



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: 07th 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., डोंगतेह, 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 06.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 06-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 06th 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

7-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	50382	44292	36301	19967	2587	153529
Peak Shortage (MW)	1569	114	1150	0	139	2972
Energy Met (MU)	1124	998	820	417	48	3407
Hydro Gen(MU)	295	41	62	109	29	536
Wind Gen(MU)	21	28	32	-----	-----	81
Solar Gen (MU)*	3.88	12.73	21.40	1.32	0.02	39
Energy Shortage (MU)	9.8	0.7	0.0	0.0	1.2	11.7
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51085	45615	37591	20286	2696	154429

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	0.050	0.00	0.64	13.24	13.88	80.23	5.89

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	7609	0	175.3	100.7	-0.1	191	0.0
	Haryana	7843	263	156.2	110.6	1.7	225	0.1
	Rajasthan	8902	203	198.6	64.8	-0.1	352	0.5
	Delhi	5206	0	108.0	82.2	-0.5	195	0.1
	UP	17187	625	376.8	177.6	-0.4	235	0.0
	Uttarakhand	1851	0	39.5	10.5	0.2	123	0.0
	HP	1393	0	26.1	1.7	0.6	213	0.0
	J&K	1807	452	38.2	13.5	1.4	187	9.1
	Chandigarh	279	0	5.5	6.0	-0.5	9	0.0
	Chhattisgarh	3954	0	94.9	33.4	0.1	443	0.7
WR	Gujarat	12178	0	264.9	46.2	1.3	330	0.0
	MP	7998	0	175.2	106.2	-0.6	322	0.0
	Maharashtra	19694	0	428.4	129.0	1.7	489	0.0
	Goa	474	0	9.6	9.6	-0.1	90	0.0
	DD	313	0	6.9	6.4	0.5	72	0.0
	DNH	740	0	17.1	15.8	1.3	84	0.0
	Essar steel	121	0	1.2	1.4	-0.1	151	0.0
	Andhra Pradesh	6812	0	146	42	-0.4	598	0.0
	Telangana	7392	0	170	83	-0.5	407	0.0
	Karnataka	7760	0	165	68	3.5	460	0.0
SR	Kerala	3235	0	64	43	1.6	196	0.0
	Tamil Nadu	12538	0	269	139	0.8	829	0.0
	Pondy	347	0	7	7	-0.1	44	0.0
	Bihar	4256	0	84.1	78.4	-0.1	300	0.0
	DVC	2855	0	64.8	-30.5	1.4	400	0.0
	Jharkhand	1227	0	24.8	18.9	-0.4	70	0.0
	Odisha	4154	0	80.0	29.2	1.7	350	0.0
	West Bengal	8430	0	162.3	61.5	4.0	400	0.0
	Sikkim	95	0	1.2	1.1	0.1	15	0.0
	NER	Arunachal Pradesh	119	2	2.1	3.0	-0.9	13
Assam		1665	70	30.7	23.6	2.6	156	1.0
Manipur		147	2	2.1	2.3	-0.2	26	0.0
Meghalaya		289	0	5.1	-1.1	-0.9	12	0.0
Mizoram		77	2	1.3	1.4	-0.2	30	0.0
Nagaland		112	2	2.2	2.0	0.0	26	0.0
Tripura		235	4	4.1	3.3	0.2	48	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.6	-6.2	-14.8
Day peak (MW)	1533.6	-387.6	-638.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	203.7	-216.1	75.1	-71.5	7.7	-1.1
Actual(MU)	189.8	-217.0	77.9	-61.0	6.9	-3.4
O/D/U/D(MU)	-14.0	-0.9	2.8	10.6	-0.8	-2.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3937	15596	4510	2110	634	26787
State Sector	10425	16973	10402	4905	110	42815
Total	14362	32569	14912	7015	743	69602

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	550	1119	535	394	5	2603
Hydro	295	41	62	109	29	536
Nuclear	32	3	49	0	0	84
Gas, Naptha & Diesel	42	54	16	0	12	124
RES (Wind, Solar, Biomass & Others)	33	40	92	1	0	167
Total	953	1258	754	505	45	3513

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/ओ एम/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिड)०/मुख्य कार्यपालक अधिकारी(पोसोके),सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	7-Sep-17
								Import-(+ve) /Export =(-ve) for NET (MU)	
Sl No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	194	0.0	4.4	-4.4	
2		SASARAM-FATEHPUR	S/C	0	0	3.4	0.0	3.4	
3		GAYA-BALIA	S/C	0	309	0.0	4.7	-4.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	419	0.0	12.8	-12.8	
5		PUSAULI B/B	S/C	0	199	0.0	4.7	-4.7	
6	400 KV	PUSAULI-VARANASI	S/C	0	187	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	59	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	720	0.0	11.6	-11.6	
9		PATNA-BALIA	Q/C	0	798	0.0	14.9	-14.9	
10		BIHARSHARIFF-BALIA	D/C	0	289	0.0	3.9	-3.9	
11		BARH-GORAKHPUR	D/C	0	0	3.9	0.0	3.9	
12	BIHARSHARIFF-VARANASI	D/C	0	33	0.5	0.0	0.5		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	157	0.0	3.1	-3.1	
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						8.3	60.1	-51.8	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.7	0.0	9.7	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	224	6.3	0.0	6.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	96	1.6	0.0	1.6	
21		JHARSUGUDA-RAIGARH	S/C	0	77	1.0	0.0	1.0	
22		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0	
23		STERLITE-RAIGARH	D/C	0	75	0.9	0.0	0.9	
24		RANCHI-SIPAT	D/C	0	9	4.4	0.0	4.4	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	102	0.0	1.3	-1.3	
26		BUDHIPADAR-KORBA	D/C	0	0	2.8	0.0	2.8	
ER-WR						27.7	1.3	26.4	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.7	-13.7	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.1	0.0	11.7	-11.7	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2403.1	0.0	38.5	-38.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1280.6	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	63.9	-63.9	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1594	0.0	8.7	-9	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1301	0.0	4.0	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.1	-2	
ER-NER						0.0	14.8	-14.8	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	10.0	-10.0	
NER-NR						0.0	10.0	-10.0	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	3000	0.0	26.8	-26.8	
37		VCHAL B/B	D/C	200	50	3.1	0.3	2.8	
38		APL -MHG	D/C	0	2225	0.0	53.4	-53.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2418	0.0	45.4	-45.4	
40		PHAGI-GWALIOR	D/C	0	1082	0.0	18.8	-18.8	
41	400 KV	ZERDA-KANKROLI	S/C	242	0	3.2	0.0	3.2	
42		ZERDA -BHINMAL	S/C	242	84	2.3	0.0	2.3	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	176	0	0	0	
45		BADOD-KOTA	S/C	87	0	1.2	0.0	1.2	
46		BADOD-MORAK	S/C	40	20	0.2	0.1	0.1	
47		MEHGAON-AURAIYA	S/C	68	0	1.0	0.0	1.0	
48		MALANPUR-AURAIYA	S/C	35	5	0.3	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						11.2	145.0	-133.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.1	-18.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	0	1262	0.0	16.4	-16.4	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1704	0.0	30.4	-30.4	
54		KOLHAPUR-KUDGI	D/C	396	0	5.6	0.0	5.6	
55	400 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						7.6	64.9	-57.3	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						36.6	
59		NEPAL						-6.2	
60		BANGLADESH						-14.8	