State Sector	9275	17681	11302	7215	110	45583
Total	13707	32158	16562	8015	478	70921

*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 : 11-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	133	0.0	3.0	-3.0
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	297	0.0	4.1	-4.1
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	179	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	49	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	636	0.0	10.7	-10.7
9		PATNA-BALIA	Q/C	0	823	0.0	17.2	-17.2
10		BIHARSHARIFF-BALIA	D/C	0	256	0.0	5.3	-5.3
11		BARH-GORAKHPUR	D/C	0	319	0.0	6.5	-6.5
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.4	0.0	0.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	230	0.0	4.1	-4.1
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						3.8	55.6	-51.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.9	0.0	12.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	215	5.9	0.0	5.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	43	1.2	0.0	1.2
21		JHARSUGUDA-RAIGARH	S/C	0	44	0.4	0.0	0.4
22		IBEUL-RAIGARH	S/C	0	0	0.3	0.0	0.3
23		STERLITE-RAIGARH	D/C	0	0	2.8	0.0	2.8
24		RANCHI-SIPAT	D/C	0	0	5.7	0.0	5.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	97	0.0	0.9	-0.9
26		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4
ER-WR						31.7	0.9	30.8
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.3	-14.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.1	0.0	14.7	-14.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2502.6	0.0	39.4	-39.4
30	400 KV	TALCHER-I/C	D/C	0.0	1079.7	0.0	16.1	-16.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	68.4	-68.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	978	0.0	5.9	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	780	0.0	6.7	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2
ER-NER						0.0	14.3	-14.3
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	1002	0.0	17.3	-17.3
NER-NR						0.0	17.3	-17.3
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	24.8	-24.8
37		V'CHAL B/B	D/C	500	100	7.5	0.7	6.9
38		APL -MHG	D/C	0	2016	0.0	41.8	-41.8
39	765 KV	GWALIOR-AGRA	D/C	0	2572	0.0	41.6	-41.6
40		PHAGI-GWALIOR	D/C	0	908	0.0	15.7	-15.7
41	400 KV	ZERDA-KANKROLI	S/C	184	82	1.9	0.0	1.9
42		ZERDA -BHINMAL	S/C	203	100	1.8	0.0	1.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	223	0	1	-1
45	220 KV	BADOD-KOTA	S/C	45	43	0.3	0.3	0.0
46		BADOD-MORAK	S/C	4	81	0.0	1.0	-1.0
47		MEHGAON-AURAIYA	S/C	47	32	0.4	0.0	0.4
48		MALANPUR-AURAIYA	S/C	21	53	0.1	0.2	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						12.0	126.9	-114.9
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.2	-19.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1820	0.0	35.3	-35.3
53		WARDHA-NIZAMABAD	D/C	0	1283	0.0	24.6	-24.6
54	400 KV	KOLHAPUR-KUDGI	D/C	491	0	5.1	0.0	5.1
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						6.6	79.1	-72.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.4
59		NEPAL						-5.1
60		BANGLADESH						-14.3