



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: 02nd May 2018

To,

1. कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Executive Director, 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. कार्यकारी निदेशक, प.क्षे.भा.प्रे.के., एफ3-, एम आई डी सी क्षेत्र, अंधेरी, मुंबई -400093
Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. कार्यकारी निदेशक, ऊ.पू.क्षे.भा.प्रे.के., डोंगतिह, लोअर नोंग्रह, लापलंग, शिलोंग - 793006
Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द.क्षे.भा.प्रे.के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु -560009
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 01.05.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-मई-2018 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० 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 01st May 2018, 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

2-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	47325	44039	38300	18358	2206	150228
Peak Shortage (MW)	765	0	0	0	124	889
Energy Met (MU)	1056	1096	891	350	36	3428
Hydro Gen(MU)	194	15	34	43	8	294
Wind Gen(MU)	35	107	71	-----	-----	212
Solar Gen (MU)*	19.64	21.70	58.89	0.84	0.01	101
Energy Shortage (MU)	10.5	0.0	0.0	0.0	1.3	11.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50414	47669	40110	18793	2237	154869

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	0.025	0.00	0.00	1.98	1.98	78.74	19.28

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)	Energy Shortage (MU)
NR	Punjab	7144	0	147.8	74.4	-1.2	98	0.0
	Haryana	7482	0	150.6	79.2	1.9	273	0.1
	Rajasthan	9788	0	208.8	60.2	2.5	478	0.0
	Delhi	5090	0	104.3	83.1	-2.6	51	0.0
	UP	16737	0	333.3	135.6	6.9	1173	0.0
	Uttarakhand	1878	0	38.0	18.4	-0.3	183	0.0
	HP	1262	0	24.0	10.6	0.1	106	0.0
	J&K	2229	557	44.1	27.4	-1.9	216	10.4
WR	Chandigarh	255	0	5.0	5.2	-0.2	18	0.0
	Chhattisgarh	3444	0	78.4	12.5	-3.3	401	0.0
	Gujarat	15466	0	346.4	158.9	4.0	798	0.0
	MP	8366	0	178.0	71.7	-3.0	586	0.0
	Maharashtra	20429	0	458.6	136.4	2.6	583	0.0
	Goa	500	0	10.8	9.3	0.8	-10	0.0
	DD	298	0	5.2	4.7	0.5	38	0.0
	DNH	732	0	16.1	16.1	-0.1	40	0.0
SR	Essar steel	100	0	2.5	2.3	0.2	171	0.0
	Andhra Pradesh	7780	0	162.9	45.8	-0.4	465	0.0
	Telangana	6869	0	150.6	54.0	-2.0	371	0.0
	Karnataka	9085	0	202.2	75.2	0.1	493	0.0
	Kerala	3721	0	71.8	53.7	1.2	200	0.0
	Tamil Nadu	13005	0	296.2	140.1	2.3	584	0.0
ER	Pondy	346	0	7.2	7.5	-0.4	51	0.0
	Bihar	4419	0	71.4	69.6	-0.6	200	0.0
	DVC	3033	0	68.1	-48.1	1.4	220	0.0
	Jharkhand	1112	0	20.6	16.3	-0.9	85	0.0
	Odisha	3569	0	64.1	22.4	1.2	220	0.0
	West Bengal	6990	0	124.5	22.0	1.8	225	0.0
NER	Sikkim	77	0	1.0	1.6	-0.6	12	0.0
	Arunachal Pradesh	114	2	2.1	1.8	0.4	26	0.0
	Assam	1315	95	20.6	17.2	1.7	106	1.1
	Manipur	132	3	2.0	2.4	-0.4	27	0.0
	Meghalaya	286	0	4.9	3.0	-0.3	36	0.0
	Mizoram	79	4	1.3	1.2	-0.2	1	0.0
NER	Nagaland	130	3	2.0	2.0	-0.1	27	0.0
	Tripura	208	32	2.8	2.6	-0.9	74	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.5	-8.3	-10.3
Day peak (MW)	507.4	-276.3	-612.1

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	210.9	-205.6	82.1	-90.5	2.7	-0.4
Actual(MU)	216.3	-200.8	67.1	-85.9	2.4	-0.9
O/D/U/D(MU)	5.4	4.8	-15.0	4.6	-0.3	-0.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5752	12718	4412	700	406	23988
State Sector	7110	16752	4440	4915	50	33267
Total	12862	29470	8852	5615	456	57255

