



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: 15th 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 14.09.2017.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार,दिनांक 14-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 14th 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

15-Sep-17

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW) (at 2000 hrs; from RLDCs)	52522	43991	38855	20108	2446	157922
Peak Shortage (MW)	4206	709	25	300	231	5470
Energy Met (MU)	1199	1010	857	424	47	3536
Hydro Gen(MU)	257	63	61	108	26	515
Wind Gen(MU)	7	15	60	-----	-----	82
Solar Gen (MU)*	3.66	11.89	28.70	1.12	0.02	45
Energy Shortage (MU)	45.2	12.9	0.0	0.9	1.5	60.5
Maximum Demand Met during the day (MW) (from NLDC SCADA)	53874	43174	38552	20536	2614	157101

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	0.055	0.00	0.29	19.47	19.76	75.96	4.28

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	9381	0	210.0	84.9	-0.3	122	0.0
	Haryana	8642	263	186.5	121.2	1.7	181	0.4
	Rajasthan	8966	0	197.7	73.5	2.5	205	5.7
	Delhi	5637	0	117.3	87.7	0.2	198	0.0
	UP	16605	1680	372.4	190.0	3.1	513	29.7
	Uttarakhand	2015	0	42.2	13.2	0.7	76	0.0
	HP	1356	0	27.1	6.7	1.7	831	0.0
	J&K	2026	507	39.7	21.2	4.2	244	9.4
	Chandigarh	280	0	5.6	5.8	-0.2	0	0.0
	Chhattisgarh	3853	71	89.7	32.7	-0.9	191	0.3
WR	Gujarat	14515	0	322.6	49.9	0.0	288	0.0
	MP	7762	0	171.7	80.2	0.5	240	0.0
	Maharashtra	16989	609	385.9	107.1	1.0	666	12.6
	Goa	490	0	9.8	9.6	0.3	84	0.0
	DD	327	0	7.4	6.6	0.8	50	0.0
	DNH	753	0	17.4	16.5	0.9	68	0.0
	Essar steel	345	0	5.7	5.7	0.1	255	0.0
SR	Andhra Pradesh	7601	0	160.5	46.8	-0.9	305	0.0
	Telangana	8040	0	175.3	89.5	-2.8	368	0.0
	Karnataka	7390	0	154.4	44.5	1.4	494	0.0
	Kerala	3262	0	64.8	41.7	1.7	315	0.0
	Tamil Nadu	13303	0	294.4	134.0	5.2	630	0.0
	Pondy	327	0	7.2	7.0	0.1	54	0.0
ER	Bihar	4394	0	88.4	83.5	0.1	150	0.0
	DVC	2987	0	67.2	-28.2	0.4	280	0.9
	Jharkhand	1250	0	24.3	19.1	-0.9	140	0.0
	Odisha	4146	0	85.2	30.3	-0.6	280	0.0
	West Bengal	8415	0	157.8	62.5	2.4	260	0.0
	Sikkim	90	0	1.1	1.1	0.0	15	0.0
NER	Arunachal Pradesh	123	2	2.1	2.9	-0.8	7	0.0
	Assam	1513	194	29.5	22.0	2.8	178	1.4
	Manipur	152	2	2.3	2.4	-0.1	38	0.0
	Meghalaya	242	0	4.7	-1.4	0.0	161	0.0
	Mizoram	85	1	1.4	1.4	-0.1	14	0.0
	Nagaland	113	1	2.3	1.9	0.2	22	0.0
	Tripura	247	2	4.4	3.9	0.3	89	0.0

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	32.3	-5.2	-15.4
Day peak (MW)	1427.2	-359.4	-672.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	240.2	-227.4	51.5	-59.9	-4.0	0.3
Actual(MU)	244.6	-236.5	40.2	-52.9	-3.4	-8.0
O/D/U/D(MU)	4.4	-9.0	-11.3	7.0	0.6	-8.3

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	2401	15759	5510	2380	126	26176
State Sector	9495	15906	7182	4865	110	37558
Total	11896	31665	12692	7245	236	63734

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	Total
Thermal (Coal & Lignite)	604	1115	568	394	6	2686
Hydro	257	63	61	108	26	515
Nuclear	28	3	44	0	0	75
Gas, Naptha & Diesel	67	75	17	0	23	182
RES (Wind, Solar, Biomass & Others)	18	27	126	1	0	172
Total	973	1284	815	503	55	3630

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

सचिव(ऊर्जा)/संयुक्त सचिव(परिचालन)/(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 :	15-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	204	0.0	5.4	-5.4	
2		SASARAM-FATEHPUR	S/C	0	9	3.0	0.0	3.0	
3		GAYA-BALIA	S/C	0	446	0.0	6.5	-6.5	
4	HVDC	ALIPURDUAR-AGRA	-	0	411	0.0	11.6	-11.6	
5		PUSAULI B/B	S/C	0	198	0.0	4.8	-4.8	
6	400 KV	PUSAULI-VARANASI	S/C	0	179	0.0	0.0	0.0	
7		PUSAULI-ALLAHABAD	S/C	0	50	0.0	0.0	0.0	
8		MUZAFFARPUR-GORAKHPUR	D/C	0	776	0.0	12.4	-12.4	
9		PATNA-BALIA	Q/C	0	1145	0.0	17.6	-17.6	
10		BIHARSHARIFF-BALIA	D/C	0	279	0.0	4.3	-4.3	
11		BARH-GORAKHPUR	D/C	0	0	4.4	0.0	4.4	
12	BIHARSHARIFF-VARANASI	D/C	0	142	0.0	0.4	-0.4		
13	220 KV	PUSAULI-SAHUPURI	S/C	0	243	0.0	5.3	-5.3	
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						7.8	68.3	-60.5	
Import/Export of ER (With WR)									
18	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	167	4.0	0.0	4.0	
19		NEW RANCHI-DHARAMJAIGARH	D/C	0	0	9.6	0.0	9.6	
20	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	0	34	0.0	1.7	-1.7	
21		JHARSUGUDA-RAIGARH	S/C	0	46	0.8	0.0	0.8	
22		IBEUL-RAIGARH	S/C	0	0	0.8	0.0	0.8	
23		STERLITE-RAIGARH	D/C	0	0	3.6	0.0	3.6	
24		RANCHI-SIPAT	D/C	0	0	7.4	0.0	7.4	
25	220 KV	BUDHIPADAR-RAIGARH	S/C	0	75	0.0	0.4	-0.4	
26		BUDHIPADAR-KORBA	D/C	0	0	4.1	0.0	4.1	
ER-WR						30.2	2.1	28.1	
Import/Export of ER (With SR)									
27	765 KV	ANGUL-SRIKAKULAM	D/C	0.0	0.0	0.0	12.6	-12.6	
28	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	0.0	189.6	0.0	7.4	-7.4	
29		TALCHER-KOLAR BIPOLE	D/C	0.0	2008.9	0.0	18.8	-18.8	
30	400 KV	TALCHER-I/C	D/C	0.0	1095.8	0.0	11.4	-11.4	
31	220 KV	BALIMELA-UPPER-SILERRU	S/C	0.0	0.0	0.0	0.0	0.0	
ER-SR						0.0	38.8	-38.8	
Import/Export of ER (With NER)									
32	400 KV	BINAGURI-BONGAIGAON	D/C	0	1600	0.0	6.6	-7	
33		ALIPURDUAR-BONGAIGAON	D/C	0	1323	0.0	1.0	-1	
34	220 KV	ALIPURDUAR-SALAKATI	D/C	0	0	0.0	1.6	-2	
ER-NER						0.0	9.2	-9.2	
Import/Export of NER (With NR)									
35	HVDC	BISWANATH CHARIALI-AGRA	-	0	701	0.0	14.8	-14.8	
NER-NR						0.0	14.8	-14.8	
Import/Export of WR (With NR)									
36	HVDC	CHAMPA-KURUKSHETRA	D/C	0	3000	0.0	52.8	-52.8	
37		VCHAL B/B	D/C	500	0	7.1	0.0	7.1	
38		APL -MHG	D/C	0	2519	0.0	52.2	-52.2	
39	765 KV	GWALIOR-AGRA	D/C	0	3050	0.0	57.3	-57.3	
40		PHAGI-GWALIOR	D/C	0	1158	0.0	20.8	-20.8	
41	400 KV	ZERDA-KANKROLI	S/C	181	34	2.5	0.0	2.5	
42		ZERDA -BHINMAL	S/C	184	109	0.3	0.0	0.3	
43		VCHAL -RIHAND	S/C	0	0	0.0	0.0	0.0	
44		RAPP-SHUJALPUR	D/C	0	334	0	2	-2	
45	220 KV	BADOD-KOTA	S/C	57	24	0.4	0.1	0.4	
46		BADOD-MORAK	S/C	13	56	0.0	0.4	-0.4	
47		MEHGAON-AURAIYA	S/C	81	0	1.4	0.0	1.4	
48		MALANPUR-AURAIYA	S/C	37	12	0.4	0.0	0.4	
49	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						12.2	186.1	-173.9	
Import/Export of WR (With SR)									
50	HVDC	BHADRAWATI B/B	-	0	1000	0.0	13.5	-13.5	
51	LINK	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
52		SOLAPUR-RAICHUR	D/C	818	833	818.0	5.7	812.3	
53	765 KV	WARDHA-NIZAMABAD	D/C	0	1318	0.0	23.8	-23.8	
54		KOLHAPUR-KUDGI	D/C	718	0	10.6	0.0	10.6	
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						830.6	43.0	787.6	
TRANSNATIONAL EXCHANGE									
58		BHUTAN						32.3	
59		NEPAL						-5.2	
60		BANGLADESH						-15.4	