



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: 30th 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 29.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29-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 29th 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

30-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48721	45430	33343	18421	2255	148170
Peak Shortage (MW)	1653	0	0	0	161	1814
Energy Met (MU)	1104	1066	747	368	40	3325
Hydro Gen(MU)	244	20	87	100	24	476
Wind Gen(MU)	12	22	82	-----	-----	116
Solar Gen (MU)*	4.09	15.42	22.80	0.52	0.02	43
Energy Shortage (MU)	29.3	4.5	0.0	0.0	2.2	36.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49315	46177	32584	18409	2394	147203

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	0.025	0.00	0.00	3.69	3.69	82.36	13.95

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	7880	0	179.8	87.5	0.8	211	0.0
	Haryana	7029	538	151.1	99.6	3.5	575	0.3
	Rajasthan	9392	684	205.4	77.7	6.9	426	13.8
	Delhi	4785	0	101.1	78.6	-0.9	165	0.0
	UP	16373	0	352.6	149.0	2.3	378	4.8
	Uttarakhand	1865	0	39.1	10.9	0.2	107	0.0
	HP	1407	0	26.8	6.7	0.4	107	0.0
	J&K	2132	533	43.7	25.7	4.0	450	10.3
WR	Chandigarh	252	0	5.0	5.2	-0.3	31	0.0
	Chhattisgarh	3510	0	85.0	29.3	-1.3	60	0.0
	Gujarat	15966	0	350.8	76.4	2.0	469	0.0
	MP	8048	0	181.2	108.7	2.7	538	0.0
	Maharashtra	18856	708	408.7	127.1	2.8	417	4.5
	Goa	449	0	9.1	8.7	0.2	95	0.0
	DD	316	0	7.1	6.3	0.7	44	0.0
	DNH	758	0	17.4	16.5	0.8	112	0.0
SR	Essar steel	325	0	6.4	6.3	0.2	227	0.0
	Andhra Pradesh	6678	0	145.5	56.6	2.6	604	0.0
	Telangana	7642	0	157.5	51.7	-1.9	601	0.0
	Karnataka	5983	0	123.0	29.8	0.0	417	0.0
	Kerala	3179	0	62.4	37.2	1.7	243	0.0
	Tamil Nadu	11375	0	252.4	103.1	3.2	469	0.0
	Pondy	289	0	6.1	6.6	-0.4	13	0.0
	ER	Bihar	4411	0	82.9	78.6	-2.2	365
DVC		2670	0	59.9	-17.6	1.4	412	0.0
Jharkhand		969	0	21.8	15.4	-2.0	165	0.0
Odisha		4249	0	83.6	35.4	2.0	345	0.0
West Bengal		6490	0	118.7	21.4	-1.7	302	0.0
NER	Sikkim	75	0	1.0	1.2	-0.3	20	0.0
	Arunachal Pradesh	119	3	2.1	2.9	-0.7	3	0.1
	Assam	1363	122	24.1	19.4	-0.7	164	2.0
	Manipur	139	2	2.2	2.6	-0.3	38	0.1
	Meghalaya	239	0	4.1	0.5	-0.9	69	0.0
	Mizoram	74	2	1.3	1.4	-0.1	12	0.0
	Nagaland	104	2	1.9	2.0	-0.3	25	0.0
Tripura	246	1	4.1	4.1	-1.4	85	0.0	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	28.9	-1.7	-14.1
Day peak (MW)	1186.0	-213.9	-624.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	195.4	-151.7	19.1	-62.7	-0.1	0.1
Actual(MU)	213.0	-141.6	5.6	-65.0	-8.3	3.7
O/D/U/D(MU)	17.5	10.1	-13.5	-2.3	-8.2	3.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2789	17497	4810	1720	56	26873
State Sector	11100	16400	10942	6935	50	45427
Total	13889	33897	15752	8655	106	72300

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	575	1105	459	357	4	2499
Hydro	244	21	87	100	24	476
Nuclear	32	10	35	0	0	78
Gas, Naptha & Diesel	35	66	18	0	23	142
RES (Wind, Solar, Biomass & Others)	24	37	143	1	0	205
Total	911	1239	742	457	52	3401

*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 : 30-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	254	0.0	6.8	-6.8
2		SASARAM-FATEHPUR	S/C	0	18	2.2	0.0	2.2
3		GAYA-BALIA	S/C	0	311	0.0	5.4	-5.4
4	HVDC	ALIPURDUAR-AGRA	-	0	224	0.0	9.9	-9.9
5		PUSAULI B/B	S/C	0	245	0.0	6.1	-6.1
6	400 KV	PUSAULI-VARANASI	S/C	0	206	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	98	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	824	0.0	15.5	-15.5
9		PATNA-BALIA	Q/C	0	1111	0.0	20.7	-20.7
10		BIHARSHARIFF-BALIA	D/C	0	261	0.0	4.7	-4.7
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.3	-1.3
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.0	-5.0
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.6	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						6.5	75.3	-68.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	233	0.5	0.0	0.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	104	4.4	0.0	4.4
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	65	0.9	0.0	0.9
21		JHARSUGUDA-RAIGARH	S/C	0	39	0.7	0.0	0.7
22		IBEUL-RAIGARH	S/C	0	0	0.8	0.0	0.8
23		STERLITE-RAIGARH	D/C	0	0	5.2	0.0	5.2
24		RANCHI-SIPAT	D/C	0	0	3.2	0.0	3.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	101	0.0	1.0	-1.0
26		BUDHIPADAR-KORBA	D/C	0	0	1.2	0.0	1.2
ER-WR						16.8	1.0	15.8
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	210.7	0.0	10.9	-10.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	842.7	0.0	13.3	-13.3
30	400 KV	TALCHER-I/C	D/C	0.0	810.3	0.0	8.5	-8.5
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	35.7	-35.7
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1049	0.0	4.3	-4
33		ALIPURDUAR-BONGAIGAON	D/C	0	865	0.0	0.8	-1
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.2	-1
ER-NER						0.0	6.3	-6.3
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.5	-16.5
NER-NR						0.0	16.5	-16.5
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	28.6	-28.6
37		V'CHAL B/B	D/C	500	0	8.6	0.0	8.6
38		APL -MHG	D/C	0	1513	0.0	36.3	-36.3
39	765 KV	GWALIOR-AGRA	D/C	0	2308	0.0	43.4	-43.4
40		PHAGI-GWALIOR	D/C	0	1232	0.0	25.8	-25.8
41	400 KV	ZERDA-KANKROLI	S/C	137	0	1.7	0.0	1.7
42		ZERDA -BHINMAL	S/C	119	63	1.1	0.0	1.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	353	0	3	-3
45		BADOD-KOTA	S/C	39	34	0.2	0.3	0.0
46	220 KV	BADOD-MORAK	S/C	13	86	0.1	0.6	-0.5
47		MEHGAON-AURAIYA	S/C	93	0	1.3	0.0	1.3
48		MALANPUR-AURAIYA	S/C	56	0	0.6	0.0	0.6
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						13.6	138.1	-124.5
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	9.0	-9.0
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	958	196	958.0	0.0	958.0
53		WARDHA-NIZAMABAD	D/C	0	808	0.0	12.5	-12.5
54	400 KV	KOLHAPUR-KUDGI	D/C	725	0	13.5	0.0	13.5
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						973.5	21.5	952.0
TRANSNATIONAL EXCHANGE								
58		BHUTAN						28.9
59		NEPAL						-1.7
60		BANGLADESH						-14.1