



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: 20th July, 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. Executive Director, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
कार्यपालक निदेशक, 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. कार्यपालक निदेशक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 19.07.2016.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स. - 5.5.1 के प्रावधान के अनुसार, दिनांक 19.07.16 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 19th July 2016, is available at the NLDC website.

http://posoco.in/WebsiteData/Reports/DailyReports/2016-2017/July%202016/20.07.16_NLDC_PSP.pdf

Thanking You.

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

Report for previous day

Date of Reporting

20-Jul-16

A. Maximum Demand

	NR	WR	SR	ER	NER	Total
Demand Met during Evening Peak hrs(MW)	46037	37675	34575	18374	2334	138995
Peak Shortage (MW)	892	66	0	0	136	1094
Energy Met (MU)	1039	851	790	380	42	3102
Hydro Gen(MU)	350	80	47	75	24	576
Wind Gen(MU)	26	88	84	-----	-----	198

B. Frequency Profile (%)

Region	<49.2	<49.7	49.7-49.8	49.8-49.9	<49.9	49.9-50.05	> 50.05
NEW GRID	0.00	0.00	0.13	1.70	1.89	83.36	14.81
SR GRID	0.00	0.00	0.13	1.70	1.89	83.36	14.81

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)
NR	Punjab	9392	0	203.7	127.2	-0.3	186
	Haryana	8676	0	169.4	149.0	-1.2	149
	Rajasthan	8335	0	179.1	73.4	3.9	513
	Delhi	5319	0	101.6	88.4	0.7	245
	UP	13240	650	282.6	146.6	0.4	537
	Uttarakhand	1795	0	37.7	15.9	0.7	154
	HP	1222	0	26.1	0.6	1.6	372
	J&K	1528	382	33.0	15.4	-4.9	94
WR	Chhattisgarh	306	0	6.0	6.4	-0.4	28
	Chhattisgarh	3257	0	76.5	19.8	3.9	459
	Gujarat	11143	0	250.8	30.2	-1.1	385
	MP	6468	0	132.0	67.5	-2.0	308
	Maharashtra	16254	0	352.5	114.9	5.7	929
	Goa	397	0	8.3	6.8	0.8	71
	DD	304	0	6.8	6.3	0.5	64
	DNH	723	0	16.6	16.9	-0.3	5
SR	Essar steel	413	0	7.3	7.1	0.2	409
	Andhra Pradesh	6106	0	138.4	20.4	3.2	869
	Telangana	6360	0	136.7	84.0	-1.0	415
	Karnataka	8302	0	159.7	63.0	-1.2	523
	Kerala	3330	0	61.0	41.6	1.3	258
	Tamil Nadu	13600	0	287.1	110.8	3.6	991
ER	Pondy	335	0	7.1	7.3	-0.2	32
	Bihar	3202	0	67.2	65.1	-0.2	250
	DVC	2857	0	62.0	-28.6	-3.1	200
	Jharkhand	1088	0	20.1	18.0	-1.1	50
	Odisha	4053	0	81.3	25.5	2.8	320
	West Bengal	7802	0	148.6	40.8	4.6	450
NER	Sikkim	87	0	1.3	1.7	-0.4	20
	Arunachal Pradesh	98	6	2.0	2.2	-0.2	15
	Assam	1512	68	27.9	20.5	2.4	198
	Manipur	125	4	2.1	2.1	0.0	24
	Meghalaya	242	0	3.2	0.4	-0.7	45
	Mizoram	73	4	1.2	0.9	0.2	23
	Nagaland	113	2	2.0	1.8	0.1	13
Tripura	221	2	3.5	3.1	0.0	52	

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

	Bhutan	Nepal	Bangladesh
Actual(MU)	35.8	-4.7	-12.4
Day peak (MW)	1456.4	-183.4	-549.0

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

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	198.3	-194.5	82.5	-88.5	-7.1	-9.3
Actual(MU)	198.6	-197.6	81.6	-90.5	-7.3	-15.2
O/D/U/D(MU)	0.3	-3.1	-0.9	-1.9	-0.2	-5.9

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	Total
Central Sector	3455	15288	2720	2050	117	23630
State Sector	15005	22924	8407	4549	110	50995
Total	18460	38212	11127	6599	227	74625

