



**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: 09<sup>th</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., 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 08.09.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 08-सितंबर-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 08<sup>th</sup> September 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

9-Sep-17

**A. Maximum Demand**

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	51919	44426	36145	20049	2469	155008
Peak Shortage (MW)	1935	551	0	250	252	2987
Energy Met (MU)	1145	1011	817	425	47	3445
Hydro Gen(MU)	287	36	70	111	25	529
Wind Gen(MU)	7	11	19	-----	-----	36
Solar Gen (MU)*	3.99	13.03	29.80	1.10	0.02	48
Energy Shortage (MU)	13.9	5.5	0.0	0.8	2.0	22.1
Maximum Demand Met during the day (MW) (from NLDC SCADA)	52688	44823	37207	20172	2624	154633

**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	0.126	0.44	7.09	29.88	37.42	61.23	1.35

**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	8637	0	189.0	95.2	3.5	324	0.0
	Haryana	8115	0	155.5	102.7	0.1	177	0.5
	Rajasthan	9545	60	206.9	68.5	-1.7	90	0.3
	Delhi	5040	0	106.8	83.4	-0.4	143	0.1
	UP	16837	1900	376.1	175.8	-0.3	340	3.2
	Uttarakhand	1902	0	40.0	10.7	0.6	123	0.0
	HP	1303	0	25.7	0.5	2.9	263	0.3
	J&K	2059	515	40.3	15.7	4.9	439	9.6
WR	Chandigarh	240	0	5.0	5.8	-0.8	29	0.0
	Chhattisgarh	3931	36	90.3	27.2	0.6	470	5.5
	Gujarat	13443	0	297.0	67.5	-0.1	306	0.0
	MP	8429	0	183.4	110.2	7.5	904	0.0
	Maharashtra	18451	0	404.8	112.7	-0.7	473	0.0
	Goa	508	0	9.9	9.7	0.2	102	0.0
	DD	308	0	6.9	5.9	1.0	81	0.0
	DNH	736	0	17.1	15.7	1.3	86	0.0
SR	Essar steel	98	0	1.4	1.4	0.1	117	0.0
	Andhra Pradesh	7018	0	148	43	1.1	448	0.0
	Telangana	7866	0	169	87	-0.4	499	0.0
	Karnataka	7577	0	151	54	1.7	371	0.0
	Kerala	3287	0	66	44	1.2	264	0.0
	Tamil Nadu	12703	0	276	143	3.4	580	0.0
	Pondy	326	0	7	7	-0.2	22	0.0
	ER	Bihar	4275	100	84.5	77.1	1.8	10
DVC		3000	150	65.6	-29.1	0.9	200	0.5
Jharkhand		1179	0	27.5	17.0	2.7	250	0.0
Odisha		3963	0	83.5	28.3	-0.6	220	0.0
West Bengal		8439	0	162.8	58.3	1.9	500	0.0
Sikkim		95	0	1.1	1.1	0.0	10	0.0
NER	Arunachal Pradesh	112	3	2.1	2.6	-0.5	13	0.0
	Assam	1526	205	30.5	22.9	2.6	156	1.7
	Manipur	151	1	2.2	2.2	0.0	26	0.0
	Meghalaya	296	0	4.7	-1.2	-0.6	12	0.0
	Mizoram	77	1	1.2	1.2	-0.1	30	0.0
	Nagaland	113	3	2.1	1.9	0.0	26	0.0
	Tripura	212	21	4.3	3.9	-0.1	48	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.6	-6.2	-14.6
Day peak (MW)	1470.6	-329.2	-643.5

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	190.9	-195.9	66.1	-60.6	0.1	0.6
Actual(MU)	184.9	-197.4	61.7	-53.6	0.1	-4.3
O/D/U/D(MU)	-6.0	-1.4	-4.4	7.0	0.0	-4.9

**F. Generation Outage(MW)**

	NR	WR	SR	ER	NER	Total
Central Sector	2952	16274	4760	2380	271	26637
State Sector	9485	16232	9452	4365	110	39644
Total	12437	32506	14212	6745	380	66281

