



National Load Despatch Centre
राष्ट्रीय भार प्रेषण केंद्र
POWER SYSTEM OPERATION CORPORATION LIMITED
पाँवर 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: 13th 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, लापालंग, 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 12.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12 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 12th 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

13-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48641	46120	38106	19194	2250	154311
Peak Shortage (MW)	1019	157	15	0	216	1407
Energy Met (MU)	1138	1123	892	379	41	3572
Hydro Gen(MU)	307	16	54	57	11	445
Wind Gen(MU)	11	43	11	-----	-----	65
Solar Gen (MU)*	2.94	12.24	25.00	1.41	0.02	42
Energy Shortage (MU)	10.8	0.0	0.0	0.0	1.3	12.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51602	49562	39258	19533	2475	156520

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	0.071	0.03	2.50	18.43	20.96	73.84	5.20

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	7348	0	166.5	93.3	1.1	176	0.0
	Haryana	7558	0	162.0	117.7	-0.6	292	0.0
	Rajasthan	9472	236	205.9	69.0	-0.6	239	1.2
	Delhi	5722	0	116.4	96.9	-0.1	265	0.1
	UP	17650	200	373.3	155.3	1.0	452	0.0
	Uttarakhand	1848	0	40.7	19.4	-0.9	59	0.0
	HP	1256	0	26.7	4.4	2.0	181	0.0
	J&K	1926	482	40.3	17.2	0.1	94	9.5
	Chandigarh	323	0	5.7	6.4	-0.7	16	0.0
	Chhattisgarh	3544	0	82.6	15.5	-0.2	127	0.0
WR	Gujarat	15454	0	343.7	99.8	1.3	400	0.0
	MP	8130	0	183.9	95.3	-0.6	712	0.0
	Maharashtra	21461	0	467.7	147.1	-2.7	555	0.0
	Goa	447	0	10.7	9.3	1.2	49	0.0
	DD	319	0	7.2	6.8	0.4	65	0.0
	DNH	753	0	17.0	17.4	-0.5	7	0.0
	Essar steel	483	0	10.3	10.6	-0.2	183	0.0
	Andhra Pradesh	7339	0	164.9	54.2	6.1	550	0.0
	Telangana	6701	0	143.0	55.7	-2.5	367	0.0
	Karnataka	8704	0	188.4	68.4	4.1	393	0.0
SR	Kerala	3507	0	71.0	52.2	1.3	345	0.0
	Tamil Nadu	14212	0	317.8	163.3	5.1	550	0.0
	Pondy	343	0	7.2	7.4	-0.2	36	0.0
	Bihar	4037	0	77.7	72.5	3.4	290	0.0
	DVC	2947	0	58.2	-36.7	0.3	500	0.0
	Jharkhand	1193	0	24.0	17.2	0.7	180	0.0
ER	Odisha	4294	0	83.1	22.5	-1.0	210	0.0
	West Bengal	8137	0	134.6	37.9	-0.4	530	0.0
	Sikkim	72	0	1.0	0.8	0.1	30	0.0
	Arunachal Pradesh	91	2	2.0	1.6	0.3	8	0.0
	Assam	1473	97	24.0	18.5	3.1	168	1.1
NER	Manipur	131	2	2.4	2.1	0.3	5	0.0
	Meghalaya	244	0	4.8	3.0	0.4	31	0.0
	Mizoram	84	1	1.4	1.2	0.2	9	0.0
	Nagaland	106	1	1.8	1.7	-0.1	5	0.0
	Tripura	231	3	4.5	3.0	0.8	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	6.1	-8.3	-14.5
Day peak (MW)	312.7	-380.6	-640.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	188.4	-206.7	85.9	-70.1	4.9	2.4
Actual(MU)	173.3	-216.2	90.1	-61.6	9.5	-5.0
O/D/U/D(MU)	-15.1	-9.5	4.2	8.5	4.6	-7.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3403	11787	4480	1700	430	21799
State Sector	8445	14225	7312	5900	110	35992
Total	11848	26012	11792	7600	539	57791

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(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 : 13-May-17
								Import=(+ve) /Export =(-ve) for NET (MU)
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)								
1	765KV	GAYA-VARANASI	D/C	0	231	0.0	5.9	-5.9
2		SASARAM-FATEHPUR	S/C	0	0	4.9	0.0	4.9
3		GAYA-BALIA	S/C	0	393	0.0	6.7	-6.7
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.2	-0.2
5		PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6
6	400 KV	PUSAULI-VARANASI	S/C	0	160	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	52	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	235	0.0	1.1	-1.1
9		PATNA-BALIA	Q/C	0	882	0.0	18.7	-18.7
10		BIHARSHARIFF-BALIA	D/C	0	278	0.0	4.4	-4.4
11		BARH-GORAKHPUR	D/C	0	545	0.0	11.3	-11.3
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.2	0.0	1.2
13	220 KV	PUSAULI-SAHUPURI	S/C	0	239	0.0	4.6	-4.6
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						6.6	56.5	-49.9
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	11.1	0.0	11.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	97	4.9	0.0	4.9
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.5	0.0	2.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.4	0.0	2.4
22		IBEUL-RAIGARH	S/C	0	0	2.5	0.0	2.5
23		STERLITE-RAIGARH	D/C	0	14	0.0	1.8	-1.8
24	220 KV	RANCHI-SIPAT	D/C	0	0	5.4	0.0	5.4
25		BUDHIPADAR-RAIGARH	S/C	0	92	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	0	5.2	0.0	5.2
ER-WR						33.9	2.4	31.5
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	7.8	-7.8
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	346.4	0.0	15.7	-15.7
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2519.0	0.0	49.9	-49.9
30	400 KV	TALCHER-1C	D/C	0.0	1092.6	0.0	12.5	-12.5
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	73.4	-73.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1078	0.0	5.6	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	866	0.0	4.9	-5
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1
ER-NER						0.0	11.9	-11.9
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	250	0.0	3.3	-3.3
NER-NR						0.0	3.3	-3.3
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.9	-29.9
37		V'CHAL B/B	D/C	500	0	11.5	0.0	11.5
38		APL -MHG	D/C	0	2215	0.0	46.9	-46.9
39	765 KV	GWALIOR-AGRA	D/C	0	2730	0.0	48.8	-48.8
40		PHAGI-GWALIOR	D/C	0	1178	0.0	20.0	-20.0
41	400 KV	ZERDA-KANKROLI	S/C	317	0	6.2	0.0	6.2
42		ZERDA -BHINMAL	S/C	374	0	4.2	0.0	4.2
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44	220 KV	RAPP-SHUJALPUR	D/C	0	221	0	2	-2
45		BADOD-KOTA	S/C	94	1	1.0	0.0	1.0
46		BADOD-MORAK	S/C	54	43	0.2	0.2	0.0
47		MEHGAON-AURAIYA	S/C	60	0	1.2	0.0	1.2
48	132KV	MALANPUR-AURAIYA	S/C	28	0	0.5	0.0	0.5
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						24.6	147.5	-122.8
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.4	-23.4
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1973	0.0	26.3	-26.3
53		WARDHA-NIZAMABAD	D/C	0	672	0.0	7.3	-7.3
54	400 KV	KOLHAPUR-KUDGI	D/C	198	467	0.3	3.5	-3.1
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	96	0	2.0	0.0	2.0
WR-SR						2.3	60.5	-58.2
TRANSNATIONAL EXCHANGE								
58		BHUTAN						6.1
59		NEPAL						-8.3
60		BANGLADESH						-14.5