

**POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT**

Reporting Date : 20-Sep-23

W the maximum generation is :-

15648.0

21:00 Hrs on 19-Apr-23

The Summary of Yesterday's		19-Sep-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation	:	12559.0	MW	Hour :	12:00	Min. Gen. at	8:00	10628
Evening Peak Generation	:	13694.0	MW	Hour :	20:00	Available Max Generation	:	15985
E.P. Demand (at gen end)	:	13890.0	MW	Hour :	20:00	Max Demand (Evening)	:	15000
Maximum Generation	:	13694.0	MW	Hour :	20:00	Reserve(Generation end)	:	985
Total Gen. (MKWH)	:	297.953		System Load Factor	:	99.66%		0

from East grid to West grid :- Maximum		890	MW	at	19:00	Energy	
from West grid to East grid :- Maximum						Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A M on	20-Sep-23	Rule curve :	108.46	Ft (MSL)
	108.46				

Gas Consumed :	Total =	1136.70	MMCFD.	Oil Consumed (PDB) :	
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Gas Consumed Fuel (PDB+Pvt) :	Gas :	Tk155,856,055	Coal :	Tk616,395,301	Oil :	Tk469,656,929	Total :	Tk1,241,908,285
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Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	
Dhaka	0	0.00	5149	0	0%
Chittagong Area	0	0.00	1418	0	0%
Khulna Area	0	0.00	1988	0	0%
Rajshahi Area	0	0.00	1729	0	0%
Cumilla Area	25	0.00	1422	0	0%
Mymensingh Area	132	0.00	1058	0	0%
Sylhet Area	30	0.00	592	0	0%
Barisal Area	0	0.00	494	0	0%
Rangpur Area	0	0.00	967	0	0%
Total	187		14816	0	

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2 2) Ghorasal-3,7 3) Shajibazar 330 MW 4) Baghabari-71,100 MW 5) Raazzan unit-2 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:20	08:20	Rangpur 132/33kV S/S T-2 (404T) HT is restored.	
08:20	08:20	Rangpur 132/33kV S/S T-1(414T) HT is restored.	
08:21	08:21	Rangpur 132/33kV S/S T-1(414T) LT is restored.	
08:21	08:21	Rangpur 132/33kV S/S T-2 (404T) LT is restored.	
08:25	09:27	Niamatpur 132/33kV S/S 407T LT Forced S/D Due to red hot problem sapahar feeder under T-1 transformer.	18 MW load interrup.
08:33	09:27	Niamatpur 132/33kV S/S 407T HT Forced S/D Due to red hot problem sapahar feeder under T-1 transformer.	
09:39	15:54	Fatullah 132/33kV S/S 132/33 kV GT-2 LT Scheduled S/D .	
09:39	15:54	Fatullah 132/33kV S/S 132/33 kV GT-2 HT Scheduled S/D .	
10:34		Mirsora 230/33kV S/S 150 MW Power Station -02 Project Work S/D Due to EGCB Bay Extension Work .	0.2 MW load interrup.
10:45		Rampura-Ullon-2 132kV Ckt-1 Scheduled S/D from Rampura 230/132kV end Due to Work at Ullon end.	
11:19	17:05	Sonargaon 132/33kV S/S BUS A Scheduled S/D Due to Corrective maintenance work for Bashundhara line.	
13:39	16:18	Haripur-Meghnaghat 230kV Ckt-1 Forced S/D from Haripur 230/132kV end Due to Red Hot Maintenance at Meghnaghat SS and from Meghnaghat 230/132kV end Due to Maintenance work of Haripur-1 Line CT.	
14:18	14:41	Ghorasal 230/6kV aux. tr. (3DR) was charged	
14:47		Ashuganj-Kishoreganj 132kV Ckt-2 Forced S/D from Kishoreganj 132/33kV end Due to Right of Way and from Ashuganj 230/132/33kV end Due to As per instruction of NLDC.	
15:04	15:04	Summit meghnaghat-2 589 MW PP GT shut down .	420 MW generation interrup.
15:14		Kalurghat 132/33kV S/S TRFO-01(506T) LT Forced S/D Due to Bus 1 red hot maintenance by bpdb .	
	15:43	Kaptai U-1 & U-3 were tripped due to vibration problem.	63 MW generation interrup.
	15:54	Kaptai U-1 was synchronized.	
	16:10	Fatullah 132/33kV S/S 132/33 kV GT-2 HT is restored.	
	16:12	Chattoogram TPP-1 (210 MW) was synchronized.	
	16:12	Kaptai U-3 was synchronized.	
	16:45	Mirpur 132/33kV S/S T1 HT is restored.	
	17:01	Siraganj 132/33kV S/S T3-(435) HT is restored.	
17:15	18:07	Nawabganj 132/33kV S/S 33kV Bus Section-2 Scheduled S/D Due to 33kV Kushumthali Feeder clamp maintenance	17 MW load interrup.
18:28		Bhola Nutan Biddut ST was tripped due to HRG hot oil level high.	70 MW generation interrup.
18:36		Bhola Nutan Biddut GT-1 was tripped due to diverter damper fault.	75 MW generation interrup.
18:50		United Mymensing 200 MW was tripped.	134 MW generation interrup.
18:50		Jamalpur 115 MW unit was tripped.	104 MW generation interrup.
	19:01	Jamalpur 115 MW unit was synchronized.	
	19:11	United Mymensing 200 MW was synchronized.	
	20:03	Bhola Nutan Biddut GT was synchronized.	
20:07	23:02	Sylhet 132/33kV S/S T4 LT Tripped showing OC relays Due to Over load.	
20:15	21:38	Chandraghona 132/33kV S/S TR-01(406T) HT Forced S/D Due to Wasa 33 kv feeder faulty cable change PBS.	20 MW load interrup.
	21:24	Summit meghnaghat-2 589 MW PP GT synchronized.	
01:24	01:56	Noapara 132/33kV S/S T-4 HT Tripped showing WTI relays Due to WTI Tripping.	19 MW load interrup.
01:24	01:57	Noapara 132/33kV S/S T-4 LT Tripped showing Inter Tripping relays Due to 132kV Protection Operated.	
01:25		BIPTC S/S 20DF-24 Tripped showing 21R relays Due to Tripped by Impedance 21R.	
06:29		Dhamrai 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Red-hot maintenance work.	
06:31		Dhamrai 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Red-hot maintenance work.	
06:36		Ammura-Chapainawabganj-132kV Ckt-1 Scheduled S/D from Ammura 132/33kV end Due to Corrective Maintenance in Chapainawabganj 132/33kV grid Substation end.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle