



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: 03rd 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 02.05.2018.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 02-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 02nd 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

3-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	38255	47100	41919	17503	2017	146794
Peak Shortage (MW)	571	0	0	0	287	858
Energy Met (MU)	987	1141	932	384	33	3477
Hydro Gen(MU)	207	30	46	49	10	342
Wind Gen(MU)	26	88	76	-----	-----	190
Solar Gen (MU)*	11.05	21.53	57.56	0.92	0.01	91
Energy Shortage (MU)	9.9	0.0	0.0	0.0	2.1	12.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	50302	50385	43286	17809	2048	152101

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	0.027	0.00	0.00	1.09	1.09	74.88	24.03

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	6635	0	133.3	71.5	-4.7	81	0.0
	Haryana	7229	0	133.2	72.5	-0.2	576	0.0
	Rajasthan	9655	0	201.6	67.4	4.0	733	0.0
	Delhi	5149	0	100.0	78.3	-3.3	55	0.0
	UP	16581	0	320.6	145.8	-0.2	445	0.0
	Uttarakhand	1823	0	30.8	16.9	-5.2	136	0.0
	HP	1322	0	23.1	9.5	-0.8	207	0.4
	J&K	2160	540	40.1	23.3	-3.4	159	9.4
WR	Chhattisgarh	252	0	4.7	5.2	-0.6	26	0.0
	Chhattisgarh	3414	0	78.8	13.3	-0.8	401	0.0
	Gujarat	15182	0	346.4	168.5	-5.7	798	0.0
	MP	8207	0	186.5	76.5	-1.0	586	0.0
	Maharashtra	22716	0	489.8	146.3	6.9	583	0.0
	Goa	500	0	10.8	10.5	-0.4	0	0.0
	DD	326	0	6.5	5.9	0.6	38	0.0
	DNH	730	0	16.7	16.6	0.2	40	0.0
SR	Essar steel	343	0	5.7	5.3	0.4	171	0.0
	Andhra Pradesh	8280	0	168.0	46.9	1.5	1260	0.0
	Telangana	7428	0	155.4	53.1	0.7	548	0.0
	Karnataka	9748	0	209.5	76.5	-0.1	494	0.0
	Kerala	3894	0	76.3	54.4	0.9	247	0.0
	Tamil Nadu	14838	0	315.8	146.0	-0.7	480	0.0
	Pondy	377	0	6.8	7.3	-0.5	44	0.0
	Bihar	4473	0	77.5	76.0	-0.7	435	0.0
ER	DVC	2907	0	65.7	-48.0	0.7	402	0.0
	Jharkhand	1090	0	21.4	16.4	-0.3	145	0.0
	Odisha	3919	0	78.3	37.2	1.0	385	0.0
	West Bengal	6803	0	139.6	26.7	3.2	456	0.0
	Sikkim	98	0	1.3	1.7	-0.4	20	0.0
NER	Arunachal Pradesh	107	3	1.3	2.3	-1.0	26	0.0
	Assam	1288	153	19.5	16.6	0.3	106	1.4
	Manipur	116	2	1.7	2.3	-0.5	27	0.0
	Meghalaya	284	0	4.6	3.2	-0.1	36	0.0
	Mizoram	74	4	1.4	1.4	-0.4	1	0.0
	Nagaland	108	5	1.7	2.1	-0.5	27	0.0
	Tripura	112	118	2.8	2.7	-1.2	74	0.6

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	11.6	-9.8	-11.9
Day peak (MW)	427.7	-437.5	-604.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	193.6	-186.4	76.2	-86.2	2.1	-0.6
Actual(MU)	190.5	-165.5	56.6	-80.7	-3.6	-2.7
OD/UD(MU)	-3.1	20.9	-19.7	5.5	-5.7	-2.1

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5252	13728	5272	700	206	25158
State Sector	8520	16480	5250	4705	50	35005
Total	13772	30208	10522	5405	256	60162

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	488	1108	621	439	7	2664
Hydro	207	30	47	49	10	343
Nuclear	23	31	44	0	0	98
Gas, Naptha & Diesel	38	55	19	0	23	134
RES (Wind, Solar, Biomass & Others)	66	110	162	2	0	339
Total	822	1334	893	489	40	3578

