



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: 27th 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 26.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-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 26th 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

27-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48903	47168	38228	21034	2674	158007
Peak Shortage (MW)	1481	326	0	0	136	1943
Energy Met (MU)	1068	1051	833	429	51	3432
Hydro Gen(MU)	259	27	91	103	23	502
Wind Gen(MU)	14	21	55	-----	-----	89
Solar Gen (MU)*	3.30	15.61	27.10	0.55	0.01	47
Energy Shortage (MU)	23.0	0.0	0.0	0.3	1.1	24.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49671	47385	38133	21081	2835	157619

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	0.048	0.00	0.50	14.19	14.69	80.81	4.50

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	8239	0	182.1	95.0	0.1	204	0.0
	Haryana	7125	75	142.2	102.7	1.5	183	7.1
	Rajasthan	9147	0	202.0	75.3	2.6	308	5.1
	Delhi	4580	0	97.1	85.7	-0.3	120	0.0
	UP	15945	300	341.4	155.6	0.0	926	0.0
	Uttarakhand	1660	0	36.3	11.9	-0.3	207	0.3
	HP	1337	0	19.8	0.9	2.4	350	0.4
	J&K	2121	530	42.2	20.8	5.1	454	10.0
WR	Chandigarh	241	0	4.8	4.9	-0.1	30	0.0
	Chhattisgarh	3928	0	91.0	31.4	1.1	329	0.0
	Gujarat	15424	0	341.3	70.7	0.1	448	0.0
	MP	8232	0	173.4	96.8	3.2	451	0.0
	Maharashtra	19010	0	404.6	123.3	0.9	488	0.0
	Goa	405	0	8.9	8.8	-0.3	26	0.0
	DD	341	0	7.5	6.5	1.0	65	0.0
	DNH	759	0	17.4	16.9	0.5	43	0.0
SR	Essar steel	347	0	6.4	6.3	0.1	183	0.0
	Andhra Pradesh	7191	0	153.0	53.8	1.8	436	0.0
	Telangana	8216	0	177.0	71.7	0.0	481	0.0
	Karnataka	7290	0	151.2	54.4	2.1	425	0.0
	Kerala	3390	0	68.0	39.3	1.6	211	0.0
	Tamil Nadu	13301	0	277.2	128.1	0.2	520	0.0
	Pondy	325	0	6.9	7.0	-0.1	55	0.0
	ER	Bihar	4675	0	91.4	84.7	0.5	225
DVC		3000	0	66.3	-20.6	0.2	225	0.0
Jharkhand		1157	0	24.1	16.5	1.5	80	0.0
Odisha		4583	0	87.8	37.1	0.6	220	0.0
West Bengal		8488	0	158.7	49.2	0.4	250	0.0
NER	Sikkim	90	0	1.1	1.3	-0.2	10	0.0
	Arunachal Pradesh	111	1	2.5	2.4	0.1	3	0.0
	Assam	1688	108	33.2	23.4	4.6	164	1.0
	Manipur	155	1	2.1	2.1	0.0	38	0.0
	Meghalaya	267	0	4.9	-1.3	0.0	69	0.0
	Mizoram	80	1	1.2	1.2	0.0	12	0.0
	Nagaland	114	1	2.1	1.8	0.1	25	0.0
Tripura	282	1	5.1	4.5	0.0	85	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	29.7	-5.5	-15.0
Day peak (MW)	1237.3	-215.0	-645.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	184.7	-190.5	57.8	-48.0	-0.4	3.6
Actual(MU)	180.1	-198.6	55.9	-44.4	2.8	-4.3
O/D/U/D(MU)	-4.6	-8.1	-1.9	3.6	3.2	-7.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2646	17769	5310	1370	106	27201
State Sector	10920	14975	9492	5795	50	41232
Total	13566	32744	14802	7165	156	68433

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	561	1160	511	389	5	2626
Hydro	259	27	91	103	23	502
Nuclear	28	3	47	0	0	79
Gas, Naptha & Diesel	42	58	17	0	24	142
RES (Wind, Solar, Biomass & Others)	23	37	116	1	0	176
Total	913	1286	782	493	52	3526

*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 : 27-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	152	0.0	3.6	-3.6
2		SASARAM-FATEHPUR	S/C	0	0	4.7	0.0	4.7
3		GAYA-BALIA	S/C	0	274	0.0	4.7	-4.7
4	HVDC	ALIPURDUAR-AGRA	-	0	177	0.0	7.3	-7.3
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	226	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	60	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	604	0.0	10.5	-10.5
9		PATNA-BALIA	Q/C	0	885	0.0	18.1	-18.1
10		BIHARSHARIFF-BALIA	D/C	0	196	0.0	3.0	-3.0
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.3	0.0	1.3
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.2	-5.2
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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						10.7	58.4	-47.7
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.0	0.0	12.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.7	0.0	9.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	2	0.0	2.2	-2.2
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.6	0.0	1.6
22		IBEUL-RAIGARH	S/C	0	0	1.1	0.0	1.1
23		STERLITE-RAIGARH	D/C	0	0	5.3	0.0	5.3
24		RANCHI-SIPAT	D/C	0	0	6.2	0.0	6.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	87	0.0	0.8	-0.8
26		BUDHIPADAR-KORBA	D/C	0	0	3.4	0.0	3.4
ER-WR						39.4	3.0	36.4
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.6	-15.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	215.5	0.0	9.9	-9.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1421.1	0.0	23.1	-23.1
30	400 KV	TALCHER-I/C	D/C	0.0	1169.9	0.0	18.0	-18.0
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	48.6	-48.6
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1328	0.0	8.2	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	1076	0.0	5.8	-6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2
ER-NER						0.0	16.4	-16.4
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.2	-16.2
NER-NR						0.0	16.2	-16.2
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	23.5	-23.5
37		V'CHAL B/B	D/C	500	0	10.5	0.0	10.5
38		APL -MHG	D/C	0	1512	0.0	33.2	-33.2
39	765 KV	GWALIOR-AGRA	D/C	0	2474	0.0	49.4	-49.4
40		PHAGI-GWALIOR	D/C	0	1638	0.0	21.0	-21.0
41	400 KV	ZERDA-KANKROLI	S/C	185	0	2.5	0.0	2.5
42		ZERDA -BHINMAL	S/C	211	67	0.0	1.6	-1.6
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	248	0	2	-2
45		BADOD-KOTA	S/C	43	31	0.3	0.2	0.1
46	220 KV	BADOD-MORAK	S/C	7	72	0.0	0.8	-0.8
47		MEHGAON-AURAIYA	S/C	72	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	35	0	0.5	0.0	0.5
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						15.0	131.9	-116.9
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	800	0.0	12.0	-12.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	811	0.0	9.3	-9.3
53		WARDHA-NIZAMABAD	D/C	0	1518	0.0	29.7	-29.7
54	400 KV	KOLHAPUR-KUDGI	D/C	562	0	8.4	0.0	8.4
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						10.4	51.0	-40.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						29.7
59		NEPAL						-5.5
60		BANGLADESH						-15.0