



**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: 05<sup>th</sup> 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 04.05.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 04-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 04<sup>th</sup> 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

5-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46103	47659	39666	19997	2104	155529
Peak Shortage (MW)	964	128	0	0	236	1328
Energy Met (MU)	1006	1163	858	415	37	3479
Hydro Gen(MU)	194	52	52	60	10	368
Wind Gen(MU)	7	48	29	-----	-----	84
Solar Gen (MU)*	18.20	20.70	49.88	0.88	0.01	90
Energy Shortage (MU)	13.6	0.0	0.0	0.0	1.6	15.2
Maximum Demand Met during the day (MW) (from NLDC SCADA)	47420	51641	41927	20482	2192	158885

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	0.050	0.00	0.21	15.63	15.83	78.46	5.71

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	6703	0	137.7	71.0	-0.9	79	0.0	
	Haryana	6529	0	138.7	77.1	1.7	199	1.7	
	Rajasthan	9217	0	207.9	71.6	4.7	530	2.5	
	Delhi	4789	0	97.6	83.3	-1.4	94	0.0	
	UP	15840	250	318.0	141.5	4.8	790	0.0	
	Uttarakhand	1868	0	37.8	15.8	2.5	243	0.2	
	HP	1316	0	24.9	8.6	5.1	492	0.0	
	J&K	2125	531	38.2	22.4	-5.5	160	9.1	
	Chandigarh	255	0	4.9	4.9	0.0	19	0.0	
	WR	Chhattisgarh	3633	0	84.6	14.8	-0.8	74	0.0
Gujarat		16110	0	354.4	182.5	7.0	553	0.0	
MP		8589	0	186.1	89.4	-3.0	301	0.0	
Maharashtra		22537	0	498.2	145.1	-3.4	595	0.0	
Goa		502	0	11.5	10.7	0.2	44	0.0	
DD		337	0	7.5	7.0	0.4	79	0.0	
DNH		724	0	17.2	17.2	0.0	21	0.0	
Essar steel		262	0	3.6	3.7	-0.1	195	0.0	
SR		Andhra Pradesh	7270	0	147.6	42.5	-0.9	498	0.0
		Telangana	6550	0	127.7	41.5	-2.2	423	0.0
	Karnataka	9592	0	187.0	67.7	-1.5	553	0.0	
	Kerala	3801	0	73.1	52.1	1.0	169	0.0	
	Tamil Nadu	14684	0	314.7	157.3	-0.6	645	0.0	
	Pondy	372	0	8.3	8.3	-0.1	36	0.0	
	ER	Bihar	4529	0	78.0	78.6	-2.4	90	0.0
DVC		3072	0	69.2	-47.9	-0.2	100	0.0	
Jharkhand		1071	0	23.0	17.5	0.5	170	0.0	
Odisha		4352	0	89.4	41.1	0.8	110	0.0	
West Bengal		7830	0	154.1	31.7	3.9	312	0.0	
Sikkim		104	0	1.3	1.6	-0.3	30	0.0	
NER	Arunachal Pradesh	112	0	2.1	2.0	0.1	26	0.0	
	Assam	1262	193	20.9	17.2	0.9	106	1.4	
	Manipur	143	2	2.2	2.3	-0.2	27	0.0	
	Meghalaya	274	0	5.0	2.3	-0.1	36	0.0	
	Mizoram	82	0	1.6	1.4	-0.2	1	0.0	
	Nagaland	107	1	2.0	2.0	-0.1	27	0.0	
	Tripura	191	0	3.1	2.9	-0.9	74	0.1	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	8.8	-7.3	-13.8
Day peak (MW)	408.2	-411.1	-624.6

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	189.3	-164.1	66.5	-92.4	0.1	-0.6
Actual(MU)	199.6	-157.2	53.2	-91.6	-3.1	1.0
O/D/U/D(MU)	10.3	6.9	-13.3	0.8	-3.2	1.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4841	13728	6422	500	156	25647
State Sector	9725	16025	5290	4705	50	35795
Total	14566	29753	11712	5205	206	61442

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	517	1151	589	467	9	2733
Hydro	1959	52	54	60	10	2135
Nuclear	25	18	46	0	0	88
Gas, Naptha & Diesel	32	54	21	0	24	130
RES (Wind, Solar, Biomass & Others)	54	69	112	1	0	236
Total	2586	1344	820	529	43	5323

