



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: 13th September 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 12.09.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12-सितंबर-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 12th September 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

13-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53208	44843	38425	19796	2296	158568
Peak Shortage (MW)	2420	708	0	300	390	3818
Energy Met (MU)	1194	1030	870	414	45	3554
Hydro Gen(MU)	266	75	92	102	25	561
Wind Gen(MU)	4	15	20	-----	-----	39
Solar Gen (MU)*	3.42	12.13	33.40	1.17	0.01	50
Energy Shortage (MU)	29.1	10.2	0.0	1.2	2.5	43.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54168	44909	38323	19878	2676	158599

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	0.038	0.00	0.00	9.04	9.04	80.19	10.78

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	9713	0	213.9	91.9	0.3	251	0.0
	Haryana	8417	0	178.5	121.3	1.5	227	0.0
	Rajasthan	9415	0	199.7	75.2	0.9	247	0.3
	Delhi	5474	0	112.0	87.6	0.6	179	0.0
	UP	17366	1250	377.9	172.0	2.5	818	19.7
	Uttarakhand	1965	0	41.4	11.9	1.0	183	0.0
	HP	1327	0	26.4	5.0	1.1	142	0.0
	J&K	1991	498	38.4	18.6	3.4	289	9.1
WR	Chandigarh	266	0	5.3	5.8	-0.5	0	0.0
	Chhattisgarh	3826	0	87.9	29.6	-5.0	146	0.0
	Gujarat	14481	0	322.0	65.7	-2.3	268	0.0
	MP	7800	0	172.7	87.1	-0.9	386	0.0
	Maharashtra	17974	629	407.5	110.3	2.5	375	10.2
	Goa	434	0	9.3	9.3	0.0	81	0.0
	DD	329	0	7.3	6.1	1.2	86	0.0
	DNH	754	0	17.2	16.2	1.1	124	0.0
SR	Essar steel	320	0	6.4	6.4	0.0	163	0.0
	Andhra Pradesh	7300	0	154	36	3.1	413	0.0
	Telangana	9113	0	193	94	-0.7	473	0.0
	Karnataka	7891	0	162	41	4.8	408	0.0
	Kerala	3342	0	69	42	1.7	308	0.0
	Tamil Nadu	13613	0	284	145	3.6	449	0.0
	Pondy	322	0	7	7	0.1	24	0.0
	ER	Bihar	4424	100	87.4	82.7	-2.1	415
DVC		2925	0	68.5	-23.7	0.6	385	0.0
Jharkhand		1242	0	24.1	17.5	0.4	145	0.0
Odisha		4043	0	78.4	24.5	2.8	435	0.0
West Bengal		8183	0	154.5	60.5	1.9	456	0.0
Sikkim		99	0	1.5	1.2	0.3	20	0.0
NER	Arunachal Pradesh	110	2	2.1	2.7	-0.6	21	0.0
	Assam	1581	110	29.6	23.0	2.0	145	2.3
	Manipur	145	6	2.0	2.4	-0.4	26	0.1
	Meghalaya	296	0	4.3	-1.2	-0.2	47	0.0
	Mizoram	78	2	1.3	1.4	-0.2	21	0.0
	Nagaland	108	3	2.2	2.0	0.0	27	0.0
	Tripura	244	1	4.0	3.6	0.0	75	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.0	-5.4	-15.0
Day peak (MW)	1580.4	-293.5	-657.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	211.9	-210.5	51.2	-52.5	0.5	0.6
Actual(MU)	203.3	-219.6	59.9	-46.5	-0.7	-3.7
O/D/U/D(MU)	-8.6	-9.1	8.7	5.9	-1.2	-4.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2320	16384	5010	2380	201	26295
State Sector	8475	17204	8642	4655	110	39086
Total	10795	33588	13652	7035	311	65381

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	630	1115	564	384	2	2695
Hydro	266	76	92	102	25	562
Nuclear	31	3	50	0	0	84
Gas, Naptha & Diesel	62	71	18	0	23	173
RES (Wind, Solar, Biomass & Others)	15	27	91	1	0	135
Total	1004	1293	815	488	50	3649

*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 : 13-Sep-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	335	0.0	7.8	-7.8
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	317	0.0	3.6	-3.6
4	HVDC	ALIPURDUAR-AGRA	-	0	178	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	198	0.0	5.0	-5.0
6	400 KV	PUSAULI-VARANASI	S/C	0	192	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	45	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	730	0.0	11.7	-11.7
9		PATNA-BALIA	Q/C	0	927	0.0	15.5	-15.5
10		BIHARSHARIFF-BALIA	D/C	0	295	0.0	4.0	-4.0
11		BARH-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	5	0.7	0.0	0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	1.9	-1.9
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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						7.8	56.7	-48.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	53	4.6	0.0	4.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.1	0.0	10.1
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	4	1.1	0.0	1.1
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1
23		STERLITE-RAIGARH	D/C	0	0	1.6	0.0	1.6
24		RANCHI-SIPAT	D/C	0	0	5.8	0.0	5.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	87	0.0	0.9	-0.9
26		BUDHIPADAR-KORBA	D/C	0	0	3.8	0.0	3.8
ER-WR						29.7	0.9	28.8
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.0	-11.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	189.6	0.0	8.6	-8.6
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1616.2	0.0	23.6	-23.6
30	400 KV	TALCHER-I/C	D/C	0.0	1258.3	0.0	16.9	-16.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	43.2	-43.2
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1347	0.0	7.3	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1089	0.0	5.1	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2
ER-NER						0.0	14.7	-14.7
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.4	-17.4
NER-NR						0.0	17.4	-17.4
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	33.3	-33.3
37		V'CHAL B/B	D/C	500	0	7.6	0.0	7.6
38		APL -MHG	D/C	0	2116	0.0	45.3	-45.3
39	765 KV	GWALIOR-AGRA	D/C	0	2680	0.0	49.6	-49.6
40		PHAGI-GWALIOR	D/C	0	1288	0.0	23.5	-23.5
41	400 KV	ZERDA-KANKROLI	S/C	120	22	1.0	0.0	1.0
42		ZERDA -BHINMAL	S/C	53	114	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	256	0	2	-2
45	220 KV	BADOD-KOTA	S/C	40	4	0.4	0.0	0.4
46		BADOD-MORAK	S/C	5	46	0.0	0.4	-0.4
47		MEHGAON-AURAIYA	S/C	128	0	2.4	0.0	2.4
48		MALANPUR-AURAIYA	S/C	84	0	1.5	0.0	1.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						14.2	154.3	-140.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.0	-20.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	824	0.0	9.8	-9.8
53		WARDHA-NIZAMABAD	D/C	0	1511	0.0	28.0	-28.0
54	400 KV	KOLHAPUR-KUDGI	D/C	504	0	6.7	0.0	6.7
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						8.7	57.8	-49.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.0
59		NEPAL						-5.4
60		BANGLADESH						-15.0