



**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: 23<sup>rd</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 22.09.2016.**

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 22 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 22<sup>nd</sup> September 2016, is available at the NLDC website.

[http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Sep%202016/23.09.16\\_NLDC\\_PSP.pdf](http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/Sep%202016/23.09.16_NLDC_PSP.pdf)

Thanking You.

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

Report for previous day

Date of Reporting

23-Sep-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	49219	42795	36075	18807	2403	149299
Peak Shortage (MW)	931	10	0	0	108	1049
Energy Met (MU)	1084	938	801	379	44	3246
Hydro Gen(MU)	288	44	53	83	26	494
Wind Gen(MU)	10	36	130	-----	-----	177

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	0.88	0.88	67.34	31.78
SR GRID	0.030	0.00	0.00	0.88	0.88	67.34	31.78

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)
NR	Punjab	8659	0	188.4	90.1	0.8	204
	Haryana	8457	0	171.0	130.9	-3.9	122
	Rajasthan	9988	0	216.0	79.6	4.6	389
	Delhi	4977	0	104.7	80.4	-0.3	262
	UP	14862	1175	307.4	132.2	-3.4	315
	Uttarakhand	1803	0	33.8	10.8	-2.4	292
	HP	1210	0	23.7	4.2	-0.3	151
	J&K	1705	426	33.4	16.6	-3.3	101
WR	Chandigarh	285	0	5.9	5.4	0.5	76
	Chhattisgarh	3620	0	83.5	27.1	5.2	903
	Gujarat	13926	0	304.1	79.0	-3.4	429
	MP	7331	0	154.7	91.0	-0.7	386
	Maharashtra	16820	0	350.4	121.5	1.0	584
	Goa	404	0	9.2	8.3	0.4	9
	DD	315	0	7.0	6.8	0.2	57
	DNH	772	0	17.7	17.9	-0.2	20
SR	Essar steel	587	0	11.6	11.8	-0.2	192
	Andhra Pradesh	6115	0	129.3	4.4	1.6	646
	Telangana	6150	0	123.4	64.2	1.4	525
	Karnataka	8109	300	174.5	59.1	1.3	751
	Kerala	3421	0	64.4	45.5	1.0	237
	Tamil Nadu	13910	0	302.1	119.5	0.5	701
ER	Pondy	330	0	6.8	7.5	-0.6	38
	Bihar	3554	0	70.3	68.0	0.3	110
	DVC	2722	0	61.0	-26.4	2.4	150
	Jharkhand	1013	0	20.2	15.2	-1.0	100
	Odisha	3883	0	76.0	23.1	2.1	300
	West Bengal	7886	0	150.9	44.1	1.2	280
NER	Sikkim	86	0	1.1	1.1	0.0	25
	Arunachal Pradesh	82	4	1.9	3.1	-1.3	57
	Assam	1564	71	27.2	20.0	1.5	202
	Manipur	109	8	2.2	2.5	-0.3	34
	Meghalaya	245	0	4.9	0.3	1.2	98
	Mizoram	64	5	1.2	1.5	-0.3	19
	Nagaland	105	1	1.9	2.0	-0.2	55
Tripura	253	0	4.4	3.8	0.6	35	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.8	-4.1	-12.9
Day peak (MW)	1403.1	-149.5	-505.9

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	196.1	-193.8	69.0	-69.1	-4.8	-2.6
Actual(MU)	187.4	-189.6	65.7	-63.6	-6.0	-6.1
O/D/U/D(MU)	-8.7	4.2	-3.3	5.5	-1.2	-3.5

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4111	13252	1190	3095	159	21807
State Sector	9580	19556	11392	5189	110	45827
Total	13691	32808	12582	8284	268	67634

