



**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: 1<sup>st</sup> Dec 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 30.11.2017.**

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 30-नवम्बर - 2017 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रांभांप्रेके 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> November 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

1-Dec-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 1900 hrs; from RLDCs)	40951	45932	36269	16821	2361	142334
Peak Shortage (MW)	783	173	0	0	66	1022
Energy Met (MU)	859	1078	804	319	40	3099
Hydro Gen(MU)	108	21	46	29	15	218
Wind Gen(MU)	8	25	73	-----	-----	107
Solar Gen (MU)*	2.91	15.62	25.20	0.68	0.02	44
Energy Shortage (MU)	11.8	1.1	0.0	0.0	0.8	13.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	43125	50976	37734	16893	2292	144695

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	0.049	0.00	0.72	10.56	11.27	74.51	14.21

C. Power Supply Position in States

RegionRegion	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	5430	0	103.3	30.9	-0.4	213	0.0
	Haryana	6431	0	117.2	59.4	1.7	232	0.1
	Rajasthan	10997	0	204.3	68.9	1.8	448	0.5
	Delhi	3394	0	62.3	47.3	0.2	222	0.0
	UP	12239	0	264.4	88.5	0.0	195	1.1
	Uttarakhand	1860	0	34.8	18.7	0.0	118	0.0
	HP	1485	0	26.3	20.2	0.5	164	0.1
	J&K	2071	518	43.2	38.1	0.4	116	10.2
	Chandigarh	184	0	3.2	3.4	-0.2	21	0.0
	Chhattisgarh	3047	162	67.6	4.4	2.3	322	1.1
WR	Gujarat	14371	10	307.2	92.2	3.8	560	0.0
	MP	9374	0	234.9	161.2	-1.5	659	0.0
	Maharashtra	20811	0	424.1	156.9	1.2	368	0.0
	Goa	404	0	9.5	9.4	-0.4	73	0.0
	DD	313	0	7.0	6.4	0.6	65	0.0
	DNH	739	0	16.8	16.3	0.5	72	0.0
	Essar steel	510	0	10.6	10.8	-0.1	161	0.0
	Andhra Pradesh	7303	0	156.8	53.7	2.3	436	0.0
	Telangana	6930	0	142.2	53.2	-5.9	420	0.0
	Karnataka	9156	0	196.3	90.9	3.4	402	0.0
SR	Kerala	3015	0	62.2	53.3	0.2	162	0.0
	Tamil Nadu	12234	0	240.0	128.3	-3.1	433	0.0
	Pondy	348	0	6.1	6.8	-0.6	38	0.0
	Bihar	3629	0	59.3	54.6	-1.3	200	0.0
	DVC	2831	0	67.2	-36.6	-0.6	175	0.0
	Jharkhand	1055	0	23.8	13.9	-0.6	50	0.0
ER	Odisha	3629	0	67.8	25.5	4.0	220	0.0
	West Bengal	6004	0	99.0	18.7	3.0	250	0.0
	Sikkim	101	0	1.5	1.6	-0.1	8	0.0
	Arunachal Pradesh	117	3	1.9	1.7	0.2	3	0.0
	Assam	1430	31	22.9	17.9	1.2	68	0.7
NER	Manipur	175	1	2.4	2.5	-0.2	20	0.0
	Meghalaya	327	0	6.0	3.0	0.0	74	0.0
	Mizoram	86	2	1.4	1.0	0.3	21	0.0
	Nagaland	98	2	1.9	1.5	-0.1	18	0.0
	Tripura	209	0	3.2	1.6	0.2	7	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	5.9	-6.0	-12.2
Day peak (MW)	289.5	-260.9	-599.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	155.7	-139.7	74.6	-90.7	-0.9	-1.0
Actual(MU)	143.0	-132.8	68.2	-81.1	-0.4	-3.2
O/D/U/D(MU)	-12.8	6.9	-6.4	9.6	0.5	-2.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5335	15456	2530	2105	415	25840
State Sector	11150	18852	12802	5870	50	48724
Total	16485	34308	15332	7975	464	74564

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	514	1114	493	391	0	2512
Hydro	108	21	46	29	15	218
Nuclear	34	27	48	0	0	109
Gas, Naptha & Diesel	60	47	13	0	23	144
RES (Wind, Solar, Biomass & Others)	14	41	141	1	0	196
Total	729	1250	741	420	38	3179

