

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

Reporting Date: 27-Apr-24

Till now the maximum generation is :-

The Summary of Yesterday's		26-Apr-24		16233.0		Generation & Demand		21:00 Hrs on 22-Apr-24		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		13837.0	MW	Hour :	12:00	Min. Gen. at	8:00			12445	
Evening Peak Generation :		15550.0	MW	Hour :	21:00	Available Max Generation :				16908	
E.P. Demand (at gen end) :		15870.0	MW	Hour :	21:00	Max Demand (Evening) :				16600	
Maximum Generation :		15550.0	MW	Hour :	21:00	Reserve(Generation end)				308	
Total Gen. (MKWH) :		336.032				System Load Factor	90.04%			0	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		7:10 MW at 21:00		Energy	
Export from East grid to West grid :- Maximum					
Import from West grid to East grid :- Maximum					
Actual :	Water Level of Kaptai Lake at 6:00 A M on 27-Apr-24	74.86	Fl.(MSL) :	Rule curve :	82.80 Fl.(MSL)

Gas Consumed :	Total =	1322.59	MMCFD.	Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas :	Tk503,377,844	Coal :	Tk589,967,313	Oil :	Tk848,320,222
							Total : Tk1,941,665,379

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding	MW	
Dhaka	0	0.00	5342		0		-7%
Chittagong Area	0	0.00	1473		0		-5%
Khulna Area	0	0.00	2064		0		-5%
Rajshahi Area	0	0.00	1796		0		-4%
Cumilla Area	45	0.00	1477		0		-5%
Mymensingh Area	145	0.00	1099		0		-4%
Sylhet Area	0	0.00	615		0		-5%
Barisal Area	0	0.00	513		0		0%
Rangpur Area	116	0.00	1004		0		-4%
Total	306		15384		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) Raazzan unit-2 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
Time	Time		
09:22	08:13 09:14 10:36 10:05 10:32 12:21	Siddhirganj 132/33kV S/S T-1 HT is restored. Madaripur 132/33kV S/S T3-426T HT is restored. Siddhirganj 132/33kV S/S T-2 HT Scheduled S/D Due to Corrective maintenance due to abnormal thermal issue in different point Pabna 132/33kV S/S T-3 HT is restored. Fenchuganj 230/132/33kV S/S TR-02 HT is restored. Agargaon 230/132kV S/S 132kV Transformer-2 (415T2) HT is restored.	20 MW load interrup.
15:08	17:23	Gopalganj 132/33kV S/S T1 LT Forced S/D Due to Gopalganj PBS-4 Red hot maintenance work.	
15:40	16:13 16:20 16:20	Meghnaghat C/PP(Summit)-2 Tripped Bashundhara-Rampura 132 kV Ckt-1 is restored. Candpur- Kachua 132kV Ckt-2 is restored. Candpur- Kachua 132kV Ckt-1 is restored.	
17:36	18:52 18:54	Meghnaghat C/PP(Summit)-2 Synchronized Gopalganj(N)-Payra 400kV Ckt-1 is restored. Gopalganj 400/132kV S/S 400kV Payra Ckt-1 is restored.	
00:23	03:19	Khulna (C) S/S TR-1 425T HT Tripped showing differential relay, 86T relays Due to underground couple fault red phase	30 MW load interrup.
06:07	06:07	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-1 Forced S/D from Bog-Sherpur 132/33kV end.	
06:07	06:08	Daudkandi-Sonargaon 132 kV Ckt-2 S/D from Sonargaon 132/33kV end Due to Shutdown taken by Daudkandi Grid S/S. Daudkandi-Sonargaon 132 kV Ckt-1 S/D from Sonargaon 132/33kV end Due to Shutdown taken by Daudkandi S/S	
06:10	07:15	Mymensingh 132/33kV S/S Transformer-3 S/D Due to High temperature maintenance of T3-HV bush(Y ph)/LV bus(B ph), 33kV bus DS(R/YB ph) Gopalganj 400/132kV S/S 400kV Payra Ckt-1 Scheduled S/D Due to Maintenance at Payra-end	110 MW load interrup.
07:20	07:35	Daudkandi 132/33kV S/S Main Forced S/D Due to Remove Nest Gopalganj(N)-Madaripur 132kV Ckt-1 Scheduled S/D from Madaripur 132/33kV end Due to TCS Relay Installation	
07:35	21:12	Cumilla(S) 132/33kV S/S TR-3 LT Scheduled S/D Due to 33kV Kalajuri PDB feeder DS- Bus loop Change at Tr-03 Bus . Kishoreganj 132/33kV S/S Tr-2 (414T) HT Tripped showing lockout relay relays Due to CT of 33kV was damage	20 MW load interrup. 70.0MW load interrup.
06:02		Thakurgaon 132/33kV S/S T-3(432T) LT Scheduled S/D Due to 33 kV Bus coupler rearrange	14.0MW load interrup.
06:03		Thakurgaon 132/33kV S/S T-3(432T) HT Scheduled S/D Due to 33 kV Bus coupler rearrange	14.0MW load interrup.
07:00		Minimum generation 12387 MW	
07:02		Faridpur 132/33kV S/S Transformer-3 LT Scheduled S/D Due to 33kV Underground Cable Replace	
07:11		Faridpur 132/33kV S/S Transformer-3 HT Scheduled S/D Due to 33kV Underground Cable Replace	
07:17		Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to 33kV Busbar Maintenance	20.0MW load interrup.
07:18		Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to 33kV Busbar Maintenance	20.0MW load interrup.
07:40		Bogura 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Maintenance Work	20.0MW load interrup.
07:40		Bogura 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Maintenance Work	20.0MW load

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle