



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: 26th 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 25.09.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-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 25th September 2017, is available at the NLDC website.

धन्यवाद,



**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

26-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49107	46286	37231	20703	2665	155991
Peak Shortage (MW)	1215	0	0	0	90	1305
Energy Met (MU)	1036	1036	836	432	49	3389
Hydro Gen(MU)	304	23	81	98	23	529
Wind Gen(MU)	17	31	57	-----	-----	106
Solar Gen (MU)*	0.89	15.41	23.00	0.58	0.01	40
Energy Shortage (MU)	10.4	0.0	0.0	0.0	1.4	11.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49900	46891	37549	20923	2823	157111

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	0.025	0.00	0.01	3.29	3.30	85.49	11.22

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	8196	0	177.2	98.1	-0.3	124	0.0
	Haryana	6927	60	131.3	102.8	3.1	330	0.1
	Rajasthan	9355	115	201.6	82.3	3.0	372	0.5
	Delhi	4447	0	89.9	77.1	-0.4	84	0.0
	UP	16052	0	330.6	149.2	-0.1	239	0.0
	Uttarakhand	1786	0	35.3	13.6	-0.1	230	0.0
	HP	1315	0	24.1	2.1	-2.2	132	0.0
	J&K	2089	522	41.6	21.4	2.2	337	9.9
	Chandigarh	236	0	4.5	5.4	-0.8	34	0.0
	Chhattisgarh	3827	0	88.5	29.8	1.3	258	0.0
WR	Gujarat	15180	0	335.9	71.3	-0.5	344	0.0
	MP	7820	0	169.7	93.7	4.2	498	0.0
	Maharashtra	18575	0	399.3	122.1	0.2	490	0.0
	Goa	405	0	8.8	8.5	0.0	57	0.0
	DD	332	0	7.4	6.3	1.0	73	0.0
	DNH	756	0	17.3	16.5	0.8	97	0.0
	Essar steel	474	0	9.5	9.1	0.3	212	0.0
	Andhra Pradesh	7179	0	155.0	56.5	1.6	429	0.0
	Telangana	9109	0	186.1	81.9	-0.7	335	0.0
	Karnataka	7539	0	148.9	56.2	2.0	415	0.0
SR	Kerala	3535	0	67.5	42.2	1.7	330	0.0
	Tamil Nadu	13148	0	271.5	125.2	-0.7	562	0.0
	Pondy	342	0	7.0	7.3	-0.2	54	0.0
	Bihar	4380	0	96.9	84.9	5.7	380	0.0
	DVC	2726	0	61.4	-23.7	-3.6	40	0.0
	Jharkhand	1163	0	26.2	17.3	2.4	180	0.0
	Odisha	4417	0	88.1	40.7	1.4	250	0.0
	West Bengal	8402	0	158.3	50.5	0.4	400	0.0
	Sikkim	85	0	1.1	1.3	-0.3	12	0.0
	NER	Arunachal Pradesh	105	2	2.4	2.5	-0.1	3
Assam		1721	55	30.8	23.4	2.4	164	1.3
Manipur		137	2	2.2	2.2	0.0	38	0.0
Meghalaya		264	0	5.4	-0.5	0.5	69	0.0
Mizoram		76	1	1.3	1.3	0.0	12	0.0
Nagaland		115	1	2.1	2.0	-0.1	25	0.0
Tripura		275	0	4.6	4.3	-0.1	85	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	30.6	-5.0	-15.3
Day peak (MW)	1350.9	-344.7	-664.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	178.8	-194.7	62.5	-45.9	0.1	0.7
Actual(MU)	167.9	-186.6	57.4	-35.3	1.6	5.0
O/D/U/D(MU)	-10.9	8.1	-5.1	10.6	1.5	4.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3136	16149	4560	1720	81	25646
State Sector	11630	15566	8792	5545	50	41583
Total	14766	31715	13352	7265	131	67229

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	502	1138	522	393	4	2559
Hydro	304	23	81	98	23	529
Nuclear	28	3	51	0	0	82
Gas, Naptha & Diesel	29	51	17	0	24	122
RES (Wind, Solar, Biomass & Others)	26	46	113	1	0	186
Total	889	1261	785	491	52	3478

*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 : 26-Sep-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	209	0.0	4.8	-4.8
2		SASARAM-FATEHPUR	S/C	0	0	3.9	0.0	3.9
3		GAYA-BALIA	S/C	0	313	0.0	4.9	-4.9
4	HVDC	ALIPURDUAR-AGRA	-	0	228	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	248	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	210	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	73	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	582	0.0	10.6	-10.6
9		PATNA-BALIA	Q/C	0	869	0.0	18.2	-18.2
10		BIHARSHARIFF-BALIA	D/C	0	236	0.0	3.8	-3.8
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.4	0.0	0.4	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.3	-5.3
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						9.0	60.8	-51.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.7	0.0	12.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	12.9	0.0	12.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	5	0.0	0.0	0.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	0.0	0.0	0.0
22		IBEUL-RAIGARH	S/C	0	0	3.6	0.0	3.6
23		STERLITE-RAIGARH	D/C	0	0	7.7	0.0	7.7
24		RANCHI-SIPAT	D/C	0	0	8.3	0.0	8.3
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	73	0.0	0.2	-0.2
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
ER-WR						48.7	0.2	48.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.6	-14.6
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	215.5	0.0	9.7	-9.7
29		TALCHER-KOLAR BIPOLE	D/C	0.0	1036.5	0.0	16.9	-16.9
30	400 KV	TALCHER-I/C	D/C	0.0	1187.3	0.0	21.1	-21.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	41.2	-41.2
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1367	0.0	11.5	-11
33		ALIPURDUAR-BONGAIGAON	D/C	0	1107	0.0	5.2	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.1	-2
ER-NER						0.0	18.8	-18.8
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	16.2	-16.2
NER-NR						0.0	16.2	-16.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	11.4	-11.4
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1512	0.0	26.3	-26.3
39	765 KV	GWALIOR-AGRA	D/C	0	2558	0.0	44.0	-44.0
40		PHAGI-GWALIOR	D/C	0	1496	0.0	25.7	-25.7
41	400 KV	ZERDA-KANKROLI	S/C	163	73	1.8	0.0	1.8
42		ZERDA -BHINMAL	S/C	158	107	0.9	0.0	0.9
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	299	0	3	-3
45	220 KV	BADOD-KOTA	S/C	18	37	0.1	0.4	-0.3
46		BADOD-MORAK	S/C	0	78	0.0	1.1	-1.1
47		MEHGAON-AURAIYA	S/C	15	0	1.8	0.0	1.8
48		MALANPUR-AURAIYA	S/C	35	44	0.2	0.4	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						17.0	112.0	-95.0
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	800	0.0	14.0	-14.0
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	14	942	13.9	9.8	4.1
53		WARDHA-NIZAMABAD	D/C	0	1758	0.0	29.6	-29.6
54	400 KV	KOLHAPUR-KUDGI	D/C	503	0	7.3	0.0	7.3
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						23.2	53.5	-30.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						30.6
59		NEPAL						-5.0
60		BANGLADESH						-15.3