



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: 04th 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 03.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02 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 03rd 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

4-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	43870	47394	38998	18641	1898	150801
Peak Shortage (MW)	1218	24	25	0	371	1638
Energy Met (MU)	925	1132	965	374	26	3421
Hydro Gen(MU)	141	41	60	50	10	302
Wind Gen(MU)	24	54	34	-----	-----	111
Solar Gen (MU)*	3.26	12.83	21.00	1.28	0.02	38

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	0.037	0.00	0.23	7.79	8.02	76.27	15.71

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	6077	0	120.6	58.1	-0.4	134
	Haryana	6643	0	118.6	91.5	0.2	227
	Rajasthan	8445	0	179.3	53.6	3.9	412
	Delhi	4187	0	87.2	70.1	0.1	191
	UP	21504	0	313.2	112.2	3.7	542
	Uttarakhand	1811	0	35.2	19.2	1.4	178
	HP	1329	0	25.7	12.2	2.7	199
	J&K	1931	483	40.4	25.8	1.1	195
WR	Chhattisgarh	3906	0	91.8	51.0	-0.4	238
	Gujarat	14950	0	329.5	102.2	-14.5	386
	MP	8266	0	180.3	101.1	-2.4	359
	Maharashtra	22449	0	487.6	135.1	2.1	423
	Goa	500	0	10.3	8.9	0.9	35
	DD	309	0	6.8	6.5	0.3	51
	DNH	719	0	16.4	16.6	-0.2	57
	Essar steel	479	0	9.8	9.2	0.6	188
SR	Andhra Pradesh	7356	0	162.2	28.2	2.3	850
	Telangana	8974	0	184.6	111.6	-0.8	383
	Karnataka	9930	0	221.4	70.3	1.7	722
	Kerala	3833	0	75.9	49.4	2.0	423
	Tamil Nadu	14368	0	314.0	146.6	1.0	531
	Pondy	337	0	7.2	7.7	-0.5	21
ER	Bihar	3795	0	72.7	64.7	1.9	250
	DVC	2991	0	64.1	-33.6	-0.8	200
	Jharkhand	1161	0	24.7	18.4	1.2	100
	Odisha	3998	0	69.9	13.6	0.3	225
	West Bengal	7678	0	141.1	38.2	0.8	250
NER	Sikkim	59	0	1.0	1.4	-0.4	12
	Arunachal Pradesh	103	0	1.8	2.2	-0.4	15
	Assam	1194	199	15.9	10.3	1.3	178
	Manipur	139	4	0.8	1.8	-1.0	15
	Meghalaya	257	0	3.1	1.8	-0.9	41
	Mizoram	74	1	1.3	1.3	0.0	16
	Nagaland	92	2	0.8	1.6	-0.9	12
Tripura	200	3	2.1	2.0	-0.3	78	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.3	-6.7	-14.4
Day peak (MW)	676.5	-368.5	-643.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	183.9	-208.5	101.0	-64.8	-4.8	6.8
Actual(MU)	175.2	-238.8	103.4	-56.4	-12.0	-28.6
O/D/U/D(MU)	-8.7	-30.3	2.4	8.4	-7.2	-35.4

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5683	9906	4020	1825	537	21971
State Sector	13290	17104	6202	6509	110	43215
Total	18973	27010	10222	8334	646	65186

*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(ग्रि०प्र०)/अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसीको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	4-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	228	0.0	5.8	-5.8	
2		SASARAM-FATEHPUR	S/C	0	50	2.3	0.0	2.3	
3	HVDC	GAYA-BALIA	S/C	0	265	0.0	4.8	-4.8	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	147	0.0	3.7	-3.7	
6		PUSAULI-VARANASI	S/C	0	140	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	52	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	436	0.0	5.7	-5.7	
9		PATNA-BALIA	Q/C	0	689	0.0	15.0	-15.0	
10		BIHARSHARIFF-BALIA	D/C	0	83	0.0	1.6	-1.6	
11		BARH-GORAKHPUR	D/C	0	444	0.0	9.8	-9.8	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.7	0.0	0.7		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	235	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	0.5	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						3.6	50.8	-47.2	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	5.4	0.0	5.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	7.1	0.0	7.1	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	0.9	0.0	0.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.7	0.0	1.7	
22		IBEUL-RAIGARH	S/C	0	0	1.6	0.0	1.6	
23		STERLITE-RAIGARH	D/C	0	126	0.0	0.9	-0.9	
24	220 KV	RANCHI-SIPAT	D/C	0	0	6.6	0.0	6.6	
25		BUDHIPADAR-RAIGARH	S/C	0	98	0.0	0.9	-0.9	
26		BUDHIPADAR-KORBA	D/C	0	0	1.4	0.0	1.4	
ER-WR						24.8	1.8	22.9	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.6	-15.6	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	350.5	0.0	16.0	-16.0	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2023.9	0.0	42.9	-42.9	
30	400 KV	TALCHER-1C	D/C	0.0	901.3	0.2	0.8	-0.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	74.5	-74.5	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	873	0.0	0.3	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	706	0.2	0.0	0	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.2	0	
ER-NER						0.2	0.4	-0.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	12.4	-12.4	
NER-NR						0.0	12.4	-12.4	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	24.1	-24.1	
37		V'CHAL B/B	D/C	0	500	0.0	10.0	-10.0	
38		APL -MHG	D/C	0	1513	0.0	31.4	-31.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2482	0.0	51.3	-51.3	
40		PHAGI-GWALIOR	D/C	0	1390	0.0	27.8	-27.8	
41	400 KV	ZERDA-KANKROLI	S/C	222	0	3.2	0.0	3.2	
42		ZERDA -BHINMAL	S/C	225	74	2.5	0.0	2.5	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	359	0	3	-3	
45	220 KV	BADOD-KOTA	S/C	20	32	0.1	0.2	-0.1	
46		BADOD-MORAK	S/C	0	74	0.0	1.0	-1.0	
47		MEHGAON-AURAIYA	S/C	44	2	0.5	0.0	0.5	
48	132KV	MALANPUR-AURAIYA	S/C	18	16	0.1	0.1	-0.1	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						6.4	149.1	-142.7	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.1	-22.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1673	0.0	28.0	-28.0	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	293	125	2.3	0.1	2.2	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	273	0.0	5.8	-5.8	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	95	0	1.9	0.0	1.9	
WR-SR						4.2	74.0	-69.8	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						11.3	
59		NEPAL						-6.7	
60		BANGLADESH						-14.4	