

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

Reporting Date : 22-Mar-23

Till now the maximum generation is :-

14782.0

21:00

Hrs on

16-Apr-22

The Summary of Yesterday's

21-Mar-23

Generation & Demand

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

Day Peak Generation :	9259.0 MW	Hour :	12:00	Min. Gen. at :	5:00	7464
Evening Peak Generation :	10376.0 MW	Hour :	19:30	Available Max Generation :		13252
E.P. Demand (at gen end) :	10376.0 MW	Hour :	19:30	Max Demand (Evening) :		11600
Maximum Generation :	10376.0 MW	Hour :	19:30	Reserve/(Generation end) :		1652
Total Gen. (MKWH) :	212.5	System Load Factor :	85.34%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	360 MW	at	19:30	Energy	
Import from West grid to East grid :- Maximum	-			Energy	
Actual : Water Level of Kaptai Lake at 6:00 A M on	76.86	Fl.(MSL) :	22-Mar-23	Rule curve :	89.64
				Fl.(MSL) :	

Gas Consumed :	Total =	1029.57 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk142,169,318	Coal :	Tk173,834,363	Oil :	Tk260,899,730
					Total :	Tk576,903,411

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	MW	0.00	MW	0.00	
Dhaka	0	0.00	3949	0	0	0%	
Chittagong Area	0	0.00	1099	0	0	0%	
Khulna Area	0	0.00	1433	0	0	0%	
Rajshahi Area	0	0.00	1264	0	0	0%	
Cumilla Area	0	0.00	1079	0	0	0%	
Mymensingh Area	0	0.00	887	0	0	0%	
Sylhet Area	0	0.00	401	0	0	0%	
Barisal Area	0	0.00	323	0	0	0%	
Rangpur Area	0	0.00	700	0	0	0%	
Total	0	0.00	11126	0	0	0%	

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Ur 10) Bhula Nuton Biddut
- 2) Ghorasa-3.7
- 3) Ashuganj-5
- 4) Baghabari-100 MW & 71 MW
- 5) Raizan unit-2
- 6) Siddhirganj 210 MW
- 7) Shajibazar 330 MW
- 8) Sirajganj-1 & 2
- 9) Kushiara 163 MW ST

