



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: 21th 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, 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 20.04.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 20 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 20th 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

21-Apr-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	48518	48386	38567	19079	2249	156799
Peak Shortage (MW)	555	96	0	183	121	955
Energy Met (MU)	1041	1150	957	376	36	3560
Hydro Gen(MU)	288	48	60	35	8	441
Wind Gen(MU)	14	88	87	-----	-----	189
Solar Gen (MU)*	3.62	13.51	23.10	1.05	0.00	41
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49991	49179	40874	20022	2318	158628

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	0.043	0.00	0.78	8.61	9.39	76.10	14.51

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	6696	0	135.6	80.7	0.0	231
	Haryana	7162	150	135.4	100.3	1.0	264
	Rajasthan	9393	32	201.5	70.4	1.1	274
	Delhi	5447	0	109.5	89.7	1.2	240
	UP	17328	0	359.1	156.6	0.9	472
	Uttarakhand	1805	0	38.9	20.0	-0.3	57
	HP	1284	0	26.2	4.2	2.7	170
	J&K	1859	465	35.5	17.4	-1.6	181
WR	Chandigarh	298	0	5.5	5.9	-0.5	10
	Chhattisgarh	3961	0	92.7	34.6	-1.9	208
	Gujarat	15427	0	344.2	66.7	-0.2	488
	MP	8392	0	179.9	97.6	0.4	266
	Maharashtra	22212	20	488.4	163.8	-3.3	706
	Goa	489	0	10.8	9.6	0.8	80
	DD	315	0	7.2	7.0	0.2	25
	DNH	764	0	17.4	16.4	1.0	50
SR	Essar steel	461	0	9.5	9.3	0.2	211
	Andhra Pradesh	7557	0	166.6	29.0	1.0	519
	Telangana	7916	0	168.2	70.4	0.5	300
	Karnataka	9649	0	210.4	70.7	4.1	418
	Kerala	3721	0	76.6	53.3	1.8	306
	Tamil Nadu	14801	0	327.7	137.5	-1.5	552
ER	Pondy	352	0	7.7	8.0	-0.3	44
	Bihar	3926	0	61.8	64.9	-3.3	200
	DVC	3055	0	65.8	-35.9	-0.9	220
	Jharkhand	1121	0	23.5	16.9	0.8	100
	Odisha	4346	0	82.4	20.7	2.4	250
	West Bengal	8078	0	141.0	43.8	1.5	250
NER	Sikkim	78	0	1.4	1.2	0.1	15
	Arunachal Pradesh	86	2	1.9	1.5	0.4	35
	Assam	1386	58	21.3	16.2	2.3	215
	Manipur	151	1	2.4	2.0	0.4	13
	Meghalaya	267	0	4.4	2.7	-0.6	38
	Mizoram	81	1	1.3	1.0	0.2	21
	Nagaland	116	1	2.4	1.7	0.4	27
Tripura	200	20	2.2	2.1	-1.0	18	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.1	-7.6	-12.5
Day peak (MW)	409.4	-327.4	-615.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	172.5	-221.3	81.9	-39.0	7.6	1.7
Actual(MU)	182.6	-226.0	75.3	-39.1	9.1	1.9
O/D/U/D(MU)	10.1	-4.7	-6.6	-0.1	1.5	0.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5106	9845	3520	1600	808	20879
State Sector	12380	16986	7652	6299	110	43427
Total	17486	26831	11172	7899	917	64306

*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 :	21-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	247	0.0	6.3	-6.3	
2		SASARAM-FATEHPUR	S/C	0	0	5.9	0.0	5.9	
3	HVDC	GAYA-BALIA	S/C	0	351	0.0	5.6	-5.6	
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	152	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	398	0.0	2.0	-2.0	
9		PATNA-BALIA	Q/C	0	708	0.0	14.3	-14.3	
10		BIHARSHARIFF-BALIA	D/C	0	150	0.0	1.5	-1.5	
11		BARH-GORAKHPUR	D/C	0	530	0.0	9.9	-9.9	
12	BIHARSHARIFF-VARANASI	D/C	0	0	1.3	0.0	1.3		
13	132 KV	PUSAULI-SAHUPURI	S/C	0	241	0.0	4.7	-4.7	
14		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						7.8	47.8	-40.0	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	257	7.5	0.0	7.5	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	59	7.0	0.0	7.0	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	125	1.3	0.0	1.3	
21		JHARSUGUDA-RAIGARH	S/C	0	177	0.8	0.0	0.8	
22		IBEUL-RAIGARH	S/C	0	0	0.8	0.0	0.8	
23		STERLITE-RAIGARH	D/C	0	257	0.0	0.9	-0.9	
24	220 KV	RANCHI-SIPAT	D/C	0	0	5.9	0.0	5.9	
25		BUDHIPADAR-RAIGARH	S/C	0	115	0.0	1.1	-1.1	
26		BUDHIPADAR-KORBA	D/C	0	0	4.2	0.0	4.2	
ER-WR						27.4	2.0	25.4	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.3	-12.3	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	339.6	0.0	15.2	-15.2	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2022.6	0.0	36.9	-36.9	
30	400 KV	TALCHER-1C	D/C	0.0	789.1	1.1	0.7	0.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	64.5	-64.5	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	737	0.0	0.0	0	
33		ALIPURDUAR-BONGAIGAON	D/C	0	759	1.1	0.0	1	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	0.3	0	
ER-NER						1.1	0.3	0.8	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	492	0	10.2	0.0	10.2	
NER-NR						10.2	0.0	10.2	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	36.1	-36.1	
37		V'CHAL B/B	D/C	300	250	4.0	1.0	3.0	
38		APL -MHG	D/C	0	2517	0.0	53.7	-53.7	
39	765 KV	GWALIOR-AGRA	D/C	0	2806	0.0	46.1	-46.1	
40		PHAGI-GWALIOR	D/C	0	1056	0.0	17.9	-17.9	
41	400 KV	ZERDA-KANKROLI	S/C	316	0	4.9	0.0	4.9	
42		ZERDA -BHINMAL	S/C	288	20	4.5	0.0	4.5	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	345	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	20	61	0.1	0.5	-0.4	
46		BADOD-MORAK	S/C	0	101	0.0	1.3	-1.3	
47		MEHGAON-AURAIYA	S/C	40	0	0.6	0.0	0.6	
48		MALANPUR-AURAIYA	S/C	16	17	0.2	0.1	0.1	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						14.3	159.2	-144.9	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.2	-21.2	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1489	0.0	28.4	-28.4	
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	5.1	-5.1	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	93	0	1.9	0.0	1.9	
WR-SR						2.0	75.9	-73.9	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						5.1	
59		NEPAL						-7.6	
60		BANGLADESH						-12.5	