



**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: 27<sup>th</sup> May 2017

To,

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

**Sub: Daily PSP Report for the date 26.05.2017.**

महोदय/Dear Sir,

आईंईंजींसीं-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 26-मई 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेंकें 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 26 May 2017, 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

27-May-18

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51069	48211	39560	21057	2406	162303
Peak Shortage (MW)	1937	460	0	45	133	2575
Energy Met (MU)	1218	1187	887	448	43	3783
Hydro Gen (MU)	227	34	55	87	22	426
Wind Gen (MU)	14	90	21	-----	-----	125
Solar Gen (MU)*	17.12	20.18	52.91	0.85	0.02	91
Energy Shortage (MU)	16.9	1.3	0.0	0.1	1.7	20.0
Maximum Demand Met during the day (MW) & time (from NLDC SCADA)	55016 00:16	53659 15:26	40456 19:34	21585 21:18	2452 19:14	165728 19:57

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	0.169	1.75	12.69	26.17	40.60	56.18	3.22

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	8158	0	187.5	79.2	-2.2	12	0.0
	Haryana	7553	400	163.0	90.5	1.7	302	0.7
	Rajasthan	10281	0	230.3	76.5	3.2	435	6.6
	Delhi	5822	0	116.5	86.8	-0.5	276	0.0
	UP	18391	5	406.4	177.6	9.7	1001	1.0
	Uttarakhand	2076	0	44.6	21.0	-0.2	114	0.2
	HP	1369	0	23.5	8.1	0.8	124	0.1
	J&K	1800	450	40.4	20.3	1.2	645	8.4
WR	Chandigarh	294	0	5.8	6.0	-0.2	32	0.0
	Chhattisgarh	3552	0	80.7	19.0	0.4	341	1.3
	Gujarat	15987	0	356.7	127.4	3.8	560	0.0
	MP	8856	0	197.5	110.7	-0.8	381	0.0
	Maharashtra	23587	0	512.1	143.1	2.9	944	0.0
	Goa	483	0	10.5	10.1	-0.2	90	0.0
	DD	336	0	7.4	6.6	0.8	108	0.0
	DNH	754	0	16.8	16.7	0.1	40	0.0
SR	Essar steel	91	0	5.0	5.9	-0.9	275	0.0
	Andhra Pradesh	8664	0	181.6	70.8	-1.2	439	0.0
	Telangana	7154	0	157.6	48.3	-0.2	432	0.0
	Karnataka	7973	0	165.8	54.5	-3.9	393	0.0
	Kerala	3246	0	66.2	48.5	0.5	194	0.0
	Tamil Nadu	13917	0	307.3	145.6	1.1	562	0.0
	Pondy	369	0	8.1	8.4	-0.2	31	0.0
	Bihar	4885	0	91.6	89.9	-0.8	385	0.0
ER	DVC	3065	0	71.7	-46.4	0.5	402	0.1
	Jharkhand	1231	0	23.1	17.6	0.2	190	0.0
	Odisha	4408	0	93.6	36.2	0.7	415	0.0
	West Bengal	8268	0	166.9	47.6	1.5	456	0.0
	Sikkim	83	0	1.5	1.4	0.1	20	0.0
NER	Arunachal Pradesh	116	3	2.3	3.0	-0.6	25	0.0
	Assam	1485	98	25.6	20.5	0.9	116	1.4
	Manipur	160	3	2.4	2.6	-0.1	32	0.0
	Meghalaya	288	0	5.2	1.6	-0.3	25	0.0
	Mizoram	93	2	1.5	0.9	-0.1	20	0.0
	Nagaland	104	3	2.1	2.2	-0.2	43	0.0
	Tripura	261	6	4.0	3.7	0.2	32	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	14.6	-6.6	-15.0
Day peak (MW)	823.2	-339.7	-670.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	247.5	-235.9	60.9	-68.4	-2.9	1.2
Actual(MU)	258.1	-237.3	50.3	-65.0	-7.7	-1.6
O/D/U/D(MU)	10.6	-1.4	-10.6	3.4	-4.8	-2.8

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4933	12202	7232	2510	164	27041
State Sector	7080	15539	4430	5425	50	32524
Total	12013	27741	11662	7935	214	59565

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India
Thermal (Coal & Lignite)	645	1232	622	448	9	2956
Hydro	227	34	57	87	22	427
Nuclear	26	17	40	0	0	84
Gas, Naptha & Diesel	37	49	19	0	22	127
RES (Wind, Solar, Biomass & Others)	40	110	111	1	0	263
Total	977	1442	848	536	54	3857

Share of RES in total generation (%)	4.12	7.62	13.08	0.26	0.06	6.81
Share of Non-fossil fuel (Hydro, Nuclear and RES) in total generation (%)	30.11	11.17	24.53	16.47	40.98	20.06

H. Diversity Factor

All India Demand Diversity Factor	1.045
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Diversity factor = Sum of regional maximum demands / All India maximum demand

