



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: 24th 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, 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 23.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23 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 23th 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

24-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	42947	45084	36729	16060	2139	142959
Peak Shortage (MW)	457	34	0	0	70	561
Energy Met (MU)	941	1111	895	358	36	3342
Hydro Gen(MU)	291	35	42	44	9	422
Wind Gen(MU)	14	75	60	-----	-----	149
Solar Gen (MU)*	3.94	12.96	25.60	1.25	0.00	44
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47039	48244	39095	16588	2293	150590

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	0.031	0.00	0.00	2.21	2.21	76.67	21.12

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	5508	0	103.0	65.1	-2.0	155
	Haryana	7090	0	127.7	94.5	0.0	0
	Rajasthan	9074	0	194.9	77.3	2.8	456
	Delhi	5019	0	93.8	74.6	-2.0	162
	UP	15682	0	324.5	144.1	-0.5	420
	Uttarakhand	1678	0	34.2	20.4	-0.9	226
	HP	1110	17	22.4	1.7	3.4	279
WR	J&K	1757	439	35.7	16.8	-0.8	338
	Chandigarh	215	0	4.5	5.2	-0.7	4
	Chhattisgarh	4066	0	93.4	30.7	-1.9	127
	Gujarat	14276	0	323.9	71.8	0.0	379
	MP	8292	0	178.3	108.2	-0.2	282
	Maharashtra	20739	0	472.6	148.5	1.4	575
	Goa	425	0	9.1	8.7	0.0	88
SR	DD	294	0	6.8	6.5	0.3	24
	DNH	735	0	17.1	16.1	1.0	63
	Essar steel	480	0	10.2	10.3	-0.1	136
	Andhra Pradesh	7518	0	164.6	29.9	3.5	674
	Telangana	7237	0	156.8	75.3	-2.8	229
	Karnataka	8690	0	198.0	74.1	4.2	508
	Kerala	3646	0	70.3	52.3	2.0	332
ER	Tamil Nadu	13514	0	298.1	146.7	1.7	887
	Pondy	343	0	7.6	7.8	-0.2	72
	Bihar	3735	0	66.9	67.2	-2.7	200
	DVC	2882	0	63.6	-31.8	-0.9	220
	Jharkhand	1141	0	25.7	20.8	2.9	125
	Odisha	4121	0	82.3	25.0	-0.5	240
	West Bengal	6031	0	118.6	24.9	-2.6	250
NER	Sikkim	67	0	0.9	1.3	-0.4	21
	Arunachal Pradesh	100	2	2.0	1.8	0.2	35
	Assam	1311	37	21.6	16.1	1.5	185
	Manipur	135	2	2.4	2.2	0.2	19
	Meghalaya	264	0	4.1	2.5	-0.6	21
	Mizoram	75	0	1.5	1.1	0.3	25
	Nagaland	106	1	1.9	1.8	-0.1	14
Tripura	165	10	2.8	1.6	-0.8	47	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.7	-4.4	-11.9
Day peak (MW)	552.4	-309.5	-640.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	144.5	-203.1	100.5	-50.3	4.4	-3.9
Actual(MU)	158.5	-219.8	109.1	-57.0	4.3	-4.9
O/D/U/D(MU)	14.0	-16.7	8.6	-6.7	-0.1	-1.0

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5171	10741	3270	1370	723	21276
State Sector	13215	16131	7812	6679	110	43947
Total	18386	26872	11082	8049	833	65223

*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(वि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	24-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	308	0.0	5.6	-5.6	
2		SASARAM-FATEHPUR	S/C	0	0	3.1	0.0	3.1	
3	HVDC	GAYA-BALIA	S/C	0	356	0.0	4.3	-4.3	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	149	0.0	3.7	-3.7	
6		PUSAULI-VARANASI	S/C	0	158	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	33	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	589	0.0	6.7	-6.7	
9		PATNA-BALIA	Q/C	0	872	0.0	15.4	-15.4	
10		BIHARSHARIFF-BALIA	D/C	0	211	0.0	1.9	-1.9	
11		BARH-GORAKHPUR	D/C	0	542	0.0	10.4	-10.4	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.5	0.0	0.5		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	235	0.0	4.4	-4.4	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.8	0.0	0.8	
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						4.3	52.2	-47.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	60	6.9	0.0	6.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	244	1.7	0.0	1.7	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	37	1.0	0.0	1.0	
21		JHARSUGUDA-RAIGARH	S/C	0	22	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	99	0.0	0.3	-0.3	
24	220 KV	RANCHI-SIPAT	D/C	0	0	5.6	0.0	5.6	
25		BUDHIPADAR-RAIGARH	S/C	0	128	0.0	1.6	-1.6	
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6	
ER-WR						20.6	1.8	18.8	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.0	-14.0	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	321.9	0.0	14.9	-14.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2017.1	0.0	38.2	-38.2	
30	400 KV	TALCHER-1C	D/C	0.0	181.5	7.7	0.3	7.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	67.0	-67.0	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	220	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	242	7.2	0.0	7	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.4	0.0	0	
ER-NER						7.7	0.0	7.7	
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	25.9	-25.9	
37		V'CHAL B/B	D/C	350	0	5.5	0.0	5.5	
38		APL -MHG	D/C	0	2315	0.0	47.3	-47.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2536	0.0	31.8	-31.8	
40		PHAGI-GWALIOR	D/C	0	1326	0.0	19.5	-19.5	
41	400 KV	ZERDA-KANKROLI	S/C	372	0	5.7	0.0	5.7	
42		ZERDA -BHINMAL	S/C	198	20	4.3	0.0	4.3	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	367	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	46	48	0.4	0.3	0.1	
46		BADOD-MORAK	S/C	1	92	0.0	0.9	-0.9	
47		MEHGAON-AURAIYA	S/C	64	0	0.8	0.0	0.8	
48		MALANPUR-AURAIYA	S/C	31	4	0.2	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						17.0	127.8	-110.8	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	16.8	-16.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	2008	0.0	33.3	-33.3	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	108	408	0.4	3.2	-2.8	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	258	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	1.8	0.0	1.8	
WR-SR						2.2	76.7	-74.5	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						8.7	
59		NEPAL						-4.4	
60		BANGLADESH						-11.9	