



**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: 26<sup>th</sup> Oct 2017

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. कार्यकारी निदेशक, ऊ.क्षे.भा.प्रे.के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
Executive Director, 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 25.10.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 25-अक्टूबर-2017 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 25<sup>th</sup> October 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

26-Oct-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	44163	45151	38214	19924	2532	149983
Peak Shortage (MW)	1203	186	0	250	79	1718
Energy Met (MU)	919	1057	861	395	42	3274
Hydro Gen(MU)	139	22	93	73	24	351
Wind Gen(MU)	3	12	15	-----	-----	29
Solar Gen (MU)*	3.69	16.63	31.30	0.80	0.02	52
Energy Shortage (MU)	10.1	0.2	0.0	0.8	0.9	12.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44334	46524	39026	20492	2661	150583

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	0.069	0.00	1.31	22.57	23.88	70.69	5.43

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	5734	0	112.3	48.6	0.1	237	0.0
	Haryana	6383	228	125.2	82.0	1.8	249	0.0
	Rajasthan	9737	0	197.9	66.8	0.5	226	0.0
	Delhi	3763	0	74.6	62.3	-1.2	96	0.0
	UP	14515	0	307.7	123.2	0.6	263	0.0
	Uttarakhand	1715	0	33.6	12.2	0.8	192	0.0
	HP	1379	0	24.1	14.6	0.4	129	0.6
	J&K	1940	485	40.0	32.2	0.7	144	9.5
WR	Chandigarh	189	0	3.5	4.0	-0.6	1	0.0
	Chhattisgarh	3453	75	77.8	29.8	0.2	223	0.2
	Gujarat	14142	0	303.5	61.9	1.4	316	0.0
	MP	9943	0	221.2	149.4	7.5	907	0.0
	Maharashtra	19231	0	412.6	126.3	0.8	346	0.0
	Goa	453	0	9.5	9.4	0.0	51	0.0
	DD	327	0	7.4	5.8	1.6	96	0.0
	DNH	755	0	16.5	16.1	0.4	113	0.0
SR	Essar steel	477	0	9.0	9.6	-0.6	156	0.0
	Andhra Pradesh	7639	0	165.6	74.9	0.1	329	0.0
	Telangana	7468	0	162.2	44.3	-0.5	401	0.0
	Karnataka	7989	0	165.5	64.8	2.2	437	0.0
	Kerala	3521	0	67.5	42.4	1.2	228	0.0
	Tamil Nadu	13615	0	293.2	143.9	-0.4	486	0.0
	Pondy	339	0	7.2	7.5	-0.2	26	0.0
	ER	Bihar	4274	0	79.3	70.1	0.0	230
DVC		2957	0	63.8	-18.1	3.1	280	0.0
Jharkhand		1205	0	23.5	14.8	-1.2	60	0.0
Odisha		4279	0	86.7	39.8	2.6	330	0.8
West Bengal		7699	0	140.4	47.7	3.8	410	0.0
Sikkim		101	0	1.4	0.9	0.4	28	0.0
NER	Arunachal Pradesh	112	7	2.3	2.4	-0.1	7	0.0
	Assam	1592	72	24.8	19.0	1.1	139	0.8
	Manipur	147	5	2.0	2.4	-0.3	19	0.0
	Meghalaya	301	1	5.1	-0.5	-0.1	59	0.0
	Mizoram	72	3	1.4	1.2	0.1	15	0.0
	Nagaland	123	1	2.3	1.8	0.0	19	0.0
	Tripura	235	0	4.0	2.9	0.3	75	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	15.9	-2.7	-14.6
Day peak (MW)	679.8	-296.7	-649.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	177.7	-161.2	30.9	-39.4	-5.3	2.8
Actual(MU)	162.7	-157.5	34.3	-33.3	-6.3	-0.1
O/D/U/D(MU)	-15.0	3.7	3.4	6.1	-1.0	-2.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3152	15524	4520	1420	113	24729
State Sector	11720	15801	10162	7105	50	44838
Total	14872	31325	14682	8525	163	69567

