



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: 12th May 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. महाप्रबंधक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतेह, लोअर नॉग्रह, लापलंग, शिल्लोंग - 793006
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. अपर महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
Additional General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 11.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 11 मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 11th May 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

12-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48816	45618	37418	15847	2454	150153
Peak Shortage (MW)	558	67	0	0	65	690
Energy Met (MU)	1103	1122	870	386	40	3521
Hydro Gen(MU)	292	22	44	56	10	424
Wind Gen(MU)	18	51	18	-----	-----	87
Solar Gen (MU)*	3.12	12.71	23.90	1.40	0.02	41
Energy Shortage (MU)	10.0	0.0	0.0	0.0	0.7	10.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51861	49220	38482	17834	2550	154487

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	0.066	0.31	1.01	17.13	18.45	71.52	10.03

C. Power Supply Position in States

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	7311	0	161.7	100.4	-0.2	202	0.0
	Haryana	7154	0	148.9	107.8	-2.3	134	0.0
	Rajasthan	9618	0	204.3	71.0	-0.1	334	1.0
	Delhi	5668	0	113.7	94.4	-0.3	202	0.0
	UP	17819	700	362.9	147.3	2.0	415	0.0
	Uttarakhand	1902	0	41.1	18.7	-0.3	156	0.0
	HP	1253	0	25.5	4.2	2.6	284	0.1
	J&K	2067	517	38.7	14.3	1.5	319	8.9
WR	Chandigarh	315	0	6.0	6.4	-0.4	23	0.0
	Chhattisgarh	3540	0	75.7	14.5	-0.5	213	0.0
	Gujarat	15426	0	342.5	99.6	4.2	627	0.0
	MP	8119	0	182.5	96.0	0.1	436	0.0
	Maharashtra	21913	0	477.8	147.6	-5.2	1014	0.0
	Goa	493	0	10.4	9.2	0.9	107	0.0
	DD	320	0	7.2	6.8	0.4	72	0.0
	DNH	768	0	17.4	17.7	-0.3	12	0.0
	Essar steel	441	0	9.0	8.9	0.0	184	0.0
	SR	Andhra Pradesh	7087	0	161.9	45.1	6.5	574
Telangana		6578	0	139.6	59.4	-3.4	258	0.0
Karnataka		8430	0	182.0	68.6	3.4	460	0.0
Kerala		3782	0	68.1	53.8	1.2	348	0.0
Tamil Nadu		14273	0	311.6	155.3	2.7	721	0.0
Pondy		336	0	7.1	7.3	-0.2	34	0.0
ER	Bihar	3940	0	74.4	69.3	3.3	450	0.0
	DVC	2834	0	62.7	-40.3	-1.3	500	0.0
	Jharkhand	1129	0	23.2	16.1	1.0	170	0.0
	Odisha	3861	0	83.6	22.1	0.7	400	0.0
	West Bengal	7451	0	141.5	32.8	1.0	200	0.0
	Sikkim	74	0	1.1	0.9	0.2	25	0.0
NER	Arunachal Pradesh	90	2	2.4	1.6	0.8	8	0.0
	Assam	1535	19	23.5	17.3	2.4	168	0.6
	Manipur	149	2	2.7	2.1	0.6	5	0.0
	Meghalaya	298	0	4.0	2.9	0.0	31	0.0
	Mizoram	75	1	1.4	1.2	0.1	9	0.0
	Nagaland	97	2	1.6	1.8	-0.4	5	0.0
	Tripura	246	3	4.1	3.0	0.4	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.4	-7.7	-15.3
Day peak (MW)	413.5	-393.9	-649.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.2	-192.7	84.2	-76.9	3.9	3.8
Actual(MU)	170.4	-203.5	82.2	-74.2	7.3	-17.8
O/D/U/D(MU)	-14.8	-10.9	-2.0	2.6	3.4	-21.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3403	11847	4980	1700	430	22360
State Sector	8445	13105	6832	5820	110	34312
Total	11848	24952	11812	7520	540	56672

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(शि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	12-May-17
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)	
Import/Export of ER (With NR)								Import=(+ve) /Export =(-ve) for NET (MU)	
1	765KV	GAYA-VARANASI	D/C	0	242	0.0	5.0	-5.0	
2		SASARAM-FATEHPUR	S/C	0	6	3.0	0.0	3.0	
3		GAYA-BALIA	S/C	0	398	0.0	5.0	-5.0	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	148	0.0	3.0	-3.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	161	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	14	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	237	0.0	1.0	-1.0	
9		PATNA-BALIA	Q/C	0	829	0.0	15.0	-15.0	
10		BIHARSHARIFF-BALIA	D/C	0	229	0.0	2.0	-2.0	
11		BARH-GORAKHPUR	D/C	0	557	0.0	12.0	-12.0	
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.0	0.0	1.0	
13		PUSAULI-SAHUPURI	S/C	0	238	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	1.0	0.0	1.0	
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						5.0	48.0	-43.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	3	8.0	0.0	8.0	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	245	0.0	0.0	0.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.0	0.0	2.0	
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0	
23		STERLITE-RAIGARH	D/C	0	29	1.0	0.0	1.0	
24		RANCHI-SIPAT	D/C	0	0	5.0	0.0	5.0	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	101	0.0	1.0	-1.0	
26		BUDHIPADAR-KORBA	D/C	0	0	5.0	0.0	5.0	
ER-WR						25.0	1.0	24.0	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	8.0	-8.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	318.0	0.0	15.0	-15.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2516.0	0.0	45.0	-45.0	
30	400 KV	TALCHER-1C	D/C	0.0	1223.0	0.0	19.0	-19.0	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	68.0	-68.0	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1200	0.0	8.0	-8	
33		ALIPURDUAR-BONGAIGAON	D/C	0	959	0.0	8.0	-8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.0	-2	
ER-NER						0.0	18.0	-18.0	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	0.0	10.7	-10.7	
NER-NR						0.0	10.7	-10.7	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	28.1	-28.1	
37		V'CHAL B/B	D/C	400	0	5.3	0.0	5.3	
38		APL -MHG	D/C	0	2216	0.0	48.5	-48.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2800	0.0	41.1	-41.1	
40		PHAGI-GWALIOR	D/C	0	1290	0.0	23.3	-23.3	
41	400 KV	ZERDA-KANKROLI	S/C	443	0	7.4	0.0	7.4	
42		ZERDA -BHINMAL	S/C	388	0	5.4	0.0	5.4	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	5	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	78	8	0.9	0.0	0.8	
46		BADOD-MORAK	S/C	42	61	0.2	0.4	-0.1	
47		MEHGAON-AURAIYA	S/C	69	0	1.4	0.0	1.4	
48	132KV	MALANPUR-AURAIYA	S/C	43	0	0.7	0.0	0.7	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						21.2	143.3	-122.1	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.1	-23.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1802	0.0	23.4	-23.4	
53		WARDHA-NIZAMABAD	D/C	0	-605	0.0	-7.5	7.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	170	538	0.1	6.9	-6.8	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	223	0.0	1.3	-1.3	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	93	0	1.9	0.0	1.9	
WR-SR						2.1	47.3	-45.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.4	
59		NEPAL						-7.7	
60		BANGLADESH						-15.3	