



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: 17th 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 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 16.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 15 अप्रैल 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 16th April 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 17-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	42883	46543	35766	18874	2106	146171
Peak Shortage (MW)	449	23	0	150	87	709
Energy Met (MU)	922	1124	906	380	32	3364
Hydro Gen(MU)	222	36	31	33	6	328
Wind Gen(MU)	11	63	67	-----	-----	141
Solar Gen (MU)*	3.80	13.25	23.70	1.20	0.02	42

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	0.033	0.00	0.00	1.19	1.19	68.25	30.56

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	6040	0	115.4	61.1	-3.6	378
	Haryana	6663	0	113.3	94.3	0.1	520
	Rajasthan	8628	0	189.3	69.1	3.0	541
	Delhi	4391	0	87.8	76.2	-2.6	299
	UP	15971	0	318.4	132.2	4.2	1207
	Uttarakhand	1619	0	33.0	19.8	-6.6	0
	HP	1154	0	23.1	8.5	-1.1	127
	J&K	1847	462	37.6	22.6	-5.6	0
WR	Chandigarh	206	0	4.0	4.5	-0.5	11
	Chhattisgarh	3977	0	92.6	35.3	-1.5	88
	Gujarat	14792	0	331.7	71.4	1.1	326
	MP	8609	0	180.2	111.4	-1.1	433
	Maharashtra	21038	0	476.7	143.2	0.5	740
	Goa	450	0	9.6	8.5	0.6	85
	DD	303	0	6.5	6.3	0.2	40
	DNH	749	0	17.2	16.4	0.8	45
SR	Essar steel	770	0	9.9	9.5	0.5	213
	Andhra Pradesh	7371	0	165.4	20.5	1.3	699
	Telangana	7828	0	164.5	77.5	0.0	323
	Karnataka	8867	0	198.0	80.0	4.4	427
	Kerala	3563	0	69.2	53.4	2.2	230
	Tamil Nadu	13130	0	301.1	136.6	0.7	809
ER	Pondy	341	0	7.3	7.8	-0.6	55
	Bihar	3641	0	64.5	63.4	1.0	220
	DVC	3051	0	64.1	-35.8	0.4	240
	Jharkhand	1068	0	23.9	17.3	0.7	145
	Odisha	3838	0	82.6	21.3	2.6	280
	West Bengal	7736	0	143.8	42.6	2.4	300
NER	Sikkim	82	0	1.1	1.0	0.1	21
	Arunachal Pradesh	86	5	2.0	1.6	0.4	44
	Assam	1267	63	17.3	13.0	0.6	250
	Manipur	148	1	3.0	2.0	1.0	13
	Meghalaya	241	0	3.8	2.9	-0.7	35
	Mizoram	74	2	1.4	1.1	0.3	33
NER	Nagaland	96	5	1.6	1.8	-0.4	53
	Tripura	204	1	2.7	2.9	-1.5	81

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.2	-7.3	-14.4
Day peak (MW)	372.4	-322.6	-652.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	160.4	-212.5	94.0	-47.7	5.1	-0.7
Actual(MU)	153.5	-209.3	85.9	-39.4	-2.6	-11.9
O/D/U/D(MU)	-6.9	3.3	-8.1	8.3	-7.7	-11.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4826	11329	2220	1500	775	20650
State Sector	12415	15371	7252	6494	110	41642
Total	17241	26700	9472	7994	884	62292

*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 :	17-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)									
1	765KV	GAYA-VARANASI	D/C	0	277	0.0	7.7	-7.7	
2		SASARAM-FATEHPUR	S/C	0	0	2.8	0.0	2.8	
3		GAYA-BALIA	S/C	0	391	0.0	3.7	-3.7	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	HVDC	PUSAULI B/B	S/C	0	149	0.0	3.7	-3.7	
6		PUSAULI-VARANASI	S/C	0	147	0.0	0.0	0.0	
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	40	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	543	0.0	5.5	-5.5	
9		PATNA-BALIA	Q/C	0	742	0.0	16.3	-16.3	
10		BIHARSHARIFF-BALIA	D/C	0	154	0.0	2.3	-2.3	
11		BARH-GORAKHPUR	D/C	0	489	0.0	9.6	-9.6	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.2	0.0	0.2	
13		PUSAULI-SAHUPURI	S/C	0	228	0.0	3.2	-3.2	
14	220 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						3.5	52.1	-48.6	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	64	4.2	0.0	4.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	82	7.2	0.0	7.2	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.4	0.0	2.4	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.4	0.0	2.4	
22		IBEUL-RAIGARH	S/C	0	0	2.5	0.0	2.5	
23		STERLITE-RAIGARH	D/C	0	30	0.9	0.0	0.9	
24		RANCHI-SIPAT	D/C	0	0	7.6	0.0	7.6	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	76	0.0	0.5	-0.5	
26		BUDHIPADAR-KORBA	D/C	0	0	2.5	0.0	2.5	
ER-WR						29.7	0.5	29.3	
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	350.5	0.0	16.5	-16.5	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2038.9	0.0	46.5	-46.5	
30	400 KV	TALCHER-1C	D/C	0.0	108.0	13.6	0.3	13.3	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	75.9	-75.9	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	181	6.5	0.0	6	
33		ALIPURDUAR-BONGAIGAON	D/C	0	182	5.8	0.0	6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.3	0.0	1	
ER-NER						13.6	0.0	13.6	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.4	0.0	11.4	
NER-NR						11.4	0.0	11.4	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	23.8	-23.8	
37		V'CHAL B/B	D/C	500	0	11.5	0.0	11.5	
38		APL -MHG	D/C	0	2014	0.0	34.1	-34.1	
39	765 KV	GWALIOR-AGRA	D/C	0	2864	0.0	49.6	-49.6	
40		PHAGI-GWALIOR	D/C	0	1306	0.0	23.6	-23.6	
41	400 KV	ZERDA-KANKROLI	S/C	231	0	3.1	0.0	3.1	
42		ZERDA -BHINMAL	S/C	173	85	1.8	0.0	1.8	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	386	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	40	46	0.4	0.3	0.0	
46		BADOD-MORAK	S/C	12	75	0.0	0.7	-0.7	
47		MEHGAON-AURAIYA	S/C	47	0	0.8	0.0	0.8	
48		MALANPUR-AURAIYA	S/C	27	10	0.2	0.0	0.2	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						17.8	135.2	-117.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.4	-23.4	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1759	0.0	32.5	-32.5	
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	238	0.0	5.0	-5.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	83	0	1.9	0.0	1.9	
WR-SR						2.0	82.1	-80.1	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.2	
59		NEPAL						-7.3	
60		BANGLADESH						-14.4	