



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: 26th April 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, शिल्लोंग - 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 25.04.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25 अप्रैल 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 25th April 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

26-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44878	48177	38677	19776	2087	153595
Peak Shortage (MW)	569	96	0	0	282	946
Energy Met (MU)	968	1180	944	390	35	3517
Hydro Gen(MU)	242	38	49	48	11	388
Wind Gen(MU)	14	61	56	-----	-----	131
Solar Gen (MU)*	3.63	13.17	24.30	0.78	0.01	42
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47078	49474	40340	20024	2206	153870

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	0.31	15.30	15.61	74.53	9.86

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	5835	0	121.0	71.1	-1.2	146
	Haryana	7078	0	136.6	104.8	-1.6	374
	Rajasthan	8677	0	186.5	76.7	-2.0	52
	Delhi	4961	0	100.8	80.3	-1.0	173
	UP	16318	0	315.9	116.2	-0.2	216
	Uttarakhand	1818	0	36.5	18.0	-0.6	141
	HP	1212	0	25.8	5.8	4.1	530
	J&K	1900	475	39.9	19.0	1.3	226
WR	Chandigarh	253	0	5.0	5.4	-0.5	24
	Chhattisgarh	3954	0	93.3	28.0	-0.4	163
	Gujarat	14942	21	334.9	82.7	-2.3	421
	MP	8215	0	215.9	106.5	-1.6	375
	Maharashtra	22249	0	491.5	155.0	-0.3	437
	Goa	521	0	10.1	9.6	-0.1	24
	DD	323	0	7.3	7.0	0.4	55
	DNH	750	0	17.2	16.4	0.8	57
SR	Essar steel	753	0	10.0	10.0	0.0	184
	Andhra Pradesh	7860	0	172.7	34.7	3.3	716
	Telangana	7651	0	161.2	70.5	-2.8	613
	Karnataka	9419	0	212.2	85.5	2.6	486
	Kerala	3851	0	77.6	60.7	1.6	208
	Tamil Nadu	13919	0	312.6	158.5	2.8	782
ER	Pondy	361	0	7.6	8.0	-0.4	25
	Bihar	3825	0	69.1	68.0	0.3	250
	DVC	2953	0	64.2	-41.2	-1.6	200
	Jharkhand	1199	0	24.8	17.5	2.1	100
	Odisha	4090	0	84.8	25.1	-1.3	400
	West Bengal	8140	0	146.5	38.8	1.2	500
NER	Sikkim	77	0	1.1	1.2	-0.1	18
	Arunachal Pradesh	89	2	2.0	1.9	0.0	35
	Assam	1384	95	20.1	15.0	0.8	185
	Manipur	148	3	2.4	1.9	0.4	19
	Meghalaya	274	0	3.9	2.4	-0.6	21
	Mizoram	73	3	1.2	1.0	0.2	25
	Nagaland	106	7	2.3	1.7	0.4	14
Tripura	180	5	2.9	0.4	1.8	47	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.8	-7.2	-14.2
Day peak (MW)	465.1	-413.6	-628.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	168.0	-202.9	106.0	-70.0	4.9	6.0
Actual(MU)	149.6	-186.7	107.9	-68.1	7.1	9.7
O/D/U/D(MU)	-18.4	16.2	1.9	1.9	2.2	3.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5181	10421	3270	1100	1582	21555
State Sector	12725	15300	9042	5839	110	43016
Total	17906	25721	12312	6939	1692	64571

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 26-Apr-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	260	0.0	6.9	-6.9	
2		SASARAM-FATEHPUR	S/C	0	75	2.0	0.0	2.0	
3		GAYA-BALIA	S/C	0	303	0.0	3.6	-3.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	149	0.0	3.5	-3.5	
6	400 KV	PUSAULI-VARANASI	S/C	0	162	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	48	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	541	0.0	3.9	-3.9	
9		PATNA-BALIA	Q/C	0	786	0.0	16.1	-16.1	
10		BIHARSHARIFF-BALIA	D/C	0	171	0.0	1.6	-1.6	
11		BARH-GORAKHPUR	D/C	0	523	0.0	10.3	-10.3	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.3	0.0	0.3	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	236	0.0	4.2	-4.2	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7	
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	3.0	49.9	-46.9
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	26	5.3	0.0	5.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	253	0.0	0.1	-0.1	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	51	0.7	0.0	0.7	
21		JHARSUGUDA-RAIGARH	S/C	0	25	0.9	0.0	0.9	
22		IBEUL-RAIGARH	S/C	0	0	0.9	0.0	0.9	
23		STERLITE-RAIGARH	D/C	0	101	0.0	0.4	-0.4	
24		RANCHI-SIPAT	D/C	0	0	4.1	0.0	4.1	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	131	0.0	1.4	-1.4	
26		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5	
						ER-WR	15.3	1.9	13.4
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.5	-13.5	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.1	0.0	16.2	-16.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2021.2	0.0	45.2	-45.2	
30	400 KV	TALCHER-I/C	D/C	0.0	667.8	3.1	0.5	2.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	74.9	-74.9
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	637	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	659	3.1	0.0	3	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.0	0	
						ER-NER	3.1	0.0	3.0
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.0	0.0	11.0	
						NER-NR	11.0	0.0	11.0
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	31.2	-31.2	
37		V'CHAL B/B	D/C	300	0	7.3	0.0	7.3	
38		APL -MHG	D/C	0	2316	0.0	49.2	-49.2	
39	765 KV	GWALIOR-AGRA	D/C	0	2466	0.0	38.6	-38.6	
40		PHAGI-GWALIOR	D/C	0	1258	0.0	23.3	-23.3	
41	400 KV	ZERDA-KANKROLI	S/C	331	7	4.3	0.0	4.3	
42		ZERDA -BHINMAL	S/C	230	90	2.8	0.0	2.8	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	229	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	18	51	1.3	0.8	0.5	
46		BADOD-MORAK	S/C	18	57	0.1	0.7	-0.6	
47		MEHGAON-AURAIYA	S/C	58	0	0.9	0.0	0.9	
48		MALANPUR-AURAIYA	S/C	35	32	0.4	0.0	0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	17.2	145.8	-128.6
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.1	-19.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1877	0.0	35.4	-35.4	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	99	328	0.0	2.9	-2.9	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	261	0.0	5.5	-5.5	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	84	0	1.5	0.0	1.5	
						WR-SR	1.5	80.8	-79.3
TRANSNATIONAL EXCHANGE									
58		BHUTAN						7.8	
59		NEPAL						-7.2	
60		BANGLADESH						-14.2	