**G. Sourcewise generation (MU)**

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	600	1117	538	388	6	2650
Hydro	287	36	70	111	25	529
Nuclear	32	3	49	0	0	84
Gas, Naptha & Diesel	40	65	16	0	20	141
RES (Wind, Solar, Biomass & Others)	19	24	89	1	0	133
Total	978	1245	762	501	51	3537

\*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>9-Sep-17</b>
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	230	0.0	5.8	-5.8
2		SASARAM-FATEHPUR	S/C	0	0	2.5	0.0	2.5
3		GAYA-BALIA	S/C	0	345	0.0	5.1	-5.1
4	HVDC	ALIPURDUAR-AGRA	-	0	175	0.0	7.8	-7.8
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9
6	400 KV	PUSAULI-VARANASI	S/C	0	177	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	45	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	741	0.0	13.7	-13.7
9		PATNA-BALIA	Q/C	0	828	0.0	14.7	-14.7
10		BIHARSHARIFF-BALIA	D/C	0	277	0.0	4.7	-4.7
11		BARH-GORAKHPUR	D/C	0	0	4.1	0.0	4.1
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.4	-0.4
13	220 KV	PUSAULI-SAHUPURI	S/C	0	187	0.0	3.8	-3.8
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>7.0</b>	<b>60.9</b>	<b>-53.8</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	26	5.8	0.0	5.8
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	39	7.1	0.0	7.1
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	23	0.0	1.4	-1.4
21		JHARSUGUDA-RAIGARH	S/C	0	18	1.0	0.0	1.0
22		IBEUL-RAIGARH	S/C	0	0	1.0	0.0	1.0
23		STERLITE-RAIGARH	D/C	0	60	0.5	0.0	0.5
24		RANCHI-SIPAT	D/C	0	0	5.2	0.0	5.2
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	79	0.0	0.5	-0.5
26		BUDHIPADAR-KORBA	D/C	0	0	3.4	0.0	3.4
<b>ER-WR</b>						<b>23.9</b>	<b>1.8</b>	<b>22.1</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	11.1	-11.1
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	267.3	0.0	12.1	-12.1
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2019.8	0.0	30.6	-30.6
30	400 KV	TALCHER-I/C	D/C	0.0	941.7	0.0	12.5	-12.5
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>53.7</b>	<b>-53.7</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1071	0.0	5.8	-6
33		ALIPURDUAR-BONGAIGAON	D/C	0	877	0.0	3.1	-3
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2
<b>ER-NER</b>						<b>0.0</b>	<b>10.5</b>	<b>-10.5</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	12.3	-12.3
<b>NER-NR</b>						<b>0.0</b>	<b>12.3</b>	<b>-12.3</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	27.4	-27.4
37		V'CHAL B/B	D/C	500	0	10.2	0.0	10.2
38		APL -MHG	D/C	0	1613	0.0	39.1	-39.1
39	765 KV	GWALIOR-AGRA	D/C	0	2412	0.0	49.6	-49.6
40		PHAGI-GWALIOR	D/C	0	998	0.0	20.1	-20.1
41	400 KV	ZERDA-KANKROLI	S/C	179	29	1.3	0.0	1.3
42		ZERDA -BHINMAL	S/C	166	81	0.3	0.0	0.3
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	3	242	0	2	-2
45		BADOD-KOTA	S/C	91	0	1.0	0.0	1.0
46	220 KV	BADOD-MORAK	S/C	41	33	0.1	0.2	-0.1
47		MEHGAON-AURAIYA	S/C	68	0	0.8	0.0	0.8
48		MALANPUR-AURAIYA	S/C	14	12	0.1	0.0	0.1
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>13.8</b>	<b>138.1</b>	<b>-124.3</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	10.7	-10.7
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1248	0.0	18.8	-18.8
53		WARDHA-NIZAMABAD	D/C	0	1641	0.0	29.5	-29.5
54	400 KV	KOLHAPUR-KUDGI	D/C	514	0	7.4	0.0	7.4
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	2.0	0.0	2.0
<b>WR-SR</b>						<b>9.4</b>	<b>59.0</b>	<b>-49.6</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>33.6</b>
59		NEPAL						<b>-6.2</b>
60		BANGLADESH						<b>-14.6</b>