

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

Reporting Date : 22-Jun-24

Till now the maximum generation is : -

16477.0

21:00

Hrs

on

30-Apr-24

The Summary of Yesterday's

21-Jun-24

Generation & Demand

Today's Actual Min Gen. & Probable Gen. & Demand

Day Peak Generation :	10199.0 MW	Hour :	12:00	Min. Gen. at	8:00	10115
Evening Peak Generation :	12708.0 MW	Hour :	21:00	Available Max Generation :		15274
E.P. Demand (at gen end) :	12815.0 MW	Hour :	21:00	Max Demand (Evening) :		13700
Maximum Generation :	12886.0 MW	Hour :	23:00	Reserve(Generation end)		2574
Total Gen. (MKWH) :	257.898	System Load Factor :	83.39%	Load Shed		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	94 MW	at	4:00	Energy	
Import from West grid to East grid :- Maximum	MW	at		Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A M on	22-Jun-24	Rule curve :	81.57	FL(MSL)
	83.44	FL(MSL) ,			

Gas Consumed :	Total =	1108.52 MMCFD.	Oil Consumed (PDB) :		
			HSD :		
			FO :		

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk452,896,399	Coal :	Tk374,415,620	Oil :	Tk243,367,789	Total :	Tk1,070,679,808
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Load Shedding & Other Information

Area	Yesterday			Today			Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	Estimated Shedding (S/S end)	MW	Estimated Demand (S/S end)	Estimated Shedding (S/S end)	
Dhaka	0	0:00	4599	0	0%	0%	
Chattogram Area	0	0:00	1264	0	0%	0%	
Khulna Area	0	0:00	1770	0	0%	0%	
Rajshahi Area	0	0:00	1539	0	0%	0%	
Cumilla Area	0	0:00	1266	0	0%	0%	
Mymensingh Area	0	0:00	942	0	0%	0%	
Sylhet Area	0	0:00	528	0	0%	0%	
Barisal Area	0	0:00	440	0	0%	0%	
Rangpur Area	102	0:00	860	0	0%	0%	
Total	102		13208	0		0	

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST- Unit- 2
- 2) Ghorasal-3,4,7
- 3) Shajibazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raocan unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional information of Machines, lines, interruption / Forced Load shed etc.	Remark
-	9:09	Gopalganj 132/33kV S/S T1 HT is restored.	
-	9:09	Gopalganj 132/33kV S/S T1 LT is restored.	
9:50	11:19	Cumilla(N) 230/132/33kV S/S 132KV T-04 LT Scheduled S/D Due to 33 KV Summit Feeder Bus DS Red Hot Remove.	
9:51	11:18	Cumilla(N) 230/132/33kV S/S 132KV T-04 HT Scheduled S/D Due to 33 KV Summit Feeder Bus DS Red Hot Remove.	
10:14	-	Sylhet 225 MW CAPP Synchronized with remarks:- GT	
11:50	12:13	Cumilla(N)-Meghnaghat 230 KV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Main-1 Distance protection -C -N -Zone-1 Main-2 Distance protection -CN -Z1 relays. and from Meghnaghat 230/132kV end showing Distance relay relays.	
12:00	-	Day peak Generation : 10199 MW	
13:02	16:17	Shikalbaha 230/132kV S/S Hathazari-02 Forced S/D	
-	15:08	Sirajganj 132/33kV S/S Solar Park 2 is restored.	
-	15:08	Sirajganj 132/33kV S/S Solar Park 1 is restored.	
17:15	21:23	Sirajganj 132/33kV S/S Solar Park 1 Tripped showing A/R Lockout Signalling Fail C Diff Failure. relays Due to Due to Differential test at plant site.	
17:20	-	Fenchugonj CAPP Phase-2 Tripped with remarks:- GT-3	
19:14	-	Fenchugonj CAPP Phase-2 Synchronized with remarks:- GT-3	
19:45	23:40	Khulna(S) 230/132kV S/S TR-3 LT Forced S/D Due to Red Hot	
19:46	23:37	Khulna(S) 230/132kV S/S TR-3 HT Forced S/D Due to Red Hot	
19:50	-	Purbasadipur-Thakurgaon-EPV 132kV Ckt-1 Tripped from Thakurgaon 132/33kV end showing Tripping Relay (R,Y,B) relays Due to Distance Relay (Zone-1).	91.0MW load interup. Thakurgaon 132/33kV end
19:52	20:03	Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 Tripped from Purbasadipur 132/33kV end showing Alstom epac 3000 relays.	
21:00	-	Evening Peak generation = 12,708MW	
23:13	-	Meghnaghat CAPP(Summit)-2 Tripped with remarks:- GT,ST	
23:42	23:46	Rampura 230/132kV S/S Auto Transformer - 04 LT Scheduled S/D Due to Transformer (TX-1)carrying.	
23:42	23:46	Rampura 230/132kV S/S Auto Transformer - 04 HT Scheduled S/D Due to Transformer (TX-1)carrying.	
-	6:52	Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) is restored.	
7:00	-	Minimum Generation: 10405 MW.	
7:09	7:51	Maniknagar 230/132kV S/S Auto Transformer-01(705T) LT Scheduled S/D Due to T-1 33 kV Tertiary Loop connection with 230/132 kV Transformer-1.	
7:09	7:51	Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT Scheduled S/D Due to T-1 33 kV Tertiary Loop connection with 230/132 kV Transformer-1.	
7:15	7:51	Maniknagar-Siddhirganj 230kV Ckt-1 Scheduled S/D from Siddhirganj 230/132kV end Due to Maintenance work of Maniknagar end and from Maniknagar 230/132kV end Due to T-1 33 kV Tertiary Loop connection with 230/132 kV Transformer-1.	
7:15	-	Shikalbaha 230/132kV S/S Hathazari - 01 Project Work S/D	
7:44	-	Bogura 132/33kV S/S Transformer-2 LT Scheduled S/D Due to CB pump problem	
7:49	-	Bogura 132/33kV S/S Transformer-2 HT Scheduled S/D Due to CB pump problem	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle