



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: 04th 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 03.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 03-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 03rd September 2017, is available at the NLDC website.

धन्यवाद,



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

Report for previous day

Date of Reporting

4-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45305	40446	33924	18746	2344	140766
Peak Shortage (MW)	810	24	0	468	154	1456
Energy Met (MU)	972	919	804	373	44	3112
Hydro Gen(MU)	317	15	51	106	25	513
Wind Gen(MU)	15	45	37	-----	-----	97
Solar Gen (MU)*	2.69	9.11	30.90	1.35	0.02	44
Energy Shortage (MU)	9.6	0.4	0.0	1.4	1.6	13.0
Maximum Demand Met during the day (MW) (from NLDC SCADA)	46581	40841	34583	19009	2444	141811

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	0.031	0.00	0.39	6.50	6.90	85.80	7.30

C. Power Supply Position in States

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	6760	0	141.0	100.6	0.1	193	0.0
	Haryana	6699	34	125.4	98.0	4.7	624	0.0
	Rajasthan	8274	0	176.4	65.9	2.2	336	0.0
	Delhi	4617	0	89.5	66.2	-1.3	40	0.0
	UP	16821	0	340.4	155.3	1.8	623	0.0
	Uttarakhand	1608	0	33.0	11.8	-0.4	151	0.0
	HP	1113	0	21.8	-3.5	0.0	58	0.0
	J&K	1856	464	40.1	15.1	-1.0	209	9.5
	Chandigarh	225	0	4.5	5.3	-0.9	0	0.0
	Chhattisgarh	3760	24	89.0	28.8	1.2	380	0.3
WR	Gujarat	10713	0	243.4	51.9	-1.5	287	0.0
	MP	7614	0	167.3	103.8	-0.4	413	0.1
	Maharashtra	17078	0	385.7	128.6	-0.2	440	0.0
	Goa	388	0	8.3	7.7	0.6	46	0.0
	DD	268	0	6.3	6.2	0.1	34	0.0
	DNH	720	0	16.6	17.0	-0.4	14	0.0
	Essar steel	99	0	2.0	1.6	0.4	126	0.0
	Andhra Pradesh	6853	0	150	43	1.1	401	0.0
SR	Telangana	8768	0	182	89	-3.7	433	0.0
	Karnataka	7360	0	158	67	2.1	432	0.0
	Kerala	3038	0	61	44	1.0	217	0.0
	Tamil Nadu	11300	0	247	117	0.8	476	0.0
	Pondy	308	0	7	7	-0.3	27	0.0
ER	Bihar	4218	0	77.7	73.5	-1.6	215	0.0
	DVC	2898	0	63.6	-20.4	2.0	275	0.9
	Jharkhand	1202	0	24.3	17.6	-0.6	100	0.0
	Odisha	4008	0	71.3	28.2	-0.6	250	0.5
	West Bengal	7518	0	135.0	39.8	4.8	350	0.1
	Sikkim	72	0	0.9	1.2	-0.4	12	0.0
NER	Arunachal Pradesh	112	2	2.0	2.2	-0.2	27	0.0
	Assam	1519	99	28.6	21.2	2.2	126	1.3
	Manipur	142	2	2.1	2.4	-0.3	12	0.0
	Meghalaya	246	0	4.7	-0.9	-1.3	76	0.0
	Mizoram	72	1	1.2	1.3	-0.1	30	0.0
	Nagaland	107	0	2.2	1.9	0.1	28	0.0
	Tripura	192	5	3.6	3.3	0.2	84	0.2

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	37.6	-5.0	-14.8
Day peak (MW)	1522.9	-277.1	-651.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	162.0	-174.5	75.5	-72.8	10.3	0.6
Actual(MU)	158.2	-173.7	70.7	-66.9	8.6	-3.1
O/D/U/D(MU)	-3.8	0.8	-4.8	5.9	-1.7	-3.7

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4147	16449	4510	1610	922	27638
State Sector	10580	19402	10742	5755	110	46589
Total	14727	35851	15252	7365	1032	74227

