



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: 16th 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, शिलोंग - 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 15.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15 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 15th May 2017, is available at the NLDC website.

धन्यवाद,



पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

16-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48636	46119	38272	17791	2277	153096
Peak Shortage (MW)	2252	21	0	100	191	2564
Energy Met (MU)	1170	1114	857	395	40	3576
Hydro Gen(MU)	308	22	31	63	11	434
Wind Gen(MU)	27	90	103	-----	-----	220
Solar Gen (MU)*	0.91	12.92	25.90	0.70	0.02	40
Energy Shortage (MU)	15.2	0.0	0.0	0.3	1.7	17.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51232	47349	39424	19054	2317	153612

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	0.030	0.00	0.08	1.74	1.82	70.57	27.62

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	7727	0	173.5	106.1	0.5	201	0.0
	Haryana	7565	0	163.8	117.2	0.0	0	0.0
	Rajasthan	10155	0	225.9	63.2	2.7	336	0.0
	Delhi	5912	0	120.2	99.5	1.0	243	0.0
	UP	16942	390	372.2	170.8	4.3	870	5.7
	Uttarakhand	1951	0	42.0	18.7	1.0	182	0.0
	HP	1253	0	26.1	2.5	2.9	231	0.0
	J&K	1823	456	40.6	15.1	2.3	271	9.5
Chandigarh	333	0	6.2	6.5	-0.3	15	0.0	
WR	Chhattisgarh	3571	0	83.1	16.6	0.0	218	0.0
	Gujarat	15253	0	337.1	95.7	-0.2	344	0.0
	MP	8235	0	182.0	90.2	-1.7	304	0.0
	Maharashtra	21408	0	470.0	141.3	-0.3	843	0.0
	Goa	428	0	8.7	8.9	-0.5	-3	0.0
	DD	317	0	7.0	6.7	0.3	45	0.0
	DNH	737	0	16.7	17.1	-0.4	-14	0.0
	Essar steel	478	0	9.1	9.0	0.2	157	0.0
SR	Andhra Pradesh	7723	0	161.6	51.4	3.1	887	0.0
	Telangana	6713	0	141.6	55.1	-2.2	376	0.0
	Karnataka	8024	0	161.2	63.6	2.8	673	0.0
	Kerala	3798	0	73.2	54.3	1.4	580	0.0
	Tamil Nadu	14599	0	312.2	111.0	0.9	737	0.0
	Pondy	349	0	7.4	7.8	-0.4	22	0.0
ER	Bihar	3924	0	72.2	71.0	-1.0	305	0.3
	DVC	2723	0	66.3	-29.5	2.7	289	0.0
	Jharkhand	1129	0	24.3	19.3	-0.7	185	0.0
	Odisha	4257	0	84.2	25.0	-0.4	325	0.0
	West Bengal	8178	0	147.3	41.4	-0.9	356	0.0
	Sikkim	73	0	1.0	1.7	-0.7	20	0.0
NER	Arunachal Pradesh	94	6	1.9	1.6	0.3	24	0.0
	Assam	1365	161	24.7	18.6	2.7	156	1.3
	Manipur	154	2	2.2	2.0	0.1	16	0.0
	Meghalaya	252	0	4.0	3.2	-0.4	54	0.0
	Mizoram	79	2	1.3	1.2	0.0	11	0.0
	Nagaland	106	2	2.1	1.9	0.1	13	0.0
	Tripura	239	5	3.8	2.8	-0.4	52	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.6	-6.6	-14.8
Day peak (MW)	1049.0	-354.7	-644.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	197.4	-208.6	67.7	-60.8	5.8	1.5
Actual(MU)	201.8	-213.5	68.8	-62.6	8.0	2.5
O/D/U/D(MU)	4.4	-5.0	1.1	-1.8	2.2	1.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3212	12931	4480	1200	430	22253
State Sector	9805	13452	7462	5455	110	36284
Total	13017	26383	11942	6655	539	58537

*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(ग्रि०प्र०)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 16-May-17	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl 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	329	0.0	8.1	-8.1	
2		SASARAM-FATEHPUR	S/C	0	31	3.1	0.0	3.1	
3		GAYA-BALIA	S/C	0	406	0.0	7.8	-7.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	148	0.0	3.4	-3.4	
6	400 KV	PUSAULI-VARANASI	S/C	0	155	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	48	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	933	0.0	8.2	-8.2	
9		PATNA-BALIA	Q/C	0	792	0.0	15.7	-15.7	
10		BIHARSHARIFF-BALIA	D/C	0	363	0.0	6.0	-6.0	
11		BARH-GORAKHPUR	D/C	0	468	0.0	9.8	-9.8	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.5	-0.5	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.7	-4.7	
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	3.7	64.1	-60.4
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	267	6.5	0.0	6.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	7.3	0.0	7.3	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	21	2.1	0.0	2.1	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2	
22		IBEUL-RAIGARH	S/C	0	0	2.2	0.0	2.2	
23		STERLITE-RAIGARH	D/C	0	196	0.0	0.9	-0.9	
24		RANCHI-SIPAT	D/C	0	0	5.2	0.0	5.2	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	89	0.0	0.0	0.0	
26		BUDHIPADAR-KORBA	D/C	0	1	3.7	0.0	3.7	
						ER-WR	29.1	0.9	28.2
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.0	-9.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	290.5	0.0	12.1	-12.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2315.8	0.0	36.8	-36.8	
30	400 KV	TALCHER-I/C	D/C	0.0	903.9	0.0	11.7	-11.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	58.0	-58.0
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	790	0.0	4.2	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	634	0.0	4.5	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2	
						ER-NER	0.0	10.3	-10.3
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	502	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	11.8	-11.8	
37		V'CHAL B/B	D/C	300	0	3.6	0.0	3.6	
38		APL -MHG	D/C	0	2517	0.0	53.5	-53.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2980	0.0	57.1	-57.1	
40		PHAGI-GWALIOR	D/C	0	1240	0.0	24.1	-24.1	
41	400 KV	ZERDA-KANKROLI	S/C	320	0	5.4	0.0	5.4	
42		ZERDA -BHINMAL	S/C	303	0	3.9	0.0	3.9	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	335	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	50	46	0.0	0.2	-0.2	
46		BADOD-MORAK	S/C	19	86	0.0	1.0	-1.0	
47		MEHGAON-AURAIYA	S/C	72	0	0.9	0.0	0.9	
48		MALANPUR-AURAIYA	S/C	40	10	0.3	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	14.2	150.2	-136.0
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.0	-18.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2089	0.0	21.0	-21.0	
53		WARDHA-NIZAMABAD	D/C	0	871	0.0	10.7	-10.7	
54	400 KV	KOLHAPUR-KUDGI	D/C	342	295	1.6	1.6	0.0	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	144	0.0	1.6	-1.6	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	92	0	1.6	0.0	1.6	
						WR-SR	3.2	52.9	-49.7
TRANSNATIONAL EXCHANGE									
58		BHUTAN						17.6	
59		NEPAL						-6.6	
60		BANGLADESH						-14.8	