



**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> September 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., डोंगतेह, 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 31.08.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31-अगस्त-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 31<sup>st</sup> August 2017, is available at the NLDC website.

धन्यवाद,



**पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली**

Report for previous day

Date of Reporting

1-Sep-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	46888	40919	37806	19626	2552	147791
Peak Shortage (MW)	1810	32	0	400	173	2414
Energy Met (MU)	1084	899	852	405	48	3288
Hydro Gen(MU)	328	27	59	97	22	533
Wind Gen(MU)	14	88	64	-----	-----	166
Solar Gen (MU)*	3.05	10.13	32.00	0.69	0.01	46
Energy Shortage (MU)	9.6	0.0	0.0	1.2	1.5	12.3
Maximum Demand Met during the day (MW) (from NLDC SCADA)	48006	41511	38555	20017	2700	149099

**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	2.37	2.37	79.85	17.78

**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	8373	0	180.2	111.5	-0.4	219	0.0
	Haryana	7472	0	162.3	114.9	3.3	402	0.0
	Rajasthan	8315	0	178.8	63.7	1.6	547	0.0
	Delhi	4923	0	104.1	80.4	-1.4	197	0.0
	UP	15497	1075	348.7	181.5	1.7	450	0.0
	Uttarakhand	1808	0	38.8	10.9	-0.3	106	0.0
	HP	1311	0	25.8	-0.4	0.6	120	0.0
	J&K	2051	513	40.3	13.8	0.4	192	9.6
	Chandigarh	298	0	5.5	6.0	-0.6	11	0.0
	Chhattisgarh	3706	0	84.9	24.4	0.4	271	0.0
WR	Gujarat	10696	0	240.5	44.7	-2.5	362	0.0
	MP	7771	0	162.0	93.8	0.9	579	0.0
	Maharashtra	17111	0	376.9	109.1	2.7	490	0.0
	Goa	436	0	9.0	8.7	0.1	60	0.0
	DD	304	0	6.9	6.2	0.6	41	0.0
	DNH	728	0	16.8	15.9	0.9	52	0.0
	Essar steel	144	0	1.9	2.1	-0.2	192	0.0
SR	Andhra Pradesh	7197	0	153	39	3.9	495	0.0
	Telangana	8166	0	174	85	-3.8	336	0.0
	Karnataka	8069	0	164	68	2.3	476	0.0
	Kerala	3501	0	68	46	2.2	417	0.0
	Tamil Nadu	13404	0	286	135	3.9	540	0.0
	Pondy	348	0	7	8	-0.5	50	0.0
ER	Bihar	4234	150	81.3	72.9	3.7	300	0.5
	DVC	2849	100	67.7	-30.4	3.4	410	0.3
	Jharkhand	1180	0	25.1	16.7	1.1	200	0.0
	Odisha	4159	150	76.6	23.9	1.4	500	0.5
	West Bengal	8023	0	153.2	58.9	3.8	500	0.0
	Sikkim	87	0	0.9	1.1	-0.2	5	0.0
NER	Arunachal Pradesh	114	4	2.4	2.1	0.3	45	0.0
	Assam	1635	128	31.5	24.0	2.5	237	1.2
	Manipur	143	6	2.2	2.2	0.0	31	0.0
	Meghalaya	288	0	4.4	-0.4	-0.8	76	0.0
	Mizoram	51	9	1.3	1.2	0.0	30	0.1
	Nagaland	104	4	1.9	1.7	0.0	28	0.0
	Tripura	237	1	4.3	3.2	0.8	99	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.8	-6.3	-15.0
Day peak (MW)	1584.2	-338.6	-647.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	207.5	-216.0	60.0	-61.6	11.7	1.6
Actual(MU)	188.5	-212.9	64.1	-47.0	13.8	6.6
O/D/U/D(MU)	-19.0	3.1	4.1	14.6	2.1	5.0

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	4147	16609	4100	1810	876	27542
State Sector	8825	20418	10652	5305	110	45310
Total	12972	37027	14752	7115	986	72852

**G. Sourcewise generation (MU)**

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	489	973	544	378	5	2389
Hydro	328	26	59	97	22	532
Nuclear	33	3	42	0	0	79
Gas, Naptha & Diesel	38	47	15	0	11	111
RES (Wind, Solar, Biomass & Others)	25	98	133	1	0	257
Total	911	1148	794	475	38	3366

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिचालन)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको),सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

<b>INTER-REGIONAL EXCHANGES</b>								
								Date of Reporting : 1-Sep-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	294	0.0	6.8	-6.8
2		SASARAM-FATEHPUR	S/C	0	118	1.9	0.0	1.9
3		GAYA-BALIA	S/C	0	439	0.0	7.2	-7.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.6	-4.6
6	400 KV	PUSAULI-VARANASI	S/C	0	186	0.0	0.0	0.0
7		PUSAULI -ALLAHABAD	S/C	0	59	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	686	0.0	12.7	-12.7
9		PATNA-BALIA	Q/C	0	890	0.0	17.0	-17.0
10		BIHARSHARIFF-BALIA	D/C	0	370	0.0	5.1	-5.1
11		BARH-GORAKHPUR	D/C	0	0	4.0	0.0	4.0
12	BIHARSHARIFF-VARANASI	D/C	0	142	0.0	0.0	0.0	
13	220 KV	PUSAULI-SAHUPURI	S/C	0	138	0.0	2.8	-2.8
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>6.3</b>	<b>56.3</b>	<b>-50.0</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	122	6.3	0.0	6.3
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	10.0	0.0	10.0
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	20	1.9	0.0	1.9
21		JHARSUGUDA-RAIGARH	S/C	0	16	1.5	0.0	1.5
22		IBEUL-RAIGARH	S/C	0	0	1.5	0.0	1.5
23		STERLITE-RAIGARH	D/C	0	0	0.9	0.0	0.9
24		RANCHI-SIPAT	D/C	0	0	5.9	0.0	5.9
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	118	0.0	1.1	-1.1
26		BUDHIPADAR-KORBA	D/C	0	0	3.7	0.0	3.7
<b>ER-WR</b>						<b>31.6</b>	<b>1.1</b>	<b>30.4</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.7	-14.7
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	11.6	-11.6
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2011.7	0.0	23.8	-23.8
30	400 KV	TALCHER-I/C	D/C	0.0	1483.4	0.0	22.1	-22.1
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>50.1</b>	<b>-50.1</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1293	0.0	8.9	-9
33		ALIPURDUAR-BONGAIGAON	D/C	0	1017	0.0	8.1	-8
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.8	-3
<b>ER-NER</b>						<b>0.0</b>	<b>19.8</b>	<b>-19.8</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	501	0.0	8.1	-8.1
<b>NER-NR</b>						<b>0.0</b>	<b>8.1</b>	<b>-8.1</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	15.8	-15.8
37		VCHAL B/B	D/C	500	0	5.4	0.0	5.4
38		APL -MHG	D/C	0	2014	0.0	43.6	-43.6
39	765 KV	GWALIOR-AGRA	D/C	0	2828	0.0	53.8	-53.8
40		PHAGI-GWALIOR	D/C	0	1290	0.0	22.6	-22.6
41	400 KV	ZERDA-KANKROLI	S/C	126	90	0.8	0.0	0.8
42		ZERDA -BHINMAL	S/C	127	116	0.0	0.5	-0.5
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	69	260	0	2	-2
45	220 KV	BADOD-KOTA	S/C	89	39	0.4	0.2	0.2
46		BADOD-MORAK	S/C	19	92	0.0	0.9	-0.9
47		MEHGAON-AURAIYA	S/C	26	14	0.3	0.1	0.2
48		MALANPUR-AURAIYA	S/C	0	34	0.0	0.4	-0.4
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>6.8</b>	<b>139.6</b>	<b>-132.8</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	700	0.0	12.2	-12.2
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52		SOLAPUR-RAICHUR	D/C	0	1460	0.0	23.4	-23.4
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1215	0.0	20.1	-20.1
54		KOLHAPUR-KUDGI	D/C	353	19	4.7	0.0	4.7
55	400 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>6.7</b>	<b>55.7</b>	<b>-49.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>37.8</b>
59		NEPAL						<b>-6.3</b>
60		BANGLADESH						<b>-15.0</b>