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

INTER-REGIONAL EXCHANGES

Date of Reporting : **3-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	12	334	0.0	9.3	-9.3
2		SASARAM-FATEHPUR	S/C	232	141	0.4	0.0	0.4
3		GAYA-BALIA	S/C	0	415	0.0	7.8	-7.8
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	148	0.0	3.4	-3.4
6	400 kV	PUSAULI-VARANASI	S/C	0	128	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	98	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	32	595	0.0	7.3	-7.3
9		PATNA-BALIA	Q/C	0	1031	0.0	17.4	-17.4
10		BIHARSHARIFF-BALIA	D/C	0	346	0.0	5.6	-5.6
11		MOTIHARI-GORAKHPUR	D/C	0	266	0.0	5.1	-5.1
12		BIHARSHARIFF-VARANASI	D/C	400	83	0.0	2.8	-2.8
13	220 kV	PUSAULI-SAHUPURI	S/C	0	186	0.0	3.7	-3.7
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						1.0	62.4	-61.5
Import/Export of ER (With WR)								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	156	388	0.0	3.9	-3.9
19	400 kV	NEW RANCHI-DHARAMJAIGARH	D/C	101	340	0.0	2.6	-2.6
20		JHARSUGUDA-RAIGARH	Q/C	562	0	8.0	0.0	8.0
21		RANCHI-SIPAT	D/C	398	0	7.9	0.0	7.9
22	220 kV	BUDHIPADAR-RAIGARH	S/C	45	134	1.6	0.0	1.6
23		BUDHIPADAR-KORBA	D/C	264	0	0.0	4.0	-4.0
ER-WR						17.5	10.5	7.0
Import/Export of ER (With SR)								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1728.8	0.0	26.9	-26.9
25	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	288.4	0.0	12.3	-12.3
26		TALCHER-KOLAR BIPOLE	D/C	0.0	1634.8	0.0	28.2	-28.2
27	400 kV	TALCHER-I/C	D/C	219.8	600.8	0.0	7.6	-7.6
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	67.4	-67.4
Import/Export of ER (With NER)								
29	400 kV	BINAGURI-BONGAIGAON	D/C	159	579	0.0	2.7	-3
30		ALIPURDUAR-BONGAIGAON	D/C	107	478	0.0	3.0	-3
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	122	0.0	1.6	-2
ER-NER						0.0	7.3	-7.3
Import/Export of NER (With NR)								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	10.2	-10.2
NER-NR						0.0	10.2	-10.2
Import/Export of WR (With NR)								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1740	0.0	46.0	-46.0
34		V'CHAL B/B	D/C	50	250	0.2	2.8	-2.6
35		APL -MHG	D/C	0	876	0.0	8.2	-8.2
36	765 kV	GWALIOR-AGRA	D/C	0	1920	0.0	32.4	-32.4
37		PHAGI-GWALIOR	D/C	0	1792	0.0	28.7	-28.7
38		JABALPUR-ORAI	D/C	0	931	0.0	10.4	-10.4
39		GWALIOR-ORAI	S/C	355	0	5.0	0.0	5.0
40	400 kV	SATNA-ORAI	S/C	1842	0	0.0	40.5	-40.5
41		ZERDA-KANKROLI	S/C	507	0	9.6	0.0	9.6
42		ZERDA -BHINMAL	S/C	507	0	8.2	0.0	8.2
43		V'CHAL -RIHAND	S/C	962	0	20.6	0.0	20.6
44		RAPP-SHUJALPUR	D/C	0	440	0	1	-1
45		BADOD-KOTA	S/C	68	6	0.8	0.0	0.8
46		BADOD-MORAK	S/C	18	37	0.1	0.2	-0.1
47	220 kV	MEHGAON-AURAIYA	S/C	167	0	3.0	0.0	3.0
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						47.6	170.5	-122.9
Import/Export of WR (With SR)								
50	HVDC LINK	BHADRAWATI B/B	-	0	600	0.0	10.4	-10.4
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	321	1032	0.0	6.6	-6.6
53		WARDHA-NIZAMABAD	D/C	0	1870	0.0	27.0	-27.0
54	400 kV	KOLHAPUR-KUDGI	D/C	603	0	10.2	0.0	10.2
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	100	0	2.2	0.0	2.2
WR-SR						12.4	44.0	-31.6
TRANSNATIONAL EXCHANGE								
58		BHUTAN						11.6
59		NEPAL						-9.8
60		BANGLADESH						-11.9