



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: 29th 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., एफ3-, 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 28.09.2016.

महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 28 सितंबर 2016 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट राभाप्रेके 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 28th September 2016, is available at the NLDC website.

Thanking You.



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

Report for previous day

Date of Reporting

29-Sep-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	47180	43773	36859	18173	2488	148473
Peak Shortage (MW)	2901	155	0	590	98	3744
Energy Met (MU)	1043	958	821	362	47	3231
Hydro Gen(MU)	232	55	94	76	19	477
Wind Gen(MU)	18	53	77	-----	-----	147
Solar Gen (MU)*	3.43	10.64	8.40	0.00	0.01	22

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	0.068	0.00	1.97	18.60	20.57	71.59	7.85
SR GRID	0.068	0.00	1.97	18.60	20.57	71.59	7.85

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	7918	0	182.6	78.9	1.0	160
	Haryana	7938	672	160.8	112.4	1.5	616
	Rajasthan	9561	55	209.5	45.5	0.3	294
	Delhi	5081	0	106.4	85.2	1.8	334
	UP	13317	1175	280.0	116.9	3.1	503
	Uttarakhand	1916	0	39.4	15.2	1.9	205
	HP	1307	0	26.1	7.7	3.6	264
	J&K	1758	439	33.0	18.1	-1.0	166
WR	Chandigarh	256	0	5.1	5.1	0.1	31
	Chhattisgarh	3232	0	71.2	28.8	-1.9	308
	Gujarat	14506	0	319.2	73.0	-3.7	509
	MP	7440	0	155.8	76.4	-2.5	219
	Maharashtra	17468	0	366.8	111.9	3.5	353
	Goa	447	0	9.0	7.4	1.1	57
	DD	324	0	7.2	6.4	0.8	166
	DNH	771	0	17.5	17.7	-0.2	26
SR	Essar steel	573	0	11.6	12.1	-0.5	172
	Andhra Pradesh	6411	0	143.0	18.0	4.9	319
	Telangana	5924	0	123.5	64.0	0.8	349
	Karnataka	7994	0	170.0	72.4	-1.2	521
	Kerala	3463	0	65.8	50.6	1.1	198
	Tamil Nadu	14571	0	311.9	145.9	-2.4	416
ER	Pondy	328	0	6.6	7.2	-0.6	28
	Bihar	3104	290	60.1	59.0	1.0	0
	DVC	2986	300	59.5	-24.3	0.6	0
	Jharkhand	1022	0	19.6	16.6	-0.5	0
	Odisha	3830	0	70.3	20.8	-0.7	0
	West Bengal	7773	0	151.1	42.4	3.7	0
NER	Sikkim	89	0	1.4	1.6	-0.2	0
	Arunachal Pradesh	106	4	2.1	2.2	-0.1	11
	Assam	1594	40	29.0	20.6	2.9	201
	Manipur	133	8	2.0	2.3	-0.3	20
	Meghalaya	244	0	5.7	2.2	1.5	78
	Mizoram	74	2	1.3	1.1	0.1	20
	Nagaland	105	1	2.0	1.6	0.3	12
Tripura	274	2	4.6	3.4	1.1	109	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	33.6	-3.9	-12.2
Day peak (MW)	1376.4	-151.1	-541.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	184.8	-190.1	94.0	-87.7	-0.8	0.2
Actual(MU)	194.1	-192.8	80.7	-88.1	3.8	-2.4
O/D/U/D(MU)	9.3	-2.7	-13.3	-0.5	4.6	-2.6

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	5098	14094	1220	2860	90	23362
State Sector	9275	17486	11582	5444	110	43897
Total	14373	31580	12802	8304	199	67259

