

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

QF-LDC-08
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Reporting Date : 22-Feb-21

Till now the maximum generation is :-

12893 MW

21:00 Hrs on 29-May-19

The Summary of Yesterday's		21-Feb-21 Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	7264.0 MW	Hour :	12:00	Min. Gen. at	5:00 5627 MW
Evening Peak Generation :	8450.0 MW	Hour :	19:30	Available Max Generation :	13837 MW
E.P. Demand (at gen end) :	8450.0 MW	Hour :	19:30	Max Demand (Evening) :	9700 MW
Maximum Generation :	8450.0 MW	Hour :	19:30	Reserve(Generation end)	4137 MW
Total Gen. (MKWH) :	171.2	System Load Factor :	84.43%	Load Shed :	0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum		-177 MW	at	13:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum			at		Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on	22-Feb-21					
Actual :	92.59	Fl.(MSL) :		Rule curve :	94.05	Fl.(MSL)

Gas Consumed :	Total =	826.25	MMCFD.	Oil Consumed (PDB) :			
					HSD :		Liter
					FO :		Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk112,464,884		Oil :	Tk173,126,607	Total :	Tk356,997,589
	Coal :	Tk71,406,098					

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	3446	0	0%
Chittagong Area	0	0:00	1168	0	0%
Khulna Area	0	0:00	1046	0	0%
Rajshahi Area	0	0:00	945	0	0%
Cumilla Area	0	0:00	854	0	0%
Mymensingh Area	0	0:00	689	0	0%
Sylhet Area	0	0:00	390	0	0%
Barisal Area	0	0:00	178	0	0%
Rangpur Area	0	0:00	531	0	0%
Total	0		9247	0	

Information of the Generating Units under shut down.

Planned Shut- Down

Forced Shut- Down

- 1) Barapukuria ST: Unit-1,2
- 2) Baghabari-71 &100 MW
- 3) Ashuganj-3,4,5
- 4) Shahjibazar 330 MW GT-2
- 5) Kaptai-2
- 6) Raozan #1,2
- 7) Siddirganj-335 MW
- 8) Sirajganj #1CCPP
- 9) Haripur 360 MW

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

- a) Sreemangal 132/33 kV T-3 transformer was under shut down at 09:47 for D/W.
- b) Chandpur CCPP ST was synchronized at 12:47.
- c) Barapukuria 132/33 kV T-4 transformer was under shut down from 09:47 to 14:23 due to LT bus maintenance by NESCO.
- d) Khagrachori 132/33 kV T-2 transformer tripped at 13:39 showing PRD relay from both side.
- e) Kushiara GT was synchronized at 16:48.
- f) After maintenance Ghorasal #07 was synchronized at 15:25.
- g) After maintenance Meghnaghat GT-1 was synchronized at 19:32.
- h) Ishurdi 230/132 kV TR-2 transformer tripped at 20:04 due to 230 kV side R phase LA burst showing differential protection relay and was switched on at 21:44.
- i) Bagerhat 132/33 kV T-1 transformer was under shut down from 15:02 to 15:31 due to connecting grounding with marshaling box.
- j) Bagerhat 132/33 kV T-2 transformer was under shut down from 15:35 to 15:58 due to connecting grounding with marshaling box.
- k) Kushiara GT tripped at 02:34 due to control system problem.
- l) Ashuganj (N) CCPP tripped at 02:29 due to CW pump problem.
- m) Sikalaha-TK Chemical 132 kV Ckt was under shut down at 06:55(22-02-2021) for D/W.
- n) Hathazari- Baroaulia 132 kV Ckt-1 was under shut down at 07:34(22-02-2021) for D/W.
- o) Feni 132/33 kV T-2 transformer tripped at 07:20 from 33 kV side showing O/C,E/F relay due to 33 kV PBS feeder fault and was switched on at 10:06(22-02-2021).
- p) Kaliakoir-Tangail 132 kV Ckt-2 was shut down at 07:45(22-02-2021) for D/W.

About 13 MW power interruption occurred under Barapukuria S/S areas from 13:26 to 14:23.

About 15 MW power interruption occurred under Feni S/S areas from 07:20 to 14:23.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle