



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: 14th 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 नॉग्रह, लापालंग, शिल्लोंग - 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 13.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 13 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 13th 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

14-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	45004	48066	38997	20100	2249	154416
Peak Shortage (MW)	873	60	0	400	195	1528
Energy Met (MU)	925	1156	971	417	41	3510
Hydro Gen(MU)	191	33	48	40	7	319
Wind Gen(MU)	7	41	23	-----	-----	71
Solar Gen (MU)*	3.09	13.17	23.10	1.32	0.03	41

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	5789	0	111.3	64.4	-0.3	177
	Haryana	6344	218	118.7	95.7	-0.3	279
	Rajasthan	8305	472	179.1	73.0	-0.1	188
	Delhi	4231	6	86.7	74.2	-1.6	113
	UP	15818	0	324.9	133.2	2.3	360
	Uttarakhand	1874	0	34.9	18.2	0.0	195
	HP	1270	0	25.1	10.8	1.5	197
	J&K	1941	485	40.7	22.9	-2.0	203
WR	Chhattisgarh	3956	0	92.6	34.7	1.5	313
	Gujarat	15485	0	341.2	68.7	-0.9	411
	MP	8366	0	183.7	113.5	-2.0	243
	Maharashtra	22687	0	496.6	149.8	-1.2	479
	Goa	489	0	10.7	9.3	1.0	143
	DD	303	0	6.9	6.1	0.8	65
	DNH	744	0	16.9	16.2	0.6	72
	Essar steel	402	0	7.8	7.5	0.2	154
SR	Andhra Pradesh	7385	0	168.7	34.9	5.7	387
	Telangana	8193	0	174.7	75.1	-0.4	198
	Karnataka	9969	0	217.8	86.3	2.4	495
	Kerala	3195	0	72.9	55.9	1.6	300
	Tamil Nadu	14702	0	329.0	168.3	0.6	651
	Pondy	350	0	7.8	8.0	-0.2	53
ER	Bihar	3776	100	69.9	65.0	2.7	385
	DVC	3029	0	66.2	-40.2	-0.3	315
	Jharkhand	1108	0	24.6	16.7	1.4	195
	Odisha	8386	0	89.0	23.6	1.0	419
	West Bengal	8533	0	165.3	50.8	1.3	475
NER	Sikkim	74	0	1.9	1.7	0.1	20
	Arunachal Pradesh	94	2	2.1	1.6	0.5	44
	Assam	1442	38	23.8	16.7	3.5	250
	Manipur	148	2	2.4	2.0	0.5	13
	Meghalaya	277	0	4.8	2.8	-0.1	35
	Mizoram	80	2	1.4	0.9	0.4	33
	Nagaland	110	2	2.2	1.5	0.5	53
Tripura	242	5	3.9	2.2	0.7	81	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.7	-9.1	-15.2
Day peak (MW)	463.6	-323.2	-665.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	194.2	-234.9	94.5	-54.8	4.7	3.7
Actual(MU)	184.2	-242.1	89.9	-36.8	7.2	2.5
O/D/U/D(MU)	-10.0	-7.2	-4.6	18.0	2.5	-1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5326	10899	2430	1300	758	20714
State Sector	12380	13876	6002	6384	110	38752
Total	17706	24775	8432	7684	868	59466

*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(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	14-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	217	0.0	5.9	-5.9	
2		SASARAM-FATEHPUR	S/C	0	0	3.8	0.0	3.8	
3		GAYA-BALIA	S/C	0	330	0.0	4.8	-4.8	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	149	0.0	3.4	-3.4	
6	400 KV	PUSAULI-VARANASI	S/C	0	158	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	19	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	232	0.0	1.4	-1.4	
9		PATNA-BALIA	Q/C	0	755	0.0	4.8	-4.8	
10		BIHARSHARIFF-BALIA	D/C	0	69	0.0	0.7	-0.7	
11		BARH-GORAKHPUR	D/C	0	526	0.0	11.2	-11.2	
12		BIHARSHARIFF-VARANASI	D/C	0	0	2.1	0.0	2.1	
13		PUSAULI-SAHUPURI	S/C	0	243	0.0	4.6	-4.6	
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						6.6	36.7	-30.1	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	79	3.6	0.0	3.6	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	81	5.8	0.0	5.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	2.2	0.0	2.2	
21		JHARSUGUDA-RAIGARH	S/C	0	0	2.2	0.0	2.2	
22		IBEUL-RAIGARH	S/C	0	0	2.2	0.0	2.2	
23		STERLITE-RAIGARH	D/C	0	106	0.1	0.0	0.1	
24	220 KV	RANCHI-SIPAT	D/C	0	0	7.9	0.0	7.9	
25		BUDHIPADAR-RAIGARH	S/C	0	108	0.0	0.9	-0.9	
26		BUDHIPADAR-KORBA	D/C	0	1	1.2	0.0	1.2	
ER-WR						25.2	0.9	24.3	
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	2033.5	0.0	47.1	-47.1	
30	400 KV	TALCHER-1C	D/C	0.0	408.7	4.2	0.8	3.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	75.7	-75.7	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	494	1.4	0.0	1	
33		ALIPURDUAR-BONGAIGAON	D/C	0	424	2.8	0.0	3	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.2	0	
ER-NER						4.2	0.2	4.0	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	492	0	11.6	0.0	11.6	
NER-NR						11.6	0.0	11.6	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.4	-36.4	
37		V'CHAL B/B	D/C	500	0	6.9	0.0	6.9	
38		APL -MHG	D/C	0	2520	0.0	60.4	-60.4	
39	765 KV	GWALIOR-AGRA	D/C	0	2698	0.0	48.8	-48.8	
40		PHAGI-GWALIOR	D/C	0	1340	0.0	25.0	-25.0	
41	400 KV	ZERDA-KANKROLI	S/C	337	0	4.9	0.0	4.9	
42		ZERDA -BHINMAL	S/C	295	5	3.2	0.0	3.2	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	402	0	4	-4	
45	220 KV	BADOD-KOTA	S/C	45	14	0.6	0.0	0.6	
46		BADOD-MORAK	S/C	5	47	0.0	0.4	-0.4	
47		MEHGAON-AURAIYA	S/C	43	0	0.8	0.0	0.8	
48		MALANPUR-AURAIYA	S/C	24	2	0.2	0.0	0.2	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						16.6	174.6	-158.0	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.3	-22.3	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1747	0.0	33.8	-33.8	
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	248	0.0	5.0	-5.0	
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	82.3	-80.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.7	
59		NEPAL						-9.1	
60		BANGLADESH						-15.2	