



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: 19th 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, 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 18.05.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18-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 18 May 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

19-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48772	46293	35948	17815	2389	151217
Peak Shortage (MW)	2493	69	0	0	78	2639
Energy Met (MU)	1097	1124	888	374	43	3526
Hydro Gen(MU)	294	27	35	74	11	440
Wind Gen(MU)	27	90	93	-----	-----	210
Solar Gen (MU)*	0.77	12.67	25.00	2.07	0.02	41
Energy Shortage (MU)	15.8	0.0	0.0	0.0	0.6	16.4
Maximum Demand Met during the day (MW) (from NLDC SCADA)	51238	47739	38378	18315	2417	151986

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	0.041	0.00	0.02	9.54	9.56	74.11	16.33

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)	Energy Shortage (MU)
NR	Punjab	7227	0	163.4	91.5	1.5	309	0.0
	Haryana	7670	0	160.9	107.9	-0.4	221	0.0
	Rajasthan	9109	0	195.5	61.1	3.7	435	5.2
	Delhi	5769	0	117.1	96.4	-0.2	191	0.0
	UP	16865	800	351.3	153.3	1.9	495	0.0
	Uttarakhand	1839	225	39.7	16.4	1.0	177	1.6
	HP	1329	0	26.9	4.6	4.2	362	0.2
	J&K	1923	481	36.9	14.5	-0.8	220	8.7
Chandigarh	303	0	5.6	6.1	-0.4	32	0.0	
WR	Chhattisgarh	3618	0	85.1	19.4	-0.1	277	0.0
	Gujarat	15083	0	335.0	99.4	0.4	603	0.0
	MP	8047	0	179.5	93.1	-2.3	454	0.0
	Maharashtra	21644	0	480.1	147.7	0.5	785	0.0
	Goa	466	0	9.9	9.4	0.2	69	0.0
	DD	319	0	7.1	6.8	0.3	80	0.0
	DNH	747	0	16.7	17.4	-0.7	3	0.0
	Essar steel	430	0	10.6	9.7	0.9	201	0.0
SR	Andhra Pradesh	7640	0	168.7	49.5	3.0	359	0.0
	Telangana	6960	0	148.4	59.3	-0.8	330	0.0
	Karnataka	8273	0	178.2	63.9	2.4	400	0.0
	Kerala	3566	0	73.6	53.6	1.5	276	0.0
	Tamil Nadu	13921	0	311.2	124.8	1.3	447	0.0
	Pondy	357	0	7.8	7.7	0.1	136	0.0
ER	Bihar	3775	0	68.1	64.3	0.7	140	0.0
	DVC	2795	0	64.2	-44.9	-1.2	170	0.0
	Jharkhand	1125	0	22.3	18.2	-0.1	150	0.0
	Odisha	4086	0	85.5	26.6	0.7	240	0.0
	West Bengal	7457	0	133.0	32.6	3.0	330	0.0
	Sikkim	75	0	1.2	1.3	-0.1	8	0.0
NER	Arunachal Pradesh	97	1	2.3	1.8	0.4	19	0.0
	Assam	1523	29	26.8	21.1	1.9	89	0.3
	Manipur	132	7	2.3	2.2	0.1	12	0.0
	Meghalaya	259	0	4.1	2.8	0.0	38	0.0
	Mizoram	77	1	1.3	1.2	0.0	8	0.0
	Nagaland	93	2	2.1	1.8	0.1	5	0.0
	Tripura	239	12	3.8	2.7	-0.9	52	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	17.0	-8.7	-13.5
Day peak (MW)	792.7	-379.0	-634.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	196.2	-202.0	76.0	-74.3	7.2	3.1
Actual(MU)	194.3	-209.8	83.1	-74.8	8.7	1.4
O/D/U/D(MU)	-1.8	-7.9	7.1	-0.6	1.5	-1.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4712	11736	4260	1400	480	22587
State Sector	10500	13881	7042	5535	110	37068
Total	15212	25617	11302	6935	589	59655

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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 19-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	7.3	-7.3	
2		SASARAM-FATEHPUR	S/C	0	5	3.4	0.0	3.4	
3		GAYA-BALIA	S/C	0	440	0.0	6.7	-6.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	368	0.0	6.8	-6.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	250	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	156	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	573	0.0	6.4	-6.4	
9		PATNA-BALIA	Q/C	0	665	0.0	12.2	-12.2	
10		BIHARSHARIFF-BALIA	D/C	0	181	0.0	2.3	-2.3	
11		BARH-GORAKHPUR	D/C	0	534	0.0	10.8	-10.8	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	2.1	-2.1	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	228	0.0	4.5	-4.5	
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	4.0	59.2	-55.1
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	7.6	0.0	7.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	464	0.0	0.0	0.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.0	0.0	2.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.7	0.0	2.7	
22		IBEUL-RAIGARH	S/C	0	0	2.6	0.0	2.6	
23		STERLITE-RAIGARH	D/C	0	36	2.2	0.0	2.2	
24		RANCHI-SIPAT	D/C	0	33	2.9	0.0	2.9	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	126	0.0	0.7	-0.6	
26		BUDHIPADAR-KORBA	D/C	0	0	4.0	0.0	4.0	
						ER-WR	24.0	0.7	23.3
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	9.3	-9.3	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	312.3	0.0	12.5	-12.5	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2512.2	0.0	46.0	-46.0	
30	400 KV	TALCHER-I/C	D/C	0.0	1080.5	0.5	11.3	-10.8	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	67.9	-67.9
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	984	0.0	4.3	-4	
33		ALIPURDUAR-BONGAIGAON	D/C	0	788	0.0	4.2	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2	
						ER-NER	0.0	10.1	-10.1
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	487	501	0.0	3.1	-3.1	
						NER-NR	0.0	3.1	-3.1
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.8	-35.8	
37		V'CHAL B/B	D/C	500	250	4.3	3.9	0.4	
38		APL -MHG	D/C	0	2517	0.0	52.9	-52.9	
39	765 KV	GWALIOR-AGRA	D/C	0	2762	0.0	45.0	-45.0	
40		PHAGI-GWALIOR	D/C	0	1304	0.0	24.2	-24.2	
41	400 KV	ZERDA-KANKROLI	S/C	504	0	8.2	0.0	8.2	
42		ZERDA -BHINMAL	S/C	448	0	7.5	0.0	7.5	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	289	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	79	25	0.5	0.1	0.4	
46		BADOD-MORAK	S/C	43	66	0.2	0.3	-0.1	
47		MEHGAON-AURAIYA	S/C	54	0	0.8	0.0	0.8	
48		MALANPUR-AURAIYA	S/C	30	9	0.2	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	21.6	164.0	-142.3
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.2	-21.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	237	1491	237.0	17.0	220.0	
53		WARDHA-NIZAMABAD	D/C	0	651	0.0	8.5	-8.5	
54	400 KV	KOLHAPUR-KUDGI	D/C	507	59	2.9	0.6	2.2	
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	96	0	2.1	0.0	2.1	
						WR-SR	241.9	49.0	193.0
TRANSNATIONAL EXCHANGE									
58		BHUTAN						17.0	
59		NEPAL						-8.7	
60		BANGLADESH						-13.5	