सचिव(ऊर्जा)/ विशेष सचिव(ऊर्जा)/अतिरिक्त सचिव(ऊर्जा)/संयुक्त सचिव(पारिषद)/(ओ एम)/निदेशक(ओ एम)/मुख्य अभियंता-के०वि०प्रा०(वि०प्रा०)/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 :	20-Jul-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	357	0.0	13.7	-13.7	
2		SASARAM-FATEHPUR	S/C	248	0	3.1	0.0	3.1	
3		GAYA-BALIA	S/C	0	326	0.0	5.4	-5.4	
4	HVDC LINK	PUSAULI B/B	S/C	0	372	0.0	8.9	-8.9	
5	400 KV	PUSAULI-SARNATH	S/C	0	278	0.0	0.0	0.0	
6		PUSAULI-ALLAHABAD	D/C	0	133	0.0	0.0	0.0	
7		MUZAFFARPUR-GORAKHPUR	D/C	3	707	0.0	13.8	-13.8	
8		PATNA-BALIA	Q/C	0	1016	0.0	21.2	-21.2	
9		BIHARSHARIFF-BALIA	D/C	63	205	0.0	1.7	-1.7	
10		BARH-GORAKHPUR	D/C	0	543	0.0	11.3	-11.3	
11		BIHARSHARIFF-VARANASI	D/C	607	0	0.0	1.7	-1.7	
12	220 KV	PUSAULI-SAHUPURI	S/C	0	224	0.0	4.2	-4.2	
13	132 KV	SONE NAGAR-RIHAND	S/C	0	0	0.0	0.0	0.0	
14		GARWAH-RIHAND	S/C	0	0	0.4	0.0	0.4	
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						3.6	81.9	-78.4	
Import/Export of ER (With WR)									
17	765 KV	JHARSUGUDA-DHARAMJAIGARH S/C	D/C	0	845	0.0	12.3	-12.3	
18		NEW RANCHI-DHARAMJAIGARH	D/C	306	176	1.0	0.0	1.0	
19	400 KV	ROURKELA - RAIGARH (SEL LILO BYPASS)	S/C	95	47	0.5	0.0	0.5	
20		JHARSUGUDA-RAIGARH	S/C	95	48	0.5	0.0	0.5	
21		IBEUL-RAIGARH	S/C	72	164	4.3	0.0	4.3	
22		STERLITE-RAIGARH	D/C	30	0	0.6	0.0	0.6	
23		RANCHI-SIPAT	D/C	153	67	1.0	0.0	1.0	
24	220 KV	BUDHIPADAR-RAIGARH	S/C	0	166	0.0	2.5	-2.5	
25		BUDHIPADAR-KORBA	D/C	19	102	0.0	0.9	-0.9	
ER-WR						7.9	15.7	-7.9	
Import/Export of ER (With SR)									
26	HVDC LINK	JEYPORE-GAZUWAKA B/B	D/C	2.0	336	0.0	13.9	-13.9	
27	400 KV	TALCHER-KOLAR BIPOLE	D/C	0.0	1979	0.0	42.6	-42.6	
28		TALCHER-I/C		650.9	96	11.2	3.1	8.1	
29	220 KV	BALIMELA-UPPER-SILERRU	S/C	0	0	0.0	0.0	0.0	
ER-SR						11.2	56.5	-56.5	
Import/Export of ER (With NER)									
30	400 KV	BINAGURI-BONGAIGAON	Q/C	698	13	11.2	0.0	11	
31	220 KV	BIRPARA-SALAKATI	D/C	0	0	0.0	0.9	-1	
ER-NER						11.2	0.9	10.3	
Import/Export of NR (With NER)									
32	HVDC	BISWANATH CHARIALI-AGRA	-	0	0	0.0	0.0	0.0	
NR-NER						0.0	0.0	0.0	
Import/Export of WR (With NR)									
33	HVDC	VCHAL B/B	D/C	250	0	5.8	0.0	5.8	
34	HVDC	APL -MHG	D/C	0	2159	0.0	51.7	-51.7	
35	765 KV	GWALIOR-AGRA	D/C	0	2996	0.0	52.8	-52.8	
36	765 KV	PHAGI-GWALIOR	D/C	0	1360	0.0	25.9	-25.9	
37	400 KV	ZERDA-KANKROLI	S/C	123	171	0.0	0.2	-0.2	
38	400 KV	ZERDA -BHINMAL	S/C	120	227	0.0	0.6	-0.6	
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	0	133	0.0	2.1	-2.1	
42		BADOD-MORAK	S/C	0	131	0.0	2.4	-2.4	
43		MEHGAON-AURAIYA	S/C	51	0	0.7	0.0	0.7	
44		MALANPUR-AURAIYA	S/C	24	9	0.2	0.1	0.1	
45	132KV	GWALIOR-SAWAI MADHOPUR	S/C	0	0	0.0	0.0	0.0	
WR-NR						6.7	135.7	-129.1	
Import/Export of WR (With SR)									
46	HVDC LINK	BHADRAWATI B/B	-	0	1000	0.0	22.8	-22.8	
47	765 KV	BARSUR-L.SILERU	-	0	0	0.0	0.0	0.0	
48		SOLAPUR-RAICHUR	D/C	0	2504	0.0	47.0	-47.0	
49	400 KV	KOLHAPUR-KUDGI	D/C	33	291	0.0	3.2	-3.2	
50	220 KV	KOLHAPUR-CHIKODI	D/C	0	178	0.0	3.8	-3.8	
51		PONDA-AMBEWADI	S/C	0	0	0.0	0.0	0.0	
52		XELDEM-AMBEWADI	S/C	98	0	2.0	0.0	2.0	
WR-SR						2.0	76.8	-74.8	
TRANSNATIONAL EXCHANGE									
54		BHUTAN						35.8	
55		NEPAL						-4.7	
56		BANGLADESH						-12.4	