



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: 06th 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 05.05.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 05-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 05th 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

6-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45034	48346	40244	20499	2309	156433
Peak Shortage (MW)	1464	377	136	0	138	2115
Energy Met (MU)	1054	1179	906	431	39	3610
Hydro Gen(MU)	182	57	59	60	13	371
Wind Gen(MU)	18	50	18	-----	-----	86
Solar Gen (MU)*	20.59	20.14	53.80	0.90	0.02	95
Energy Shortage (MU)	15.0	0.4	0.0	0.0	1.4	16.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48420	51590	41262	20886	2421	159183

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	0.113	0.86	5.74	25.25	31.85	66.30	1.85

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	6803	0	148.7	69.8	-1.3	70	0.0
	Haryana	6332	242	140.7	78.0	2.8	706	0.7
	Rajasthan	9855	0	210.9	71.6	1.7	522	0.0
	Delhi	4747	0	98.7	84.8	-1.5	108	0.0
	UP	15873	310	345.7	148.1	4.1	1412	2.3
	Uttarakhand	1907	0	37.7	16.8	1.6	197	2.0
	HP	1265	0	24.9	10.3	3.0	570	0.1
	J&K	2149	537	42.1	23.4	2.0	514	9.9
	Chandigarh	233	0	4.8	4.5	0.2	25	0.0
WR	Chhattisgarh	3749	0	86.2	15.7	0.0	258	0.4
	Gujarat	15969	0	352.7	180.1	4.1	328	0.0
	MP	8709	0	191.8	93.1	-1.6	296	0.0
	Maharashtra	23093	0	508.1	147.1	2.5	833	0.0
	Goa	533	0	11.5	10.5	0.4	61	0.0
	DD	330	0	7.5	6.8	0.7	92	0.0
	DNH	742	0	17.4	17.3	0.1	52	0.0
	Essar steel	246	0	4.2	4.4	-0.3	131	0.0
	SR	Andhra Pradesh	7590	0	159.7	53.1	-0.9	312
Telangana		6667	0	140.6	36.5	-1.5	281	0.0
Karnataka		9563	0	203.0	78.7	-2.7	314	0.0
Kerala		3334	0	74.2	50.6	1.0	251	0.0
Tamil Nadu		14264	0	320.3	154.0	0.5	499	0.0
Pondy		373	20	8.2	8.2	0.1	35	0.0
ER	Bihar	4612	0	81.9	81.2	-0.5	220	0.0
	DVC	2845	0	69.6	-50.1	-0.1	258	0.0
	Jharkhand	1045	0	22.1	17.9	-0.5	170	0.0
	Odisha	4480	0	95.5	38.2	2.1	260	0.0
	West Bengal	7872	0	160.8	38.7	4.5	402	0.0
	Sikkim	79	0	1.4	1.7	-0.2	60	0.0
NER	Arunachal Pradesh	118	9	2.1	2.4	-0.2	35	0.1
	Assam	1423	116	22.1	18.6	0.7	138	1.1
	Manipur	146	3	2.3	2.5	-0.3	6	0.0
	Meghalaya	305	1	5.1	2.7	0.0	20	0.0
	Mizoram	86	3	1.7	1.5	-0.2	2	0.0
	Nagaland	104	2	2.1	2.0	-0.1	13	0.0
	Tripura	202	9	3.8	3.2	-0.2	0	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.5	-8.5	-14.4
Day peak (MW)	571.5	-454.9	-632.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	195.5	-157.0	53.3	-93.0	-0.3	-1.6
Actual(MU)	200.6	-163.7	47.9	-84.4	-3.3	-2.8
OD/UD(MU)	5.1	-6.7	-5.4	8.7	-3.0	-1.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4341	12898	7422	710	156	25527
State Sector	9425	15685	4650	4705	50	34515
Total	13766	28583	12072	5415	206	60042

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	553	1150	653	479	10	2845
Hydro	182	57	60	60	13	373
Nuclear	27	18	46	0	0	91
Gas, Naptha & Diesel	39	62	19	0	24	144
RES (Wind, Solar, Biomass & Others)	63	70	106	1	0	240
Total	864	1358	883	541	46	3693

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिषद्)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्रा०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES

Date of Reporting : **6-May-18**

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	272	0.0	8.8	-8.8
2		SASARAM-FATEHPUR	S/C	214	103	0.6	0.0	0.6
3		GAYA-BALIA	S/C	0	594	0.0	11.4	-11.4
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	148	0.0	3.6	-3.6
6	400 kV	PUSAULI-VARANASI	S/C	0	136	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	112	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	5	725	0.0	11.2	-11.2
9		PATNA-BALIA	Q/C	0	1308	0.0	23.3	-23.3
10		BIHARSHARIFF-BALIA	D/C	0	608	0.0	10.7	-10.7
11		MOTIHARI-GORAKHPUR	D/C	0	284	0.0	5.2	-5.2
12		BIHARSHARIFF-VARANASI	D/C	447	34	0.0	2.1	-2.1
13	220 kV	PUSAULI-SAHUPURI	S/C	0	193	0.0	3.2	-3.2
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	10	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						1.2	79.5	-78.3
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	226	360	0.0	3.3	-3.3
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	378	417	0.0	1.2	-1.2
20		JHARSUGUDA-RAIGARH	Q/C	710	0	8.4	0.0	8.4
21		RANCHI-SIPAT	D/C	493	0	8.5	0.0	8.5
22	220 kV	BUDHIPADAR-RAIGARH	S/C	65	78	0.0	0.3	-0.3
23		BUDHIPADAR-KORBA	D/C	261	0	5.1	0.0	5.1
ER-WR						22.1	4.8	17.3
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	887.9	0.0	14.7	-14.7
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.7	0.0	16.2	-16.2
26		TALCHER-KOLAR BIPOLE	D/C	0.0	1893.7	0.0	42.1	-42.1
27	400 kV	TALCHER-I/C	D/C	490.5	210.1	5.6	1.5	4.2
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	73.0	-73.0
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	427	257	3.6	0.0	4
30		ALIPURDUAR-BONGAIGAON	D/C	317	243	2.0	0.0	2
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	134	0.0	1.0	-1
ER-NER						5.6	1.0	4.7
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0
NER-NR						0.0	0.0	0.0
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1644	0.0	45.3	-45.3
34		V'CHAL B/B	D/C	0	150	0.0	1.1	-1.1
35		APL -MHG	D/C	0	1038	0.0	14.8	-14.8
36	765 kV	GWALIOR-AGRA	D/C	0	1151	0.0	22.2	-22.2
37		PHAGI-GWALIOR	D/C	0	1934	0.0	35.6	-35.6
38		JABALPUR-ORAI	D/C	0	1023	0.0	15.9	-15.9
39		GWALIOR-ORAI	S/C	0	124	0.0	0.6	-0.6
40	400 kV	SATNA-ORAI	S/C	1944	0	0.0	43.7	-43.7
41		ZERDA-KANKROLI	S/C	548	0	10.0	0.0	10.0
42		ZERDA -BHINMAL	S/C	532	0	8.0	0.0	8.0
43		V'CHAL -RIHAND	S/C	967	0	22.5	0.0	22.5
44		RAPP-SHUJALPUR	D/C	0	286	0	2	-2
45		BADOD-KOTA	S/C	100	0	1.2	0.0	1.2
46		BADOD-MORAK	S/C	48	30	0.3	0.1	0.1
47	220 kV	MEHGAON-AURAIYA	S/C	139	0	2.5	0.0	2.5
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						44.3	181.0	-136.6
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	15.6	-15.6
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	1170	382	11.2	0.0	11.2
53		WARDHA-NIZAMABAD	D/C	0	1441	0.0	14.5	-14.5
54	400 kV	KOLHAPUR-KUDGI	D/C	568	0	8.0	0.0	8.0
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	73	0	1.5	0.0	1.5
WR-SR						20.7	30.1	-9.4
TRANSNATIONAL EXCHANGE								
58		BHUTAN						8.5
59		NEPAL						-8.5
60		BANGLADESH						-14.4