



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: 17th 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 नोंग्रह , लापालंग, 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 16.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 16-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 16 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

17-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48880	47119	38934	18134	2354	155421
Peak Shortage (MW)	1243	70	0	250	119	1681
Energy Met (MU)	1140	1126	906	367	36	3575
Hydro Gen(MU)	309	30	35	80	13	466
Wind Gen(MU)	16	86	90	-----	-----	192
Solar Gen (MU)*	3.67	13.35	26.70	1.21	0.00	45
Energy Shortage (MU)	10.9	0.0	0.0	0.9	2.0	13.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51609	47762	40552	19291	2406	156952

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	0.032	0.00	0.00	3.92	3.92	72.88	23.19

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	7068	0	156.6	99.9	-2.6	170	0.0	
	Haryana	7563	0	158.7	115.9	-1.6	407	0.0	
	Rajasthan	9849	0	208.2	66.2	0.8	329	0.0	
	Delhi	5957	0	122.8	102.9	-0.5	287	0.0	
	UP	17416	800	382.0	179.0	2.0	913	2.3	
	Uttarakhand	1869	0	42.5	19.6	0.3	125	0.0	
	HP	1243	0	26.5	2.8	3.5	252	0.0	
	J&K	1883	471	36.6	14.5	-1.1	114	8.7	
	Chandigarh	320	0	6.1	6.4	-0.3	14	0.0	
	WR	Chhattisgarh	3653	0	84.2	22.3	-0.3	261	0.0
Gujarat		15262	0	339.7	95.3	1.6	587	0.0	
MP		8425	0	184.4	77.5	0.0	485	0.0	
Maharashtra		21671	0	476.8	142.5	3.6	655	0.0	
Goa		443	0	9.4	9.2	-0.1	41	0.0	
DD		321	0	7.2	6.7	0.4	54	0.0	
DNH		714	0	14.8	15.3	-0.5	55	0.0	
Essar steel		449	0	9.4	8.9	0.5	183	0.0	
SR		Andhra Pradesh	7821	0	167.6	51.9	1.8	799	0.0
		Telangana	7048	0	145.4	57.2	-3.9	534	0.0
	Karnataka	8464	0	182.6	70.5	5.5	523	0.0	
	Kerala	3843	0	75.5	56.9	1.4	208	0.0	
	Tamil Nadu	15035	0	326.5	137.5	-1.6	1466	0.0	
	Pondy	370	0	7.9	7.9	0.0	60	0.0	
ER	Bihar	3945	0	68.5	66.5	-0.7	425	0.9	
	DVC	2835	0	58.3	-36.2	-6.7	365	0.0	
	Jharkhand	1129	0	22.5	17.6	-0.8	225	0.0	
	Odisha	4359	0	85.6	24.4	1.8	389	0.0	
	West Bengal	7296	0	131.0	37.0	-0.4	435	0.0	
	Sikkim	62	0	1.0	1.6	-0.6	20	0.0	
NER	Arunachal Pradesh	111	2	2.0	1.7	0.3	24	0.0	
	Assam	1502	60	21.7	15.7	2.6	156	1.5	
	Manipur	133	3	2.4	1.8	0.6	16	0.1	
	Meghalaya	266	0	4.1	2.5	-0.7	54	0.0	
	Mizoram	78	1	1.4	1.0	0.3	11	0.0	
	Nagaland	99	5	2.2	1.6	0.5	13	0.1	
	Tripura	210	3	2.6	1.3	0.2	52	0.3	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	24.4	-7.4	-13.9
Day peak (MW)	948.4	-318.5	-628.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	201.1	-216.9	82.2	-72.7	4.4	-1.9
Actual(MU)	193.5	-209.4	87.7	-79.9	6.6	-1.6
O/D/U/D(MU)	-7.7	7.4	5.5	-7.2	2.2	0.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3212	12031	4480	1400	451	21573
State Sector	9695	15275	8062	5745	110	38887
Total	12907	27306	12542	7145	560	60460

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिष्कारण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्रा०)/
मुख्य कार्यपालक अधिकारी(सोर्सिंग)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 17-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	304	0.0	8.3	-8.3
2		SASARAM-FATEHPUR	S/C	0	30	1.7	0.0	1.7
3		GAYA-BALIA	S/C	0	356	0.0	5.4	-5.4
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5	HVDC	PUSAULI B/B	S/C	0	148	0.0	3.4	-3.4
6		PUSAULI-VARANASI	S/C	0	143	0.0	0.0	0.0
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	39	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	930	0.0	11.1	-11.1
9		PATNA-BALIA	Q/C	0	750	0.0	15.7	-15.7
10		BIHARSHARIFF-BALIA	D/C	0	353	0.0	4.7	-4.7
11		BARH-GORAKHPUR	D/C	0	522	0.0	9.9	-9.9
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.4	-1.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.1	-4.1
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						2.2	64.0	-61.8
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	116	6.3	0.0	6.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	345	0.0	0.7	-0.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	68	0.9	0.0	0.9
21		JHARSUGUDA-RAIGARH	S/C	0	18	1.8	0.0	1.8
22		IBEUL-RAIGARH	S/C	0	0	0.7	0.0	0.7
23		STERLITE-RAIGARH	D/C	0	149	0.0	0.4	-0.4
24	220 KV	RANCHI-SIPAT	D/C	0	58	1.8	0.0	1.8
25		BUDHIPADAR-RAIGARH	S/C	0	98	0.0	0.6	-0.6
26		BUDHIPADAR-KORBA	D/C	0	1	3.2	0.0	3.2
ER-WR						14.6	1.7	12.8
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.9	-10.9
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	290.5	0.0	13.2	-13.2
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2023.9	0.0	38.4	-38.4
30	400 KV	TALCHER-I/C	D/C	0.0	622.5	0.0	5.9	-5.9
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	62.4	-62.4
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	979	0.0	2.3	-2
33		ALIPURDUAR-BONGAIGAON	D/C	0	827	0.0	1.8	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.0	-1
ER-NER						0.0	5.1	-5.1
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	488	301	0.1	0.0	0.1
NER-NR						0.1	0.0	0.1
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.3	-36.3
37		V'CHAL B/B	D/C	500	0	7.8	0.0	7.8
38		APL -MHG	D/C	0	2517	0.0	47.1	-47.1
39	765 KV	GWALIOR-AGRA	D/C	0	2832	0.0	47.1	-47.1
40		PHAGI-GWALIOR	D/C	0	1166	0.0	20.0	-20.0
41	400 KV	ZERDA-KANKROLI	S/C	274	0	5.4	0.0	5.4
42		ZERDA -BHINMAL	S/C	247	0	3.5	0.0	3.5
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	36	23	0.2	0.1	0.0
46		BADOD-MORAK	S/C	0	69	0.0	0.9	-0.9
47		MEHGAON-AURAIYA	S/C	50	0	0.9	0.0	0.9
48		MALANPUR-AURAIYA	S/C	29	7	0.3	0.0	0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						18.1	153.2	-135.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.2	-19.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1897	0.0	32.9	-32.9
53		WARDHA-NIZAMABAD	D/C	0	664	0.0	11.7	-11.7
54	400 KV	KOLHAPUR-KUDGI	D/C	116	234	0.0	1.6	-1.6
55		KOLHAPUR-CHIKODI	D/C	0	149	0.0	2.3	-2.3
56	220 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	91	0	2.0	0.0	2.0
WR-SR						2.0	67.8	-65.8
TRANSNATIONAL EXCHANGE								
58		BHUTAN						24.4
59		NEPAL						-7.4
60		BANGLADESH						-13.9