



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: 02nd 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 01.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 01-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 01st 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

2-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	45161	41047	36729	17939	2530	143405
Peak Shortage (MW)	859	402	235	0	151	1647
Energy Met (MU)	978	912	868	381	47	3187
Hydro Gen(MU)	322	24	68	106	23	542
Wind Gen(MU)	19	78	30	-----	-----	126
Solar Gen (MU)*	1.63	11.17	31.20	0.58	0.01	45
Energy Shortage (MU)	9.1	0.3	0.0	0.0	1.4	10.8
Maximum Demand Met during the day (MW) (from NLDC SCADA)	44476	42051	38111	18345	2650	144639

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	0.00	0.23	8.10	8.33	74.35	17.31

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	6797	0	147.1	96.4	-1.0	415	0.0
	Haryana	7062	0	141.8	97.6	0.1	304	0.0
	Rajasthan	8070	0	168.4	56.5	1.3	394	0.0
	Delhi	4719	0	98.7	75.3	-1.2	196	0.0
	UP	15935	0	321.1	170.4	-1.6	436	0.0
	Uttarakhand	1615	0	34.6	8.6	-1.3	85	0.0
	HP	1216	0	23.5	-1.7	-0.3	53	0.0
	J&K	2128	532	38.3	15.4	-1.5	355	9.1
WR	Chandigarh	238	0	4.9	5.9	-0.9	0	0.0
	Chhattisgarh	3636	24	84.9	25.5	-0.7	648	0.0
	Gujarat	11150	0	247.5	52.6	3.6	726	0.3
	MP	7617	0	166.8	93.8	2.2	911	0.0
	Maharashtra	17394	0	380.0	121.0	-0.2	391	0.0
	Goa	436	0	9.0	8.5	0.3	105	0.0
	DD	296	0	6.7	6.1	0.6	63	0.0
	DNH	712	0	16.4	16.3	0.1	49	0.0
SR	Essar steel	95	0	1.3	0.9	0.3	144	0.0
	Andhra Pradesh	7223	0	154	46	2.7	561	0.0
	Telangana	8774	0	186	93	-1.7	314	0.0
	Karnataka	8019	0	170	66	3.4	499	0.0
	Kerala	3249	0	65	43	2.0	403	0.0
	Tamil Nadu	12748	0	284	132	4.7	614	0.0
	Pondy	335	0	7	8	-0.5	14	0.0
	ER	Bihar	4152	0	73.5	68.7	-1.0	180
DVC		2764	0	61.3	-27.6	2.5	385	0.0
Jharkhand		1150	0	24.0	17.1	-0.3	180	0.0
Odisha		3500	0	71.7	25.9	-1.4	220	0.0
West Bengal		7360	0	149.4	49.3	3.9	450	0.0
Sikkim		88	0	1.1	2.2	-1.1	2	0.0
NER	Arunachal Pradesh	119	1	2.2	2.1	0.1	45	0.1
	Assam	1605	108	30.2	23.6	1.3	237	1.2
	Manipur	145	3	2.3	2.4	-0.1	31	0.1
	Meghalaya	282	0	5.0	0.2	-0.6	76	0.0
	Mizoram	58	2	1.5	1.3	0.1	30	0.0
	Nagaland	107	1	1.9	1.9	-0.2	28	0.0
	Tripura	250	0	4.0	3.2	0.2	99	0.1

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	36.3	-5.9	-14.2
Day peak (MW)	1551.5	-344.8	-627.2

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	175.0	-189.3	76.1	-66.7	12.8	7.9
Actual(MU)	149.3	-182.5	89.1	-63.8	12.7	4.7
O/D/U/D(MU)	-25.6	6.8	13.0	2.8	-0.1	-3.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	4147	16449	4810	1610	897	27913
State Sector	10085	20774	10592	5305	110	46866
Total	14232	37223	15402	6915	1007	74779

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	425	977	565	361	3	2332
Hydro	322	23	68	106	23	542
Nuclear	32	3	45	0	0	80
Gas, Naptha & Diesel	35	45	15	0	12	107
RES (Wind, Solar, Biomass & Others)	28	89	102	1	0	219
Total	843	1138	794	468	38	3281

*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(ग्रि०प्र०)/
मुख्य कार्यपालक अधिकारी(पोसोको)/सभी राज्यों के मुख्य सचिव/ऊर्जा सचिव

महाप्रबंधक (रा० भा० प्रे० के०)

