



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: 14th 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 13.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13-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 13th 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

14-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52737	44264	38683	20627	2369	158680
Peak Shortage (MW)	3509	698	0	0	270	4477
Energy Met (MU)	1210	1013	879	416	46	3564
Hydro Gen(MU)	263	64	85	106	27	545
Wind Gen(MU)	7	11	23	-----	-----	42
Solar Gen (MU)*	0.76	13.48	28.80	0.99	0.02	44
Energy Shortage (MU)	36.3	13.1	0.0	0.0	2.1	51.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53181	44070	38569	20616	2575	157909

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	0.052	0.00	0.27	16.08	16.34	77.78	5.88

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	9560	0	213.4	87.8	-0.1	93	0.0
	Haryana	8489	525	181.8	120.6	2.4	274	3.0
	Rajasthan	9252	0	198.9	71.8	-0.1	329	1.3
	Delhi	5583	0	115.5	90.3	0.4	185	0.1
	UP	17182	1100	384.8	180.7	4.0	784	22.4
	Uttarakhand	2015	0	42.3	12.5	2.1	191	0.0
	HP	1413	0	27.1	5.6	1.5	199	0.0
	J&K	2036	509	40.3	21.3	4.4	370	9.5
WR	Chandigarh	277	0	5.5	5.4	0.1	72	0.0
	Chhattisgarh	3793	0	86.3	31.4	0.8	645	3.3
	Gujarat	13813	0	316.3	56.2	-2.4	260	0.0
	MP	7802	0	173.5	82.9	-1.4	197	0.0
	Maharashtra	17495	561	396.4	111.3	2.0	478	9.8
	Goa	463	0	9.3	9.2	0.1	143	0.0
	DD	328	0	7.4	6.1	1.3	85	0.0
	DNH	731	0	16.6	15.8	0.8	96	0.0
SR	Essar steel	365	0	7.1	7.2	-0.1	135	0.0
	Andhra Pradesh	7398	0	159	43	3.4	686	0.0
	Telangana	9500	0	198	104	-0.5	357	0.0
	Karnataka	7812	0	164	45	4.4	577	0.0
	Kerala	3241	0	67	42	1.7	327	0.0
	Tamil Nadu	13124	0	284	145	3.2	792	0.0
ER	Pondy	326	0	7	7	0.0	26	0.0
	Bihar	4471	0	86.6	79.7	-1.3	345	0.0
	DVC	2959	0	68.4	-27.1	0.2	356	0.0
	Jharkhand	1302	0	24.2	18.1	0.5	125	0.0
	Odisha	4017	0	79.1	24.7	0.7	398	0.0
	West Bengal	8520	0	156.6	64.4	3.6	485	0.0
NER	Sikkim	99	0	1.5	1.2	0.2	20	0.0
	Arunachal Pradesh	113	2	2.1	3.0	-0.9	8	0.0
	Assam	1510	200	29.1	22.4	2.2	177	1.9
	Manipur	158	1	2.3	2.4	0.0	14	0.0
	Meghalaya	227	0	4.9	-1.1	-0.1	37	0.0
	Mizoram	87	1	1.2	1.4	-0.3	25	0.0
	Nagaland	108	3	2.1	1.9	0.0	21	0.0
	Tripura	226	2	4.0	3.8	0.2	82	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.4	-5.6	-15.0
Day peak (MW)	1498.2	-312.6	-656.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	220.8	-205.7	52.2	-64.0	-3.5	-0.3
Actual(MU)	227.5	-215.2	56.4	-60.4	-3.9	4.3
O/D/U/D(MU)	6.6	-9.5	4.2	3.7	-0.4	4.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2320	17354	5010	2380	247	27311
State Sector	9985	15874	7302	5155	110	38426
Total	12305	33228	12312	7535	357	65737

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	632	1100	579	391	5	2708
Hydro	263	64	85	106	26	545
Nuclear	28	3	49	0	0	80
Gas, Naptha & Diesel	72	74	18	0	22	186
RES (Wind, Solar, Biomass & Others)	16	25	90	1	0	132
Total	1011	1267	822	498	54	3651

*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 : 14-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	279	0.0	4.9	-4.9
2		SASARAM-FATEHPUR	S/C	0	26	2.9	0.0	2.9
3		GAYA-BALIA	S/C	0	353	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	177	0.0	7.7	-7.7
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	49	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	862	0.0	13.7	-13.7
9		PATNA-BALIA	Q/C	0	989	0.0	16.4	-16.4
10		BIHARSHARIFF-BALIA	D/C	0	297	0.0	4.5	-4.5
11		BARH-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.1	-0.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.2	-5.2
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						7.2	63.6	-56.4
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	121	4.7	0.0	4.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	212	7.7	0.0	7.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	45	0.2	0.0	0.2
21		JHARSUGUDA-RAIGARH	S/C	0	34	0.4	0.0	0.4
22		IBEUL-RAIGARH	S/C	0	0	0.4	0.0	0.4
23		STERLITE-RAIGARH	D/C	0	57	1.5	0.0	1.5
24		RANCHI-SIPAT	D/C	0	0	5.8	0.0	5.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	89	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	9	1.8	0.0	1.8
ER-WR						22.6	1.0	21.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.3	-9.3
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	2019.8	0.0	29.3	-29.3
30	400 KV	TALCHER-I/C	D/C	0.0	1038.3	0.0	11.8	-11.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	47.2	-47.2
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1140	0.0	5.3	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	926	0.0	2.5	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2
ER-NER						0.0	9.5	-9.5
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	15.6	-15.6
NER-NR						0.0	15.6	-15.6
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	3000	0.0	44.4	-44.4
37		V'CHAL B/B	D/C	500	50	8.5	0.0	8.5
38		APL -MHG	D/C	0	2024	0.0	48.6	-48.6
39	765 KV	GWALIOR-AGRA	D/C	0	2708	0.0	49.6	-49.6
40		PHAGI-GWALIOR	D/C	0	1244	0.0	21.6	-21.6
41	400 KV	ZERDA-KANKROLI	S/C	189	0	2.0	0.0	2.0
42		ZERDA -BHINMAL	S/C	142	83	0.1	0.0	0.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	255	0	2	-2
45	220 KV	BADOD-KOTA	S/C	16	57	0.5	0.0	0.4
46		BADOD-MORAK	S/C	21	47	0.1	0.3	-0.2
47		MEHGAON-AURAIYA	S/C	140	0	2.5	0.0	2.5
48		MALANPUR-AURAIYA	S/C	107	0	1.7	0.0	1.7
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						15.4	166.5	-151.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.8	-21.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	267	1251	267.0	10.3	256.7
53		WARDHA-NIZAMABAD	D/C	0	2024	0.0	26.9	-26.9
54	400 KV	KOLHAPUR-KUDGI	D/C	788	0	12.0	0.0	12.0
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						281.0	59.0	222.0
TRANSNATIONAL EXCHANGE								
58		BHUTAN						35.4
59		NEPAL						-5.6
60		BANGLADESH						-15.0