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	553	1123	589	378	5	2648
Hydro	139	23	93	73	24	351
Nuclear	33	16	48	0	0	97
Gas, Naptha & Diesel	40	64	20	0	23	147
RES (Wind, Solar, Biomass & Others)	10	29	84	1	0	124
Total	776	1254	833	452	52	3367

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

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(ग्रि०प्र०)/  
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>26-Oct-17</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	0	188	0.0	3.4	-3.4
2		SASARAM-FATEHPUR	S/C	0	91	3.0	0.0	3.0
3		GAYA-BALIA	S/C	0	204	0.0	3.1	-3.1
4	HVDC	ALIPURDUAR-AGRA	-	0	175	0.0	7.2	-7.2
5		PUSAULI B/B	S/C	0	247	0.0	5.8	-5.8
6	400 KV	PUSAULI-VARANASI	S/C	0	225	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	94	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	605	0.0	9.9	-9.9
9		PATNA-BALIA	Q/C	0	1042	0.0	20.5	-20.5
10		BIHARSHARIFF-BALIA	D/C	0	141	0.0	1.6	-1.6
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12		BIHARSHARIFF-VARANASI	D/C	0	76	0.8	0.0	0.8
13	220 KV	PUSAULI-SAHUPURI	S/C	0	147	0.0	2.9	-2.9
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	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>8.3</b>	<b>54.3</b>	<b>-46.1</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	13.5	0.0	13.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.5	0.0	8.5
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	2.5	-2.5
21		JHARSUGUDA-RAIGARH	S/C	0	0	1.9	0.0	1.9
22		IBEUL-RAIGARH	S/C	0	0	2.0	0.0	2.0
23		STERLITE-RAIGARH	D/C	0	0	5.8	0.0	5.8
24		RANCHI-SIPAT	D/C	0	0	8.0	0.0	8.0
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	48	0.0	0.2	-0.2
26		BUDHIPADAR-KORBA	D/C	0	0	2.2	0.0	2.2
<b>ER-WR</b>						<b>42.0</b>	<b>2.7</b>	<b>39.3</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.7	-12.7
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	263.9	0.0	11.9	-11.9
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2209.3	0.0	37.0	-37.0
30	400 KV	TALCHER-I/C	D/C	0.0	676.2	0.0	10.1	-10.1
31	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>61.6</b>	<b>-61.6</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1204	0.0	5.2	-5
33		ALIPURDUAR-BONGAIGAON	D/C	0	980	0.0	2.2	-2
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.3	-1
<b>ER-NER</b>						<b>0.0</b>	<b>8.7</b>	<b>-8.7</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.4	-16.4
<b>NER-NR</b>						<b>0.0</b>	<b>16.4</b>	<b>-16.4</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1800	0.0	22.6	-22.6
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1211	0.0	29.0	-29.0
39	765 KV	GWALIOR-AGRA	D/C	0	2290	0.0	43.9	-43.9
40		PHAGI-GWALIOR	D/C	0	1244	0.0	19.3	-19.3
41	400 KV	ZERDA-KANKROLI	S/C	177	0	1.5	0.0	1.5
42		ZERDA -BHINMAL	S/C	167	115	0.0	0.2	-0.2
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	324	0	1	-1
45		BADOD-KOTA	S/C	107	0	1.7	0.0	1.7
46	220 KV	BADOD-MORAK	S/C	56	26	0.4	0.1	0.3
47		MEHGAON-AURAIYA	S/C	97	0	1.1	0.0	1.1
48		MALANPUR-AURAIYA	S/C	57	15	0.4	0.0	0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>17.4</b>	<b>116.3</b>	<b>-98.9</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	10.2	-10.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	364	1256	0.0	5.2	-5.2
53		WARDHA-NIZAMABAD	D/C	0	1967	0.0	15.6	-15.6
54	400 KV	KOLHAPUR-KUDGI	D/C	713	0	12.3	0.0	12.3
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	73	0	2.0	0.0	2.0
<b>WR-SR</b>						<b>14.3</b>	<b>31.0</b>	<b>-16.7</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>15.9</b>
59		NEPAL						<b>-2.7</b>
60		BANGLADESH						<b>-14.6</b>