



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: 03rd 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 02.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02 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 02nd 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

3-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46237	47461	37086	19108	2173	152064
Peak Shortage (MW)	1573	83	0	0	163	1818
Energy Met (MU)	1032	1114	878	366	38	3428
Hydro Gen(MU)	213	28	39	55	11	347
Wind Gen(MU)	14	34	20	-----	-----	68
Solar Gen (MU)*	3.58	12.53	26.30	1.59	0.07	44
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48023	48206	38844	19524	2467	152490

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	0.095	0.13	5.27	20.20	25.59	69.16	5.25

C. Power Supply Position in States

Region/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)
NR	Punjab	6243	0	139.3	87.1	-0.3	451
	Haryana	7300	0	145.3	111.4	-0.8	199
	Rajasthan	8871	0	191.1	73.6	2.8	463
	Delhi	4873	26	99.1	81.1	-0.5	121
	UP	16277	465	349.6	133.1	2.6	1440
	Uttarakhand	1678	190	37.1	17.1	2.0	187
	HP	1217	0	24.8	6.0	6.1	488
	J&K	1936	484	41.3	17.9	3.2	384
WR	Chandigarh	247	0	5.0	5.2	-0.2	65
	Chhattisgarh	3888	0	90.3	25.8	-1.1	86
	Gujarat	14868	0	333.6	77.8	2.0	395
	MP	8297	0	177.9	106.9	0.0	332
	Maharashtra	20820	28	471.4	143.1	1.5	679
	Goa	484	0	10.7	8.6	1.6	71
	DD	312	0	6.4	6.1	0.3	16
	DNH	753	0	16.6	16.2	0.5	43
SR	Essar steel	599	0	6.6	6.8	-0.2	138
	Andhra Pradesh	7097	0	154.5	36.9	5.1	359
	Telangana	6882	0	139.8	60.6	-1.8	393
	Karnataka	8736	0	192.8	70.8	2.9	377
	Kerala	3556	0	70.3	54.5	2.6	223
	Tamil Nadu	14501	0	313.2	167.8	-1.9	553
ER	Pondy	344	0	0.0	7.7	-0.5	16
	Bihar	3857	0	70.4	65.6	0.2	250
	DVC	2989	0	63.1	-48.1	-1.8	100
	Jharkhand	998	0	21.4	15.7	-0.2	100
	Odisha	4291	0	80.3	28.6	-1.1	250
	West Bengal	8001	0	129.9	27.1	1.4	150
NER	Sikkim	78	0	0.9	0.8	0.1	20
	Arunachal Pradesh	133	1	2.0	2.1	-0.1	45
	Assam	1333	7	22.1	16.1	2.4	215
	Manipur	140	1	2.2	2.1	0.1	31
	Meghalaya	300	0	4.9	1.9	-0.2	54
	Mizoram	75	0	1.5	1.3	0.1	10
	Nagaland	117	1	2.3	1.9	0.1	45
Tripura	221	6	2.9	2.5	0.1	39	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	2.8	-6.1	-8.2
Day peak (MW)	519.2	-275.1	-642.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	221.2	-195.0	72.2	-99.1	3.0	2.3
Actual(MU)	220.8	-205.7	69.8	-100.7	4.9	-10.9
O/D/U/D(MU)	-0.5	-10.6	-2.4	-1.6	1.9	-13.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5143	12360	3480	1100	640	22723
State Sector	12505	15761	6642	5273	110	40290
Total	17648	28121	10122	6373	749	63014

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारंपरा)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	3-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)									
1	765KV	GAYA-VARANASI	D/C	0	476	0.0	14.2	-14.2	
2		SASARAM-FATEHPUR	S/C	0	143	0.0	0.3	-0.3	
3	HVDC	GAYA-BALIA	S/C	0	449	0.0	7.5	-7.5	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	148	0.0	3.5	-3.5	
6		PUSAULI-VARANASI	S/C	0	151	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	55	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	852	0.0	8.5	-8.5	
9		PATNA-BALIA	Q/C	0	1051	0.0	18.6	-18.6	
10		BIHARSHARIFF-BALIA	D/C	0	347	0.0	6.0	-6.0	
11		BARH-GORAKHPUR	D/C	0	601	0.0	12.3	-12.3	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.5	-2.5		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	230	0.0	4.0	-4.0	
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	77.4	-76.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	813	0.0	10.6	-10.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	482	0.0	4.0	-4.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	159	0.0	1.9	-1.9	
21		JHARSUGUDA-RAIGARH	S/C	0	86	0.0	0.8	-0.8	
22		IBEUL-RAIGARH	S/C	0	0	0.0	0.8	-0.8	
23		STERLITE-RAIGARH	D/C	0	207	0.0	3.0	-3.0	
24	220 KV	RANCHI-SIPAT	D/C	0	128	0.0	0.0	0.0	
25		BUDHIPADAR-RAIGARH	S/C	0	152	0.0	2.5	-2.5	
26		BUDHIPADAR-KORBA	D/C	0	0	1.6	0.0	1.6	
ER-WR						1.6	23.5	-21.9	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.1	-14.1	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	353.2	0.0	13.1	-13.1	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2038.9	0.0	18.3	-18.3	
30	400 KV	TALCHER-1C	D/C	0.0	1315.5	1.1	0.7	0.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	45.5	-45.5	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1190	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1212	0.0	0.0	0	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.7	-1	
ER-NER						0.0	0.7	-0.7	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	488	500	2.6	0.0	2.6	
NER-NR						2.6	0.0	2.6	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.5	-36.5	
37		V'CHAL B/B	D/C	0	150	0.0	3.6	-3.6	
38		APL -MHG	D/C	0	2513	0.0	52.2	-52.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2666	0.0	47.2	-47.2	
40		PHAGI-GWALIOR	D/C	0	1576	0.0	28.5	-28.5	
41	400 KV	ZERDA-KANKROLI	S/C	331	0	5.8	0.0	5.8	
42		ZERDA -BHINMAL	S/C	290	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	378	0	3	-3	
45		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						11.1	171.3	-160.3	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.5	-18.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1643	0.0	29.3	-29.3	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	232	235	0.0	1.1	-1.1	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	235	0.0	4.5	-4.5	
56		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						1.7	71.3	-69.6	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						2.8	
59		NEPAL						-6.1	
60		BANGLADESH						-8.2	