



**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: 24<sup>rd</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 22.09.2017.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 23-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 23<sup>rd</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

24-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45810	45439	39252	19822	2549	152872
Peak Shortage (MW)	1071	209	79	250	148	1757
Energy Met (MU)	949	980	898	421	47	3295
Hydro Gen(MU)	266	22	107	104	25	525
Wind Gen(MU)	18	43	36	-----	-----	98
Solar Gen (MU)*	3.31	17.35	33.80	0.58	0.02	55
Energy Shortage (MU)	10.3	0.3	0.0	0.8	1.6	13.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46204	45339	39618	20473	2716	153443

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	0.039	0.39	0.64	5.76	6.79	80.13	13.08

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	7762	0	171.3	91.5	-0.2	200	0.0
	Haryana	6303	38	113.1	89.8	1.7	463	0.1
	Rajasthan	9561	0	198.6	79.2	1.9	389	0.2
	Delhi	3899	0	83.4	66.6	-2.8	487	0.1
	UP	14867	0	282.0	123.2	-0.4	366	0.0
	Uttarakhand	1597	0	33.3	8.8	-2.5	148	0.0
	HP	1174	0	21.7	5.3	-4.4	264	0.0
	J&K	2100	525	42.0	23.4	1.6	335	10.0
WR	Chandigarh	194	0	3.9	5.3	-1.4	13	0.0
	Chhattisgarh	3651	165	81.9	28.7	-0.2	239	0.3
	Gujarat	14866	0	326.3	68.0	2.0	536	0.0
	MP	7631	0	155.5	76.4	0.5	299	0.0
	Maharashtra	18206	0	377.2	110.7	-0.7	435	0.0
	Goa	483	0	9.5	8.8	0.3	66	0.0
	DD	94	0	3.6	3.2	0.4	85	0.0
	DNH	746	0	17.2	16.8	0.4	93	0.0
SR	Essar steel	452	0	8.8	8.6	0.2	196	0.0
	Andhra Pradesh	7992	0	168.6	51.7	5.0	468	0.0
	Telangana	8683	0	190.0	72.3	-0.3	422	0.0
	Karnataka	7994	0	168.0	60.0	4.4	473	0.0
	Kerala	3487	0	66.4	41.4	0.6	324	0.0
	Tamil Nadu	13555	0	297.1	155.1	6.2	448	0.0
	Pondy	362	0	7.6	7.6	0.1	55	0.0
	ER	Bihar	4510	0	85.7	80.6	-1.2	250
DVC		2691	0	67.5	-19.0	2.1	350	0.0
Jharkhand		1177	0	24.9	17.3	1.4	150	0.0
Odisha		4422	0	84.2	37.9	-0.9	370	0.0
West Bengal		8362	0	157.6	49.2	0.5	420	0.0
Sikkim		87	0	1.3	1.2	0.1	18	0.0
NER	Arunachal Pradesh	116	2	2.4	2.7	-0.3	3	0.0
	Assam	1609	91	29.0	22.9	0.8	164	1.4
	Manipur	150	4	2.0	2.3	-0.3	38	0.0
	Meghalaya	267	0	5.4	-0.6	-0.1	69	0.0
	Mizoram	78	6	1.3	1.4	-0.1	12	0.0
	Nagaland	122	6	2.2	2.1	-0.2	25	0.0
	Tripura	231	15	4.3	4.7	-0.1	85	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	34.3	-3.8	-14.3
Day peak (MW)	1504.6	-364.4	-644.4

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	187.3	-191.4	50.0	-44.9	-0.5	0.4
Actual(MU)	160.6	-195.9	65.7	-38.1	-1.2	-8.8
O/D/U/D(MU)	-26.6	-4.5	15.7	6.8	-0.7	-9.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3607	16581	5100	2380	179	27848
State Sector	10835	15641	8072	5545	110	40203
Total	14442	32222	13172	7925	289	68051

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	455	1079	555	380	5	2473
Hydro	266	23	107	104	25	525
Nuclear	27	3	51	0	0	81
Gas, Naptha & Diesel	28	43	18	0	23	112
RES (Wind, Solar, Biomass & Others)	28	61	108	1	0	197
Total	804	1209	839	484	52	3388

