



**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: 01<sup>st</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 30.04.2018.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-अप्रैल-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 30<sup>th</sup> Apr 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

1-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs: from RLDCs)	44799	45931	42465	17163	2278	152636
Peak Shortage (MW)	628	22	10	0	166	827
Energy Met (MU)	1008	1143	985	352	35	3524
Hydro Gen(MU)	182	21	52	40	7	304
Wind Gen(MU)	34	121	72	-----	-----	227
Solar Gen (MU)*	16.60	21.35	58.34	0.67	0.01	97
Energy Shortage (MU)	11.1	0.0	0.0	0.0	1.4	12.6
Maximum Demand Met during the day (MW) (from NLDC SCADA)	49469	49374	45502	18034	2278	155285

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	0.41	0.41	79.22	20.37

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	6855	0	145.7	64.6	0.1	104	0.0
	Haryana	7521	138	145.7	70.8	3.1	277	0.8
	Rajasthan	9534	0	209.2	60.3	0.6	562	0.0
	Delhi	5181	0	102.3	80.5	-0.5	166	0.0
	UP	15776	0	294.3	98.9	4.5	1206	0.0
	Uttarakhand	1890	0	39.4	19.5	0.3	141	0.0
	HP	1372	52	24.4	11.8	0.2	138	0.3
	J&K	2155	539	42.2	25.8	-1.9	130	10.0
WR	Chandigarh	245	0	4.9	5.0	-0.1	20	0.0
	Chhattisgarh	3583	0	85.2	16.3	-1.4	91	0.0
	Gujarat	15476	0	343.2	158.1	5.1	386	0.0
	MP	8011	0	177.4	66.8	-2.9	281	0.0
	Maharashtra	22686	0	499.9	144.8	3.5	533	0.0
	Goa	500	0	10.8	10.7	-0.6	9	0.0
	DD	322	0	7.2	6.7	0.5	52	0.0
	DNH	760	0	17.6	17.2	0.4	51	0.0
SR	Essar steel	129	0	2.1	1.2	0.9	185	0.0
	Andhra Pradesh	8876	0	181.3	60.2	0.8	403	0.0
	Telangana	7399	0	160.1	54.5	-0.6	399	0.0
	Karnataka	9983	0	215.5	77.2	0.0	455	0.0
	Kerala	3912	0	81.4	51.9	1.8	231	0.0
	Tamil Nadu	15388	0	338.6	163.6	1.0	446	0.0
ER	Pondy	377	0	8.3	8.2	0.1	62	0.0
	Bihar	4096	0	55.2	60.6	-8.7	50	0.0
	DVC	2999	0	67.0	-47.5	0.2	150	0.0
	Jharkhand	1041	0	19.1	16.9	-2.0	45	0.0
	Odisha	3770	0	72.4	26.6	0.6	190	0.0
	West Bengal	7034	0	136.5	32.7	0.5	220	0.0
NER	Sikkim	98	0	1.5	1.9	-0.4	12	0.0
	Arunachal Pradesh	115	2	2.2	1.9	0.3	26	0.0
	Assam	1407	85	20.8	17.7	0.3	106	1.0
	Manipur	138	7	2.0	2.4	-0.3	27	0.1
	Meghalaya	284	0	4.9	2.9	-0.2	36	0.0
	Mizoram	77	3	1.3	1.4	-0.5	1	0.0
NER	Nagaland	125	3	2.0	2.1	-0.2	27	0.0
	Tripura	195	45	2.2	2.2	-1.3	74	0.3

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	4.6	-7.4	-9.7
Day peak (MW)	299.3	-274.7	-601.7

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	156.5	-190.4	97.9	-66.7	2.6	-0.1
Actual(MU)	168.9	-182.4	91.9	-81.0	-0.7	-3.3
O/D/U/D(MU)	12.4	8.0	-6.0	-14.4	-3.3	-3.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5727	13018	5912	1350	156	26163
State Sector	6860	16010	4440	4495	50	31855
Total	12587	29028	10352	5845	206	58018

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	536	1096	633	413	8	2686
Hydro	182	21	54	40	7	305
Nuclear	20	31	24	0	0	75
Gas, Naptha & Diesel	40	53	22	0	23	138
RES (Wind, Solar, Biomass & Others)	80	142	164	1	0	387
Total	858	1343	896	454	39	3590

