

POWER GRID COMPANY OF BANGLADESH LTD.

**NATIONAL LOAD DESPATCH CENTER
DAILY REPORT**

Reporting Date : 27-May-23

Till now the maximum generation is :-		15648.0		21:00 Hrs on 19-Apr-23	
The Summary of Yesterday's		26-May-23		Generation & Demand	
Day Peak Generation :	10284.0 MW	Hour :	12:00	Min. Gen. at	6:00
Evening Peak Generation :	12548.0 MW	Hour :	19:30	Available Max Generation :	13883
E.P. Demand (at qen end) :	12600.0 MW	Hour :	19:30	Max Demand (Evening) :	13500
Maximum Generation :	12548.0 MW	Hour :	19:30	Reserve(Generation end)	383
Total Gen. (MCKWH) :	243.2	System Load Factor :	80.75%	Load Shed	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid -> Maximum	580 MW	at	19:00	Energy	
Import from West grid to East grid -> Maximum		at	-	Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	27-May-23	Rule curve :	77.00	Fl. (MSL.)
	73.07	FL(MSL.)			

Gas Consumed :	Total =	1112.70	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk160,628,136	Coal :	Tk101,428,228	Oil :	Tk388,247,374	Total :	Tk650,303,737
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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	4534	0	0%
Chittagong Area	0	0:00	1246	0	0%
Khulna Area	0	0:00	1745	0	0%
Rajshahi Area	0	0:00	1517	0	0%
Cumilla Area	0	0:00	1248	0	0%
Mymensingh Area	50	0:00	928	0	0%
Sylhet Area	0	0:00	520	0	0%
Barisal Area	0	0:00	434	0	0%
Rangpur Area	0	0:00	848	0	0%
Total	50		13019	0	

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 2
	2) Cherrass-3/7
	3) Bhula Nulton Biddut
	4) Baghabari-71,100 MW
	5) Raocan unit-2
	6) Siddhirganj 210 MW
	7) Shahjibazar 330 MW
	8) Sirajganj- 2

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:03		Sirajganj Gas 225MW Unit-2 GT was sync.	
08:05	09:57	Saikhira 132/33kV S/S Transformer-1 (T-1) LT Forced S/D Due to Red hot maintenance at Kalaroa & Ashasuni 33 KV feeder source side isolator.	
08:06	09:56	Saikhira 132/33kV S/S Transformer-1 (T-1) HT Forced S/D Due to Red hot maintenance at Kalaroa & Ashasuni 33 KV feeder source side isolator.	
08:20	08:20	Bogura(New)-Bogura(Sherpur) 132 KV Ckt-2 is restored.	
08:26	09:09	Bhandaria 132/33kV S/S Transformer-1 LT Forced S/D Due to Red hot maintenances	
08:26	09:08	Bhandaria 132/33kV S/S Transformer-1 HT Forced S/D Due to Red hot maintenances	
08:35	09:05	Haripur-Rahim Steel 132 KV ckt tripped showing O/C, E/F relay.	
09:04	16:03	Ishurdi 132/33kV S/S 132 KV Bus-1 Scheduled S/D Due to BUS DS-631 Loop change	
09:20	11:26	Saidpur 132/33kV S/S TR-2 (404T) LT Forced S/D Due to Bus isolator connector changing works of Nilphamari Nesco-1 33kV feeder.	
09:21	11:25	Saidpur 132/33kV S/S TR-2 (404T) HT Forced S/D Due to Bus isolator connector changing works of Nilphamari Nesco-1 33kV feeder.	
10:37	10:25	Bogura 230/132kV S/S Confidence UN-2 is restored.	
		Sirajganj Gas 225MW Unit-2 ST was sync.	
	11:25	Gopalganj 132/33kV S/S T1 HT is restored.	
	11:26	Gopalganj 132/33kV S/S T1 LT is restored.	
11:36	15:18	Jamalpur-Mymensingh 132kV Ckt-1 Scheduled S/D from Mymensingh 132/33kV end Due to Transportation of T-3 transformer from its pad to T-2 pad and from Jamalpur 132/33kV end.	
12:00		Day peak generation: 10285 MW.	
12:06	17:11	Ashuganj 230/132/33kV S/S T-3 Kalabagan LT Tripped showing 1. (OC/EF)50-A&B phase 2. (OC/EF)67- A&B phase 3. lockout relays Due to over current, earth fault.	
12:06	17:10	Ashuganj 230/132/33kV S/S T-3 Kalabagan HT Tripped showing Lockout relays Due to over current, earth fault	
12:54	14:12	Juddah 132/33kV S/S 133/33 KV T-2 416T LT Project Work S/D Due to Increasing Transformer Capacity.	
12:55	14:11	Juddah 132/33kV S/S 133/33 KV T-2 416T HT Project Work S/D Due to Increasing Transformer Capacity.	
15:19	18:33	Jamalpur-Mymensingh 132kV Ckt-2 Scheduled S/D from Jamalpur 132/33kV end. and from Mymensingh 132/33kV end Due to Due to TR2 Transformer shifting work safety purposes	
	16:22	Bheramara P/S-Ishurdi 132 KV Ckt-2 is restored.	
	17:22	Dohazari-Sikalbaha 132 KV Ckt-1 is restored.	
	18:16	Ishwardi-Natore 132kV Ckt-1 is restored.	
	18:16	Ishwardi-Natore 132kV Ckt-2 is restored.	
19:30		Evening Peak Gen. 12548 MW	
06:00		Minimum Generation = 9,541MW	
07:04		Ishwardi-Natore 132kV Ckt-1 Project Work S/D from Ishurdi 132/33kV end. and from Natore 132/33kV end.	
07:04		Ishwardi-Natore 132kV Ckt-2 Project Work S/D from Ishurdi 132/33kV end. and from Natore 132/33kV end.	
07:10		Purbasadpur 132/33kV S/S T-3 Transformer (423T) LT Scheduled S/D Due to 33KV bus coupler red hot maintenance	20.0MW load interrup.
07:47		Sirajganj Unit-3 GT Sync.	
08:00		Mahashangarh 132/33kV S/S 416T MTR 2 LT Scheduled S/D Due to 33 kv bus shutdown for maintenance work	12.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle