



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: 13th April 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, 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 12.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 12 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 12th 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

13-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	44219	48328	39021	19820	2371	153759
Peak Shortage (MW)	759	109	0	23	21	912
Energy Met (MU)	899	1145	968	402	41	3456
Hydro Gen(MU)	171	41	56	37	7	312
Wind Gen(MU)	14	39	24	-----	-----	78
Solar Gen (MU)*	3.87	13.41	23.80	1.38	0.03	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	0.056	0.00	1.22	12.21	13.43	71.26	15.31

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	5436	0	110.1	64.7	1.6	184
	Haryana	6401	0	113.3	92.2	0.5	208
	Rajasthan	8134	381	179.5	70.2	0.7	284
	Delhi	4100	0	83.7	70.1	-0.6	188
	UP	15696	25	309.7	124.8	1.5	704
	Uttarakhand	1731	0	34.4	18.3	-0.4	132
	HP	1306	0	24.9	10.6	1.7	168
	J&K	1907	477	39.5	25.3	-1.4	125
WR	Chhattisgarh	3813	0	91.8	38.4	-0.6	119
	Gujarat	15002	0	332.6	74.6	-0.2	407
	MP	8296	0	179.9	110.9	-1.6	442
	Maharashtra	22740	0	498.2	147.7	-1.1	528
	Goa	500	0	10.7	9.1	1.1	140
	DD	319	0	7.2	6.7	0.5	60
	DNH	742	0	16.9	16.2	0.7	67
	Essar steel	452	0	8.0	8.4	-0.4	149
SR	Andhra Pradesh	7420	0	166.3	32.0	2.8	603
	Telangana	8128	0	174.0	78.0	0.1	363
	Karnataka	9623	0	215.3	82.2	1.8	427
	Kerala	3793	0	77.2	54.4	1.9	319
	Tamil Nadu	14746	0	327.2	173.9	-0.7	803
	Pondy	354	0	7.9	8.1	-0.2	32
ER	Bihar	3611	0	66.7	63.5	1.0	250
	DVC	3011	0	64.8	-37.7	0.0	225
	Jharkhand	1132	0	24.6	17.0	1.3	125
	Odisha	4319	0	83.1	19.4	-0.2	250
	West Bengal	8605	0	162.1	55.2	1.0	250
NER	Sikkim	74	0	1.1	1.3	-0.2	15
	Arunachal Pradesh	95	3	2.1	1.8	0.3	36
	Assam	1414	0	24.0	17.3	3.3	192
	Manipur	152	1	2.1	1.7	0.4	25
	Meghalaya	284	0	4.7	2.5	-0.3	77
	Mizoram	83	1	1.3	1.1	0.2	23
	Nagaland	111	1	2.2	1.6	0.4	46
Tripura	244	2	4.5	1.9	0.9	74	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.4	-6.8	-14.2
Day peak (MW)	297.0	-277.3	-642.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.0	-237.6	95.3	-47.8	3.3	2.2
Actual(MU)	184.5	-239.3	92.0	-40.0	5.9	3.1
O/D/U/D(MU)	-4.5	-1.8	-3.3	7.8	2.6	0.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4826	11749	1930	1300	508	20314
State Sector	13260	14946	6002	6304	110	40622
Total	18086	26695	7932	7604	618	60936

*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 :	13-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	204	0.0	4.3	-4.3	
2		SASARAM-FATEHPUR	S/C	0	0	4.7	0.0	4.7	
3	HVDC	GAYA-BALIA	S/C	0	330	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	149	0.0	3.6	-3.6	
6		PUSAULI-VARANASI	S/C	0	186	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	8	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	217	1.2	0.0	1.2	
9		PATNA-BALIA	Q/C	0	669	0.0	11.1	-11.1	
10		BIHARSHARIFF-BALIA	D/C	0	37	0.4	0.0	0.4	
11		BARH-GORAKHPUR	D/C	0	562	0.0	10.8	-10.8	
12	BIHARSHARIFF-VARANASI	D/C	0	0	3.4	0.0	3.4		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	239	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	0.6	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						10.3	39.1	-28.8	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	9.4	0.0	9.4	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	45	10.2	0.0	10.2	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	3.9	0.0	3.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.1	0.0	2.1	
22		IBEUL-RAIGARH	S/C	0	0	4.2	0.0	4.2	
23		STERLITE-RAIGARH	D/C	0	61	0.7	0.0	0.7	
24	220 KV	RANCHI-SIPAT	D/C	0	0	7.4	0.0	7.4	
25		BUDHIPADAR-RAIGARH	S/C	0	141	0.0	1.3	-1.3	
26		BUDHIPADAR-KORBA	D/C	0	15	1.2	0.0	1.2	
ER-WR						39.1	1.3	37.9	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.9	-13.9	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	14.7	-14.7	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2311.7	0.0	47.2	-47.2	
30	400 KV	TALCHER-1C	D/C	0.0	1188.6	0.0	10.1	-10.1	
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	1166	0.0	4.6	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	934	0.0	3.8	-4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1	
ER-NER						0.0	9.6	-9.6	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	489	500	0.1	3.8	-3.8	
NER-NR						0.1	3.8	-3.8	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	24.6	-24.6	
37		V'CHAL B/B	D/C	400	100	7.6	0.3	7.3	
38		APL -MHG	D/C	0	2518	0.0	52.1	-52.1	
39	765 KV	GWALIOR-AGRA	D/C	0	2970	0.0	47.0	-47.0	
40		PHAGI-GWALIOR	D/C	0	2116	0.0	30.2	-30.2	
41	400 KV	ZERDA-KANKROLI	S/C	250	3	3.1	0.0	3.1	
42		ZERDA -BHINMAL	S/C	190	79	1.6	0.0	1.6	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	452	0	4	-4	
45	220 KV	BADOD-KOTA	S/C	46	20	0.3	0.0	0.3	
46		BADOD-MORAK	S/C	0	40	0.0	0.4	-0.4	
47		MEHGAON-AURAIYA	S/C	35	0	0.5	0.0	0.5	
48		MALANPUR-AURAIYA	S/C	25	15	0.0	0.0	0.0	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						13.1	158.4	-145.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.9	-21.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1951	0.0	32.7	-32.7	
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	255	0.0	5.3	-5.3	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	95	0	2.0	0.0	2.0	
WR-SR						2.1	81.2	-79.0	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						4.4	
59		NEPAL						-6.8	
60		BANGLADESH						-14.2	