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

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	23-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	304	0.0	9.9	-9.9	
2		SASARAM-FATEHPUR	S/C	239	109	1.9	0.0	1.9	
3		GAYA-BALIA	S/C	0	291	0.0	5.4	-5.4	
4	HVDC LINK	PUSAULI B/B	S/C	3	376	0.0	3.9	-3.9	
5	400 KV	PUSAULI-SARNATH	S/C	9	288	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	4	376	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	5	592	0.0	10.5	-10.5	
8		PATNA-BALIA	Q/C	0	550	0.0	9.0	-9.0	
9		BIHARSHARIFF-BALIA	D/C	85	203	0.0	2.5	-2.5	
10		BARH-GORAKHPUR	D/C	0	353	0.0	6.6	-6.6	
11		BIHARSHARIFF-VARANASI	D/C	32	0	0.0	0.8	-0.8	
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>2.5</b>	<b>48.5</b>	<b>-45.9</b>	
<b>Import/Export of ER (With WR)</b>									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	814	0.0	11.6	-11.6	
18		NEW RANCHI-DHARAMJAIGARH	D/C	671	12	6.6	0.0	6.6	
19	400 KV	ROURKELA - RAIGARH ( SEL LILO BYPASS)	S/C	224	0	2.7	0.0	2.7	
20		JHARSUGUDA-RAIGARH	S/C	226	0	3.2	0.0	3.2	
21		IBEUL-RAIGARH	S/C	160	0	2.2	0.0	2.2	
22		STERLITE-RAIGARH	D/C	183	0	0.0	2.3	-2.3	
23	220 KV	RANCHI-SIPAT	D/C	356	0	5.6	0.0	5.6	
24		BUDHIPADAR-RAIGARH	S/C	0	89	0.0	0.3	-0.3	
25		BUDHIPADAR-KORBA	D/C	133	19	1.1	0.0	1.1	
<b>ER-WR</b>						<b>21.3</b>	<b>14.2</b>	<b>7.1</b>	
<b>Import/Export of ER (With SR)</b>									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	201	0.0	9.0	-9.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1973	0.0	31.1	-31.1	
28		TALCHER-I/C		0.0	1008	0.0	11.4	-11.4	
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>40.2</b>	<b>-40.2</b>	
<b>Import/Export of ER (With NER)</b>									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	0	894	0.0	7.5	-7	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	2.1	-2	
<b>ER-NER</b>						<b>0.0</b>	<b>9.6</b>	<b>-9.6</b>	
<b>Import/Export of NR (With NER)</b>									
32	HVDC	BISWANATH CHARIALI-AGRA	-	700	0	16.2	0.0	16.2	
<b>NR-NER</b>						<b>16.2</b>	<b>0.0</b>	<b>16.2</b>	
<b>Import/Export of WR (With NR)</b>									
33	HVDC	VCHAL B/B	D/C	450	0	4.9	0.0	4.9	
34	HVDC	APL -MHG	D/C	0	2218	0.0	53.2	-53.2	
35	765 KV	GWALIOR-AGRA	D/C	0	2852	0.0	50.5	-50.5	
36	765 KV	PHAGI-GWALIOR	D/C	0	1378	0.0	23.8	-23.8	
37	400 KV	ZERDA-KANKROLI	S/C	98	92	0.0	0.1	-0.1	
38	400 KV	ZERDA -BHINMAL	S/C	58	160	0.0	1.5	-1.5	
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	34	26	0.1	0.1	0.0	
42		BADOD-MORAK	S/C	0	51	0.0	0.7	-0.7	
43		MEHGAON-AURAIYA	S/C	47	0	0.9	0.0	0.9	
44		MALANPUR-AURAIYA	S/C	21	10	0.1	0.0	0.1	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
<b>WR-NR</b>						<b>6.0</b>	<b>130.0</b>	<b>-124.0</b>	
<b>Import/Export of WR (With SR)</b>									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	19.0	-19.0	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	1801	0.0	30.1	-30.1	
49	400 KV	KOLHAPUR-KUDGI	D/C	140	334	0.1	4.1	-4.0	
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	96	0	1.9	0.0	1.9	
<b>WR-SR</b>						<b>2.0</b>	<b>53.2</b>	<b>-51.2</b>	
<b>TRANSNATIONAL EXCHANGE</b>									
54		BHUTAN						<b>33.8</b>	
55		NEPAL						<b>-4.1</b>	
56		BANGLADESH						<b>-12.9</b>	