



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: 22nd 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, 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 21.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 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 21st 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

22-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48711	47774	37933	19786	2129	156333
Peak Shortage (MW)	37	105	0	200	114	456
Energy Met (MU)	1042	1156	936	398	37	3569
Hydro Gen(MU)	299	34	50	41	8	432
Wind Gen(MU)	15	89	97	-----	-----	200
Solar Gen (MU)*	-2.36	13.46	23.30	1.03	0.01	35
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49303	48710	43593	19981	2340	155542

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	0.042	0.00	0.57	8.01	8.58	76.82	14.61

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	6833	0	136.7	76.1	1.8	242
	Haryana	7125	325	139.5	104.6	0.3	334
	Rajasthan	9440	53	196.8	70.8	2.5	378
	Delhi	5637	0	114.6	93.0	0.0	220
	UP	17332	-2100	350.9	150.3	1.6	489
	Uttarakhand	1895	0	39.3	22.0	-0.3	107
	HP	1207	0	25.6	3.8	-10.2	206
	J&K	1813	453	32.2	16.4	-3.4	222
WR	Chandigarh	321	0	6.1	6.2	-0.1	28
	Chhattisgarh	3878	0	91.6	34.0	-1.4	145
	Gujarat	15458	0	348.5	72.1	-2.9	563
	MP	8466	0	184.7	101.7	-1.1	630
	Maharashtra	21573	0	485.4	165.0	-0.9	485
	Goa	518	0	11.1	9.5	1.0	82
	DD	321	0	7.3	6.9	0.4	33
	DNH	746	0	17.2	16.5	0.7	47
SR	Essar steel	496	0	10.1	9.5	0.5	192
	Andhra Pradesh	7526	0	160.0	27.4	1.0	433
	Telangana	7994	0	168.6	69.6	-0.8	496
	Karnataka	9258	0	204.3	71.1	1.9	278
	Kerala	3648	0	73.6	55.7	1.2	240
	Tamil Nadu	14819	0	321.8	134.3	-1.4	811
ER	Pondy	352	0	7.8	8.1	-0.3	42
	Bihar	3836	100	69.1	69.2	-1.0	385
	DVC	2925	0	66.4	-35.4	-1.3	365
	Jharkhand	1145	0	24.8	16.8	2.4	225
	Odisha	4240	0	83.6	23.2	0.7	402
	West Bengal	8359	0	153.3	37.1	3.0	439
NER	Sikkim	73	0	1.2	0.8	0.4	25
	Arunachal Pradesh	86	3	2.0	1.6	0.5	35
	Assam	1348	39	22.2	16.4	2.3	185
	Manipur	146	1	2.3	2.0	0.3	19
	Meghalaya	258	0	4.2	2.7	-0.6	21
	Mizoram	79	0	1.5	1.1	0.4	25
	Nagaland	99	1	2.1	1.8	0.0	14
Tripura	147	36	2.4	1.6	-1.3	47	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.7	-6.7	-13.6
Day peak (MW)	373.1	-313.5	-608.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	170.1	-204.1	80.5	-51.4	6.6	1.7
Actual(MU)	166.9	-206.0	70.5	-41.0	7.5	-2.2
O/D/U/D(MU)	-3.3	-2.0	-10.0	10.4	0.9	-3.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5271	9266	3520	1600	1086	20744
State Sector	12380	15836	7602	6299	110	42227
Total	17651	25102	11122	7899	1196	62971

*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 :	22-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	286	0.0	5.5	-5.5	
2		SASARAM-FATEHPUR	S/C	0	0	3.9	0.0	3.9	
3	HVDC	GAYA-BALIA	S/C	0	404	0.0	4.7	-4.7	
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	165	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	28	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	385	0.0	2.1	-2.1	
9		PATNA-BALIA	Q/C	0	803	0.0	14.7	-14.7	
10		BIHARSHARIFF-BALIA	D/C	0	175	0.0	1.3	-1.3	
11		BARH-GORAKHPUR	D/C	0	550	0.0	10.7	-10.7	
12		BIHARSHARIFF-VARANASI	D/C	0	0	1.2	0.0	1.2	
13		PUSAULI-SAHUPURI	S/C	0	243	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	0.7	0.0	0.7	
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						5.8	47.3	-41.5	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	501	4.2	0.0	4.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	86	6.2	0.0	6.2	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	7	1.6	0.0	1.6	
21		JHARSUGUDA-RAIGARH	S/C	0	6	1.5	0.0	1.5	
22		IBEUL-RAIGARH	S/C	0	0	1.4	0.0	1.4	
23		STERLITE-RAIGARH	D/C	0	101	0.0	0.3	-0.3	
24	220 KV	RANCHI-SIPAT	D/C	0	0	7.7	0.0	7.7	
25		BUDHIPADAR-RAIGARH	S/C	0	116	0.0	1.2	-1.2	
26		BUDHIPADAR-KORBA	D/C	0	0	4.0	0.0	4.0	
ER-WR						26.6	1.5	25.1	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	13.5	-13.5	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	454.2	0.0	15.4	-15.4	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2019.8	0.0	39.1	-39.1	
30	400 KV	TALCHER-1C	D/C	0.0	473.6	3.9	0.3	3.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	68.1	-68.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	496	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	518	3.8	0.0	4	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.2	0.0	0	
ER-NER						3.9	0.0	3.9	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	490	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	36.0	-36.0	
37		V'CHAL B/B	D/C	200	100	3.8	0.4	3.4	
38		APL -MHG	D/C	0	2317	0.0	58.5	-58.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2930	0.0	41.1	-41.1	
40		PHAGI-GWALIOR	D/C	0	1290	0.0	21.3	-21.3	
41	400 KV	ZERDA-KANKROLI	S/C	377	0	6.1	0.0	6.1	
42		ZERDA -BHINMAL	S/C	338	105	5.9	0.0	5.9	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	303	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	26	58	0.0	0.7	-0.7	
46		BADOD-MORAK	S/C	0	95	0.0	1.7	-1.7	
47		MEHGAON-AURAIYA	S/C	61	0	0.7	0.0	0.7	
48	132KV	MALANPUR-AURAIYA	S/C	35	7	0.2	0.0	0.2	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						16.7	162.1	-145.4	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.6	-17.6	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1820	0.0	27.5	-27.5	
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	5.5	-5.5	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	93	0	1.5	0.0	1.5	
WR-SR						1.6	71.9	-70.2	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.7	
59		NEPAL						-6.7	
60		BANGLADESH						-13.6	