\*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(सि०प्र०)/

अध्यक्ष एवं प्रबंध निदेशक(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting :	27-May-18
Sl 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	0	319	0.0	5.4	-5.4	
2		SASARAM-FATEHPUR	S/C	196	178	0.0	0.6	-0.6	
3		GAYA-BALIA	S/C	0	637	0.0	12.7	-12.7	
4	HVDC	ALIPURDUAR-AGRA	-	0	285	0.0	12.1	-12.1	
5		PUSAULI B/B	S/C	107	0	2.4	0.0	2.4	
6	400 kV	PUSAULI-VARANASI	S/C	64	28	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	118	0	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	605	0.0	9.2	-9.2	
9		PATNA-BALIA	Q/C	35	938	0.0	14.7	-14.7	
10		BIHARSHARIFF-BALIA	D/C	0	577	0.0	10.6	-10.6	
11		MOTIHARI-GORAKHPUR	D/C	68	254	0.0	2.9	-2.9	
12	BIHARSHARIFF-VARANASI	D/C	433	24	0.0	1.5	-1.5		
13	220 kV	PUSAULI-SAHUPURI	S/C	0	204	0.0	4.2	-4.2	
14	132 kV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6	
16		KARMANASA-SAHUPURI	S/C	2	1	0.0	0.0	0.0	
17		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>3.1</b>	<b>73.9</b>	<b>-70.8</b>	
<b>Import/Export of ER (With WR)</b>									
18	765 kV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	725	0	11.1	0.0	11.1	
19		NEW RANCHI-DHARAMJAIGARH	D/C	726	90	6.6	0.0	6.6	
20	400 kV	JHARSUGUDA-RAIGARH	Q/C	1068	0	15.2	0.0	15.2	
21		RANCHI-SIPAT	D/C	303	0	2.6	0.0	2.6	
22	220 kV	BUDHIPADAR-RAIGARH	S/C	73	57	0.0	0.0	0.0	
23		BUDHIPADAR-KORBA	D/C	55	0	1.8	0.0	1.8	
<b>ER-WR</b>						<b>37.3</b>	<b>0.0</b>	<b>37.3</b>	
<b>Import/Export of ER (With SR)</b>									
24	765 kV	ANGUL-SRIKAKULAM	D/C	0.0	1523.8	0.0	28.3	-28.3	
25	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	425.0	0.0	9.3	-9.3	
26		LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	1581.3	0.0	33.2	-33.2
27	400 kV	TALCHER-I/C	D/C	515.8	0.8	2.4	5.2	-2.9	
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>70.7</b>	<b>-70.7</b>	
<b>Import/Export of ER (With NER)</b>									
29	400 kV	BINAGURI-BONGAIGAON	D/C	0	329	0.0	3.6	-4	
30		ALIPURDUAR-BONGAIGAON	D/C	239	62	2.4	0.0	2	
31	220 kV	ALIPURDUAR-SALAKATI	D/C	0	131	0.0	1.3	-1	
<b>ER-NER</b>						<b>2.4</b>	<b>4.9</b>	<b>-2.5</b>	
<b>Import/Export of NER (With NR)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	11.4	-11.4	
<b>NER-NR</b>						<b>0.0</b>	<b>11.4</b>	<b>-11.4</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1288	0.0	54.6	-54.6	
34		V'CHAL B/B	D/C	250	0	0.0	6.0	-6.0	
35		APL -MHG	D/C	0	1413	0.0	33.3	-33.3	
36	765 kV	GWALIOR-AGRA	D/C	0	1367	0.0	26.7	-26.7	
37		PHAGI-GWALIOR	D/C	0	1650	0.0	31.8	-31.8	
38		JABALPUR-ORAI	D/C	0	1148	0.0	21.3	-21.3	
39		GWALIOR-ORAI	S/C	515	0	6.7	0.0	6.7	
40		SATNA-ORAI	S/C	0	1867	0.0	40.0	-40.0	
41	400 kV	ZERDA-KANKROLI	S/C	346	0	6.0	0.0	6.0	
42		ZERDA -BHINMAL	S/C	299	0	4.1	0.0	4.1	
43		V'CHAL -RIHAND	S/C	0	487	21.2	0.0	21.2	
44		RAPP-SHUJALPUR	D/C	0	272	0	2	-2	
45	220 kV	BADOD-KOTA	S/C	87	0	0.1	0.0	0.1	
46		BADOD-MORAK	S/C	27	39	0.9	0.0	0.9	
47		MEHGAON-AURAIYA	S/C	9	14	0.0	0.1	-0.1	
48		MALANPUR-AURAIYA	S/C	0	38	0.0	0.6	-0.6	
49	132kV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>39.0</b>	<b>216.0</b>	<b>-177.0</b>	
<b>Import/Export of WR (With SR)</b>									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	12.9	-12.9	
51		LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 kV	SOLAPUR-RAICHUR	D/C	310	835	0.0	2.8	-2.8	
53		WARDHA-NIZAMABAD	D/C	0	1648	0.0	25.3	-25.3	
54	400 kV	KOLHAPUR-KUDGI	D/C	1059	0	17.4	0.0	17.4	
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	
<b>WR-SR</b>						<b>18.9</b>	<b>41.0</b>	<b>-22.1</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
58		BHUTAN						14.6	
59		NEPAL						-6.6	
60		BANGLADESH						-15.0	