



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: 23rd 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 22.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22 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 22nd 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

23-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44866	47731	39182	18652	2127	152558
Peak Shortage (MW)	479	0	0	200	90	769
Energy Met (MU)	982	1146	929	375	37	3469
Hydro Gen(MU)	284	26	47	38	9	404
Wind Gen(MU)	14	88	81	-----	-----	183
Solar Gen (MU)*	0.61	13.28	25.70	1.05	0.00	41
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47373	48504	40318	18719	2274	152714

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	0.040	0.00	0.01	3.34	3.36	66.94	29.70

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	6116	0	109.7	65.3	-3.1	368
	Haryana	7120	0	127.8	97.9	-2.8	390
	Rajasthan	9266	0	200.1	76.1	4.1	337
	Delhi	5453	0	109.7	88.5	-0.8	218
	UP	16534	90	342.6	144.8	0.0	402
	Uttarakhand	1798	0	35.1	19.5	-1.6	190
	HP	1129	0	22.3	1.9	1.4	389
	J&K	1877	469	30.2	14.7	-4.1	161
WR	Chandigarh	242	0	4.9	5.7	-0.8	0
	Chhattisgarh	4074	0	91.4	34.8	-0.9	272
	Gujarat	15461	0	339.5	74.1	-0.4	395
	MP	8443	0	184.4	108.1	2.0	630
	Maharashtra	21799	0	486.8	163.9	1.5	730
	Goa	479	0	10.8	9.4	0.7	78
	DD	301	0	5.9	5.8	0.2	27
	DNH	764	0	17.2	16.4	0.9	51
SR	Essar steel	474	0	9.7	9.7	0.0	203
	Andhra Pradesh	7582	0	164.0	29.2	3.8	723
	Telangana	7792	0	163.0	68.3	-3.7	446
	Karnataka	9168	0	205.1	71.1	3.6	386
	Kerala	3670	0	73.6	55.0	1.8	280
	Tamil Nadu	14270	0	316.2	144.1	1.9	886
ER	Pondy	356	0	7.5	7.8	-0.3	37
	Bihar	3691	100	69.0	67.0	1.2	365
	DVC	2805	0	66.2	-34.9	0.1	305
	Jharkhand	1265	0	23.8	16.9	1.0	165
	Odisha	4337	0	81.8	24.7	-1.1	356
	West Bengal	7395	0	133.2	36.3	-4.1	325
NER	Sikkim	65	0	1.0	1.5	-0.4	20
	Arunachal Pradesh	92	1	2.1	1.7	0.3	35
	Assam	1378	7	21.7	16.2	1.9	185
	Manipur	139	3	2.3	2.2	0.1	19
	Meghalaya	228	0	4.1	2.8	-0.6	21
	Mizoram	75	3	1.2	1.1	0.0	25
	Nagaland	107	2	1.8	1.8	-0.2	14
Tripura	157	26	3.9	1.8	0.2	47	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	7.2	-6.8	-10.0
Day peak (MW)	401.2	-174.9	-592.8

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	159.5	-192.6	80.7	-55.0	5.7	-1.7
Actual(MU)	141.9	-189.5	81.6	-49.9	6.7	-9.3
O/D/U/D(MU)	-17.6	3.1	0.9	5.1	1.0	-7.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5671	9951	3020	1100	769	20512
State Sector	14215	16791	7812	6899	110	45827
Total	19886	26742	10832	7999	879	66339

*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 : 23-Apr-17
								Import=(+ve) /Export =(-ve) for NET (MU)
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	347	0.0	6.3	-6.3
2		SASARAM-FATEHPUR	S/C	0	0	3.3	0.0	3.3
3		GAYA-BALIA	S/C	0	456	0.0	4.8	-4.8
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5	HVDC	PUSAULI B/B	S/C	0	149	0.0	3.5	-3.5
6		PUSAULI-VARANASI	S/C	0	145	0.0	0.0	0.0
7	400 KV	PUSAULI -ALLAHABAD	S/C	0	34	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	528	0.0	5.6	-5.6
9		PATNA-BALIA	Q/C	0	875	0.0	15.9	-15.9
10		BIHARSHARIFF-BALIA	D/C	0	223	0.0	2.4	-2.4
11		BARH-GORAKHPUR	D/C	0	595	0.0	10.7	-10.7
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.3	-0.3
13		PUSAULI-SAHUPURI	S/C	0	243	0.0	4.7	-4.7
14	220 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						4.1	54.3	-50.2
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	208	5.0	0.0	5.0
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	27	4.7	0.0	4.7
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	0	1.7	0.0	1.7
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.7	0.0	1.7
22		IBEUL-RAIGARH	S/C	0	0	1.7	0.0	1.7
23		STERLITE-RAIGARH	D/C	0	191	0.8	0.0	0.8
24	220 KV	RANCHI-SIPAT	D/C	0	0	6.5	0.0	6.5
25		BUDHIPADAR-RAIGARH	S/C	0	127	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	3.6	0.0	3.6
ER-WR						25.8	1.1	24.7
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.1	-14.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	321.9	0.0	15.4	-15.4
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2026.7	0.0	34.5	-34.5
30	400 KV	TALCHER-1C	D/C	0.0	521.8	6.0	0.2	5.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	64.0	-64.0
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	509	0.0	0.0	0
33		ALIPURDUAR-BONGAIGAON	D/C	0	531	5.6	0.0	6
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.5	0.0	0
ER-NER						6.0	0.0	6.0
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	750	0	12.6	0.0	12.6
NER-NR						12.6	0.0	12.6
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	26.2	-26.2
37		V'CHAL B/B	D/C	400	400	7.5	2.1	5.5
38		APL -MHG	D/C	0	1311	0.0	37.0	-37.0
39	765 KV	GWALIOR-AGRA	D/C	0	2864	0.0	38.6	-38.6
40		PHAGI-GWALIOR	D/C	0	1500	0.0	20.3	-20.3
41	400 KV	ZERDA-KANKROLI	S/C	328	0	5.2	0.0	5.2
42		ZERDA -BHINMAL	S/C	305	159	4.8	0.0	4.8
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	1	0	2	-2
45	220 KV	BADOD-KOTA	S/C	39	57	0.3	0.3	0.0
46		BADOD-MORAK	S/C	4	99	0.0	0.8	-0.8
47		MEHGAON-AURAIYA	S/C	59	0	1.0	0.0	1.0
48		MALANPUR-AURAIYA	S/C	27	2	0.3	0.0	0.3
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0
WR-NR						19.1	127.0	-107.9
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	18.2	-18.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1819	0.0	30.5	-30.5
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9
54	400 KV	KOLHAPUR-KUDGI	D/C	375	192	2.6	0.9	1.7
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	251	0.0	5.4	-5.4
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0
57		XELDEM-AMBEWADI	S/C	88	0	1.7	0.0	1.7
WR-SR						4.3	73.0	-68.7
TRANSNATIONAL EXCHANGE								
58		BHUTAN						7.2
59		NEPAL						-6.8
60		BANGLADESH						-10.0