\*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(ग्रिड०)/  
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								Date of Reporting : <b>1-May-18</b>
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)
<b>Import/Export of ER (With NR)</b>								
1	765kV	GAYA-VARANASI	D/C	2	228	0.0	6.5	-6.5
2		SASARAM-FATEHPUR	S/C	199	120	0.4	0.0	0.4
3		GAYA-BALIA	S/C	0	399	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	146	0.0	1.6	-1.6
6	400 kV	PUSAULI-VARANASI	S/C	0	116	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	90	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	32	398	0.0	6.0	-6.0
9		PATNA-BALIA	Q/C	0	744	0.0	10.3	-10.3
10		BIHARSHARIFF-BALIA	D/C	0	285	0.0	3.8	-3.8
11		MOTIHARI-GORAKHPUR	D/C	0	255	0.0	3.9	-3.9
12		BIHARSHARIFF-VARANASI	D/C	136	206	0.0	1.0	-1.0
13		220 kV	PUSAULI-SAHUPURI	S/C	0	187	0.0	3.6
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	10	0	0.4	0.0	0.4
16		KARMANASA-SAHUPURI	S/C	3	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>0.9</b>	<b>42.8</b>	<b>-42.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	108	288	0.0	2.6	-2.6
19		NEW RANCHI-DHARAMJAIGARH	D/C	236	349	0.0	0.8	-0.8
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	692	0	10.4	0.0	10.4
21		RANCHI-SIPAT	D/C	448	0	7.3	0.0	7.3
22	220 kV	BUDHIPADAR-RAIGARH	S/C	0	125	0.0	1.7	-1.7
23		BUDHIPADAR-KORBA	D/C	217	0	3.7	0.0	3.7
<b>ER-WR</b>						<b>21.4</b>	<b>5.1</b>	<b>16.3</b>
<b>Import/Export of ER (With SR)</b>								
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1543.8	0.0	26.3	-26.3
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	289.8	0.0	9.8	-9.8
26	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1899.3	0.0	45.4	-45.4
27	400 kV	TALCHER-I/C	D/C	0.0	1100.5	0.0	18.7	-18.7
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>81.6</b>	<b>-81.6</b>
<b>Import/Export of ER (With NER)</b>								
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	1056	0.0	8.0	-8
30		ALIPURDUAR-BONGAIGAON	D/C	0	847	0.0	7.6	-8
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	156	0.0	2.7	-3
<b>ER-NER</b>						<b>0.0</b>	<b>18.2</b>	<b>-18.2</b>
<b>Import/Export of NER (With NR)</b>								
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	1000	0.0	17.7	-17.7
<b>NER-NR</b>						<b>0.0</b>	<b>17.7</b>	<b>-17.7</b>
<b>Import/Export of WR (With NR)</b>								
33	HVDC	CHAMPA-KURUKSHETRA	D/C	4	2050	0.0	27.1	-27.1
34		V'CHAL B/B	D/C	0	250	0.0	5.3	-5.3
35		APL -MHG	D/C	0	508	0.0	11.0	-11.0
36	765 kV	GWALIOR-AGRA	D/C	0	1652	0.0	31.6	-31.6
37		PHAGI-GWALIOR	D/C	0	1508	0.0	32.4	-32.4
38		JABALPUR-ORAI	D/C	0	674	0.0	11.3	-11.3
39		GWALIOR-ORAI	S/C	354	0	7.6	0.0	7.6
40		SATNA-ORAI	S/C	1894	0	0.0	38.7	-38.7
41	400 kV	ZERDA-KANKROLI	S/C	445	0	9.2	0.0	9.2
42		ZERDA -BHINMAL	S/C	462	0	8.1	0.0	8.1
43		V'CHAL -RIHAND	S/C	953	0	20.4	0.0	20.4
44		RAPP-SHUALPUR	D/C	7	178	0	1	-1
45	220 kV	BADOD-KOTA	S/C	43	60	0.3	0.3	0.1
46		BADOD-MORAK	S/C	0	67	0.0	0.7	-0.7
47		MEHGAON-AURAIYA	S/C	155	0	2.6	0.0	2.6
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
<b>WR-NR</b>						<b>48.2</b>	<b>159.3</b>	<b>-111.1</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	22.6	-22.6
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	12	1342	0.0	13.4	-13.4
53		WARDHA-NIZAMABAD	D/C	0	1986	0.0	30.0	-30.0
54	400 kV	KOLHAPUR-KUDGI	D/C	697	0	9.3	0.0	9.3
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
<b>WR-SR</b>						<b>11.5</b>	<b>65.9</b>	<b>-54.4</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>4.6</b>
59		NEPAL						<b>-7.4</b>
60		BANGLADESH						<b>-9.7</b>