INTER-REGIONAL EXCHANGES								Date of Reporting : 2-Sep-17
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)
Import/Export of ER (With NR)								
1	765KV	GAYA-VARANASI	D/C	0	268	0.0	6.2	-6.2
2		SASARAM-FATEHPUR	S/C	0	12	2.7	0.0	2.7
3		GAYA-BALIA	S/C	0	378	0.0	6.2	-6.2
4	HVDC	ALIPURDUAR-AGRA	-	0	0	0.0	0.0	0.0
5		PUSAULI B/B	S/C	0	198	0.0	4.4	-4.4
6	400 KV	PUSAULI-VARANASI	S/C	0	170	0.0	0.0	0.0
7		PUSAULI-ALLAHABAD	S/C	0	75	0.0	0.0	0.0
8		MUZAFFARPUR-GORAKHPUR	D/C	0	761	0.0	12.0	-12.0
9		PATNA-BALIA	Q/C	0	912	0.0	14.7	-14.7
10		BIHARSHARIFF-BALIA	D/C	0	380	0.0	5.9	-5.9
11		BARH-GORAKHPUR	D/C	0	0	3.7	0.0	3.7
12		BIHARSHARIFF-VARANASI	D/C	0	0	0.0	1.7	-1.7
13	220 KV	PUSAULI-SAHUPURI	S/C	0	138	0.0	2.7	-2.7
14	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0
15		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4
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						6.8	53.8	-47.0
Import/Export of ER (With WR)								
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	0	12.5	0.0	12.5
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.0	0.0	9.0
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	7	1.6	0.0	1.6
21		JHARSUGUDA-RAIGARH	S/C	0	15	1.3	0.0	1.3
22		IBEUL-RAIGARH	S/C	0	0	1.3	0.0	1.3
23		STERLITE-RAIGARH	D/C	0	43	0.7	0.0	0.7
24		RANCHI-SIPAT	D/C	0	0	4.8	0.0	4.8
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	90	0.0	1.2	-1.2
26		BUDHIPADAR-KORBA	D/C	0	0	3.2	0.0	3.2
ER-WR						34.5	1.2	33.3
Import/Export of ER (With SR)								
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	14.4	-14.4
28	HVDC	JEYPORE-GAZUWAKA B/B	D/C	0.0	342.3	0.0	20.8	-20.8
29	LINK	TALCHER-KOLAR BIPOLE	D/C	0.0	2013.0	0.0	34.9	-34.9
30	400 KV	TALCHER-I/C	D/C	0.0	1325.8	0.0	21.8	-21.8
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0
ER-SR						0.0	70.1	-70.1
Import/Export of ER (With NER)								
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1124	0.0	7.9	-8
33		ALIPURDUAR-BONGAIGAON	D/C	0	887	0.0	9.2	-9
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	2.6	-3
ER-NER						0.0	19.6	-19.6
Import/Export of NER (With NR)								
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	500	0.0	9.1	-9.1
NER-NR						0.0	9.1	-9.1
Import/Export of WR (With NR)								
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	1500	0.0	16.6	-16.6
37		V'CHAL B/B	D/C	500	0	12.2	0.0	12.2
38		APL -MHG	D/C	0	1813	0.0	29.3	-29.3
39	765 KV	GWALIOR-AGRA	D/C	0	2326	0.0	44.4	-44.4
40		PHAGI-GWALIOR	D/C	0	924	0.0	15.9	-15.9
41	400 KV	ZERDA-KANKROLI	S/C	158	40	1.6	0.0	1.6
42		ZERDA -BHINMAL	S/C	180	85	1.2	0.0	1.2
43		V'CHAL -RIHAND	S/C	0	0	0.0	0.0	0.0
44		RAPP-SHUJALPUR	D/C	126	157	0	0	0
45	220 KV	BADOD-KOTA	S/C	73	4	0.7	0.0	0.7
46		BADOD-MORAK	S/C	17	53	0.0	0.6	-0.5
47		MEHGAON-AURAIYA	S/C	47	13	0.5	0.0	0.4
48		MALANPUR-AURAIYA	S/C	18	31	0.0	0.2	-0.2
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0
WR-NR						16.2	107.4	-91.2
Import/Export of WR (With SR)								
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	14.8	-14.8
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0
52	765 KV	SOLAPUR-RAICHUR	D/C	0	1556	0.0	26.8	-26.8
53		WARDHA-NIZAMABAD	D/C	0	1337	0.0	23.1	-23.1
54	400 KV	KOLHAPUR-KUDGI	D/C	390	4	5.6	0.0	5.6
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
WR-SR						7.6	64.7	-57.1
TRANSNATIONAL EXCHANGE								
58		BHUTAN						36.3
59		NEPAL						-5.9
60		BANGLADESH						-14.2