\*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(ग्रि०प्रा०)/  
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>24-Sep-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	210	0.0	4.2	-4.2
2		SASARAM-FATEHPUR	S/C	0	0	3.7	0.0	3.7
3		GAYA-BALIA	S/C	0	322	0.0	3.4	-3.4
4	HVDC	ALIPURDUAR-AGRA	-	0	228	0.0	10.4	-10.4
5		PUSAULI B/B	S/C	0	248	0.0	6.0	-6.0
6	400 KV	PUSAULI-VARANASI	S/C	0	210	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	92	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	561	0.0	10.5	-10.5
9		PATNA-BALIA	Q/C	0	1117	0.0	19.8	-19.8
10		BIHARSHARIFF-BALIA	D/C	0	210	0.0	3.5	-3.5
11		MOTIHARI-GORAKHPUR	D/C	0	0	3.9	0.0	3.9
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.7	-0.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.3	-5.3
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.7	0.0	0.7
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>63.7</b>	<b>-55.4</b>
<b>Import/Export of ER (With WR)</b>								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	21.1	0.0	21.1
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	13.1	0.0	13.1
20	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	0	0	0.0	0.0	0.0
21		JHARSUGUDA-RAIGARH	S/C	0	0	0.0	0.0	0.0
22		IBEUL-RAIGARH	S/C	0	0	6.7	0.0	6.7
23		STERLITE-RAIGARH	D/C	0	0	8.9	0.0	8.9
24		RANCHI-SIPAT	D/C	0	0	8.7	0.0	8.7
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	6	0.0	0.0	0.0
26		BUDHIPADAR-KORBA	D/C	0	0	4.4	0.0	4.4
<b>ER-WR</b>						<b>62.8</b>	<b>0.0</b>	<b>62.8</b>
<b>Import/Export of ER (With SR)</b>								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.6	-12.6
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	267.3	0.0	7.8	-7.8
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2010.3	0.0	37.2	-37.2
30	400 KV	TALCHER-I/C	D/C	0.0	1330.7	0.0	21.7	-21.7
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>57.6</b>	<b>-57.6</b>
<b>Import/Export of ER (With NER)</b>								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1445	0.0	13.0	-13
33		ALIPURDUAR-BONGAIGAON	D/C	0	1185	0.0	3.9	-4
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.7	-3
<b>ER-NER</b>						<b>0.0</b>	<b>19.5</b>	<b>-19.5</b>
<b>Import/Export of NER (With NR)</b>								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	14.6	-14.6
<b>NER-NR</b>						<b>0.0</b>	<b>14.6</b>	<b>-14.6</b>
<b>Import/Export of WR (With NR)</b>								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1000	0.0	12.0	-12.0
37		V'CHAL B/B	D/C	500	0	11.5	0.0	11.5
38		APL -MHG	D/C	0	508	0.0	16.1	-16.1
39	765 KV	GWALIOR-AGRA	D/C	0	2538	0.0	44.6	-44.6
40		PHAGI-GWALIOR	D/C	0	1754	0.0	26.5	-26.5
41	400 KV	ZERDA-KANKROLI	S/C	220	55	1.1	0.0	1.1
42		ZERDA -BHINMAL	S/C	210	103	0.1	0.0	0.1
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	0	363	0	3	-3
45		BADOD-KOTA	S/C	10	56	0.0	0.7	-0.7
46	220 KV	BADOD-MORAK	S/C	0	120	0.0	1.8	-1.8
47		MEHGAON-AURAIYA	S/C	48	15	0.3	0.0	0.3
48		MALANPUR-AURAIYA	S/C	28	28	0.0	0.3	-0.3
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
<b>WR-NR</b>						<b>12.9</b>	<b>104.8</b>	<b>-91.9</b>
<b>Import/Export of WR (With SR)</b>								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	13.3	-13.3
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1244	0.0	15.0	-15.0
53		WARDHA-NIZAMABAD	D/C	0	1550	0.0	24.3	-24.3
54	400 KV	KOLHAPUR-KUDGI	D/C	570	0	10.6	0.0	10.6
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>12.6</b>	<b>52.6</b>	<b>-40.1</b>
<b>TRANSNATIONAL EXCHANGE</b>								
58		BHUTAN						<b>34.3</b>
59		NEPAL						<b>-3.8</b>
60		BANGLADESH						<b>-14.3</b>