



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 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 10.09.2017.

महोदय/Dear Sir,

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

11-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52374	43269	35486	19508	2405	153043
Peak Shortage (MW)	1648	309	113	250	135	2455
Energy Met (MU)	1192	1012	795	411	41	3451
Hydro Gen(MU)	274	31	55	102	28	489
Wind Gen(MU)	14	11	18	-----	-----	42
Solar Gen (MU)*	2.04	12.76	30.80	1.24	0.01	47
Energy Shortage (MU)	13.7	3.4	0.0	0.8	1.7	19.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53751	43123	34591	19701	2565	152948

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	0.63	7.48	8.10	83.37	8.53

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	9827	0	226.0	102.9	-0.6	97	0.0
	Haryana	8042	0	164.4	119.7	0.1	157	0.0
	Rajasthan	9647	0	211.7	71.7	-0.3	358	0.0
	Delhi	5363	0	104.5	80.1	-0.7	158	0.3
	UP	16988	1595	383.5	180.2	0.7	470	5.0
	Uttarakhand	1780	0	37.9	9.8	-0.2	114	0.0
	HP	1235	0	24.4	5.6	0.3	142	0.1
	J&K	1913	478	35.2	17.7	-0.1	381	8.3
WR	Chandigarh	236	0	4.8	5.3	-0.5	0	0.0
	Chhattisgarh	3766	115	88.1	24.8	0.2	293	3.4
	Gujarat	13513	0	304.3	56.7	0.3	412	0.0
	MP	7837	0	180.2	118.7	2.2	444	0.0
	Maharashtra	17617	0	398.7	112.0	2.2	396	0.0
	Goa	434	0	9.3	8.4	0.9	104	0.0
	DD	291	0	6.8	5.9	0.9	59	0.0
	DNH	736	0	17.0	15.9	1.1	73	0.0
SR	Essar steel	366	0	7.2	6.2	1.0	159	0.0
	Andhra Pradesh	6718	0	149	43	5.7	529	0.0
	Telangana	8639	0	185	88	0.0	415	0.0
	Karnataka	6728	0	134	47	2.1	516	0.0
	Kerala	3172	0	61	40	1.8	225	0.0
	Tamil Nadu	11415	0	261	132	3.6	557	0.0
	Pondy	310	0	7	7	-0.1	29	0.0
	ER	Bihar	4298	0	82.2	78.5	0.6	225
DVC		2884	0	64.3	-28.0	0.2	220	0.0
Jharkhand		1191	0	23.7	17.1	0.3	100	0.0
Odisha		4185	0	85.3	37.6	1.0	225	0.8
West Bengal		8010	0	154.2	56.7	2.7	250	0.0
Sikkim		77	0	0.9	1.2	-0.3	12	0.0
NER	Arunachal Pradesh	110	1	1.8	3.0	-1.2	22	0.0
	Assam	1516	93	25.4	19.1	1.7	135	1.5
	Manipur	143	1	2.1	2.4	-0.3	35	0.0
	Meghalaya	271	0	4.7	-1.1	0.0	47	0.0
	Mizoram	72	1	1.2	1.3	-0.1	12	0.0
	Nagaland	106	1	2.2	1.9	0.0	27	0.0
	Tripura	222	4	4.0	3.6	0.1	57	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.9	-5.0	-15.0
Day peak (MW)	1440.0	-215.6	-655.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	214.8	-216.7	57.0	-50.1	-3.1	1.9
Actual(MU)	200.9	-212.3	57.0	-44.7	-4.2	-3.4
O/D/U/D(MU)	-13.9	4.4	0.0	5.4	-1.1	-5.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2556	14294	6560	2380	390	26179
State Sector	9135	16455	8552	4655	110	38907
Total	11691	30749	15112	7035	499	65086

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	631	1146	526	373	0	2676
Hydro	274	31	55	102	28	489
Nuclear	32	3	50	0	0	85
Gas, Naptha & Diesel	52	66	17	0	22	158
RES (Wind, Solar, Biomass & Others)	23	23	90	1	0	138
Total	1013	1269	738	476	50	3546

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 11-Sep-17
Sl 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	193	0.0	5.1	-5.1
2		SASARAM-FATEHPUR	S/C	0	0	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	347	0.0	5.5	-5.5
4	HVDC	ALIPURDUAR-AGRA	-	0	339	0.0	13.7	-13.7
5		PUSAULI B/B	S/C	0	198	0.0	5.0	-5.0
6	400 KV	PUSAULI-VARANASI	S/C	0	189	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	36	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	687	0.0	12.0	-12.0
9		PATNA-BALIA	Q/C	0	775	0.0	14.4	-14.4
10		BIHARSHARIFF-BALIA	D/C	0	246	0.0	4.0	-4.0
11		BARH-GORAKHPUR	D/C	0	0	4.2	0.0	4.2
12		BIHARSHARIFF-VARANASI	D/C	0	87	0.7	0.0	0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	188	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	0.6	0.0	0.6
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						8.5	61.6	-53.1
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.2	0.0	9.2
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	12.1	0.0	12.1
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	2.2	-2.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.5	0.0	1.5
22		IBEUL-RAIGARH	S/C	0	0	1.5	0.0	1.5
23		STERLITE-RAIGARH	D/C	0	0	4.6	0.0	4.6
24		RANCHI-SIPAT	D/C	0	0	5.8	0.0	5.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	49	0.5	0.0	0.5
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	4.6	-4.6
ER-WR						35.3	6.8	28.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.3	-10.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	294.6	0.0	13.4	-13.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1414.3	0.0	18.5	-18.5
30	400 KV	TALCHER-I/C	D/C	0.0	1231.5	0.0	12.8	-12.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	42.2	-42.2
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1604	0.0	7.3	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1313	0.0	1.9	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
ER-NER						0.0	10.6	-10.6
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.9	-16.9
NER-NR						0.0	16.9	-16.9
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2325	0.0	24.0	-24.0
37		V'CHAL B/B	D/C	400	0	7.5	0.0	7.5
38		APL -MHG	D/C	0	2014	0.0	41.5	-41.5
39	765 KV	GWALIOR-AGRA	D/C	0	2416	0.0	49.1	-49.1
40		PHAGI-GWALIOR	D/C	0	1104	0.0	23.5	-23.5
41	400 KV	ZERDA-KANKROLI	S/C	96	121	0.6	0.0	0.6
42		ZERDA -BHINMAL	S/C	164	59	0.8	0.0	0.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	238	0	2	0	2
45		BADOD-KOTA	S/C	59	0	0.7	0.0	0.7
46	220 KV	BADOD-MORAK	S/C	13	39	0.0	0.4	-0.3
47		MEHGAON-AURAIYA	S/C	87	0	1.6	0.0	1.6
48		MALANPUR-AURAIYA	S/C	46	0	0.8	0.0	0.8
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.6	138.5	-124.8
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	400	0.0	9.6	-9.6
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	944	0.0	12.4	-12.4
53		WARDHA-NIZAMABAD	D/C	0	1657	0.0	32.0	-32.0
54	400 KV	KOLHAPUR-KUDGI	D/C	319	0	3.4	0.0	3.4
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						5.4	53.9	-48.5
TRANSNATIONAL EXCHANGE								
58		BHUTAN						32.9
59		NEPAL						-5.0
60		BANGLADESH						-15.0