



**National Load Despatch Centre**  
**पाँवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**  
(A wholly owned subsidiary of POWERGRID)  
B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Daily PSP Report

Date: 22<sup>nd</sup> Sep, 2016

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र , अंधेरी, मुंबई - 400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह , लापलंग, शिलॉंग - 793006  
General Manager, 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 21.09.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 21 सितंबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर निम्न लिंक 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 21<sup>st</sup> September 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Sep%202016/22.09.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Sep%202016/22.09.16_NLDC_PSP.pdf)

Thanking You.

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

Report for previous day

Date of Reporting

22-Sep-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	51107	42754	35826	17615	2361	149664
Peak Shortage (MW)	739	21	0	0	147	907
Energy Met (MU)	1135	934	818	368	44	3300
Hydro Gen(MU)	285	50	47	88	21	491
Wind Gen(MU)	20	46	128	-----	-----	195

B. Frequency Profile (%)

Region	FVI	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.030	0.00	0.00	1.91	1.91	77.23	20.86
SR GRID	0.030	0.00	0.00	1.91	1.91	77.23	20.86

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)
NR	Punjab	9328	0	213.0	107.0	-0.8	131
	Haryana	8868	0	182.4	136.3	-2.7	225
	Rajasthan	10042	0	219.2	70.9	1.1	202
	Delhi	5400	2	110.7	84.6	1.4	617
	UP	15195	1455	304.9	138.9	0.2	601
	Uttarakhand	1931	0	39.4	16.0	0.0	149
	HP	1287	0	25.8	6.5	-0.8	130
	J&K	1759	440	33.7	17.0	-3.3	137
	Chandigarh	285	0	5.9	6.1	-0.2	36
WR	Chhattisgarh	3477	0	80.9	28.1	2.8	397
	Gujarat	13500	0	301.9	74.3	-4.4	495
	MP	7017	0	151.1	90.9	-2.4	109
	Maharashtra	16938	0	354.8	121.9	1.6	483
	Goa	432	0	9.0	8.4	0.1	14
	DD	320	0	7.2	6.7	0.5	65
	DNH	763	0	16.6	16.9	-0.3	19
	Essar steel	596	0	12.8	11.8	1.0	179
SR	Andhra Pradesh	6110	0	137.3	8.3	2.6	533
	Telangana	6380	0	131.1	71.3	1.2	398
	Karnataka	8263	0	176.8	63.3	-1.8	791
	Kerala	3383	0	64.5	45.9	1.5	256
	Tamil Nadu	13933	0	301.5	116.2	-3.6	550
Pondy	324	0	6.8	7.3	-0.6	29	
ER	Bihar	3372	0	65.0	62.9	0.1	100
	DVC	2706	0	55.6	-27.8	1.0	100
	Jharkhand	1082	0	19.4	15.2	-1.4	100
	Odisha	3725	0	77.1	19.1	0.9	300
	West Bengal	7710	0	149.8	40.5	0.7	250
Sikkim	81	0	1.4	1.2	0.2	25	
NER	Arunachal Pradesh	99	5	2.0	2.2	-0.2	12
	Assam	1561	46	28.0	20.1	2.8	199
	Manipur	136	1	1.9	2.2	-0.3	22
	Meghalaya	227	0	4.5	0.4	0.9	15
	Mizoram	77	2	1.2	1.2	0.0	16
	Nagaland	104	2	1.9	1.8	0.1	27
Tripura	247	1	4.6	3.4	1.2	85	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.4	-3.5	-12.9
Day peak (MW)	1422.2	-130.1	-558.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	219.8	-208.6	73.2	-80.0	-3.3	1.1
Actual(MU)	215.5	-206.7	68.9	-83.0	-0.1	-5.4
O/D/U/D(MU)	-4.3	1.9	-4.3	-2.9	3.2	-6.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4111	12888	1190	3195	159	21543
State Sector	9580	18257	9537	5079	110	42563
Total	13691	31145	10727	8274	268	64106

सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०पा०(शि०प्र०)/  
अध्यक्ष एवं प्रबंध निदेशक (पारविद्युत)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	22-Sep-16
								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	335	0.0	12.7	-12.7	
2		SASARAM-FATEHPUR	S/C	326	0	4.4	0.0	4.4	
3		GAYA-BALIA	S/C	0	380	0.0	7.0	-7.0	
4	HVDC LINK	PUSAULI B/B	S/C	0	376	0.0	9.1	-9.1	
5	400 KV	PUSAULI-SARNATH	S/C	0	297	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	0	153	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	808	0.0	11.0	-11.0	
8		PATNA-BALIA	Q/C	0	640	0.0	12.6	-12.6	
9		BIHARSHARIFF-BALIA	D/C	126	229	0.0	2.7	-2.7	
10		BARH-GORAKHPUR	D/C	0	384	0.0	7.9	-7.9	
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.5	0.0	0.5	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	35	0	0.6	0.0	0.6	
15		KARMANASA-SAHUPURI	S/C	0	0	0.0	0.0	0.0	
16		KARMANASA-CHANDAULI	S/C	0	0	0.0	0.0	0.0	
<b>ER-NR</b>						<b>5.5</b>	<b>63.0</b>	<b>-57.5</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	833	0.0	14.2	-14.2	
18		NEW RANCHI-DHARAMJAIGARH	D/C	762	1	8.4	0.0	8.4	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	244	0	3.2	0.0	3.2	
20		JHARSUGUDA-RAIGARH	S/C	241	0	3.8	0.0	3.8	
21		IBEUL-RAIGARH	S/C	170	0	2.6	0.0	2.6	
22		STERLITE-RAIGARH	D/C	193	0	0.0	2.7	-2.7	
23		RANCHI-SIPAT	D/C	381	0	6.2	0.0	6.2	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	3	0.0	0.0	0.0	
25		BUDHIPADAR-KORBA	D/C	115	31	0.9	0.0	0.9	
<b>ER-WR</b>						<b>25.1</b>	<b>16.9</b>	<b>8.2</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	201	0.0	9.8	-9.8	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1680	0.0	31.1	-31.1	
28		TALCHER-I/C		0.0	1222	0.0	18.8	-18.8	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
<b>ER-SR</b>						<b>0.0</b>	<b>40.9</b>	<b>-40.9</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	1024	0.0	13.8	-14	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	3.0	-3	
<b>ER-NER</b>						<b>0.0</b>	<b>16.8</b>	<b>-16.8</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	1000	0	17.9	0.0	17.9	
<b>NR-NER</b>						<b>17.9</b>	<b>0.0</b>	<b>17.9</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	350	0	4.8	0.0	4.8	
34	HVDC	APL -MHG	D/C	0	2016	0.0	51.6	-51.6	
35	765 KV	GWALIOR-AGRA	D/C	0	2996	0.0	64.6	-64.6	
36	765 KV	PHAGI-GWALIOR	D/C	0	1358	0.0	26.1	-26.1	
37	400 KV	ZERDA-KANKROLI	S/C	59	115	0.0	0.3	-0.3	
38	400 KV	ZERDA -BHINMAL	S/C	44	175	0.0	1.6	-1.6	
39	400 KV	VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
40	400KV	RAPP-SHUJALPUR	D/C	0	0	0.0	0.0	0.0	
41	220 KV	BADOD-KOTA	S/C	13	31	0.0	0.3	-0.3	
42		BADOD-MORAK	S/C	0	61	0.0	1.1	-1.1	
43		MEHGAON-AURAIYA	S/C	44	2	0.6	0.0	0.6	
44		MALANPUR-AURAIYA	S/C	5	25	0.0	0.2	-0.2	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>5.4</b>	<b>145.8</b>	<b>-140.3</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	700	0.0	11.6	-11.6	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2262	0.0	38.8	-38.8	
49	400 KV	KOLHAPUR-KUDGI	D/C	37	337	0.0	3.9	-3.9	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	0	0.0	0.0	0.0	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	90	0	1.8	0.0	1.8	
<b>WR-SR</b>						<b>1.8</b>	<b>54.3</b>	<b>-52.5</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						<b>33.4</b>	
55		NEPAL						<b>-3.5</b>	
56		BANGLADESH						<b>-12.9</b>	