



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: 02nd May 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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, शिलॉंग - 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 01.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01 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 01st 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

2-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45219	44304	33596	15516	2293	140929
Peak Shortage (MW)	793	22	0	0	88	903
Energy Met (MU)	977	1067	819	330	33	3226
Hydro Gen(MU)	223	21	27	51	10	331
Wind Gen(MU)	14	37	24	-----	-----	75
Solar Gen (MU)*	3.76	12.44	27.20	1.14	0.02	45
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48352	46189	35770	15631	2489	141504

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	0.034	0.00	0.00	3.36	3.36	73.47	23.17

C. Power Supply Position in States

RegionRegion	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)
NR	Punjab	5971	0	131.8	83.2	0.8	503
	Haryana	7180	0	140.1	107.3	1.6	402
	Rajasthan	9167	0	191.5	72.6	2.2	826
	Delhi	4675	0	94.2	77.0	-0.4	26
	UP	17051	340	318.1	132.8	2.9	1177
	Uttarakhand	1703	0	33.9	15.4	-1.4	246
	HP	1146	0	22.6	6.9	2.5	37
	J&K	1952	488	39.5	19.4	0.6	418
	Chandigarh	243	0	4.9	5.4	-0.5	303
WR	Chhattisgarh	3767	0	89.0	26.6	-1.8	94
	Gujarat	15128	0	331.0	74.7	2.0	564
	MP	8158	0	174.9	102.0	-1.6	283
	Maharashtra	19031	123	435.3	138.7	3.0	811
	Goa	421	0	8.7	8.2	0.0	10
	DD	260	0	5.1	4.9	0.1	177
	DNH	695	0	15.8	15.8	0.0	98
	Essar steel	479	0	7.4	6.3	1.1	307
	SR	Andhra Pradesh	7214	0	142.8	31.6	-14.7
Telangana		6130	0	130.4	48.0	-3.0	337
Karnataka		7931	0	178.2	70.1	3.3	435
Kerala		3131	0	67.2	53.7	1.7	349
Tamil Nadu		12738	0	294.2	152.8	2.8	844
Pondy		302	0	6.3	7.0	-0.8	18
ER		Bihar	3569	0	55.0	57.0	-2.8
	DVC	2724	0	60.5	-43.0	-1.3	220
	Jharkhand	941	0	20.8	15.1	-0.7	68
	Odisha	4375	0	82.4	29.4	4.9	400
	West Bengal	5898	0	110.5	16.2	-0.6	280
	Sikkim	62	0	0.8	1.0	-0.2	10
NER	Arunachal Pradesh	129	3	2.0	1.8	0.2	30
	Assam	1358	36	18.1	13.4	0.4	181
	Manipur	133	2	2.4	2.2	0.2	16
	Meghalaya	286	0	4.2	2.0	-0.9	66
	Mizoram	75	3	1.4	1.2	0.1	20
	Nagaland	121	1	1.7	1.9	-0.4	35
	Tripura	230	4	3.0	2.6	-0.6	63

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.6	-8.1	-13.8
Day peak (MW)	432.4	-370.5	-654.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	210.8	-204.0	69.2	-89.3	2.3	-11.0
Actual(MU)	210.2	-192.3	62.7	-90.3	0.4	-9.4
O/D/U/D(MU)	-0.6	11.7	-6.5	-1.1	-1.9	1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4978	12380	3980	1300	640	23278
State Sector	12505	18216	6852	4543	110	42226
Total	17483	30596	10832	5843	749	65504

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिचय)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-केंद्र(वि०प्र०)/

मुख्य कार्यपालक अधिकारी(पोलोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	2-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	465	0.0	13.4	-13.4	
2		SASARAM-FATEHPUR	S/C	0	201	0.0	1.1	-1.1	
3		GAYA-BALIA	S/C	0	454	0.0	7.0	-7.0	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	149	0.0	0.0	0.0	
6	400 KV	PUSAULI-VARANASI	S/C	0	128	0.0	2.6	-2.6	
7		PUSAULI -ALLAHABAD	S/C	0	64	0.0	0.8	-0.8	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	852	0.0	10.3	-10.3	
9		PATNA-BALIA	Q/C	0	1034	0.0	17.3	-17.3	
10		BIHARSHARIFF-BALIA	D/C	0	343	0.0	5.6	-5.6	
11		BARH-GORAKHPUR	D/C	0	587	0.0	10.2	-10.2	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	3.1	-3.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	226	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						0.5	75.4	-74.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	861	0.0	4.3	-4.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	521	0.0	4.1	-4.1	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	169	0.0	1.0	-1.0	
21		JHARSUGUDA-RAIGARH	S/C	0	114	0.2	0.0	0.2	
22		IBEUL-RAIGARH	S/C	0	0	0.2	0.0	0.2	
23		STERLITE-RAIGARH	D/C	0	243	0.0	1.6	-1.6	
24	220 KV	RANCHI-SIPAT	D/C	0	182	1.8	0.0	1.8	
25		BUDHIPADAR-RAIGARH	S/C	0	138	0.0	1.8	-1.8	
26		BUDHIPADAR-KORBA	D/C	0	0	2.7	0.0	2.7	
ER-WR						4.8	12.8	-7.9	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.4	-11.4	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	356.0	0.0	16.5	-16.5	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2030.8	0.0	29.4	-29.4	
30	400 KV	TALCHER-I/C	D/C	0.0	223.9	10.2	0.2	10.0	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	57.3	-57.3	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	212	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	234	9.0	0.0	9	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.1	0.0	1	
ER-NER						10.1	0.0	10.1	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.1	0.0	11.1	
NER-NR						11.1	0.0	11.1	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.9	-34.9	
37		V'CHAL B/B	D/C	500	50	7.2	0.0	7.1	
38		APL -MHG	D/C	0	2513	0.0	52.2	-52.2	
39	765 KV	GWALIOR-AGRA	D/C	0	3100	0.0	51.2	-51.2	
40		PHAGI-GWALIOR	D/C	0	1504	0.0	27.0	-27.0	
41	400 KV	ZERDA-KANKROLI	S/C	228	0	5.8	0.0	5.8	
42		ZERDA -BHINMAL	S/C	386	0	4.0	0.0	4.0	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	378	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	42	36	0.4	0.1	0.3	
46		BADOD-MORAK	S/C	7	69	0.0	0.5	-0.4	
47		MEHGAON-AURAIYA	S/C	35	0	0.6	0.0	0.6	
48	132KV	MALANPUR-AURAIYA	S/C	23	20	0.1	0.1	0.0	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						18.0	168.9	-150.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.3	-16.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1882	0.0	20.8	-20.8	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	240	332	1.6	2.0	-0.4	
55		KOLHAPUR-CHIKODI	D/C	0	235	0.0	4.5	-4.5	
56	220 KV	PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	88	0	1.7	0.0	1.7	
WR-SR						3.3	61.5	-58.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.6	
59		NEPAL						-8.1	
60		BANGLADESH						-13.8	