



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: 10th 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 09.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 09-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 09th 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

10-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	53059	43998	36972	19601	2449	156079
Peak Shortage (MW)	2231	279	281	650	232	3672
Energy Met (MU)	1179	1027	817	420	45	3488
Hydro Gen(MU)	276	39	74	113	26	529
Wind Gen(MU)	10	12	17	-----	-----	39
Solar Gen (MU)*	3.88	12.74	27.60	1.37	0.01	46
Energy Shortage (MU)	16.9	5.9	0.0	2.0	2.0	26.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53788	43688	37463	20168	2664	156220

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	0.076	0.00	2.09	22.95	25.05	73.18	1.77

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	9074	0	204.9	97.3	-0.2	132	0.0
	Haryana	8183	68	164.4	113.3	0.9	206	0.1
	Rajasthan	9629	147	213.0	70.5	-2.6	108	0.2
	Delhi	5080	0	105.3	80.6	0.2	189	0.0
	UP	16821	1380	379.8	178.1	1.0	438	7.2
	Uttarakhand	1946	0	39.9	11.5	0.4	132	0.0
	HP	1371	0	27.2	3.8	1.9	257	0.0
	J&K	2036	509	39.7	16.0	3.8	461	9.4
WR	Chandigarh	248	0	5.1	5.2	-0.2	16	0.0
	Chhattisgarh	3803	283	88.4	27.6	-1.1	288	5.9
	Gujarat	13922	0	308.6	65.7	0.2	330	0.0
	MP	8063	0	185.6	118.2	2.5	631	0.0
	Maharashtra	17854	0	407.1	114.1	0.4	392	0.0
	Goa	435	0	9.4	8.8	0.6	124	0.0
	DD	307	0	7.0	6.1	0.9	81	0.0
	DNH	745	0	17.2	16.3	0.8	75	0.0
SR	Essar steel	272	0	3.4	4.1	-0.8	162	0.0
	Andhra Pradesh	6947	0	146	40	3.0	555	0.0
	Telangana	8474	0	179	97	0.7	408	0.0
	Karnataka	7445	0	148	48	1.5	357	0.0
	Kerala	3206	0	64	42	1.3	315	0.0
	Tamil Nadu	12568	0	272	144	2.1	610	0.0
	Pondy	318	0	7	7	-0.1	27	0.0
	ER	Bihar	4255	100	79.5	74.9	-1.1	140
DVC		2992	50	66.1	-29.2	1.3	400	0.5
Jharkhand		1156	0	24.4	16.1	0.6	200	0.0
Odisha		4186	0	87.1	32.7	2.2	280	1.2
West Bengal		8473	0	162.2	56.7	2.7	300	0.0
Sikkim		70	0	1.1	1.0	0.1	10	0.0
NER	Arunachal Pradesh	111	2	2.1	2.7	-0.6	22	0.0
	Assam	1526	167	27.8	21.4	2.0	135	1.8
	Manipur	151	2	2.1	2.4	-0.3	35	0.0
	Meghalaya	281	0	5.0	-1.7	-0.2	47	0.0
	Mizoram	77	1	1.3	1.3	0.0	12	0.0
	Nagaland	114	1	2.0	2.1	-0.3	27	0.0
	Tripura	237	11	4.2	3.4	0.6	57	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.7	-4.9	-14.9
Day peak (MW)	1568.5	-329.5	-643.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	208.9	-203.3	58.5	-59.8	-2.8	1.5
Actual(MU)	195.7	-203.3	56.4	-51.7	-3.2	-6.1
O/D/U/D(MU)	-13.3	0.0	-2.1	8.1	-0.4	-7.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2686	15174	6060	2380	390	26689
State Sector	9735	15554	9012	4365	110	38776
Total	12421	30728	15072	6745	499	65465

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	620	1131	537	386	4	2678
Hydro	276	39	74	113	26	528
Nuclear	32	3	49	0	0	85
Gas, Naptha & Diesel	50	73	17	0	22	162
RES (Wind, Solar, Biomass & Others)	22	25	87	1	0	135
Total	1001	1271	764	501	52	3588

*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 : 10-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	221	0.0	6.0	-6.0
2		SASARAM-FATEHPUR	S/C	0	0	2.8	0.0	2.8
3		GAYA-BALIA	S/C	0	323	0.0	6.0	-6.0
4	HVDC	ALIPURDUAR-AGRA	-	0	340	0.0	11.3	-11.3
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8
6	400 KV	PUSAULI-VARANASI	S/C	0	190	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	44	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	730	0.0	12.4	-12.4
9		PATNA-BALIA	Q/C	0	828	0.0	16.5	-16.5
10		BIHARSHARIFF-BALIA	D/C	0	259	0.0	4.3	-4.3
11		BARH-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12		BIHARSHARIFF-VARANASI	D/C	0	83	0.0	0.0	0.0
13	220 KV	PUSAULI-SAHUPURI	S/C	0	190	0.0	3.9	-3.9
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	0.0	0.6
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						7.4	65.1	-57.7
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	91	2.9	0.0	2.9
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	274	4.6	0.0	4.6
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	89	0.0	0.6	-0.6
21		JHARSUGUDA-RAIGARH	S/C	0	81	0.2	0.0	0.2
22		IBEUL-RAIGARH	S/C	0	0	0.3	0.0	0.3
23		STERLITE-RAIGARH	D/C	0	11	2.9	0.0	2.9
24		RANCHI-SIPAT	D/C	0	17	3.6	0.0	3.6
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	86	0.1	0.5	-0.4
26		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7
ER-WR						18.2	1.2	17.0
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.0	-11.0
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	291.9	0.0	12.8	-12.8
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1808.5	0.0	23.3	-23.3
30	400 KV	TALCHER-I/C	D/C	0.0	1017.2	0.0	8.9	-8.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	47.1	-47.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1422	0.0	5.2	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	1174	0.0	0.4	0
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
ER-NER						0.0	6.9	-6.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	12.0	-12.0
NER-NR						0.0	12.0	-12.0
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2500	0.0	36.8	-36.8
37		V'CHAL B/B	D/C	300	0	3.6	0.0	3.6
38		APL -MHG	D/C	0	2317	0.0	49.3	-49.3
39	765 KV	GWALIOR-AGRA	D/C	0	2700	0.0	38.4	-38.4
40		PHAGI-GWALIOR	D/C	0	1166	0.0	19.2	-19.2
41	400 KV	ZERDA-KANKROLI	S/C	256	0	3.3	0.0	3.3
42		ZERDA -BHINMAL	S/C	168	49	1.6	0.0	1.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	32	184	0	1	-1
45		BADOD-KOTA	S/C	100	0	1.3	0.0	1.3
46	220 KV	BADOD-MORAK	S/C	53	26	0.3	0.1	0.2
47		MEHGAON-AURAIYA	S/C	94	0	1.6	0.0	1.6
48		MALANPUR-AURAIYA	S/C	62	0	0.8	0.0	0.8
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						12.4	144.7	-132.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	11.5	-11.5
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1009	0.0	14.9	-14.9
53		WARDHA-NIZAMABAD	D/C	0	1801	0.0	32.7	-32.7
54	400 KV	KOLHAPUR-KUDGI	D/C	473	0	4.8	0.0	4.8
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						6.8	59.1	-52.3
TRANSNATIONAL EXCHANGE								
58		BHUTAN						35.7
59		NEPAL						-4.9
60		BANGLADESH						-14.9