\*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(ग्रि०प्रा०)/  
मुख्य कार्यपालक अधिकारी (पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES								
								Date of Reporting : 1-Dec-17
								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	278	0.0	6.9	-6.9
2		SASARAM-FATEHPUR	S/C	0	173	0.4	0.0	0.4
3		GAYA-BALIA	S/C	0	296	0.0	4.5	-4.5
4	HVDC	ALIPURDUAR-AGRA	-	0	87	0.0	2.3	-2.3
5		PUSAULI B/B	S/C	0	247	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	215	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	116	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	558	0.0	7.4	-7.4
9		PATNA-BALIA	Q/C	0	1127	0.0	21.7	-21.7
10		BIHARSHARIFF-BALIA	D/C	0	230	0.0	3.5	-3.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	280	0.4	0.0	0.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	112	0.0	2.0	-2.0
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>5.4</b>	<b>54.2</b>	<b>-48.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	46	6.2	0.0	6.2
19	400 KV	NEW RANCHI-DHARAMJAIGARH	D/C	0	494	0.0	2.1	-2.1
20		ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	59	3.3	0.0	3.3
21		JHARSUGUDA-RAIGARH	S/C	0	5	1.9	0.0	1.9
22		IBEUL-RAIGARH	S/C	0	0	1.9	0.0	1.9
23		STERLITE-RAIGARH	D/C	0	0	0.0	0.0	0.0
24		RANCHI-SIPAT	D/C	0	120	1.9	0.0	1.9
25		220 KV	BUDHIPADAR-RAIGARH	S/C	0	78	0.0	0.5
26	BUDHIPADAR-KORBA		D/C	0	0	1.5	0.0	1.5
<b>ER-WR</b>						<b>16.7</b>	<b>2.5</b>	<b>14.2</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	17.6	-17.6
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	349.8	0.0	16.2	-16.2
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2085.3	0.0	40.6	-40.6
30	400 KV	TALCHER-I/C	D/C	0.0	1148.1	0.0	17.0	-17.0
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>74.4</b>	<b>-74.4</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1325	0.0	7.4	-7
33		ALIPURDUAR-BONGAIGAON	D/C	0	1074	0.0	7.1	-7
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.9	-2
<b>ER-NER</b>						<b>0.0</b>	<b>16.4</b>	<b>-16.4</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	16.5	-16.5
<b>NER-NR</b>						<b>0.0</b>	<b>16.5</b>	<b>-16.5</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	24.0	-24.0
37		V'CHAL B/B	D/C	250	250	1.5	4.5	-3.1
38		APL -MHG	D/C	0	1010	0.0	24.2	-24.2
39	765 KV	GWALIOR-AGRA	D/C	0	2208	0.0	34.8	-34.8
40		PHAGI-GWALIOR	D/C	0	1748	0.0	30.7	-30.7
41	400 KV	ZERDA-KANKROLI	S/C	252	0	4.4	0.0	4.4
42		ZERDA -BHINMAL	S/C	219	126	2.2	0.0	2.2
43		V'CHAL -RIHAND	S/C	974	0	22.9	0.0	22.9
44		RAPP-SHUJALPUR	D/C	61	321	0	1	-1
45	220 KV	BADOD-KOTA	S/C	152	0	2.3	0.0	2.3
46		BADOD-MORAK	S/C	79	0	0.8	0.0	0.8
47		MEHGAON-AURAIYA	S/C	184	0	1.7	0.0	1.7
48		MALANPUR-AURAIYA	S/C	33	8	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>36.1</b>	<b>119.1</b>	<b>-83.0</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC LINK	BHADRAWATI B/B	-	0	500	0.0	12.0	-12.0
51		BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	813	1122	0.0	6.2	-6.2
53		WARDHA-NIZAMABAD	D/C	0	1500	0.0	25.0	-25.0
54	400 KV	KOLHAPUR-KUDGI	D/C	470	152	4.3	0.0	4.3
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	1.5	0.0	1.5
<b>WR-SR</b>						<b>5.8</b>	<b>43.2</b>	<b>-37.3</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						5.9
59		NEPAL						-6.0
60		BANGLADESH						-12.2