



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: 24th 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., डोंगतिह, लोअर नोंग्रह, 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 23.05.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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 23 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

24-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46539	46103	37033	17068	2517	149260
Peak Shortage (MW)	1298	88	73	0	56	1516
Energy Met (MU)	1053	1119	865	393	43	3472
Hydro Gen(MU)	292	44	26	67	12	440
Wind Gen(MU)	14	70	55	-----	-----	138
Solar Gen (MU)*	3.69	12.59	24.70	1.25	0.02	42
Energy Shortage (MU)	9.6	0.3	0.0	0.0	1.0	10.9
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49438	49062	37944	18573	2595	153478

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	0.053	0.00	0.67	15.37	16.04	74.90	9.06

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	6837	0	155.9	104.2	0.8	157	0.0
	Haryana	6608	0	139.8	103.9	-0.9	150	0.0
	Rajasthan	9361	0	199.0	73.2	2.6	274	0.7
	Delhi	5026	0	97.9	86.4	-0.3	231	0.0
	UP	16997	1500	350.5	149.7	2.2	371	0.0
	Uttarakhand	1819	0	39.6	18.2	0.0	94	0.0
	HP	1290	0	26.6	5.0	3.2	255	0.0
	J&K	1873	468	37.8	16.4	-1.4	124	8.9
Chandigarh	294	0	5.7	5.9	-0.2	30	0.0	
WR	Chhattisgarh	3544	0	83.7	15.7	0.2	128	0.0
	Gujarat	14638	5	325.0	78.7	0.0	450	0.0
	MP	8226	14	182.9	99.0	-0.5	426	0.2
	Maharashtra	21896	0	483.2	125.1	2.5	966	0.1
	Goa	474	0	9.9	8.6	1.1	113	0.0
	DD	324	0	7.2	6.5	0.6	76	0.0
	DNH	756	0	16.9	16.6	0.3	94	0.0
	Essar steel	513	0	10.2	9.6	0.6	228	0.0
SR	Andhra Pradesh	7827	0	162.4	28.6	2.4	668	0.0
	Telangana	7043	0	150.3	87.2	-2.4	280	0.0
	Karnataka	8060	0	171.6	69.6	4.0	439	0.0
	Kerala	3675	0	68.7	56.1	1.1	194	0.0
	Tamil Nadu	14710	0	304.0	137.7	0.8	691	0.0
	Pondy	368	0	7.6	8.1	-0.5	36	0.0
ER	Bihar	3840	0	76.6	70.9	2.2	345	0.0
	DVC	2896	0	60.9	-48.0	-1.4	385	0.0
	Jharkhand	1067	0	22.2	17.7	-0.8	205	0.0
	Odisha	4281	0	86.2	27.5	-1.4	365	0.0
	West Bengal	7767	0	146.1	44.1	1.0	402	0.0
	Sikkim	75	0	0.8	0.9	-0.1	20	0.0
NER	Arunachal Pradesh	99	3	1.9	1.9	0.0	18	0.0
	Assam	1575	30	26.3	20.2	2.5	175	0.8
	Manipur	156	2	2.4	2.1	0.3	12	0.0
	Meghalaya	253	0	3.6	2.9	-0.4	6	0.0
	Mizoram	80	1	1.3	1.3	0.0	11	0.0
	Nagaland	109	1	2.4	2.1	0.2	16	0.0
Tripura	257	6	4.5	3.4	0.9	34	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	9.0	-5.8	-15.2
Day peak (MW)	359.0	-344.9	-156.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	164.7	-170.9	82.5	-79.2	6.7	3.8
Actual(MU)	160.6	-165.1	72.0	-77.8	9.7	-0.6
O/D/U/D(MU)	-4.1	5.8	-10.5	1.4	3.0	-4.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3422	16776	4280	1200	430	26107
State Sector	11355	15497	7902	5245	110	40109
Total	14777	32273	12182	6445	539	66216

*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(प्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 24-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	0	0.0	2.5	-2.5	
2		SASARAM-FATEHPUR	S/C	0	50	3.1	0.0	3.1	
3		GAYA-BALIA	S/C	0	424	0.0	5.9	-5.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	369	0.0	8.8	-8.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	303	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	112	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	390	0.0	3.5	-3.5	
9		PATNA-BALIA	Q/C	0	790	0.0	13.3	-13.3	
10		BIHARSHARIFF-BALIA	D/C	0	284	0.0	2.9	-2.9	
11		BARH-GORAKHPUR	D/C	0	529	0.0	11.2	-11.2	
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.2	0.0	1.2	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.6	0.0	0.6	
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0	
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	4.9	48.1	-43.2
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	310	2.1	0.0	2.1	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	428	0.0	4.5	-4.5	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	59	0.2	0.0	0.2	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.4	0.0	1.4	
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3	
23		STERLITE-RAIGARH	D/C	0	2	0.9	0.0	0.9	
24		RANCHI-SIPAT	D/C	0	26	2.3	0.0	2.3	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	106	0.0	1.1	-1.1	
26		BUDHIPADAR-KORBA	D/C	0	0	4.1	0.0	4.1	
						ER-WR	12.2	5.5	6.7
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.6	-10.6	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	351.9	0.0	19.6	-19.6	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2023.9	0.0	42.9	-42.9	
30	400 KV	TALCHER-I/C	D/C	0.0	839.6	0.0	11.2	-11.2	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	73.1	-73.1
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	867	0.0	5.1	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	718	0.0	4.2	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.4	-1	
						ER-NER	0.0	10.8	-10.8
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	291	502	0.0	2.0	-2.0	
						NER-NR	0.0	2.0	-2.0
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	29.1	-29.1	
37		V'CHAL B/B	D/C	500	0	7.2	0.0	7.2	
38		APL -MHG	D/C	0	2016	0.0	47.2	-47.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2374	0.0	37.6	-37.6	
40		PHAGI-GWALIOR	D/C	0	1090	0.0	19.1	-19.1	
41	400 KV	ZERDA-KANKROLI	S/C	404	0	6.7	0.0	6.7	
42		ZERDA -BHINMAL	S/C	337	0	4.8	0.0	4.8	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	437	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	67	25	0.6	0.1	0.5	
46		BADOD-MORAK	S/C	40	100	0.2	0.4	-0.2	
47		MEHGAON-AURAIYA	S/C	60	0	0.9	0.0	0.9	
48		MALANPUR-AURAIYA	S/C	35	16	0.3	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	20.6	136.1	-115.5
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	500	0.0	10.8	-10.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1740	0.0	21.7	-21.7	
53		WARDHA-NIZAMABAD	D/C	0	929	0.0	15.6	-15.6	
54	400 KV	KOLHAPUR-KUDGI	D/C	470	215	6.6	0.6	6.0	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	255	0.0	4.1	-4.1	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	99	0	2.0	0.0	2.0	
						WR-SR	8.6	52.8	-44.2
TRANSNATIONAL EXCHANGE									
58		BHUTAN						9.0	
59		NEPAL						-5.8	
60		BANGLADESH						-15.2	