

POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DESPATCH CENTER

DAILY REPORT

Reporting Date : 17-Apr-24

Till now the maximum generation is :-

15648.0

21:00

Hrs on

19-Apr-23

The Summary of Yesterday's	16-Apr-24	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	13091.0 MW	12:00	Min. Gen. at 7:00 11377
Evening Peak Generation :	12780.0 MW	21:00	Available Max Generation : 16411
E.P. Demand (at gen end) :	12830.0 MW	21:00	Max Demand (Evening) : 14700
Maximum Generation :	13362.0 MW	15:00	Reserve(Generation end) 1711
Total Gen. (MKWH) :	301.064	System Load Factor : 88%	Load Shed : 0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	50 MW at 18:30	Energy
Import from West grid to East grid :- Maximum	- MW at -	Energy

Actual :	Water Level of Kaptai Lake at 6:00 A M on 77.11 Ft.(MSL)	17-Apr-24	Rule curve :	84.80	Ft.(MSL)
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Gas Consumed :	Total = 1278.22 MMCFD.	Oil Consumed (PDB) :	
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HSD :  
FO :

Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk473,593,967	Coal : Tk524,395,306	Oil : Tk511,320,913	Total : Tk1,509,310,186
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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	4308	0	-23%
Chittagong Area	0	0:00	1182	0	-21%
Khulna Area	0	0:00	1655	0	-21%
Rajshahi Area	0	0:00	1438	0	-20%
Cumilla Area	0	0:00	1184	0	-21%
Mymensingh Area	0	0:00	880	0	-20%
Sylhet Area	0	0:00	494	0	-21%
Barisal Area	0	0:00	411	0	0%
Rangpur Area	48	0:00	804	0	-20%
<b>Total</b>	<b>48</b>		<b>12357</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) Shahjibazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raozan unit-2
- 6) Siddhirganj 210 MW
- 7) Bibiyana-2

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
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09:18		Bibiyana-III 400 MW CAPP Synchronized with remarks:- ST	
	09:18	Kachua 132/33kV S/S TR-2 HT is restored.	
09:36	12:11	Shyampur-Shyampur(New) 132kV Ckt-2 S/D from Shyampur 230/132kV end Due to Maintenance work at Shyampur end.	
	09:54	Narail 132/33kV S/S Capacitor Bank Bay is restored.	
09:55		Bibiyana-III 400 MW CAPP Synchronized with remarks ST was sd at 09:55 due to high diff. expansion	
	10:29	Meghnaghat-Shyampur 230kV Ckt-1 is restored.	
10:35	19:16	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50MVA) LT Scheduled S/D	
10:35	19:11	Kabirpur - Manikganj 132kV Ckt-2 Scheduled S/D from Manikganj 132/33kV end.	
11:25	12:44	Bhaluka 132/33kV S/S Transformer-02 LT Forced S/D Due to T-2 33 kv bushing clamp high temperature	
	11:38	Aminbazar-Keraniganj 230kV Ckt-2 is restored.	
	11:38	Aminbazar-Keraniganj 230kV Ckt-1 is restored.	
11:50		Bibiana-II 341 MW CAPP (Summit) Synchronized with remarks GT	
	11:57	Bibiana 400/230kV S/S Bibiyana-III (Back feed) is restored.	
12:23	15:10	Shariatpur 132/33kV S/S T1-406T LT Forced S/D Due to Red Hot Maintenance by PBS	20 MW load interruption.
13:24		Bibiana-II 341 MW CAPP (Summit) Synchronized with remarks ST	
15:25	17:22	Ghorasal- Ishwardi 230 kV Ckt-1 Tripped from Ishurdi 230/132kV end showing Z1 (143km), VT fail, SOTF relays.	
15:54	21:08	Haripur 230/132kV S/S Ullon (Maniknagar-2) Tripped showing PH R, Z2 relays Due to Heavy Thundering & Storm	
16:02		Rooppur 230/10.5 KV 20BCT01 & 20BCT02 xfr were S/D	
16:03	16:33	Bhulla 132/33kV S/S GT2 HT Tripped showing MVAJ Relay & Trip Circuit Supervision-02 Relay Due to 1. General trip	
16:30	17:50	Rooppur 230/10.5 KV 20BCT01 & 20BCT02 xfr were S/D	
16:47		Bibiyana-III 400 MW CAPP Synchronized with remarks:- ST	
16:53	17:05	Barishal 132/33kV S/S T-1 (405T) LT Tripped showing 86x relays Due to Polashpur 33kV feeder fault.	66 MW load interruption.
16:53	17:05	Barishal 132/33kV S/S T-2 (415T) LT Tripped showing 86x relays Due to Polashpur 33kV feeder fault.	42 MW load interruption.
17:17	17:32	Bhulla 132/33kV S/S GT2 HT Tripped showing MVAJ, Trip Ckt Supervision-2 relays Due to General, REF Trip	
17:30	17:57	Cumilla(N)-Daudkandi 132 kV Ckt-1 Tripped from Daudkandi end showing Dist. Trip-A, Trip-B, relays Due to Bad Weather	
17:54	21:53	Faridpur-Gopalganj(N) 132 kV Ckt-1 Tripped from Faridpur end showing Distance Relay, relays Due to Storm & Heavy Rain	
18:54	19:42	Gallamari, Khulna (S) 132kV Ckt-1 Forced S/D from Khulna(S) 230/132kV end Due to According to ALDC instruction.	
19:06	19:30	Chowmuhani 132/33kV S/S TR2-425T HT Tripped showing Directional E/F relays Due to Heavy Strom	
19:19	20:36	Chattak-Sylhet 132 kV Ckt-2 Tripped from Sylhet 132/33kV end showing Zone-1, A&B Phase, relays.	4 MW load interruption.
19:21	19:31	Chattak-Sunamganj 132 kV Ckt-1 Tripped from Sunamganj end showing REL 670 relays Due to Chattak end ckt1 & 2	4 MW load interruption.
21:58	23:02	Chowmuhani 132/33kV S/S TR2-425T LT Forced S/D Due to Tr-02 shutdown for Red hot maintenance of 33 kv incoming DS "Y" phase Bus side Risere.	25 MW load interruption.
6:24	7:50	Dohazari 132/33kV S/S Power Transformer -T-2 LT Scheduled S/D Due to RED HOT maintenance by Salkania BPDB	58 MW load interruption.
6:29		Aminbazar-Manikganj PP 132kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end.	
6:49		Shahjibazar 132/33kV S/S TR-02 LT Scheduled S/D Due to Load flow by TR-04 and TR-06.	
7:12		Jhenaidah 132/33kV S/S Transformer T-1 HT Forced S/D Due to Red hot maintenance	60 MW load interruption.
7:58		Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to SD taken by Matarbari	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle