

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

Reporting Date : 10-May-24

Till now the maximum generation is :-

The Summary of Yesterday's	9-May-24	16477.0	21:00	Hrs on	30-Apr-24	Reporting Date : 10-May-24
Day Peak Generation :	12241.0 MW	Hour :	12:00	Min. Gen. at	8:00	9080
Evening Peak Generation :	12487.0 MW	Hour :	19:30	Available Max Generation :		16532
E.P. Demand (at gen end) :	12487.0 MW	Hour :	19:30	Max Demand (Evening) :		12000
Maximum Generation :	12574.0 MW	Hour :	14:00	Reserve(Generation end) :		4632
Total Gen. (MKWH) :	276.341	System Load Factor :	91.57%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR	
Export from East grid to West grid :- Maximum	10 MW at 1:00 Energy
Import from West grid to East grid :- Maximum	- MW at - Energy

Actual :	Water Level of Kaptai Lake at 6:00 A.M on	10-May-24	Rule curve :	80.29	FL (MSL)
	74.01	FL (MSL)			

Gas Consumed :	Total =	1262.23	MMCFD.	Oil Consumed (PDB) :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk478,075,811	Coal :	Tk444,768,332	Oil :	Tk394,549,241	Total :	Tk1,317,393,383

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	MW	4534	Estimated Shedding (S/S end)	MW	
Dhaka	0	0.00	4534	0	0	0%	
Chattogram Area	0	0.00	1246	0	0	0%	
Khulna Area	0	0.00	1745	0	0	0%	
Rajshahi Area	0	0.00	1517	0	0	0%	
Cumilla Area	0	0.00	1248	0	0	0%	
Mymensingh Area	0	0.00	928	0	0	0%	
Sylhet Area	0	0.00	520	0	0	0%	
Barisal Area	0	0.00	434	0	0	0%	
Rangpur Area	0	0.00	848	0	0	0%	
Total	0	0.00	13019	0	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-100 MW
- 5) Racon unit-2
- 6) Siddhirganj 210 MW

Outage **Restore** **Additional Information of Machines, lines, Interruption / Forced Load shed etc.** **Remark**

Time	Time		
08:27	15:26	Madanganj-Munshiganj 132 kV Ckt-2 Scheduled S/D from Madanganj 132/33kV end. and from Munshiganj 132/33kV end. Due to Replacement of the Y phase breaker pole at the Munshiganj Substation. A significant gas leakage has been detected from the top part and non-return bulb of the Y phase pole of the Madanganj Line 2 breaker at the Munshiganj Grid Substation. To resolve this issue, the faulty pole must be replaced with a new one.	
08:46	15:51	Rahanpur 400/132kV S/S AT-01 LT Project Work S/D Due to SUS witness	
09:28	19:38	Hanipur 230/132kV S/S Auto TR-3 LT Project Work S/D Due to Bus bar Protection work.	
09:28	19:35	Hanipur 230/132kV S/S Auto TR-3 HT Project Work S/D Due to Bus bar Protection work.	
09:29	09:29	Bagherhat 132/33kV S/S Transformer-3 (423 T) HT is restored.	
09:30	09:30	Bagherhat 132/33kV S/S Transformer-3 (423 T) LT is restored.	
09:52	09:52	Jhenaidah 132/33kV S/S Transformer T-2 LT is restored.	
10:12	09:52	Jhenaidah 132/33kV S/S Transformer T-2 HT is restored.	
10:12	16:02	Rahanpur-Chowdala 132 kV ckt-2 S/D.	
10:12	15:48	Sylhet (South) S/S Trafo-2 LT Project Work S/D Due to NLDC witness for TR-2	
10:15		Sylhet (South) S/S Trafo-2 HT Project Work S/D Due to NLDC witness for TR-2	
10:27	12:22	Rahanpur-Chowdala 132 kV ckt-1 S/D.	
10:28	12:22	Bhaluka 132/33kV S/S Transformer-02 HT Scheduled S/D Due to 33kV CT temperature high.	10.0MW load interrup.
10:36	12:10	Shahjibazar 132/33kV S/S BPDB 60 MW Scheduled S/D Due to Corrective red hot maintenance	10.0MW load interrup.
12:00	12:18	Day Peak Gen. 12241 MW	
12:35	12:40	Hanipur-Narsingdi 132kV Ckt-1 is restored.	
13:45	12:40	Narsingdi 132/33kV S/S 132 kV Main Bus-1 Scheduled S/D Due to Bus Coupler commissioning work	
13:53	14:24	Shikabaha 230/132kV S/S Interconnection-2 is restored.	
14:09	14:30	Shikabaha 230/132kV S/S Interconnection-2 Forced S/D	
14:16	19:18	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing Distance Protection 21/1 : Z1, BN relays Due to Unknown	
15:07		Kalipur-Tongi 132kV Ckt-2 Tripped from Tongi 230/132/33kV end showing Distance relay relays.	
15:36		Fenchuganj CAPP Phase-2 Synchronized with remarks- gt-4	
16:07	16:18	Jhenaidah-Madura 132 kV Ckt-2 Forced S/D from Madura 132/33kV end Due to 132 kV JHE - MAG CKT-2 Y PHASE CONDUCTOR ARMORING.	
17:23	19:13	Rahanpur-Chowdala 132 kV ckt-1 Syn.	
17:46	17:24	Madanganj-Munshiganj 132 kV Ckt-1 Scheduled S/D from Madanganj 132/33kV end.	
17:45	18:15	Ashuganj-Ghorasal 132kV Ckt-1 Tripped from Ashuganj 230/132/33kV end showing Distance-A phase relays.	
19:30	20:49	Coxsazar 132/33kV S/S T3 HT is restored.	
21:39	21:59	Pabna 132/33kV S/S T-2 LT Forced S/D	5.0MW load interrup.
21:59	22:53	Pabna 132/33kV S/S T-2 HT Forced S/D	5.0MW load interrup.
23:28	22:53	Evening Peak Generation = 12,487MW	
00:11		Chandpur 150 MW CAPP Synchronized with remarks- gt	
00:33		SS Power Synchronized with remarks- Unit-1	
01:11		Kishoreganj 132/33kV S/S T-2 (414T) HT Forced S/D Due to Red hot Remove PDB	30.0MW load interrup.
03:11		Kishoreganj 132/33kV S/S T-2 (414T) HT is restored.	
03:26		Kishoreganj 132/33kV S/S T-3 (424T) LT Tripped showing O/C relay relays Due to O/C, B-Phase	24.0MW load interrup.
04:57		Kushira 163 MW CAPP (KP) Shutdown	
05:04		Chandpur 150 MW CAPP Shutdown	
05:58		Uilon 132/33kV S/S GT-1 LT Forced S/D Due to Strange Noise from 33kV Cable side	
05:59		Coxsazar 132/33kV S/S 405T-1 HT Project Work S/D Due to Transformer Commissioning	
06:00		Coxsazar 132/33kV S/S T3 HT Project Work S/D	56.0MW load interrup.
06:01		Siddhirganj 335 MW CAPP Shutdown with remarks- ST	
06:02		Siddhirganj 335 MW CAPP Shutdown with remarks- GT	
06:13		Tangail 132/33kV S/S Kalia-1 Project Work S/D Due to Schedule S/D for project work.	80.0MW load interrup.
06:13		Mirzapur 132/33kV S/S Mirzapur-Kaliakoir-2A(E09) Project Work S/D Due to [5/8, 8-18 PM] mirzapur 132kv GIS "Grid: Ok sir Reason: For Evacuation of Electricity generated from Ruppur Nuclear Power Plant (Development of Transmission Infrastructure " Mirzapur 132/33kV S/S Mirzapur-Kaliakoir ckt-2B(E-09) Project Work S/D Due to Ruppur Nuclear Power Plant Produced electricity for evacuation (transmission infrastructure development work).	10.0MW load interrup.
06:24		Aminbazar-Keraniganj 230kV Ckt-1 Scheduled S/D from Keraniganj 230/132/33kV end Due to Ruppur project work. and from Aminbazar 400/230/132kV end.	
06:24		Barapukuria-Rangpur 132 kV Ckt-1 Scheduled S/D from Rangpur 132/33kV end. and from Barapukuria 230/132/33kV end Due to Project work.	
06:24		Barapukuria-Rangpur 132 kV Ckt-2 Scheduled S/D from Rangpur 132/33kV end. and from Barapukuria 230/132/33kV end Due to Project work.	
06:24		Aminbazar-Keraniganj 230kV Ckt-2 Project Work S/D from Aminbazar 400/230/132kV end. and from Keraniganj 230/132/33kV end Due to Ruppur project work.	
06:24		Chowmuhani-Rangpur 132 kV Ckt-2 Project Work S/D from Chowmuhani 132/33kV end Due to Due To 230kV Lin Jumper from 132kV Chow-ram Line-01	
06:24		Chowmuhani-Rangpur 132 kV Ckt-1 Project Work S/D from Chowmuhani 132/33kV end Due to Due To 230kV Lin Jumper from 132kV Chow-ram Line-01	
06:24		Barapukuria 230/132/33kV S/S 230/132 kV T-01, 703T LT Scheduled S/D Due to Maintenance work.	
06:24		Barapukuria 230/132/33kV S/S 230/132 kV T-01, 703T HT Scheduled S/D Due to Maintenance work.	
06:24		Ghorasal-Joydeb-B 132kV Ckt-2 Project Work S/D from Joydebpur 132/33kV end Due to L/O Work by project.	10.0MW load interrup.
06:24		Jaldhaka 132/33kV S/S 406T-1 LT Scheduled S/D Due to Corrective Maintenance of T-1, kv Bay	
06:24		Barapukuria-Bogura 230 kV Ckt-1 Project Work S/D from Barapukuria 230/132/33kV end Due to Conductor stringing work and from Bogura 400/230kV end Due to Bogura 400 kV to Parbatipur 400 kV line Strengthening work	
06:24		Barapukuria-Bogura 230 kV Ckt-2 Project Work S/D from Barapukuria 230/132/33kV end Due to Conductor stringing work and from Bogura 400/230kV end Due to Bogura 400 kV to Parbatipur 400 kV line Strengthening work	
07:00		Minimum Generation : 9308 MW	
07:30		Bashundhara-Rampura 132 kV Ckt-2 Scheduled S/D from Rampura 230/132kV end Due to Conductor arming.	
07:35		Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT Scheduled S/D	20.0MW load interrup.
07:35		Purbasadipur 132/33kV S/S T-2 Transformer (413T) LT Scheduled S/D	10.0MW load interrup.
07:36		Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT Scheduled S/D	20.0MW load interrup.
07:36		Purbasadipur 132/33kV S/S T-2 Transformer (413T) HT Scheduled S/D	10.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle