



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: 30th 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 29.08.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29-अगस्त-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 29th 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

30-Aug-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49500	38070	36947	19638	2571	146726
Peak Shortage (MW)	1749	0	0	150	121	2020
Energy Met (MU)	1128	879	786	394	48	3235
Hydro Gen(MU)	322	26	44	98	23	514
Wind Gen(MU)	24	70	168	-----	-----	262
Solar Gen (MU)*	2.92	8.16	22.30	0.95	0.02	34
Energy Shortage (MU)	10.8	0.0	0.0	0.5	1.1	12.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51046	39024	37295	19988	2729	147454

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	1.97	1.97	71.16	26.88

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	8988	0	194.7	119.2	-0.5	136	0.0
	Haryana	8168	0	172.9	125.1	1.3	227	0.0
	Rajasthan	9205	0	193.0	56.5	0.0	349	0.0
	Delhi	5258	0	112.2	83.5	-1.4	77	0.0
	UP	16806	790	343.0	161.9	3.0	890	0.0
	Uttarakhand	1835	0	39.1	10.5	0.1	142	0.0
	HP	1261	0	24.8	-0.1	0.1	69	0.5
	J&K	2113	528	43.3	15.1	2.2	240	10.3
	Chandigarh	264	0	5.5	5.9	-0.5	2	0.0
	Chhattisgarh	3509	0	78.4	19.2	-0.9	236	0.0
WR	Gujarat	11839	0	255.2	59.1	-1.1	842	0.0
	MP	7110	0	153.2	91.4	-0.7	638	0.0
	Maharashtra	16710	0	357.7	110.3	0.0	641	0.0
	Goa	427	0	8.8	8.7	-0.1	42	0.0
	DD	302	0	6.5	5.8	0.7	69	0.0
	DNH	733	0	16.4	15.8	0.6	67	0.0
	Essar steel	134	0	2.3	2.1	0.2	176	0.0
SR	Andhra Pradesh	6537	0	138	18	-0.7	580	0.0
	Telangana	7013	0	146	72	-1.6	489	0.0
	Karnataka	7173	0	148	44	1.2	441	0.0
	Kerala	3242	0	63	46	1.4	268	0.0
	Tamil Nadu	13718	0	285	98	2.3	560	0.0
	Pondy	308	0	7	8	-0.6	19	0.0
ER	Bihar	4192	0	79.8	75.2	-1.2	80	0.0
	DVC	2860	0	65.0	-21.2	1.2	200	0.0
	Jharkhand	1210	0	23.8	16.6	-0.2	90	0.0
	Odisha	4369	0	83.8	32.5	5.3	670	0.5
	West Bengal	7655	0	140.7	47.0	2.8	300	0.0
	Sikkim	86	0	1.0	1.2	-0.2	30	0.0
NER	Arunachal Pradesh	113	3	2.1	2.1	0.1	45	0.1
	Assam	1667	72	31.6	24.6	1.9	142	0.9
	Manipur	141	2	2.3	2.2	0.1	12	0.0
	Meghalaya	268	0	4.2	-1.3	-0.7	43	0.0
	Mizoram	71	1	1.2	1.2	-0.1	2	0.0
	Nagaland	96	5	1.9	1.7	0.0	21	0.1
	Tripura	249	4	4.3	3.2	0.5	33	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.0	-5.0	-15.2
Day peak (MW)	1607.8	-306.0	-660.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.0	-191.1	45.2	-66.2	10.9	-0.3
Actual(MU)	186.1	-186.8	42.3	-56.2	12.3	-2.4
O/D/U/D(MU)	-14.9	4.3	-2.9	10.0	1.4	-2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3312	15457	3850	1810	876	25305
State Sector	8575	20518	12212	5955	110	47370
Total	11887	35975	16062	7765	986	72675

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	511	950	434	373	4	2273
Hydro	322	25	44	98	23	513
Nuclear	32	3	30	0	0	65
Gas, Naptha & Diesel	44	44	15	0	12	115
RES (Wind, Solar, Biomass & Others)	34	78	225	1	0	339
Total	944	1100	748	472	40	3304

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिचालन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको),सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 30-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	244	0.0	8.2	-8.2
2		SASARAM-FATEHPUR	S/C	0	147	0.9	0.0	0.9
3		GAYA-BALIA	S/C	0	399	0.0	7.0	-7.0
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	192	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	52	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	769	0.0	14.6	-14.6
9		PATNA-BALIA	Q/C	0	892	0.0	17.8	-17.8
10		BIHARSHARIFF-BALIA	D/C	0	309	0.0	6.1	-6.1
11		BARH-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.8	-1.8	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	134	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	0.4	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						5.4	63.1	-57.7
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.8	0.0	9.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	163	8.3	0.0	8.3
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	2	2.4	0.0	2.4
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.4	0.0	1.4
22		IBEUL-RAIGARH	S/C	0	0	1.5	0.0	1.5
23		STERLITE-RAIGARH	D/C	0	0	2.9	0.0	2.9
24		RANCHI-SIPAT	D/C	0	0	5.6	0.0	5.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	82	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5
ER-WR						35.6	1.0	34.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.7	-13.7
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	323.2	0.0	9.9	-9.9
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2505.4	0.0	27.0	-27.0
30	400 KV	TALCHER-I/C	D/C	0.0	1213.3	0.0	18.9	-18.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	50.6	-50.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1093	0.0	7.9	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	831	0.0	6.0	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.9	-3
ER-NER						0.0	16.8	-16.8
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	367	0.0	6.5	-6.5
NER-NR						0.0	6.5	-6.5
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	32.7	-32.7
37		VCHAL B/B	D/C	500	0	8.6	0.0	8.6
38		APL -MHG	D/C	0	1412	0.0	22.3	-22.3
39	765 KV	GWALIOR-AGRA	D/C	0	2802	0.0	52.2	-52.2
40		PHAGI-GWALIOR	D/C	0	1322	0.0	25.1	-25.1
41	400 KV	ZERDA-KANKROLI	S/C	213	76	1.0	0.0	1.0
42		ZERDA -BHINMAL	S/C	250	136	0.0	0.0	0.0
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	255	0	1	-1
45	220 KV	BADOD-KOTA	S/C	89	20	0.7	0.0	0.7
46		BADOD-MORAK	S/C	32	50	0.0	0.6	-0.5
47		MEHGAON-AURAIYA	S/C	65	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	9	40	0.0	0.1	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						11.1	134.0	-122.8
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	10.5	-10.5
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		765 KV	SOLAPUR-RAICHUR	D/C	0	886	0.0	9.2
53	400 KV	WARDHA-NIZAMABAD	D/C	0	1080	0.0	18.3	-18.3
54		KOLHAPUR-KUDGI	D/C	502	122	7.0	0.0	7.0
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0
56	220 KV	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	38.0	-29.0
TRANSNATIONAL EXCHANGE								
58		BHUTAN						37.0
59		NEPAL						-5.0
60		BANGLADESH						-15.2