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

सचिव(ऊर्जा)/सदक सचिव(पर्यटन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०आ०(वि०प्र०)/  
मुख्य कार्यपालक अधिकारी(पोलोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	5-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)	
<b>Import/Export of ER (With NR)</b>									
1	765kV	GAYA-VARANASI	D/C	0	262	0.0	9.0	-9.0	
2		SASARAM-FATEHPUR	S/C	69	181	0.0	0.9	-0.9	
3		GAYA-BALIA	S/C	0	519	0.0	9.6	-9.6	
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0	
5		PUSAULI B/B	S/C	4	149	0.0	2.9	-2.9	
6	400 kV	PUSAULI-VARANASI	S/C	54	90	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	66	117	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	5	734	0.0	11.4	-11.4	
9		PATNA-BALIA	Q/C	0	1241	0.0	23.3	-23.3	
10		BIHARSHARIFF-BALIA	D/C	0	559	0.0	9.9	-9.9	
11		MOTIHARI-GORAKHPUR	D/C	0	297	0.0	5.7	-5.7	
12	BIHARSHARIFF-VARANASI	D/C	417	0	0.0	3.5	-3.5		
13	220 kV	PUSAULI-SAHUPURI	S/C	0	190	0.0	3.8	-3.8	
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	10	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	
						<b>ER-NR</b>	<b>0.5</b>	<b>79.9</b>	<b>-79.4</b>
<b>Import/Export of ER (With WR)</b>									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	145	289	0.0	3.2	-3.2	
19		NEW RANCHI-DHARAMJAIGARH	D/C	203	562	0.0	3.1	-3.1	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	599	53	7.1	0.0	7.1	
21		RANCHI-SIPAT	D/C	452	0	7.8	0.0	7.8	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	35	50	0.0	0.3	-0.3	
23		BUDHIPADAR-KORBA	D/C	281	0	4.3	0.0	4.3	
						<b>ER-WR</b>	<b>19.2</b>	<b>6.6</b>	<b>12.7</b>
<b>Import/Export of ER (With SR)</b>									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1092.8	0.0	20.2	-20.2	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	345.7	0.0	16.1	-16.1	
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1880.5	0.0	36.0	-36.0	
27	400 kV	TALCHER-I/C	D/C	499.5	63.2	4.7	1.3	3.4	
28	220 kV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
						<b>ER-SR</b>	<b>0.0</b>	<b>72.4</b>	<b>-72.4</b>
<b>Import/Export of ER (With NER)</b>									
29	400 kV	BINAGURI-BONGAIGAON	D/C	373	100	1.7	0.0	2	
30		ALIPURDUAR-BONGAIGAON	D/C	267	112	3.0	0.0	3	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	3	73	0.0	0.8	-1	
						<b>ER-NER</b>	<b>4.7</b>	<b>0.8</b>	<b>4.0</b>
<b>Import/Export of NER (With NR)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0	
						<b>NER-NR</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>Import/Export of WR (With NR)</b>									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	2106	0.0	49.3	-49.3	
34		V'CHAL B/B	D/C	0	250	0.0	5.0	-5.0	
35		APL -MHG	D/C	0	307	0.0	8.2	-8.2	
36	765 kV	GWALIOR-AGRA	D/C	0	0	0.0	0.0	0.0	
37		PHAGI-GWALIOR	D/C	0	1958	0.0	41.7	-41.7	
38		JABALPUR-ORAI	D/C	0	832	0.0	13.7	-13.7	
39		GWALIOR-ORAI	S/C	258	0	4.0	0.0	4.0	
40		SATNA-ORAI	S/C	1910	0	0.0	43.6	-43.6	
41		ZERDA-KANKROLI	S/C	433	0	8.8	0.0	8.8	
42	400 kV	ZERDA -BHINMAL	S/C	367	0	6.1	0.0	6.1	
43		V'CHAL -RIHAND	S/C	967	0	22.9	0.0	22.9	
44		RAPP-SHUJALPUR	D/C	0	289	0	3	-3	
45	220 kV	BADOD-KOTA	S/C	78	12	0.8	0.0	0.7	
46		BADOD-MORAK	S/C	28	39	0.1	0.3	-0.2	
47		MEHGAON-AURAIYA	S/C	127	0	2.0	0.0	2.0	
48	132kV	MALANPUR-AURAIYA	S/C	0	0	0.0	0.0	0.0	
49		GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
						<b>WR-NR</b>	<b>44.6</b>	<b>164.5</b>	<b>-119.9</b>
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	21.1	-21.1	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52	765 kV	SOLAPUR-RAICHUR	D/C	608	768	0.3	0.0	0.3	
53		WARDHA-NIZAMABAD	D/C	0	1379	0.0	12.4	-12.4	
54	400 kV	KOLHAPUR-KUDGI	D/C	490	0	7.2	0.0	7.2	
55		KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
56	220 kV	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	
						<b>WR-SR</b>	<b>9.1</b>	<b>33.5</b>	<b>-24.5</b>
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						<b>8.8</b>	
59		NEPAL						<b>-7.3</b>	
60		BANGLADESH						<b>-13.8</b>	