



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: 19th 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, 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 18.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 18 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 18th 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

19-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	45689	49060	39584	20063	2318	156713
Peak Shortage (MW)	466	135	0	0	83	685
Energy Met (MU)	1007	1162	961	403	40	3574
Hydro Gen(MU)	256	50	64	38	8	416
Wind Gen(MU)	14	76	57	-----	-----	147
Solar Gen (MU)*	3.91	13.36	24.00	1.22	0.03	43

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	0.050	0.17	0.79	9.94	10.90	80.45	8.65

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	6061	0	122.5	78.7	0.5	248
	Haryana	7099	25	132.6	100.5	-0.7	112
	Rajasthan	8928	0	193.4	73.6	1.2	271
	Delhi	4980	0	102.8	86.6	-1.6	105
	UP	16615	0	348.5	153.5	0.7	341
	Uttarakhand	1901	0	38.3	15.8	-1.3	109
	HP	1237	0	25.4	8.5	-0.2	182
	J&K	1865	466	38.4	19.2	-0.4	300
WR	Chandigarh	276	0	5.3	5.3	0.1	38
	Chhattisgarh	4038	0	95.1	32.4	-2.4	108
	Gujarat	15293	0	340.5	79.6	-1.4	403
	MP	8505	0	182.7	100.1	-1.4	489
	Maharashtra	22857	0	499.3	162.1	2.4	647
	Goa	493	0	11.1	9.4	1.2	88
	DD	322	0	7.3	6.8	0.4	29
	DNH	747	0	16.8	15.9	0.8	73
SR	Essar steel	444	0	9.2	9.3	-0.1	162
	Andhra Pradesh	7716	0	170.8	19.3	4.2	602
	Telangana	8302	0	174.1	73.2	1.1	248
	Karnataka	9594	0	211.2	74.9	3.5	395
	Kerala	3842	0	76.4	52.7	1.6	326
	Tamil Nadu	14696	0	320.6	159.2	5.8	615
ER	Pondy	355	0	7.6	8.0	-0.4	31
	Bihar	3791	0	65.8	64.5	1.1	200
	DVC	2817	0	65.6	-33.8	-1.3	150
	Jharkhand	1154	0	25.3	17.1	2.2	200
	Odisha	4080	0	83.6	23.6	-1.0	200
	West Bengal	8646	0	161.6	41.6	3.2	450
NER	Sikkim	95	0	1.4	1.1	0.3	40
	Arunachal Pradesh	86	4	2.1	1.6	0.5	26
	Assam	1462	18	23.3	17.3	2.3	186
	Manipur	151	1	2.5	2.1	0.3	10
	Meghalaya	277	0	4.8	2.8	0.2	34
	Mizoram	79	3	1.4	1.0	0.4	32
	Nagaland	102	1	2.1	1.7	0.1	16
	Tripura	200	16	4.0	2.7	0.5	83

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	3.7	-8.5	-14.8
Day peak (MW)	346.2	-397.2	-650.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	185.0	-208.6	72.6	-50.7	7.2	5.6
Actual(MU)	177.1	-226.2	79.3	-39.9	11.0	1.3
O/D/U/D(MU)	-7.9	-17.6	6.7	10.8	3.8	-4.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4816	9815	2720	1300	725	19376
State Sector	13795	14896	7652	6104	110	42557
Total	18611	24711	10372	7404	834	61933

*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(बि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	19-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	243	0.0	6.4	-6.4	
2		SASARAM-FATEHPUR	S/C	0	0	4.0	0.0	4.0	
3	HVDC	GAYA-BALIA	S/C	0	373	0.0	6.2	-6.2	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	149	0.0	3.5	-3.5	
6		PUSAULI-VARANASI	S/C	0	151	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	25	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	344	0.0	1.0	-1.0	
9		PATNA-BALIA	Q/C	0	793	0.0	15.3	-15.3	
10		BIHARSHARIFF-BALIA	D/C	0	154	0.0	2.0	-2.0	
11		BARH-GORAKHPUR	D/C	0	608	0.0	11.3	-11.3	
12	BIHARSHARIFF-VARANASI	D/C	0	0	1.4	0.0	1.4		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	4.8	-4.8	
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						6.0	50.5	-44.6	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	118	5.9	0.0	5.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	7.6	0.0	7.6	
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	2.5	0.0	2.5	
22		IBEUL-RAIGARH	S/C	0	0	2.5	0.0	2.5	
23		STERLITE-RAIGARH	D/C	0	57	0.5	0.0	0.5	
24	220 KV	RANCHI-SIPAT	D/C	0	0	8.7	0.0	8.7	
25		BUDHIPADAR-RAIGARH	S/C	0	93	0.0	1.0	-1.0	
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6	
ER-WR						34.0	1.0	33.0	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	10.7	-10.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	343.7	0.0	15.2	-15.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.6	0.0	43.7	-43.7	
30	400 KV	TALCHER-1C	D/C	0.0	567.8	1.0	0.8	0.2	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	69.6	-69.6	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	581	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	600	1.0	0.0	1	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.3	0	
ER-NER						1.0	0.3	0.7	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	700	0	13.3	0.0	13.3	
NER-NR						13.3	0.0	13.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	34.3	-34.3	
37		V'CHAL B/B	D/C	500	0	9.3	0.0	9.3	
38		APL -MHG	D/C	0	2517	0.0	46.5	-46.5	
39	765 KV	GWALIOR-AGRA	D/C	0	3056	0.0	52.4	-52.4	
40		PHAGI-GWALIOR	D/C	0	1186	0.0	21.7	-21.7	
41	400 KV	ZERDA-KANKROLI	S/C	231	0	3.6	0.0	3.6	
42		ZERDA -BHINMAL	S/C	186	18	2.1	0.0	2.1	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44	220 KV	RAPP-SHUJALPUR	D/C	0	341	0	4	-4	
45		BADOD-KOTA	S/C	3	74	0.0	0.7	-0.7	
46		BADOD-MORAK	S/C	0	121	0.0	1.5	-1.5	
47		MEHGAON-AURAIYA	S/C	40	0	0.6	0.0	0.6	
48	132KV	MALANPUR-AURAIYA	S/C	10	16	0.1	0.1	0.0	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						15.7	161.3	-145.6	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	24.0	-24.0	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1507	0.0	22.1	-22.1	
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	244	0.0	5.0	-5.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	92	0	1.8	0.0	1.8	
WR-SR						1.9	72.4	-70.5	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						3.7	
59		NEPAL						-8.5	
60		BANGLADESH						-14.8	