



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: 30th 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 29.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 29 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 29th 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

30-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	44231	44829	36628	19766	2195	147649
Peak Shortage (MW)	481	71	0	200	180	932
Energy Met (MU)	996	1105	915	414	32	3462
Hydro Gen(MU)	221	36	37	55	9	358
Wind Gen(MU)	13	59	24	-----	-----	96
Solar Gen (MU)*	2.78	12.46	26.10	0.54	0.03	42
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46411	47891	40089	20164	2390	149462

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	0.046	0.00	0.24	11.20	11.45	74.94	13.61

C. Power Supply Position in States

RegionRegion	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	6863	0	140.9	92.8	-1.2	127
	Haryana	7111	0	140.3	104.3	0.2	237
	Rajasthan	8315	1084	181.8	64.7	1.5	391
	Delhi	4553	0	95.5	77.6	-0.6	206
	UP	16233	0	332.6	139.6	0.0	105
	Uttarakhand	1696	0	37.9	18.1	-0.5	94
	HP	1243	0	25.5	10.8	1.3	203
	J&K	1924	481	36.9	19.6	0.1	215
WR	Chandigarh	246	0	5.0	5.2	-0.2	28
	Chhattisgarh	3918	0	92.3	28.6	-2.0	85
	Gujarat	15250	0	335.2	72.0	0.4	338
	MP	7892	0	175.0	98.9	-1.5	413
	Maharashtra	20149	615	460.2	137.6	2.9	874
	Goa	465	0	9.1	8.6	0.0	126
	DD	318	0	7.1	6.9	0.2	24
	DNH	763	0	17.3	16.4	1.0	49
SR	Essar steel	451	0	8.7	7.9	0.8	202
	Andhra Pradesh	7616	0	160.4	31.3	1.0	532
	Telangana	7061	0	145.3	61.2	-4.8	336
	Karnataka	9463	0	192.6	78.6	3.3	433
	Kerala	3531	0	74.6	60.1	1.1	238
	Tamil Nadu	14580	0	333.8	184.3	1.7	611
ER	Pondy	361	0	8.0	8.3	-0.3	31
	Bihar	4011	100	75.7	69.8	-1.1	185
	DVC	2977	0	66.9	-47.5	-2.7	238
	Jharkhand	1247	0	25.2	17.7	1.2	208
	Odisha	4084	0	84.9	26.1	1.0	334
	West Bengal	8125	0	160.2	43.6	1.7	335
NER	Sikkim	62	0	1.0	0.7	0.3	17
	Arunachal Pradesh	128	1	1.6	1.6	0.0	30
	Assam	1276	129	18.2	13.3	0.7	181
	Manipur	151	1	2.3	2.1	0.3	16
	Meghalaya	266	0	3.9	1.8	-0.5	66
	Mizoram	68	2	1.4	1.2	0.2	20
	Nagaland	124	1	1.6	1.8	-0.4	35
Tripura	225	3	3.1	2.6	-0.4	63	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.9	-7.8	-14.8
Day peak (MW)	341.0	-361.0	-665.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	204.3	-221.5	100.2	-83.8	2.3	1.5
Actual(MU)	199.7	-225.9	95.9	-76.6	2.7	-4.3
O/D/U/D(MU)	-4.6	-4.5	-4.3	7.2	0.4	-5.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4596	12420	3270	1100	665	22051
State Sector	13415	17923	8262	4625	110	44335
Total	18011	30343	11532	5725	774	66386

*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(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting : 30-Apr-17	
								Import=(+ve) /Export =(-ve) for NET (MU)	
Sl 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	351	0.0	10.4	-10.4	
2		SASARAM-FATEHPUR	S/C	0	73	1.1	0.0	1.1	
3		GAYA-BALIA	S/C	0	401	0.0	6.2	-6.2	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	0	149	0.0	3.5	-3.5	
6	400 KV	PUSAULI-VARANASI	S/C	0	128	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	55	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	532	0.0	7.5	-7.5	
9		PATNA-BALIA	Q/C	0	891	0.0	16.7	-16.7	
10		BIHARSHARIFF-BALIA	D/C	0	248	0.0	4.4	-4.4	
11		BARH-GORAKHPUR	D/C	0	553	0.0	11.6	-11.6	
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.9	-1.9	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	238	0.0	4.3	-4.3	
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	1.8	66.4	-64.6
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	311	0.0	0.3	-0.3	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	276	0.2	0.0	0.2	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	52	0.9	0.0	0.9	
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.1	0.0	1.1	
22		IBEUL-RAIGARH	S/C	0	0	2.1	0.0	2.1	
23		STERLITE-RAIGARH	D/C	0	159	0.0	0.9	-0.9	
24		RANCHI-SIPAT	D/C	0	0	4.3	0.0	4.3	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	117	0.0	1.6	-1.6	
26		BUDHIPADAR-KORBA	D/C	0	0	3.1	0.0	3.1	
						ER-WR	11.6	2.9	8.8
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	324.6	0.0	13.8	-13.8	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2505.4	0.0	43.8	-43.8	
30	400 KV	TALCHER-I/C	D/C	0.0	446.9	8.9	0.3	8.6	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						ER-SR	0.0	71.4	-71.4
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	409	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	431	7.7	0.0	8	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	1.2	0.0	1	
						ER-NER	8.9	0.0	8.9
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	665	0	12.0	0.0	12.0	
						NER-NR	12.0	0.0	12.0
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	35.9	-35.9	
37		V'CHAL B/B	D/C	300	0	7.4	0.0	7.4	
38		APL -MHG	D/C	0	2517	0.0	53.5	-53.5	
39	765 KV	GWALIOR-AGRA	D/C	0	2990	0.0	52.1	-52.1	
40		PHAGI-GWALIOR	D/C	0	1352	0.0	24.5	-24.5	
41	400 KV	ZERDA-KANKROLI	S/C	354	0	5.1	0.0	5.1	
42		ZERDA -BHINMAL	S/C	275	65	3.9	0.0	3.9	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	6	0	2	-2	
45		BADOD-KOTA	S/C	39	39	0.2	0.3	-0.1	
46	220 KV	BADOD-MORAK	S/C	3	94	0.0	0.9	-0.9	
47		MEHGAON-AURAIYA	S/C	48	34	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	24	23	0.1	0.0	0.1	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						WR-NR	17.4	169.3	-152.0
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	19.6	-19.6	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1753	0.0	30.7	-30.7	
53		WARDHA-NIZAMABAD	D/C	0	0	0.0	17.9	-17.9	
54	400 KV	KOLHAPUR-KUDGI	D/C	151	268	0.8	1.9	-1.2	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	94	0	1.2	0.0	1.2	
						WR-SR	2.0	70.1	-68.2
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.9	
59		NEPAL						-7.8	
60		BANGLADESH						-14.8	