

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

Reporting Date : 12-Apr-23

Till now the maximum generation is : -

14782.0

21:00

Hrs on

16-Apr-22

The Summary of Yesterday's		11-Apr-23		Generation & Demand		21:00		Hrs on		16-Apr-22	
Day Peak Generation		12948.0	MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand		Min. Gen. at	7:00	10887	
Evening Peak Generation		14800.0	MW	Hour :	21:00	Available Max Generation				15040	
E.P. Demand (at gen end)		14896.0	MW	Hour :	21:00	Max Demand (Evening)				15000	
Maximum Generation		14800.0	MW	Hour :	21:00	Reserve(Generation end)				40	
Total Gen. (MKWH)		309.2		System Load Factor	87.05%	Load Shed				0	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid - Maximum 440 MW at 22:00 Energy

Import from West grid to East grid - Maximum 0 MW at 00:00 Energy

Actual : Water Level of Kaptai Lake at 6:00 A.M on 12-Apr-23 Ft.(MSL) : 76.23 Rule curve : 85.80 Ft.(MSL)

Gas Consumed : Total = 1041.91 MMCFD. Oil Consumed (POB) : HSD : FO :

Cost of the Consumed Fuel (PDB+Pvt) : Gas : Tk151,842,736 Coal : Tk302,085,784 Oil : Tk1,123,687,967 Total : Tk1,577,616,487

**Load Shedding & Other Information**

Area	Yesterday	Estimated Demand (S/S end)		Today		Rates of Shedding	
		MW	MW	Estimated Shedding (S/S end)	MW	(On Estimated Demand)	
Dhaka	0	0.00	4869	0	0	0%	0%
Chittagong Area	0	0.00	1351	0	0	0%	0%
Khulna Area	0	0.00	1777	0	0	0%	0%
Rajshahi Area	0	0.00	1569	0	0	0%	0%
Cumilla Area	0	0.00	1339	0	0	0%	0%
Mymensingh Area	88	0.00	1101	0	0	0%	0%
Sylhet Area	0	0.00	497	0	0	0%	0%
Barisal Area	0	0.00	401	0	0	0%	0%
Rangpur Area	0	0.00	870	0	0	0%	0%
<b>Total</b>	<b>88</b>	<b>0.00</b>	<b>13774</b>	<b>0</b>	<b>0</b>		

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) Bhula Nutor Biddut 4) Baghabari-100 MW & 71 MW 5) Razcan unit-1,2 6) Siddhirganj 210 MW. 7) Shaheedz 330 MW 8) Sirajganj-2 & 3 9) Barisal 307 MW

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
09:05	12:16	Kabirpur 132/33kV S/S XFR, T-3 LT Scheduled S/D Due to TR-3 33 KV EPZ and Nayerhat feeder maintenance.	80.0MW load interrup.
09:05	09:05	Kalyanpur-Labag 132kV Ckt-1 is restored.	
09:06	12:15	Kabirpur 132/33kV S/S XFR, T-3 HT Scheduled S/D Due to TR-3 33 KV EPZ and Nayerhat feeder maintenance.	
09:08	09:08	Ramganj 132/33kV S/S Transformer -02 HT is restored.	
09:08	09:08	Ramganj 132/33kV S/S Transformer -02 LT is restored.	
09:55	13:25	Goalpara 132/33kV S/S Bus 1 Scheduled S/D Due to Busbar protection relay test work.	
10:08	17:05	Narail 132/33kV S/S TR1 (403-T) HT Scheduled S/D Due to New 132 KV bus connection with existing 132kV bus and red hot maintenance work at 33KV incomer-01 TR-01 side DS.	
10:08	16:58	Magura-Narail 132kV Ckt-1 Scheduled S/D from Narail 132/33kV end Due to New 132 KV Bus connection with Existing 132kV Bus and red hot maintenance work at 33 KV incomer -01, tr-01 side DS, and from Magura 132/33kV end Due to Work for Narail Sub-Station.	
10:10	17:07	Narail 132/33kV S/S TR1 (403-T) LT Scheduled S/D Due to New 132 KV Bus connection with Existing 132kV Bus and red hot maintenance work at 33 KV incomer-01, tr-01 side DS.	
10:13	11:44	At Narail S/S 132 kv Bus section-1 Shut-down Due to new 132 kv capacitor bank set connection.	
10:15	11:44	Bhaluka 132/33kV S/S Transformer-01 HT Scheduled S/D Due to Relay Testing and dtdst setting implementation	
11:47	11:56	Bhaluka 132/33kV S/S Transformer-02 HT Scheduled S/D Due to Relay testing and dtdst setting implementation	
12:00		Day peak generation 12948 MW.	
13:35		Teesta solar hd tripped	
13:44		Teesta solar hd was sync.	
14:10	14:23	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Tripped showing Earth fault (time), relays Due to Over current Earth fault for 33kv pirgaur WPDCL feeder.	20.0MW load interrup.
14:10	14:24	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT Tripped showing Directinal EIF (time) relays Due to Over current Earth fault for 33kv pirgaur WPDCL feeder.	
14:10	14:23	Bagerhat 132/33kV S/S Transformer-2 (413 T) HT Tripped showing N/A relays Due to Over current Earth fault for 33kv pirgaur WPDCL feeder.	
14:13	14:27	Baishundhara-Rampura 132 kv Ckt-1 Tripped from Rampura 230/132kV end showing Distance Relay (Z11) operated Zone-1 (CN) relays Due to Unknown *	
15:39	16:44	Chandpur 132/33kV S/S 115MW CPGL Power Plant Incomer (L5) Scheduled S/D Due to SF6 gas filling	71.0MW load interrup.
21:00		Evening Peak Gen. 14800 MW	
21:25		Barapukuria S/S-PS 230 KV Ckt-1 Forced S/D from Barapukuria 230/132/33kV end Due to Sky wire red hot	
21:40		Khulna 330 MW CAPP (OIL) GT was shutdown.	
07:00		Minimum Generation = 10,887MW	
07:38		Load measurement in Rajshahi and Sylhet zone is going on from 00:00hr. Mymensingh S/S load measurement is postponed due to a generation shortage after 7:00hr.	
07:57		500MW load is restricted in Rangpur zone from 23:40hr due to the Boropukuria PS-SS 230KV line-2 overload as Boropukuria PS-SS 230KV line-1 is under S/D (open from SS end and PS and was unable to open the CB) due to RH at OPGW and local generation shortage. Kalyanpur 132/33kV end Due to Reduce high temperature at BKR down loop point.	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle