



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: 17th 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 16.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-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 16th 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

17-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53857	42747	36323	20075	2619	155621
Peak Shortage (MW)	1978	676	0	300	170	3123
Energy Met (MU)	1213	991	817	435	48	3504
Hydro Gen(MU)	247	18	56	104	21	446
Wind Gen(MU)	5	19	88	-----	-----	113
Solar Gen (MU)*	6.56	11.00	27.90	1.19	0.02	47
Energy Shortage (MU)	29.1	7.9	0.0	0.9	1.5	39.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	54310	42772	36691	20826	2765	156296

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	0.044	0.00	0.50	11.76	12.26	77.41	10.34

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	9170	0	209.3	97.0	1.0	366	0.0
	Haryana	8454	325	181.2	111.9	1.7	293	0.2
	Rajasthan	9196	120	200.1	75.0	3.6	349	9.3
	Delhi	5366	0	106.7	79.5	-1.8	246	0.0
	UP	17902	1230	401.4	194.4	1.4	750	10.1
	Uttarakhand	2033	0	42.0	12.3	2.2	263	0.0
	HP	1342	0	27.3	7.4	2.8	203	0.0
	J&K	2047	512	40.2	22.0	3.5	339	9.5
WR	Chandigarh	272	0	5.2	5.6	-0.4	15	0.0
	Chhattisgarh	3933	0	93.8	31.9	0.3	207	1.0
	Gujarat	13979	0	307.9	42.7	-0.1	321	0.0
	MP	7696	0	170.0	105.3	0.6	403	0.0
	Maharashtra	16680	686	378.5	106.3	-1.8	375	6.9
	Goa	388	0	9.3	9.4	-0.3	50	0.0
	DD	322	0	7.4	6.4	1.0	92	0.0
	DNH	744	0	17.0	16.3	0.8	62	0.0
SR	Essar steel	406	0	7.6	7.8	-0.2	156	0.0
	Andhra Pradesh	6976	0	151.1	42.8	2.0	604	0.0
	Telangana	8051	0	170.8	80.5	-1.8	200	0.0
	Karnataka	7030	0	146.7	32.2	1.4	376	0.0
	Kerala	3030	0	64.0	42.5	1.5	244	0.0
	Tamil Nadu	12609	0	277.5	120.9	0.7	540	0.0
ER	Pondy	314	0	6.8	7.1	-0.3	38	0.0
	Bihar	4292	0	86.7	83.7	-1.3	10	0.0
	DVC	2985	0	67.3	-30.2	1.7	200	0.0
	Jharkhand	1167	0	26.7	18.9	1.3	190	0.0
	Odisha	4381	200	91.1	33.9	1.7	600	0.9
	West Bengal	8262	0	162.0	66.2	1.6	400	0.0
NER	Sikkim	74	0	1.2	1.0	0.2	15	0.0
	Arunachal Pradesh	108	7	2.3	2.4	-0.1	3	0.1
	Assam	1651	138	30.2	21.7	4.0	244	1.4
	Manipur	144	4	2.2	2.1	0.1	31	0.0
	Meghalaya	265	0	4.4	-1.0	0.3	66	0.0
	Mizoram	78	3	1.2	1.1	0.0	10	0.0
	Nagaland	113	4	2.0	1.5	0.3	21	0.0
Tripura	273	1	5.3	3.6	1.3	85	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	29.1	-4.5	-14.2
Day peak (MW)	1247.4	-314.4	-623.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	260.5	-228.7	17.9	-45.5	-1.6	2.6
Actual(MU)	261.1	-243.6	12.5	-36.5	3.3	-3.2
O/D/U/D(MU)	0.6	-14.9	-5.4	8.9	4.9	-5.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2816	14629	5010	2380	176	25011
State Sector	8465	15534	7972	4955	110	37036
Total	11281	30163	12982	7335	286	62047

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	612	1147	546	386	5	2696
Hydro	247	18	56	104	21	446
Nuclear	28	3	43	0	0	74
Gas, Naptha & Diesel	69	67	17	0	22	176
RES (Wind, Solar, Biomass & Others)	19	30	155	1	0	205
Total	974	1265	818	492	49	3597

*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 : 17-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	221	0.0	5.9	-5.9
2		SASARAM-FATEHPUR	S/C	0	0	3.2	0.0	3.2
3		GAYA-BALIA	S/C	0	379	0.0	7.2	-7.2
4	HVDC	ALIPURDUAR-AGRA	-	0	253	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	198	0.0	4.2	-4.2
6	400 KV	PUSAULI-VARANASI	S/C	0	195	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	48	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	730	0.0	12.5	-12.5
9		PATNA-BALIA	Q/C	0	810	0.0	15.4	-15.4
10		BIHARSHARIFF-BALIA	D/C	0	287	0.0	5.5	-5.5
11		BARH-GORAKHPUR	D/C	0	0	3.5	0.0	3.5
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.6	0.0	1.6
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	0.5	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						8.9	63.5	-54.6
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	217	1.4	0.0	1.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	11.7	0.0	11.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.0	0.0	0.0
21		JHARSUGUDA-RAIGARH	S/C	0	8	0.0	0.0	0.0
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3
23		STERLITE-RAIGARH	D/C	0	0	6.2	0.0	6.2
24		RANCHI-SIPAT	D/C	0	0	8.9	0.0	8.9
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	68	0.2	0.2	0.1
26		BUDHIPADAR-KORBA	D/C	0	0	5.0	0.0	5.0
ER-WR						34.7	0.2	34.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.5	-12.5
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	160.9	0.0	6.4	-6.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	613.7	0.0	12.0	-12.0
30	400 KV	TALCHER-I/C	D/C	0.0	1225.0	0.0	19.0	-19.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	30.9	-30.9
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1278	0.0	8.4	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	1030	0.0	6.1	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.2	-2
ER-NER						0.0	16.7	-16.7
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	69.4	-69.4
37		V'CHAL B/B	D/C	500	0	6.7	0.0	6.7
38		APL -MHG	D/C	0	2518	0.0	54.9	-54.9
39	765 KV	GWALIOR-AGRA	D/C	0	2856	0.0	57.5	-57.5
40		PHAGI-GWALIOR	D/C	0	1424	0.0	27.7	-27.7
41	400 KV	ZERDA-KANKROLI	S/C	192	0	2.8	0.0	2.8
42		ZERDA -BHINMAL	S/C	152	49	1.1	0.0	1.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	0	0	2	-2
45	220 KV	BADOD-KOTA	S/C	59	2	0.7	0.0	0.7
46		BADOD-MORAK	S/C	19	48	0.1	0.3	-0.2
47		MEHGAON-AURAIYA	S/C	83	43	1.3	0.0	1.3
48		MALANPUR-AURAIYA	S/C	31	0	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.0	212.0	-199.0
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	300	0.0	7.2	-7.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	818	549	818.0	5.0	813.0
53		WARDHA-NIZAMABAD	D/C	0	1176	0.0	17.3	-17.3
54	400 KV	KOLHAPUR-KUDGI	D/C	770	0	14.2	0.0	14.2
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						834.2	29.5	804.7
TRANSNATIONAL EXCHANGE								
58		BHUTAN						29.1
59		NEPAL						-4.5
60		BANGLADESH						-14.2