



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: 08th 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 07.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 07-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 07th 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

8-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51821	44458	36199	19845	2588	154911
Peak Shortage (MW)	1394	767	0	0	155	2316
Energy Met (MU)	1119	1026	823	422	45	3436
Hydro Gen(MU)	297	48	59	108	25	538
Wind Gen(MU)	11	16	19	-----	-----	46
Solar Gen (MU)*	3.31	13.38	27.90	1.34	0.02	46
Energy Shortage (MU)	9.1	6.2	0.0	0.0	1.7	17.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52446	44274	36548	20446	2686	155371

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	0.080	0.00	1.56	27.73	29.29	68.82	1.89

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	8805	0	193.4	111.4	-0.9	104	0.0
	Haryana	7756	0	149.3	101.7	0.3	177	0.0
	Rajasthan	9227	0	200.3	65.1	-1.5	215	0.0
	Delhi	4961	0	103.1	81.9	-1.4	174	0.0
	UP	16861	690	367.1	165.6	0.7	241	0.0
	Uttarakhand	1881	0	38.3	10.6	-0.5	105	0.0
	HP	1315	0	24.9	1.7	0.1	108	0.0
	J&K	2016	504	37.9	13.6	2.2	392	9.0
WR	Chandigarh	274	0	5.1	5.7	-0.5	5	0.0
	Chhattisgarh	3881	0	91.5	26.2	1.8	443	6.2
	Gujarat	12954	0	285.1	59.7	3.0	330	0.0
	MP	8243	0	178.4	109.1	2.7	322	0.0
	Maharashtra	19900	0	435.8	119.9	3.6	489	0.0
	Goa	516	0	9.9	10.0	-0.1	90	0.0
	DD	313	0	6.9	6.0	0.9	72	0.0
	DNH	750	0	17.3	15.4	1.9	84	0.0
SR	Essar steel	90	0	1.4	1.5	-0.2	151	0.0
	Andhra Pradesh	6845	0	146	43	0.1	414	0.0
	Telangana	7843	0	169	82	-3.4	243	0.0
	Karnataka	7325	0	157	62	3.1	395	0.0
	Kerala	3136	0	65	43	1.4	249	0.0
	Tamil Nadu	12734	0	278	146	4.2	519	0.0
	Pondy	356	0	7	7	0.0	43	0.0
	ER	Bihar	4177	0	83.5	77.6	1.1	350
DVC		2919	0	66.3	-29.4	0.4	450	0.0
Jharkhand		1137	0	23.9	16.0	1.7	280	0.0
Odisha		4235	0	82.8	28.6	1.1	420	0.0
West Bengal		8452	0	164.4	62.0	2.3	300	0.0
Sikkim		95	0	1.2	1.1	0.1	14	0.0
NER	Arunachal Pradesh	111	3	2.1	2.4	-0.2	13	0.0
	Assam	1634	130	28.8	21.5	2.4	156	1.6
	Manipur	151	4	2.2	2.1	0.2	26	0.0
	Meghalaya	272	0	4.4	-1.6	-0.7	12	0.0
	Mizoram	76	4	1.3	1.2	0.0	30	0.0
	Nagaland	118	2	2.1	1.8	0.1	26	0.0
	Tripura	236	2	4.1	3.0	0.7	48	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.3	-5.0	-14.7
Day peak (MW)	1600.1	-370.3	-639.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.8	-205.3	68.1	-63.9	2.9	3.6
Actual(MU)	188.2	-197.3	65.3	-55.5	3.7	4.4
O/D/U/D(MU)	-13.6	8.0	-2.8	8.4	0.8	0.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3607	15865	4760	2880	528	27640
State Sector	9485	16243	9332	4155	110	39325
Total	13092	32108	14092	7035	637	66965

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	575	1131	552	392	5	2654
Hydro	297	49	59	108	25	538
Nuclear	32	3	49	0	0	84
Gas, Naptha & Diesel	33	56	16	0	15	120
RES (Wind, Solar, Biomass & Others)	22	29	87	1	0	139
Total	959	1268	762	501	45	3536

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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 : 8-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	210	0.0	4.6	-4.6
2		SASARAM-FATEHPUR	S/C	0	0	3.2	0.0	3.2
3		GAYA-BALIA	S/C	0	313	0.0	5.9	-5.9
4	HVDC	ALIPURDUAR-AGRA	-	0	278	0.0	8.3	-8.3
5		PUSAULI B/B	S/C	0	198	0.0	4.6	-4.6
6	400 KV	PUSAULI-VARANASI	S/C	0	186	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	52	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	709	0.0	11.9	-11.9
9		PATNA-BALIA	Q/C	0	808	0.0	15.2	-15.2
10		BIHARSHARIFF-BALIA	D/C	0	256	0.0	4.1	-4.1
11		BARH-GORAKHPUR	D/C	0	0	4.2	0.0	4.2
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.5	0.0	0.5
13	220 KV	PUSAULI-SAHUPURI	S/C	0	181	0.0	3.4	-3.4
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						8.4	58.0	-49.7
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	39	5.3	0.0	5.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	118	7.0	0.0	7.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	71	0.0	1.1	-1.1
21		JHARSUGUDA-RAIGARH	S/C	0	51	0.6	0.0	0.6
22		IBEUL-RAIGARH	S/C	0	0	0.6	0.0	0.6
23		STERLITE-RAIGARH	D/C	0	59	0.8	0.0	0.8
24		RANCHI-SIPAT	D/C	0	16	3.6	0.0	3.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	104	0.0	0.9	-0.9
26		BUDHIPADAR-KORBA	D/C	0	0	2.9	0.0	2.9
ER-WR						20.9	2.0	19.0
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.5	-11.5
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	296.0	0.0	12.3	-12.3
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1518.0	0.0	29.3	-29.3
30	400 KV	TALCHER-I/C	D/C	0.0	1053.7	0.0	17.1	-17.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	53.1	-53.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1206	0.0	8.1	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	989	0.0	5.0	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2
ER-NER						0.0	15.0	-15.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	10.8	-10.8
NER-NR						0.0	10.8	-10.8
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	3000	0.0	20.9	-20.9
37		V'CHAL B/B	D/C	500	0	7.3	0.0	7.3
38		APL -MHG	D/C	0	2015	0.0	43.9	-43.9
39	765 KV	GWALIOR-AGRA	D/C	0	2436	0.0	46.0	-46.0
40		PHAGI-GWALIOR	D/C	0	1026	0.0	19.6	-19.6
41	400 KV	ZERDA-KANKROLI	S/C	238	40	2.6	0.0	2.6
42		ZERDA -BHINMAL	S/C	190	95	1.0	0.0	1.0
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	255	0	1	-1
45	220 KV	BADOD-KOTA	S/C	90	0	1.0	0.0	1.0
46		BADOD-MORAK	S/C	42	20	0.2	0.2	0.0
47		MEHGAON-AURAIYA	S/C	53	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	16	10	0.1	0.1	0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.0	131.9	-118.9
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	14.4	-14.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1360	0.0	19.7	-19.7
53		WARDHA-NIZAMABAD	D/C	0	1618	0.0	29.6	-29.6
54	400 KV	KOLHAPUR-KUDGI	D/C	281	0	4.4	0.0	4.4
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						6.4	63.6	-57.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.3
59		NEPAL						-5.0
60		BANGLADESH						-14.7