



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: 31st 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 30.08.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-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 30th 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

31-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50116	39572	37663	19992	2596	149938
Peak Shortage (MW)	1776	10	0	0	133	1919
Energy Met (MU)	1118	870	825	405	49	3266
Hydro Gen(MU)	330	25	54	109	22	539
Wind Gen(MU)	28	79	137	-----	-----	243
Solar Gen (MU)*	2.59	9.12	30.90	1.11	0.02	44
Energy Shortage (MU)	10.0	0.0	0.0	0.0	1.1	11.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50384	40414	38730	20032	2655	151071

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	0.028	0.00	0.00	5.54	5.54	81.81	12.65

C. Power Supply Position in States

Region/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	8210	0	181.5	113.8	-0.5	224	0.0
	Haryana	8112	0	171.4	122.0	2.2	228	0.4
	Rajasthan	8478	0	185.1	53.5	1.3	249	0.0
	Delhi	5217	0	110.5	86.4	-1.4	117	0.0
	UP	16494	150	357.8	178.5	2.8	430	0.0
	Uttarakhand	1903	0	40.6	11.6	0.7	137	0.0
	HP	1296	0	25.5	0.6	0.2	79	0.1
	J&K	2001	500	40.1	14.3	-0.2	153	9.5
WR	Chandigarh	278	0	5.6	6.2	-0.5	0	0.0
	Chhattisgarh	3644	0	80.8	23.1	-1.0	367	0.0
	Gujarat	10650	0	238.9	65.6	-1.8	548	0.0
	MP	7391	0	157.4	91.6	-0.1	391	0.0
	Maharashtra	16832	0	357.2	104.3	1.6	383	0.0
	Goa	428	0	9.5	8.7	0.7	69	0.0
	DD	309	0	6.9	6.0	0.8	76	0.0
	DNH	733	0	16.7	15.8	0.9	55	0.0
SR	Essar steel	160	0	2.2	2.1	0.1	154	0.0
	Andhra Pradesh	7002	0	150	28	2.2	454	0.0
	Telangana	7470	0	157	78	-4.0	371	0.0
	Karnataka	7736	0	155	52	2.2	414	0.0
	Kerala	3398	0	65	45	2.2	309	0.0
	Tamil Nadu	13975	0	292	111	3.2	498	0.0
	Pondy	342	0	6	7	-0.8	38	0.0
	ER	Bihar	4170	0	83.1	76.1	1.3	250
DVC		2874	0	66.3	-23.9	0.0	380	0.0
Jharkhand		1178	0	25.4	17.0	0.8	150	0.0
Odisha		4108	0	76.9	28.5	-0.9	380	0.0
West Bengal		8182	0	152.3	46.5	6.4	440	0.0
Sikkim		87	0	1.1	1.0	0.1	30	0.0
NER	Arunachal Pradesh	113	7	2.2	1.9	0.4	45	0.1
	Assam	1661	99	31.8	23.9	3.0	237	0.7
	Manipur	144	7	2.1	2.1	0.0	31	0.1
	Meghalaya	279	0	4.9	-1.3	0.1	76	0.0
	Mizoram	62	3	0.9	1.0	-0.2	30	0.0
	Nagaland	98	4	2.0	1.7	0.1	28	0.2
	Tripura	249	4	4.6	3.0	0.3	99	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.9	-5.4	-13.1
Day peak (MW)	1521.7	-317.9	-652.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.6	-186.6	51.3	-76.2	10.9	1.0
Actual(MU)	180.7	-186.2	49.8	-62.8	13.8	-4.8
O/D/U/D(MU)	-20.9	0.4	-1.5	13.3	2.9	-5.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3937	15870	4350	1810	947	26914
State Sector	8165	21156	11312	4955	110	45698
Total	12102	37026	15662	6765	1057	72612

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	515	933	472	381	5	2304
Hydro	330	24	54	109	22	538
Nuclear	32	3	35	0	0	70
Gas, Naptha & Diesel	36	43	15	0	12	107
RES (Wind, Solar, Biomass & Others)	38	88	205	1	0	332
Total	951	1090	781	490	39	3351

*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 भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 31-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	237	0.0	7.5	-7.5
2		SASARAM-FATEHPUR	S/C	0	156	0.9	0.0	0.9
3		GAYA-BALIA	S/C	0	396	0.0	6.7	-6.7
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	186	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	810	0.0	15.1	-15.1
9		PATNA-BALIA	Q/C	0	858	0.0	18.3	-18.3
10		BIHARSHARIFF-BALIA	D/C	0	319	0.0	6.0	-6.0
11		BARH-GORAKHPUR	D/C	0	0	4.2	0.0	4.2
12		BIHARSHARIFF-VARANASI	D/C	0	12	0.0	1.4	-1.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	138	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	0.5	0.0	0.5
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						5.7	62.6	-57.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	91	8.3	0.0	8.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	219	6.5	0.0	6.5
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	117	1.4	0.0	1.4
21		JHARSUGUDA-RAIGARH	S/C	0	76	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	99	0.8	0.0	0.8
24		RANCHI-SIPAT	D/C	0	13	5.6	0.0	5.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	106	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	4.1	0.0	4.1
ER-WR						29.1	1.1	28.1
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.5	-14.5
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	233.2	0.0	10.8	-10.8
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1648.9	0.0	30.3	-30.3
30	400 KV	TALCHER-I/C	D/C	0.0	1488.9	0.0	19.2	-19.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	55.7	-55.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1321	0.0	8.9	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	996	0.0	5.0	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	3.0	-3
ER-NER						0.0	16.9	-16.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	7.2	-7.2
NER-NR						0.0	7.2	-7.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.3	-29.3
37		V'CHAL B/B	D/C	500	0	10.6	0.0	10.6
38		APL -MHG	D/C	0	2014	0.0	41.1	-41.1
39	765 KV	GWALIOR-AGRA	D/C	0	2872	0.0	49.4	-49.4
40		PHAGI-GWALIOR	D/C	0	1182	0.0	20.2	-20.2
41	400 KV	ZERDA-KANKROLI	S/C	267	123	3.3	0.0	3.3
42		ZERDA -BHINMAL	S/C	254	174	2.4	0.0	2.4
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	310	0	1	-1
45		BADOD-KOTA	S/C	78	19	0.9	0.0	0.9
46	220 KV	BADOD-MORAK	S/C	18	68	0.1	0.4	-0.3
47		MEHGAON-AURAIYA	S/C	35	5	0.3	0.0	0.3
48		MALANPUR-AURAIYA	S/C	10	26	0.0	0.3	-0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						17.5	141.4	-123.9
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	700	0.0	8.4	-8.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1341	0.0	15.1	-15.1
53		WARDHA-NIZAMABAD	D/C	0	1072	0.0	19.0	-19.0
54	400 KV	KOLHAPUR-KUDGI	D/C	572	170	7.0	0.2	6.9
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	2.0	0.0	2.0
WR-SR						9.0	42.7	-33.7
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.9
59		NEPAL						-5.4
60		BANGLADESH						-13.1