



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: 18th 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, 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 16.04.2017.

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 17 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 17th 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

18-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	46943	48734	39252	20077	2246	157252
Peak Shortage (MW)	586	122	0	150	98	955
Energy Met (MU)	986	1157	933	393	36	3505
Hydro Gen(MU)	236	58	52	34	7	387
Wind Gen(MU)	13	64	81	-----	-----	159
Solar Gen (MU)*	0.91	13.39	23.70	1.30	0.03	39

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	1.19	11.64	12.84	74.02	13.15

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	6007	0	120.7	65.0	-1.3	136
	Haryana	6878	7	124.1	96.3	-0.1	266
	Rajasthan	8784	0	189.9	68.7	0.7	274
	Delhi	4845	0	99.1	81.7	0.5	139
	UP	16809	0	335.9	145.4	2.2	448
	Uttarakhand	1917	0	36.1	16.3	-0.3	112
	HP	1262	0	25.0	6.9	1.4	238
	J&K	2312	578	50.6	20.2	9.8	642
WR	Chandigarh	249	0	4.9	4.9	0.0	23
	Chhattisgarh	4032	0	94.3	31.4	-1.0	155
	Gujarat	15361	0	341.0	78.2	-0.5	293
	MP	8351	0	183.3	107.9	-3.7	220
	Maharashtra	22296	0	494.5	148.4	3.6	609
	Goa	510	0	10.5	9.3	0.7	49
	DD	324	0	7.2	6.8	0.4	31
	DNH	727	0	16.1	15.5	0.6	166
SR	Essar steel	751	0	9.7	9.4	0.3	156
	Andhra Pradesh	7735	0	169.4	19.3	8.1	349
	Telangana	8228	0	168.9	74.9	1.0	227
	Karnataka	9070	0	198.5	75.7	2.8	285
	Kerala	3793	0	75.7	55.4	1.8	303
	Tamil Nadu	14085	0	313.3	140.4	0.7	346
ER	Pondy	355	0	7.4	8.0	-0.6	18
	Bihar	3720	150	66.6	63.8	2.7	250
	DVC	3084	0	65.8	-35.6	-0.1	240
	Jharkhand	1148	0	24.9	15.7	3.1	270
	Odisha	4057	0	79.9	19.6	-1.0	220
	West Bengal	8616	0	154.9	45.2	2.1	250
NER	Sikkim	97	0	1.3	0.5	0.8	42
	Arunachal Pradesh	88	2	1.9	1.5	0.4	44
	Assam	1384	46	21.3	16.5	1.3	250
	Manipur	148	1	2.3	2.1	0.2	13
	Meghalaya	258	0	4.4	2.6	-0.4	35
	Mizoram	79	2	1.3	1.0	0.3	33
	Nagaland	96	5	1.9	1.6	0.1	53
Tripura	220	15	2.9	2.7	-0.8	81	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.2	-8.2	-15.0
Day peak (MW)	314.9	-380.0	-656.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	173.9	-211.5	83.8	-49.1	7.0	4.1
Actual(MU)	180.7	-225.7	73.9	-38.3	2.7	-6.6
O/D/U/D(MU)	6.8	-14.1	-9.9	10.8	-4.3	-10.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4826	9709	2720	1800	750	19805
State Sector	11815	14101	8062	5784	110	39872
Total	16641	23810	10782	7584	859	59677

*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(बि०प्र०)/

अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	18-Apr-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)								Import=(+ve) /Export =(-ve) for NET (MU)	
1	765KV	GAYA-VARANASI	D/C	0	282	0.0	7.2	-7.2	
2		SASARAM-FATEHPUR	S/C	0	0	3.8	0.0	3.8	
3	HVDC	GAYA-BALIA	S/C	0	395	0.0	6.0	-6.0	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	149	0.0	3.2	-3.2	
6		PUSAULI-VARANASI	S/C	0	152	0.0	3.1	-3.1	
7		PUSAULI -ALLAHABAD	S/C	0	34	0.0	0.1	-0.1	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	367	0.0	0.4	-0.4	
9		PATNA-BALIA	Q/C	0	731	0.0	11.4	-11.4	
10		BIHARSHARIFF-BALIA	D/C	0	148	0.0	1.3	-1.3	
11		BARH-GORAKHPUR	D/C	0	536	0.0	11.6	-11.6	
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.6	0.0	1.6	
13		PUSAULI-SAHUPURI	S/C	0	238	0.0	5.3	-5.3	
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						5.9	49.5	-43.5	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	114	4.9	0.0	4.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.8	0.0	9.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	3.0	0.0	3.0	
21		JHARSUGUDA-RAIGARH	S/C	0	0	3.0	0.0	3.0	
22		IBEUL-RAIGARH	S/C	0	0	2.9	0.0	2.9	
23		STERLITE-RAIGARH	D/C	0	41	0.9	0.0	0.9	
24	220 KV	RANCHI-SIPAT	D/C	0	0	10.4	0.0	10.4	
25		BUDHIPADAR-RAIGARH	S/C	0	75	0.0	0.6	-0.6	
26		BUDHIPADAR-KORBA	D/C	0	0	2.4	0.0	2.4	
ER-WR						37.2	0.6	36.6	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.8	-12.8	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	694.2	0.0	15.0	-15.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2307.6	0.0	44.3	-44.3	
30	400 KV	TALCHER-1C	D/C	0.0	1297.9	0.0	1.9	-1.9	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	72.1	-72.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1270	0.0	1.0	-1	
33		ALIPURDUAR-BONGAIGAON	D/C	0	974	0.0	0.1	0	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.7	-1	
ER-NER						0.0	1.7	-1.7	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	500	5.0	3.8	1.2	
NER-NR						5.0	3.8	1.2	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	26.4	-26.4	
37		V'CHAL B/B	D/C	500	0	8.9	0.0	8.9	
38	765 KV	APL -MHG	D/C	0	2516	0.0	50.2	-50.2	
39		GWALIOR-AGRA	D/C	0	2762	0.0	48.7	-48.7	
40	400 KV	PHAGI-GWALIOR	D/C	0	1290	0.0	25.1	-25.1	
41		ZERDA-KANKROLI	S/C	344	0	5.3	0.0	5.3	
42		ZERDA -BHINMAL	S/C	267	74	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	341	0	3	-3	
45		BADOD-KOTA	S/C	50	50	0.0	0.0	0.0	
46	220 KV	BADOD-MORAK	S/C	23	96	0.0	0.5	-0.5	
47		MEHGAON-AURAIYA	S/C	46	0	0.6	0.0	0.6	
48	132KV	MALANPUR-AURAIYA	S/C	32	2	0.2	0.0	0.2	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						19.1	154.0	-134.9	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.6	-21.6	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1663	0.0	26.1	-26.1	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	85	402	0.1	3.3	-3.2	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	241	0.0	5.2	-5.2	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	81	0	1.9	0.0	1.9	
WR-SR						2.0	74.2	-72.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						3.2	
59		NEPAL						-8.2	
60		BANGLADESH						-15.0	