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	423	1010	518	354	4	2309
Hydro	317	15	51	106	25	513
Nuclear	32	3	48	0	0	84
Gas, Naptha & Diesel	32	43	16	0	12	102
RES (Wind, Solar, Biomass & Others)	26	55	106	1	0	188
Total	830	1126	739	462	40	3196

*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

सचिव(ऊर्जा)/संयुक्त सचिव(परिप्रेषण)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता.के०वि०प्रा०(ग्रिडिंग)/मुख्य कार्यपालक अधिकारी(पोसोको),सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES									
								Date of Reporting :	4-Sep-17
								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	203	0.0	3.9	-3.9	
2		SASARAM-FATEHPUR	S/C	0	10	2.5	0.0	2.5	
3		GAYA-BALIA	S/C	0	313	0.0	4.9	-4.9	
4	HVDC	ALIPURDUAR-AGRA	-	0	439	0.0	12.6	-12.6	
5		PUSAULI B/B	S/C	0	198	0.0	4.9	-4.9	
6	400 KV	PUSAULI-VARANASI	S/C	0	174	0.0	0.0	0.0	
7		PUSAULI -ALLAHABAD	S/C	0	65	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	636	0.0	11.0	-11.0	
9		PATNA-BALIA	Q/C	0	752	0.0	13.6	-13.6	
10		BIHARSHARIFF-BALIA	D/C	0	267	0.0	4.4	-4.4	
11		BARH-GORAKHPUR	D/C	0	0	2.9	0.0	2.9	
12	BIHARSHARIFF-VARANASI	D/C	0	0	0.0	0.0	0.0		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	137	0.0	2.5	-2.5	
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
15		GARWAH-RIHAND	S/C	0	0	0.0	0.0	0.0	
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	
ER-NR						5.5	57.7	-52.2	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.9	0.0	12.9	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	8.8	0.0	8.8	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	2	1.4	0.0	1.4	
21		JHARSUGUDA-RAIGARH	S/C	0	13	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	84	1.1	0.0	1.1	
24		RANCHI-SIPAT	D/C	0	0	5.5	0.0	5.5	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	227	0.0	1.8	-1.8	
26		BUDHIPADAR-KORBA	D/C	0	0	3.5	0.0	3.5	
ER-WR						35.1	1.8	33.3	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	15.6	-15.6	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	346.4	0.0	23.0	-23.0	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2015.8	0.0	34.5	-34.5	
30	400 KV	TALCHER-I/C	D/C	0.0	1151.3	0.0	20.3	-20.3	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	73.1	-73.1	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1453	0.0	9.6	-10	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1193	0.0	5.9	-6	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.3	-2	
ER-NER						0.0	17.8	-17.8	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	703	0.0	10.3	-10.3	
NER-NR						0.0	10.3	-10.3	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	15.8	-15.8	
37		VCHAL B/B	D/C	500	0	12.2	0.0	12.2	
38		APL -MHG	D/C	0	1512	0.0	28.3	-28.3	
39	765 KV	GWALIOR-AGRA	D/C	0	2168	0.0	40.8	-40.8	
40		PHAGI-GWALIOR	D/C	0	1026	0.0	20.8	-20.8	
41	400 KV	ZERDA-KANKROLI	S/C	186	55	1.5	0.0	1.5	
42		ZERDA -BHINMAL	S/C	157	77	0.8	0.0	0.8	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	-0.0	
44		RAPP-SHUJALPUR	D/C	0	246	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	69	0	0.8	0.0	0.8	
46		BADOD-MORAK	S/C	24	28	0.1	0.3	-0.1	
47		MEHGAON-AURAIYA	S/C	45	0	0.7	0.0	0.7	
48		MALANPUR-AURAIYA	S/C	19	14	0.1	0.1	0.0	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						16.1	107.8	-91.7	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	12.8	-12.8	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	0	1531	0.0	18.7	-18.7	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1255	0.0	24.4	-24.4	
54		KOLHAPUR-KUDGI	D/C	410	19	5.3	0.0	5.3	
55	400 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	
WR-SR						7.3	55.9	-48.6	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						37.6	
59		NEPAL						-5.0	
60		BANGLADESH						-14.8	