



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: 25th 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 24.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 24-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 24th 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

25-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46461	44012	38482	20757	2592	152304
Peak Shortage (MW)	509	0	0	0	103	612
Energy Met (MU)	972	985	870	427	47	3301
Hydro Gen(MU)	311	17	76	89	25	518
Wind Gen(MU)	20	31	58	-----	-----	108
Solar Gen (MU)*	2.96	14.83	28.50	0.60	0.02	47
Energy Shortage (MU)	9.5	0.0	0.0	0.0	1.1	10.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47050	44986	38447	20936	3276	150719

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	0.020	0.00	0.00	0.06	0.06	81.08	18.87

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	7599	0	166.3	97.0	0.0	172	0.0
	Haryana	6304	0	118.7	96.8	1.6	243	0.0
	Rajasthan	9372	0	200.6	84.7	1.8	425	0.0
	Delhi	3872	0	77.3	64.0	-2.9	42	0.0
	UP	15724	0	311.6	142.1	-0.3	304	0.0
	Uttarakhand	1575	0	32.4	11.2	-2.3	124	0.0
	HP	1149	0	21.1	6.4	-5.9	67	0.0
	J&K	2035	509	40.1	22.2	-0.3	351	9.5
WR	Chandigarh	191	0	3.7	6.0	-2.3	0	0.0
	Chhattisgarh	3746	0	83.8	28.4	-2.6	189	0.0
	Gujarat	14337	0	321.0	60.8	1.7	236	0.0
	MP	7702	0	163.3	89.4	0.4	290	0.0
	Maharashtra	17277	0	374.9	112.7	-1.3	614	0.0
	Goa	402	0	8.6	8.1	0.2	26	0.0
	DD	304	0	6.6	6.2	0.5	83	0.0
	DNH	738	0	16.9	16.3	0.6	72	0.0
SR	Essar steel	483	0	9.5	9.2	0.3	262	0.0
	Andhra Pradesh	7809	0	162.5	62.4	1.4	442	0.0
	Telangana	8772	0	189.7	78.6	-1.4	428	0.0
	Karnataka	7427	0	158.4	64.3	2.6	441	0.0
	Kerala	3227	0	62.7	41.6	1.2	201	0.0
	Tamil Nadu	12491	0	289.4	128.1	5.2	406	0.0
	Pondy	323	0	7.0	7.4	-0.4	39	0.0
	ER	Bihar	4696	0	89.9	81.0	3.2	345
DVC		2796	0	66.6	-21.5	2.4	350	0.0
Jharkhand		1154	0	24.1	17.2	1.0	165	0.0
Odisha		4555	0	88.0	39.5	2.0	385	0.0
West Bengal		8334	0	157.1	38.6	6.0	435	0.0
Sikkim		78	0	1.5	1.3	0.2	15	0.0
NER	Arunachal Pradesh	104	2	2.3	3.0	-0.7	3	0.0
	Assam	1625	75	29.8	22.6	1.9	164	0.9
	Manipur	145	3	2.1	2.5	-0.4	38	0.1
	Meghalaya	262	0	4.6	-0.3	-0.3	69	0.0
	Mizoram	74	1	1.3	1.4	-0.2	12	0.0
	Nagaland	115	4	2.1	2.2	-0.3	25	0.0
	Tripura	283	1	4.8	4.6	0.0	85	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	27.1	-5.4	-14.8
Day peak (MW)	1289.4	-358.3	-660.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	177.3	-198.8	69.2	-44.5	-1.0	2.2
Actual(MU)	145.2	-192.3	69.0	-14.5	-2.5	4.9
O/D/U/D(MU)	-32.1	6.5	-0.2	29.9	-1.5	2.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4097	16831	4100	1720	81	26830
State Sector	11630	15311	8002	5545	110	40598
Total	15727	32142	12102	7265	191	67428

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	453	1101	540	383	4	2480
Hydro	311	18	76	89	25	518
Nuclear	28	3	51	0	0	82
Gas, Naptha & Diesel	25	43	17	0	25	111
RES (Wind, Solar, Biomass & Others)	27	46	118	1	0	191
Total	843	1211	801	472	54	3382

*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 : 25-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	177	0.0	3.9	-3.9
2		SASARAM-FATEHPUR	S/C	0	0	5.0	0.0	5.0
3		GAYA-BALIA	S/C	0	328	0.0	5.8	-5.8
4	HVDC	ALIPURDUAR-AGRA	-	0	228	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	248	0.0	5.8	-5.8
6	400 KV	PUSAULI-VARANASI	S/C	0	221	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	74	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	505	0.0	8.7	-8.7
9		PATNA-BALIA	Q/C	0	791	0.0	13.4	-13.4
10		BIHARSHARIFF-BALIA	D/C	0	198	0.0	3.5	-3.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	4	1.4	0.0	1.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.5	-5.5
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						11.1	53.9	-42.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	16.8	0.0	16.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	14.6	0.0	14.6
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	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	4.8	0.0	4.8
23		STERLITE-RAIGARH	D/C	0	0	9.5	0.0	9.5
24		RANCHI-SIPAT	D/C	0	0	8.0	0.0	8.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	30	0.5	0.0	0.5
26		BUDHIPADAR-KORBA	D/C	0	0	4.3	0.0	4.3
ER-WR						58.6	0.0	58.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.3	-12.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	268.7	0.0	10.4	-10.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1522.1	0.0	28.9	-28.9
30	400 KV	TALCHER-I/C	D/C	0.0	1081.1	0.0	11.2	-11.2
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	51.7	-51.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1377	0.0	3.1	-3
33		ALIPURDUAR-BONGAIGAON	D/C	0	1114	0.0	4.1	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.8	-2
ER-NER						0.0	9.0	-9.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	17.1	-17.1
NER-NR						0.0	17.1	-17.1
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	300	0.0	7.8	-7.8
37		V'CHAL B/B	D/C	500	0	12.0	0.0	12.0
38		APL -MHG	D/C	0	508	0.0	12.2	-12.2
39	765 KV	GWALIOR-AGRA	D/C	0	2312	0.0	44.7	-44.7
40		PHAGI-GWALIOR	D/C	0	1340	0.0	29.1	-29.1
41	400 KV	ZERDA-KANKROLI	S/C	144	100	0.5	0.0	0.5
42		ZERDA -BHINMAL	S/C	79	144	0.0	0.6	-0.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	386	0	3	-3
45	220 KV	BADOD-KOTA	S/C	13	50	0.0	0.5	-0.5
46		BADOD-MORAK	S/C	0	85	0.0	1.4	-1.4
47		MEHGAON-AURAIYA	S/C	165	5	0.3	0.0	0.3
48		MALANPUR-AURAIYA	S/C	1	55	0.0	0.4	-0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						12.8	99.4	-86.6
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	15.0	-15.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1020	0.0	16.0	-16.0
53		WARDHA-NIZAMABAD	D/C	0	1540	0.0	26.5	-26.5
54	400 KV	KOLHAPUR-KUDGI	D/C	540	0	8.4	0.0	8.4
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						10.4	57.4	-47.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						27.1
59		NEPAL						-5.4
60		BANGLADESH						-14.8