



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: 06th 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 05.09.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-सितंबर-2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 05th September 2017, is available at the NLDC website.

धन्यवाद,



पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

6-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	49734	40624	36758	20386	2526	150028
Peak Shortage (MW)	1526	53	0	580	172	2330
Energy Met (MU)	1089	960	849	414	48	3361
Hydro Gen(MU)	293	30	61	118	26	527
Wind Gen(MU)	28	40	32	-----	-----	100
Solar Gen (MU)*	3.48	12.37	24.80	1.35	0.02	42
Energy Shortage (MU)	10.1	1.6	0.0	1.7	1.2	14.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50712	41590	37583	20290	2727	151715

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	0.056	0.00	0.45	17.97	18.43	76.96	4.62

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	7629	0	161.2	100.0	0.8	164	0.0
	Haryana	7774	0	147.3	104.5	1.3	263	0.0
	Rajasthan	8856	0	192.8	59.3	-0.8	259	0.0
	Delhi	5079	0	105.1	83.3	-0.7	181	0.1
	UP	17279	820	373.0	170.2	0.0	326	0.0
	Uttarakhand	1840	0	38.3	10.4	-1.0	70	0.0
	HP	1051	0	25.0	0.7	1.4	256	0.1
	J&K	2103	526	41.6	14.2	3.6	430	9.9
WR	Chandigarh	261	0	5.3	5.7	-0.4	24	0.0
	Chhattisgarh	4002	0	92.9	31.1	2.1	397	1.6
	Gujarat	10875	0	249.7	45.6	-1.8	557	0.0
	MP	8061	0	176.1	104.6	-0.1	463	0.0
	Maharashtra	18542	0	405.9	130.9	0.6	376	0.0
	Goa	470	0	9.6	9.0	0.6	79	0.0
	DD	305	0	6.9	6.3	0.6	50	0.0
	DNH	725	0	16.9	16.9	0.0	37	0.0
SR	Essar steel	106	0	1.8	1.9	-0.1	135	0.0
	Andhra Pradesh	7055	0	149	44	0.7	749	0.0
	Telangana	8601	0	181	90	-1.2	453	0.0
	Karnataka	8266	0	176	69	2.6	625	0.0
	Kerala	3107	0	62	43	1.5	242	0.0
	Tamil Nadu	12870	0	276	138	1.5	622	0.0
	Pondy	353	0	7	7	-0.4	65	0.0
	ER	Bihar	4348	0	84.6	77.5	0.3	365
DVC		2785	0	62.4	-28.1	0.6	345	0.8
Jharkhand		1307	0	25.9	18.2	1.0	172	0.0
Odisha		4080	0	80.1	28.9	-1.0	413	0.6
West Bengal		8476	0	160.0	60.0	3.1	465	0.0
Sikkim		89	0	1.3	1.1	0.2	20	0.0
NER	Arunachal Pradesh	117	2	2.1	2.4	-0.3	11	0.0
	Assam	1697	47	31.0	23.2	2.8	124	1.0
	Manipur	145	3	2.2	2.3	-0.2	9	0.0
	Meghalaya	310	0	5.2	-1.3	-0.8	76	0.0
	Mizoram	75	1	1.4	1.3	0.0	30	0.0
	Nagaland	111	1	2.2	1.9	0.0	21	0.0
	Tripura	188	1	4.0	3.3	-0.1	46	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.8	-7.1	-13.3
Day peak (MW)	1515.7	-315.6	-626.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.2	-203.3	72.7	-64.1	8.8	3.3
Actual(MU)	183.6	-210.8	70.3	-58.3	9.5	-5.6
O/D/U/D(MU)	-5.6	-7.5	-2.4	5.9	0.7	-8.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4147	15596	4510	2110	866	27229
State Sector	9320	17645	10452	5575	110	43102
Total	13467	33241	14962	7685	975	70331

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	523	1073	561	391	5	2552
Hydro	293	29	61	118	26	527
Nuclear	32	3	48	0	0	84
Gas, Naptha & Diesel	35	52	17	0	12	116
RES (Wind, Solar, Biomass & Others)	40	52	99	1	0	193
Total	922	1211	785	511	42	3471

*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 : 6-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	225	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	352	0.0	6.6	-6.6
4	HVDC	ALIPURDUAR-AGRA	-	0	286	0.0	12.2	-12.2
5		PUSAULI B/B	S/C	0	198	0.0	5.0	-5.0
6	400 KV	PUSAULI-VARANASI	S/C	0	177	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	53	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	619	0.0	10.1	-10.1
9		PATNA-BALIA	Q/C	0	775	0.0	13.3	-13.3
10		BIHARSHARIFF-BALIA	D/C	0	242	0.0	4.1	-4.1
11		BARH-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	63	0.4	0.0	0.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	151	0.0	3.0	-3.0
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						8.1	60.1	-52.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	10.4	0.0	10.4
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	27	9.9	0.0	9.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	21	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	20	0.9	0.0	0.9
22		IBEUL-RAIGARH	S/C	0	0	0.9	0.0	0.9
23		STERLITE-RAIGARH	D/C	0	16	1.0	0.0	1.0
24		RANCHI-SIPAT	D/C	0	0	4.9	0.0	4.9
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	83	0.0	0.7	-0.7
26		BUDHIPADAR-KORBA	D/C	0	0	3.3	0.0	3.3
ER-WR						33.0	0.7	32.3
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.3	-13.3
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	267.3	0.0	12.2	-12.2
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2403.1	0.0	36.9	-36.9
30	400 KV	TALCHER-I/C	D/C	0.0	1462.6	0.0	21.1	-21.1
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	62.4	-62.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1770	0.0	10.4	-10
33		ALIPURDUAR-BONGAIGAON	D/C	0	1437	0.0	6.1	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.4	-2
ER-NER						0.0	18.9	-18.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	10.9	-10.9
NER-NR						0.0	10.9	-10.9
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	22.8	-22.8
37		V'CHAL B/B	D/C	500	0	11.0	0.0	11.0
38		APL -MHG	D/C	0	2416	0.0	44.7	-44.7
39	765 KV	GWALIOR-AGRA	D/C	0	2722	0.0	52.5	-52.5
40		PHAGI-GWALIOR	D/C	0	1164	0.0	21.8	-21.8
41	400 KV	ZERDA-KANKROLI	S/C	197	0	2.3	0.0	2.3
42		ZERDA -BHINMAL	S/C	184	50	1.8	0.0	1.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	181	0	1	-1
45	220 KV	BADOD-KOTA	S/C	67	0	0.8	0.0	0.8
46		BADOD-MORAK	S/C	20	21	0.1	0.2	-0.1
47		MEHGAON-AURAIYA	S/C	47	0	0.6	0.0	0.6
48		MALANPUR-AURAIYA	S/C	10	15	0.0	0.2	-0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						16.6	142.8	-126.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.3	-18.3
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1275	0.0	13.7	-13.7
53		WARDHA-NIZAMABAD	D/C	0	1845	0.0	30.9	-30.9
54	400 KV	KOLHAPUR-KUDGI	D/C	537	0	8.2	0.0	8.2
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						10.2	62.8	-52.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.8
59		NEPAL						-7.1
60		BANGLADESH						-13.3