



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: 15th 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, लापालंग, 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 14.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 14 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 14th 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

15-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43028	48820	37611	19858	2304	151620
Peak Shortage (MW)	393	35	0	200	57	685
Energy Met (MU)	942	1164	935	408	41	3490
Hydro Gen(MU)	203	31	33	39	7	313
Wind Gen(MU)	15	49	31	-----	-----	95
Solar Gen (MU)*	-2.94	13.31	22.50	1.29	0.03	34

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	0.056	0.00	1.22	12.21	13.43	71.26	15.31

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)
NR	Punjab	5862	0	120.4	64.4	-3.5	119
	Haryana	6554	0	120.2	95.7	-3.0	360
	Rajasthan	6851	0	186.9	73.0	-2.7	294
	Delhi	4153	0	88.0	74.2	-0.4	310
	UP	16152	0	322.2	133.2	1.9	729
	Uttarakhand	1700	0	36.1	18.2	1.3	186
	HP	1164	0	24.9	10.8	-0.6	127
	J&K	1809	452	39.2	22.9	-4.4	70
WR	Chandigarh	210	0	4.1	4.0	0.2	52
	Chhattisgarh	4008	0	94.6	34.2	-1.0	413
	Gujarat	15652	0	343.9	75.6	-4.0	553
	MP	8345	0	184.3	114.0	-1.3	275
	Maharashtra	22036	0	497.4	138.9	-2.1	572
	Goa	472	0	10.2	9.5	0.5	36
	DD	310	0	7.0	7.1	0.0	28
	DNH	742	0	17.0	16.1	0.9	57
SR	Essar steel	487	0	9.2	8.7	0.4	214
	Andhra Pradesh	7283	0	163.3	32.9	-1.5	379
	Telangana	8436	0	174.2	78.8	-0.2	300
	Karnataka	9795	0	214.8	89.3	-0.4	651
	Kerala	3384	0	64.7	54.8	1.4	211
	Tamil Nadu	13635	0	310.5	152.5	-1.6	486
ER	Pondy	336	0	7.5	7.9	-0.4	79
	Bihar	3702	100	72.0	65.5	4.1	434
	DVC	3011	0	66.5	-38.5	0.1	345
	Jharkhand	1130	0	25.4	16.5	2.7	145
	Odisha	4272	0	83.6	25.7	2.3	365
	West Bengal	8297	0	159.3	56.2	-1.3	398
NER	Sikkim	99	0	1.3	1.0	0.3	20
	Arunachal Pradesh	97	2	2.1	1.6	0.5	44
	Assam	1405	27	24.0	17.8	2.8	250
	Manipur	139	2	3.1	2.0	1.0	13
	Meghalaya	268	0	4.3	2.9	0.0	35
	Mizoram	77	1	1.3	0.9	0.4	33
NER	Nagaland	103	2	1.7	1.5	0.0	53
	Tripura	238	0	4.4	3.1	-0.2	81

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.7	-8.3	-14.8
Day peak (MW)	245.2	-378.0	-665.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	182.5	-237.8	95.5	-45.6	8.0	2.5
Actual(MU)	182.1	-245.5	89.4	-35.9	6.3	-3.6
O/D/U/D(MU)	-0.4	-7.6	-6.1	9.7	-1.7	-6.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5326	10599	3020	1300	750	20995
State Sector	11780	12991	5872	6384	110	37137
Total	17106	23590	8892	7684	859	58132

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(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 :	15-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	259	0.0	6.4	-6.4	
2		SASARAM-FATEHPUR	S/C	0	0	3.8	0.0	3.8	
3	HVDC	GAYA-BALIA	S/C	0	383	0.0	5.6	-5.6	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	150	0.0	3.6	-3.6	
6		PUSAULI-VARANASI	S/C	0	171	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	18	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	234	0.0	1.4	-1.4	
9		PATNA-BALIA	Q/C	0	704	0.0	14.8	-14.8	
10		BIHARSHARIFF-BALIA	D/C	0	91	0.0	1.1	-1.1	
11		BARH-GORAKHPUR	D/C	0	545	0.0	11.6	-11.6	
12	BIHARSHARIFF-VARANASI	D/C	0	0	2.0	0.0	2.0		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.3	-4.3	
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						6.4	48.8	-42.5	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	115	4.8	0.0	4.8	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.4	0.0	8.4	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.6	0.0	2.6	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.6	0.0	2.6	
22		IBEUL-RAIGARH	S/C	0	0	2.5	0.0	2.5	
23		STERLITE-RAIGARH	D/C	0	7	2.1	0.0	2.1	
24	220 KV	RANCHI-SIPAT	D/C	0	0	10.3	0.0	10.3	
25		BUDHIPADAR-RAIGARH	S/C	0	78	0.0	0.7	-0.7	
26		BUDHIPADAR-KORBA	D/C	0	0	2.1	0.0	2.1	
ER-WR						35.4	0.7	34.7	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.0	-17.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	291.9	0.0	13.5	-13.5	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.6	0.0	46.6	-46.6	
30	400 KV	TALCHER-1C	D/C	0.0	371.7	5.1	0.6	4.5	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	77.1	-77.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	462	1.7	0.0	2	
33		ALIPURDUAR-BONGAIGAON	D/C	0	399	3.4	0.0	3	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.1	0	
ER-NER						5.1	0.1	5.0	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	500	0	11.5	0.0	11.5	
NER-NR						11.5	0.0	11.5	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.1	-36.1	
37		V'CHAL B/B	D/C	200	0	5.0	0.0	5.0	
38		APL -MHG	D/C	0	1513	0.0	49.3	-49.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2880	0.0	51.4	-51.4	
40		PHAGI-GWALIOR	D/C	0	1196	0.0	24.1	-24.1	
41	400 KV	ZERDA-KANKROLI	S/C	301	0	4.6	0.0	4.6	
42		ZERDA -BHINMAL	S/C	251	79	3.3	0.0	3.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	345	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	60	18	0.6	0.1	0.6	
46		BADOD-MORAK	S/C	12	70	0.0	0.4	-0.4	
47		MEHGAON-AURAIYA	S/C	42	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	19	17	0.1	0.1	0.0	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						14.2	164.2	-149.9	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	23.7	-23.7	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1832	0.0	35.3	-35.3	
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	252	0.0	5.2	-5.2	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	92	0	2.0	0.0	2.0	
WR-SR						2.1	85.4	-83.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						3.7	
59		NEPAL						-8.3	
60		BANGLADESH						-14.8	