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	515	1088	593	412	6	2615
Hydro	194	15	35	43	8	295
Nuclear	23	31	34	0	0	88
Gas, Naptha & Diesel	40	55	21	0	23	139
RES (Wind, Solar, Biomass & Others)	83	129	159	1	0	372
Total	856	1318	843	456	36	3509

*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(मि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 2-May-18
SI No	Voltage Level	Line Details	Circuit	Max Import (MW)	Max Export (MW)	Import (MU)	Export (MU)	NET (MU)
								Import=(+ve) /Export =(-ve) for NET (MU)
Import/Export of ER (With NR)								
1	765kV	GAYA-VARANASI	D/C	0	328	0.0	9.7	-9.7
2		SASARAM-FATEHPUR	S/C	0	105	0.5	0.0	0.5
3		GAYA-BALIA	S/C	0	530	0.0	8.6	-8.6
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.6	-0.6
5		PUSAULI B/B	S/C	0	147	0.0	3.6	-3.6
6	400 kV	PUSAULI-VARANASI	S/C	0	101	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	104	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	499	0.0	6.9	-6.9
9		PATNA-BALIA	Q/C	0	967	0.0	12.3	-12.3
10		BIHARSHARIFF-BALIA	D/C	0	327	0.0	5.5	-5.5
11		MOTIHARI-GORAKHPUR	D/C	0	295	0.0	4.7	-4.7
12		BIHARSHARIFF-VARANASI	D/C	0	159	0.0	2.7	-2.7
13		220 kV	PUSAULI-SAHUPURI	S/C	0	179	0.0	3.4
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.5	0.0	0.5
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						1.0	58.0	-57.0
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	393	0.0	5.7	-5.7
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	171	1.0	0.0	1.0
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	0	0	9.1	0.0	9.1
21		RANCHI-SIPAT	D/C	0	0	7.7	0.0	7.7
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	160	0.0	1.7	-1.7
23		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7
ER-WR						21.4	7.3	14.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1942.8	0.0	23.0	-23.0
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	298.0	0.0	13.6	-13.6
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1757.1	0.0	35.3	-35.3
27	400 kV	TALCHER-I/C	D/C	0.0	888.6	0.0	14.7	-14.7
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	71.9	-71.9
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1124	0.0	4.1	-4
30		ALIPURDUAR-BONGAIGAON	D/C	0	985	0.0	7.1	-7
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	171	0.0	2.6	-3
ER-NER						0.0	13.8	-13.8
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	13.9	-13.9
NER-NR						0.0	13.9	-13.9
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1150	0.0	39.6	-39.6
34		V'CHAL B/B	D/C	250	250	2.2	1.9	0.3
35		APL -MHG	D/C	0	307	0.0	7.4	-7.4
36	765 kV	GWALIOR-AGRA	D/C	0	2286	0.0	45.1	-45.1
37		PHAGI-GWALIOR	D/C	0	1594	0.0	33.3	-33.3
38		JABALPUR-ORAI	D/C	0	1089	0.0	19.8	-19.8
39		GWALIOR-ORAI	S/C	355	0	7.2	0.0	7.2
40		SATNA-ORAI	S/C	1919	0	0.0	41.9	-41.9
41	400 kV	ZERDA-KANKROLI	S/C	416	0	7.4	0.0	7.4
42		ZERDA -BHINMAL	S/C	398	0	6.2	0.0	6.2
43		V'CHAL -RIHAND	S/C	958	0	20.6	0.0	20.6
44		RAPP-SHUJALPUR	D/C	0	297	0	2	-2
45	220 kV	BADOD-KOTA	S/C	60	81	0.3	0.5	-0.2
46		BADOD-MORAK	S/C	12	97	0.0	0.9	-0.9
47		MEHGAON-AURAIYA	S/C	179	0	0.3	0.0	0.3
48		MALANPUR-AURAIYA	S/C	0	0	0.0	0.0	0.0
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						44.2	192.2	-148.1
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	17.2	-17.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	231	964	0.0	8.6	-8.6
53		WARDHA-NIZAMABAD	D/C	0	1312	0.0	23.7	-23.7
54	400 kV	KOLHAPUR-KUDGI	D/C	550	0	8.8	0.0	8.8
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	100	0	2.2	0.0	2.2
WR-SR						11.0	49.5	-38.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						4.5
59		NEPAL						-8.3
60		BANGLADESH						-10.3