Outage Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:22	11:10	Khulna (C) S/S KPCL-2 Scheduled S/D Due to power plant end works.	
08:30	17:17	Aminbazar-Meghnaghat 230KV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to A/M, dead line checking	
08:31	17:52	Kodda 132/33kV S/S Tr-5 (446T) LT Project Work S/D Due to Pbs work	100.0MW load interrup.
08:31	17:50	Kodda 132/33kV S/S Tr-5 (446T) HT Project Work S/D Due to Pbs work	100.0MW load interrup.
08:44	09:45	Feni 132/33kV S/S T-1(405T) HT Forced S/D Due to 33 kv REB-2 feeder Y phase (Bus side) S/Down Taken PBS Feni	15.0MW load interrup.
08:52	16:43	Baroirhat-Hathazari 132 kv Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Maintenance and from Baroirhat 132/33kV end Due to Red hot maintenance works	
08:58	00:07	Hasnabad-Shyampur 230KV Ckt-1 Scheduled S/D from Hasnabad 230/132kV end Due to Relay Replacement Work and from Shyampur 230/132kV end Due to Maintenance work at Hasnabad SS end	
09:16	15:31	Niamatpur 132/33kV S/S 417T LT Scheduled S/D Due to 33kV Aux-2 transformer DS Maintenance & 33 KV R phase PT maintenance for Oil Leakage.	
09:16	15:30	Niamatpur 132/33kV S/S 417T HT Scheduled S/D Due to 33kV Aux-2 transformer DS Maintenance & 33 KV R phase PT maintenance for Oil Leakage.	
09:55	13:17	Baghabari-Shahjadpur 132 kv Ckt-2 Forced S/D from Shahjadpur 132/33kV end Due to CB Maintenance for Baghabari	
10:10	10:17	Chandraghona-Rangamati 132 kv Ckt-2 Tripped from Rangamati 132/33kV end showing REL670 relays Due to Thundering	
10:40	10:43	Cumilla(N)-Cumilla(S) 132 kv Ckt-3 Project Work S/D from Cumilla(S) 132/33kV end.	
	10:45	Purbaadipur 132/33kV S/S T-1 Transformer (403T) HT is restored.	
	10:46	Purbaadipur 132/33kV S/S T-1 Transformer (403T) LT is restored.	
10:49	10:50	Cumilla(N)-Cumilla(S) 132 kv Ckt-1 Project Work S/D from Cumilla(S) 132/33kV end.	
	10:50	Mahaasthangarh 132/33kV S/S 33KV Main bus T-2 is restored.	
10:51	10:59	Cumilla(S) 132/33kV S/S Cumilla North-2 Project Work S/D	
	10:51	Mahaasthangarh 132/33kV S/S 33KV Main bus T-1 is restored.	
11:25		Sirajgonj 210MW Unit-1 was shutdown due to gas booster maintenance.	
12:00		Day peak gen: 9259 MW.	
12:24	15:32	Aminbazar 400/230/132kV S/S 132 kv Bus 01 Scheduled S/D Due to Development work (400/132 kv TR install)	
12:47		Ashuganj network(Kolabagan) 132/33 kv T-3 & T-4 tripped due to bad weather.	44MW load interrup.
12:52		Char sayedpur (DPDC) 132/33kV GT2 Transformer switched on.	
13:01		Sirajgonj 210MW Unit-1 GT was sync.	
13:02	06:21	Feni 132/33kV S/S T-1(405T) LT Forced S/D Due to 33kV Feeder falt	
13:10		Ashuganj network(Kolabagan) 132/33 kv T-4 switched on.	
13:44	14:32	Purbaadipur 132/33kV S/S T-4 Transformer LT Project Work S/D	10.0MW load interrup.
13:45	14:30	Purbaadipur 132/33kV S/S T-4 Transformer HT Project Work S/D	10.0MW load interrup.
14:41		Sirajgonj Gas 210MW Unit-1 ST was sync.	
16:14	14:49	Savar 132/33kV S/S Bus-A is restored.	
16:24	17:09	Khulna(C)-Noapara 132kV Ckt-1 Tripped from Khulna (C) end showing Distance relay relays Due to Distance relay trip zone 1 (10.1 km) and from Noapara 132/33kV end showing Distance Relay relays Due to Distance Relay trip	
16:24	17:09	Patakhali 132/33kV S/S 425T (T-3) LT Tripped showing No relay relays Due to No signal	
17:18	17:51	Patakhali 132/33kV S/S 425T (T-3) HT Tripped showing Lock out relays Due to PRD	
17:18	17:51	Chowmuhani-Feni 132 kv Ckt-2 Tripped from Chowmuhani 132/33kV end showing Distance relay relays Due to None	
17:18	17:50	Chowmuhani-Feni 132 kv Ckt-1 Tripped from Chowmuhani 132/33kV end showing Distance relay relays Due to None	
18:25		Khulna(C)-Noapara 132kV Ckt-2 Forced S/D from Noapara 132/33kV end Due to By the Instruction of ALDC and from Khulna (C) end Due to Sky wire fault	
19:20	21:26	Sirajgonj 132/33kV S/S T4-(445) LT Forced S/D Due to EMERGENCY MAINTENANCE FOR CT RED HOT	15.0MW load interrup.
19:21	21:25	Sirajgonj 132/33kV S/S T4-(445) HT Forced S/D Due to EMERGENCY MAINTENANCE FOR CT RED HOT.	15.0MW load interrup.
19:30		Evening Peak Generation = 10,377MW	
20:23	00:58	Chowmuhani-Feni 132 kv Ckt-1 Forced S/D from Chowmuhani 132/33kV end Due to To remove torn OPGW cable to safe position, and from Feni 132/33kV end Due to S/D taken for Maintenance work Chowmuhani Grid	
20:30	01:14	Chowmuhani-Feni 132 kv Ckt-2 Forced S/D from Chowmuhani 132/33kV end Due to To remove torn OPGW cable to safe position, and from Feni 132/33kV end Due to S/D taken for Maintenance work Chowmuhani Grid	
05:00		Minimum generation: 7465 MW	
07:07		Sylhet 132/33kV S/S T1 LT Tripped showing Over current (I) relays Due to due to Badghat Feeder Fault, Sylhet PBS-1	7.0MW load interrup.
07:35		Baghabari-Shahjadpur 132 kv Ckt-2 Forced S/D from Shahjadpur 132/33kV end Due to CB Maintenance for Baghabari end.	
07:35		Bog-Sherpur 132/33kV S/S Transformer-1 (404T) LT Forced S/D Due to For Red Hot Maintenance	
07:36		Bog-Sherpur 132/33kV S/S Transformer-1 (404T) HT Forced S/D Due to For Red Hot Maintenance	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle