



National Load Despatch Centre

राष्ट्रीय भार प्रेषण केंद्र

POWER SYSTEM OPERATION CORPORATION LIMITED

पाँवर 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 May 2017

To,

1. महाप्रबंधक, पू.क्षे.भा.प्रे.के.,14 , गोलफ 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., डोंगतिह, लोअर नोंग्रह , लापलंग, शिलोंग - 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 21.05.2017.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21-मई 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 21 May 2017, is available at the NLDC website.

धन्यवाद,



पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

22-May-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	38015	43525	35731	18214	2361	137845
Peak Shortage (MW)	472	22	43	0	44	581
Energy Met (MU)	1011	1079	830	380	39	3339
Hydro Gen(MU)	294	8	27	67	10	406
Wind Gen(MU)	34	103	58	-----	-----	195
Solar Gen (MU)*	2.63	12.22	24.70	1.38	0.02	41
Energy Shortage (MU)	13.7	0.0	0.0	0.0	0.8	14.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48034	45588	37330	19330	2411	149210

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	0.054	0.00	0.00	1.19	1.19	63.25	35.56

C. Power Supply Position in States

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)	Energy Shortage (MU)
NR	Punjab	6965	0	150.3	102.4	-0.1	248	0.0
	Haryana	7640	0	135.5	90.5	-2.4	399	0.0
	Rajasthan	8349	128	179.8	72.1	4.2	846	3.3
	Delhi	5076	0	98.0	81.9	-2.2	210	1.5
	UP	16734	0	346.0	143.2	-0.8	412	0.0
	Uttarakhand	1875	0	34.9	17.6	-2.4	76	0.0
	HP	1204	0	23.9	1.6	2.2	320	0.0
	J&K	1906	477	37.5	13.1	1.0	210	8.8
WR	Chandigarh	254	0	4.9	5.7	-0.8	0	0.0
	Chhattisgarh	3446	0	81.8	17.0	-0.8	206	0.0
	Gujarat	14073	0	312.1	82.2	-0.7	494	0.0
	MP	7952	0	178.6	96.5	-1.7	259	0.0
	Maharashtra	20247	0	463.7	137.8	-1.9	705	0.0
	Goa	449	0	9.8	8.7	0.7	93	0.0
	DD	290	0	6.6	6.6	0.0	28	0.0
	DNH	731	0	16.4	17.1	-0.7	-3	0.0
	Essar steel	472	0	9.6	8.6	1.1	238	0.0
	SR	Andhra Pradesh	7508	0	160.5	31.8	3.5	563
Telangana		6534	0	141.2	61.8	-3.8	342	0.0
Karnataka		7359	0	156.4	62.8	3.9	540	0.0
Kerala		3473	0	74.5	55.0	0.9	358	0.0
Tamil Nadu		13111	0	290.0	135.8	1.5	838	0.0
Pondy		352	0	7.6	8.0	-0.4	99	0.0
ER	Bihar	3960	0	82.7	76.3	2.9	150	0.0
	DVC	2762	0	62.5	-39.7	-2.9	200	0.0
	Jharkhand	1216	0	22.8	18.8	-1.2	85	0.0
	Odisha	4169	0	79.2	28.1	-1.7	220	0.0
	West Bengal	7659	0	131.9	31.0	-0.1	225	0.0
	Sikkim	61	0	0.7	1.1	-0.3	12	0.0
NER	Arunachal Pradesh	97	0	1.8	1.8	0.0	23	0.0
	Assam	1495	9	23.9	19.3	1.2	202	0.5
	Manipur	136	1	2.4	2.1	0.2	11	0.0
	Meghalaya	230	0	3.6	3.1	-0.4	14	0.0
	Mizoram	75	2	1.2	1.2	-0.1	13	0.0
	Nagaland	107	2	2.4	2.2	0.1	0	0.0
	Tripura	248	3	4.0	3.1	0.0	25	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	10.8	-6.4	-14.7
Day peak (MW)	422.4	-219.0	-647.3

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	167.9	-172.5	70.0	-72.3	6.7	-0.3
Actual(MU)	167.1	-172.2	71.6	-73.0	7.3	0.8
O/D/U/D(MU)	-0.8	0.3	1.6	-0.7	0.6	1.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3422	12801	3530	1200	405	21357
State Sector	11110	13946	7652	5245	110	38063
Total	14532	26747	11182	6445	514	59420

*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(ग्रिडप्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोका)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								Date of Reporting :	22-May-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	0	0.0	4.8	-4.8	
2		SASARAM-FATEHPUR	S/C	0	0	6.3	0.0	6.3	
3	HVDC	GAYA-BALIA	S/C	0	374	0.0	7.1	-7.1	
4		ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5	400 KV	PUSAULI B/B	S/C	0	369	0.0	8.9	-8.9	
6		PUSAULI-VARANASI	S/C	0	280	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	141	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	341	0.0	11.7	-11.7	
9		PATNA-BALIA	Q/C	0	678	0.0	12.7	-12.7	
10		BIHARSHARIFF-BALIA	D/C	0	71	0.0	0.8	-0.8	
11		BARH-GORAKHPUR	D/C	0	565	0.0	11.7	-11.7	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.2	0.0	0.2		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	228	0.0	4.4	-4.4	
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						7.1	62.0	-54.9	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	207	3.9	0.0	3.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	386	0.9	0.0	0.9	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	86	1.1	0.0	1.1	
21		JHARSUGUDA-RAIGARH	S/C	0	9	2.0	0.0	2.0	
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9	
23		STERLITE-RAIGARH	D/C	0	94	0.9	0.0	0.9	
24	220 KV	RANCHI-SIPAT	D/C	0	46	3.0	0.0	3.0	
25		BUDHIPADAR-RAIGARH	S/C	0	44	0.3	0.0	0.3	
26		BUDHIPADAR-KORBA	D/C	0	0	0.0	4.8	-4.8	
ER-WR						14.0	4.8	9.2	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.7	-11.7	
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	353.2	0.0	14.9	-14.9	
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2324.0	0.0	39.1	-39.1	
30	400 KV	TALCHER-1C	D/C	0.0	765.0	0.0	12.7	-12.7	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	65.8	-65.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	590	0.0	5.1	-5	
33		ALIPURDUAR-BONGAIGAON	D/C	0	487	0.0	5.5	-5	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.7	-2	
ER-NER						0.0	12.2	-12.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	200	500	0.0	5.3	-5.3	
NER-NR						0.0	5.3	-5.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	22.0	-22.0	
37		V'CHAL B/B	D/C	500	400	7.7	1.8	5.9	
38		APL -MHG	D/C	0	2119	0.0	39.6	-39.6	
39	765 KV	GWALIOR-AGRA	D/C	0	1960	0.0	37.2	-37.2	
40		PHAGI-GWALIOR	D/C	0	1522	0.0	26.3	-26.3	
41	400 KV	ZERDA-KANKROLI	S/C	405	0	6.8	0.0	6.8	
42		ZERDA -BHINMAL	S/C	0	0	0.0	0.0	0.0	
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	160	0	1	-1	
45	220 KV	BADOD-KOTA	S/C	58	25	0.1	0.0	0.1	
46		BADOD-MORAK	S/C	22	91	0.0	1.0	-0.9	
47		MEHGAON-AURAIYA	S/C	63	0	0.8	0.0	0.8	
48		MALANPUR-AURAIYA	S/C	33	3	0.2	0.0	0.2	
49		132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						15.6	128.6	-113.0	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	700	0.0	14.9	-14.9	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1507	0.0	18.0	-18.0	
53		WARDHA-NIZAMABAD	D/C	0	853	0.0	10.7	-10.7	
54	400 KV	KOLHAPUR-KUDGI	D/C	311	419	0.7	2.4	-1.8	
55	220 KV	KOLHAPUR-CHIKODI	D/C	0	252	0.0	4.0	-4.0	
56		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
57		XELDEM-AMBEWADI	S/C	79	0	1.7	0.0	1.7	
WR-SR						2.4	49.9	-47.6	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						10.8	
59		NEPAL						-6.4	
60		BANGLADESH						-14.7	