



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: 23rd 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 22.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22-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 22nd 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

23-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46032	43678	38974	20070	2514	151268
Peak Shortage (MW)	528	10	25	200	184	948
Energy Met (MU)	1071	947	896	409	48	3370
Hydro Gen(MU)	240	20	95	112	24	490
Wind Gen(MU)	12	63	109	-----	-----	184
Solar Gen (MU)*	3.35	9.94	30.80	0.35	0.02	44
Energy Shortage (MU)	10.6	0.5	0.1	0.6	1.6	13.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51384	42749	39663	20247	2644	150810

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	0.030	0.00	0.00	7.66	7.66	84.61	7.73

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	9153	0	206.2	99.3	-0.5	138	0.0
	Haryana	7617	0	154.8	105.8	1.0	305	0.0
	Rajasthan	9665	0	203.8	71.3	1.4	434	0.0
	Delhi	5015	0	98.2	75.1	-2.9	40	0.0
	UP	15113	0	296.8	140.3	-1.3	499	0.0
	Uttarakhand	1757	0	37.6	11.6	-1.2	142	0.0
	HP	1393	0	25.6	9.1	0.0	83	0.4
	J&K	2113	528	42.7	24.2	2.1	336	10.1
WR	Chandigarh	241	0	5.0	5.7	-0.7	6	0.0
	Chhattisgarh	3485	206	78.7	22.5	0.1	347	0.5
	Gujarat	14405	0	322.8	54.6	0.3	792	0.0
	MP	7070	0	143.2	70.4	-2.0	392	0.0
	Maharashtra	17348	0	360.1	102.2	-0.2	407	0.0
	Goa	463	0	9.0	8.9	-0.1	107	0.0
	DD	332	0	7.5	6.2	1.2	76	0.0
	DNH	745	0	17.1	16.7	0.5	202	0.0
SR	Essar steel	427	0	8.6	8.1	0.6	211	0.0
	Andhra Pradesh	7720	0	162.2	53.2	3.6	747	0.0
	Telangana	9044	0	189.7	71.9	1.1	479	0.0
	Karnataka	7964	0	163.6	58.5	2.1	500	0.0
	Kerala	3412	0	65.5	38.5	1.3	244	0.0
	Tamil Nadu	13818	0	307.5	137.1	3.8	623	0.0
	Pondy	339	0	7.4	7.5	-0.1	37	0.1
	ER	Bihar	4421	0	80.6	77.1	-2.8	260
DVC		2695	0	65.6	-20.4	0.4	290	0.0
Jharkhand		1192	0	23.7	17.6	0.9	130	0.0
Odisha		4229	0	86.0	37.3	1.4	270	0.6
West Bengal		8477	0	151.4	48.2	2.8	283	0.0
Sikkim		91	0	1.2	1.0	0.2	20	0.0
NER	Arunachal Pradesh	128	7	2.2	2.5	-0.3	7	0.1
	Assam	1599	123	30.7	23.2	2.2	161	1.2
	Manipur	135	6	2.3	2.3	0.0	27	0.1
	Meghalaya	281	0	4.9	-0.9	-0.3	61	0.0
	Mizoram	71	2	1.3	1.3	-0.1	23	0.1
	Nagaland	106	4	2.2	1.8	0.1	27	0.0
	Tripura	233	2	4.4	5.5	0.6	25	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.6	-5.1	-14.7
Day peak (MW)	1487.8	-333.9	-644.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	240.4	-222.1	37.3	-55.0	-0.6	-0.1
Actual(MU)	223.1	-227.5	46.9	-46.1	0.7	-3.0
O/D/U/D(MU)	-17.3	-5.4	9.6	8.9	1.3	-2.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3607	17764	4760	2220	56	28408
State Sector	10175	15385	10662	5965	110	42297
Total	13782	33149	15422	8185	166	70705

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	548	1064	514	372	5	2503
Hydro	240	21	95	112	24	490
Nuclear	23	3	51	0	0	77
Gas, Naptha & Diesel	37	46	17	0	23	123
RES (Wind, Solar, Biomass & Others)	21	73	179	0	0	273
Total	869	1206	856	484	51	3466

*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 : 23-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	192	0.0	3.9	-3.9
2		SASARAM-FATEHPUR	S/C	0	0	3.1	0.0	3.1
3		GAYA-BALIA	S/C	0	243	0.0	3.1	-3.1
4	HVDC	ALIPURDUAR-AGRA	-	0	228	0.0	11.5	-11.5
5		PUSAULI B/B	S/C	0	247	0.0	6.2	-6.2
6	400 KV	PUSAULI-VARANASI	S/C	0	223	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	75	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	599	0.0	10.2	-10.2
9		PATNA-BALIA	Q/C	0	1242	0.0	23.8	-23.8
10		BIHARSHARIFF-BALIA	D/C	0	185	0.0	2.6	-2.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.1	-0.1
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.4	-5.4
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						7.3	66.8	-59.5
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	4	13.8	0.0	13.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.1	0.0	9.1
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	8.2	0.0	8.2
24		RANCHI-SIPAT	D/C	0	0	7.5	0.0	7.5
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	44	0.0	0.1	-0.1
26		BUDHIPADAR-KORBA	D/C	0	0	4.6	0.0	4.6
ER-WR						46.7	0.1	46.6
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.4	-14.4
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	162.3	0.0	7.3	-7.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2309.0	0.0	32.7	-32.7
30	400 KV	TALCHER-I/C	D/C	0.0	1328.7	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	54.4	-54.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1407	0.0	5.5	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	1148	0.0	3.0	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
ER-NER						0.0	10.4	-10.4
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	700	0.0	13.8	-13.8
NER-NR						0.0	13.8	-13.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2500	0.0	52.1	-52.1
37		V'CHAL B/B	D/C	500	0	10.4	0.0	10.4
38		APL -MHG	D/C	0	2518	0.0	39.5	-39.5
39	765 KV	GWALIOR-AGRA	D/C	0	2772	0.0	44.9	-44.9
40		PHAGI-GWALIOR	D/C	0	1238	0.0	23.9	-23.9
41	400 KV	ZERDA-KANKROLI	S/C	200	9	1.5	0.0	1.5
42		ZERDA -BHINMAL	S/C	219	108	0.4	0.0	0.4
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	305	0	3	-3
45	220 KV	BADOD-KOTA	S/C	21	38	0.1	0.3	-0.2
46		BADOD-MORAK	S/C	0	89	0.0	1.0	-1.0
47		MEHGAON-AURAIYA	S/C	25	16	0.2	0.1	0.1
48		MALANPUR-AURAIYA	S/C	5	35	0.0	0.3	-0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						12.6	164.8	-152.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	500	100	3.7	1.6	2.1
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	918	0.0	12.9	-12.9
53		WARDHA-NIZAMABAD	D/C	0	1617	0.0	26.6	-26.6
54	400 KV	KOLHAPUR-KUDGI	D/C	594	0	10.5	0.0	10.5
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						16.2	41.1	-24.9
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.6
59		NEPAL						-5.1
60		BANGLADESH						-14.7