*As available with RLDCs

सचिव(ऊर्जा)/संयुक्त सचिव(पारेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्र०)/
अध्यक्ष एवं प्रबंध निदेशक (पावरग्रिड)/मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	29-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)	
Import/Export of ER (With NR)									
1	765KV	GAYA-VARANASI	D/C	0	474	0.0	16.0	-16.0	
2		SASARAM-FATEHPUR	S/C	16	169	0.0	2.0	-2.0	
3		GAYA-BALIA	S/C	0	479	0.0	8.0	-8.0	
4	HVDC LINK	PUSAULI B/B	S/C	3	0	0.0	0.0	0.0	
5	400 KV	PUSAULI-SARNATH	S/C	9	0	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	S/C	152	0	0.0	2.0	-2.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	15	490	0.0	7.0	-7.0	
8		PATNA-BALIA	Q/C	0	802	0.0	12.0	-12.0	
9		BIHARSHARIFF-BALIA	D/C	5	252	0.0	4.0	-4.0	
10		BARH-GORAKHPUR	D/C	0	324	0.0	7.0	-7.0	
11		BIHARSHARIFF-VARANASI	D/C	16	0	0.0	3.0	-3.0	
12	220 KV	PUSAULI-SAHUPURI	S/C	2	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	0.0	0.0	0.0	
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	
ER-NR						0.0	61.0	-61.0	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	894	0.0	16.0	-16.0	
18		NEW RANCHI-DHARAMJAIGARH	D/C	508	0	6.0	0.0	6.0	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	179	0	3.0	0.0	3.0	
20		JHARSUGUDA-RAIGARH	S/C	245	0	4.0	0.0	4.0	
21		IBEUL-RAIGARH	S/C	155	0	1.0	0.0	1.0	
22		STERLITE-RAIGARH	D/C	148	0	2.0	0.0	2.0	
23	220 KV	RANCHI-SIPAT	D/C	304	0	4.0	0.0	4.0	
24		BUDHIPADAR-RAIGARH	S/C	0	118	0.0	1.0	-1.0	
25		BUDHIPADAR-KORBA	D/C	148	10	1.0	0.0	1.0	
ER-WR						21.0	17.0	4.0	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	276	0.0	13.0	-13.0	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	2260	0.0	32.0	-32.0	
28		TALCHER-I/C		0.0	1635	0.0	24.0	-24.0	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						0.0	45.0	-45.0	
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	9	1581	0.0	18.0	-18	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	4.0	-4	
ER-NER						0.0	22.0	-22.0	
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	1000	0	21.2	0.0	21.2	
NR-NER						21.2	0.0	21.2	
Import/Export of WR (With NR)									
33	HVDC	VCHAL B/B	D/C	300	400	0.9	3.9	-3.0	
34	HVDC	APL -MHG	D/C	0	2318	0.0	52.7	-52.7	
35	765 KV	GWALIOR-AGRA	D/C	0	2760	0.0	57.3	-57.3	
36	765 KV	PHAGI-GWALIOR	D/C	0	958	0.0	9.0	-9.0	
37	400 KV	ZERDA-KANKROLI	S/C	127	107	0.5	0.0	0.5	
38	400 KV	ZERDA -BHINMAL	S/C	145	188	0.0	0.1	-0.1	
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	29	27	0.7	0.0	0.7	
42		BADOD-MORAK	S/C	0	69	0.0	0.7	-0.7	
43		MEHGAON-AURAIYA	S/C	64	0	1.1	0.0	1.1	
44		MALANPUR-AURAIYA	S/C	7	21	0.1	0.0	0.1	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						3.2	123.7	-120.5	
Import/Export of WR (With SR)									
46	HVDC	BHADRAWATI B/B	-	0	1000	0.0	20.5	-20.5	
47	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48	765 KV	SOLAPUR-RAICHUR	D/C	0	2456	0.0	41.3	-41.3	
49	400 KV	KOLHAPUR-KUDGI	D/C	0	576	0.0	7.2	-7.2	
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	100	0	1.9	0.0	1.9	
WR-SR						1.9	69.0	-67.1	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						33.6	
55		NEPAL						-3.9	
56		BANGLADESH						-12.2	