

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

Reporting Date : 4-May-24

Till now the maximum generation is :-		16477.0		21:00 Hrs on 30-Apr-24	
The Summary of Yesterday's		3-May-24 Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	13172.0 MW	Hour :	12:00	Min. Gen. at	7:00
Evening Peak Generation :	14929.0 MW	Hour :	21:00	Available Max Generation :	12323
E.P. Demand (at gen end) :	15075.0 MW	Hour :	21:00	Max Demand (Evening) :	16951
Maximum Generation :	14994.0 MW	Hour :	22:00	Reserve(Generation end) :	15500
Total Gen. (MKNW) :	318.034	System Load Factor	88.38%	Load Shed :	1451

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid - Maximum	185 MW	at	6:00	Energy	
Import from West grid to East grid - Maximum	-	at	-	Energy	
Actual :	0.00	Rule curve :	81.43	Ft (MSL)	

Gas Consumed :	Total = 1253.33 MMCFD.	Oil Consumed (PDB) :	-	HSD :	-
				FO :	-

Cost of the Consumed Fuel (PDB+PVI) :	Gas :	Tk479,080,437	Oil :	Tk883,969,347	Total :	Tk1,728,848,997
	Coal :	Tk565,799,214				

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	Time	MW	Time	MW	Time	
Dhaka	0	0:00	5342		0		0%
Chittagong Area	0	0:00	1473		0		0%
Khulna Area	0	0:00	2064		0		0%
Rajshahi Area	0	0:00	1796		0		0%
Cumilla Area	0	0:00	1477		0		0%
Mymensingh Area	139	0:00	1099		0		0%
Sylhet Area	0	0:00	615		0		0%
Barisal Area	0	0:00	513		0		0%
Rangpur Area	0	0:00	1004		0		0%
Total	139		15384		0		0%

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-2
	2) Ghoreasi-3,4,7
	3) Shajibazar 330 MW
	4) Baghabari-100 MW
	5) Raocan unit-2
	6) Siddhirganj 210 MW .

Outage

Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:23	15:09	Naogaon-Niyamatpur 132kV Ckt-1 Forced S/D from Naogaon 132/33kV end Due to Emergency maintenance work.	
	08:44	Coxsazar 132/33kV S/S Main Bus is restored.	
	08:45	Manikganj-Matauli 132kV Ckt-1 is restored.	
	09:42	Rajshahi 132/33kV S/S Transformer T-3 (425T) LT is restored.	
	09:42	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT is restored.	
	09:54	Haripur 230/132kV S/S 132kV Reserve Bus Sec-2 Scheduled S/D Due to Project work.	
	09:54	Haripur 230/132kV S/S 132kV Reserve Bus Sec-1 Scheduled S/D Due to Project work.	
	09:55	Haripur 230/132kV S/S 132kV Bus Coupler Scheduled S/D Due to Project work.	
	10:03	Haripur 230/132kV S/S Ullon (Manikganj-2) Scheduled S/D Due to Another side by NLDC.	
	10:42	Rampur 230/132/33 S/S Halishahar-1 Project Work S/D Due to plw	
	10:43	Rampur 230/132/33 S/S 132kV BUS-02 Project Work S/D Due to plw	
	11:07	HVDC Bheramera- Rajshahi 230kV Ckt-2 Forced S/D from BIPTC end Due to Only line breaker shutdown for sf6 alarm	
	11:40	Sikalbaha-TKCL 132kV Ckt-1 Forced S/D from Shikalbaha 230/132kV end.	
	12:00	Day Peak Generation = 13,173 MW	
	12:59	Baranah-Hathazari 132 kV Ckt-1 is restored.	
	13:07	BIPTC S/S 10CF23 Tripped showing - relays.	
	13:43	13:59	9.0MW load interrup.
		Joypurhat 132/33kV S/S Transformer T-2 (417 T) LT Tripped showing Maicom P127te>>>Phase A2.94kA 2.94kA relays Due to 33 kV Feeder CB to CT Jumper out and touch E76 Ground	
	13:43	13:58	9.0MW load interrup.
		Joypurhat 132/33kV S/S Transformer T-1 (407 T) LT Tripped showing Maicom P127te>>>Phase A2.94kA 2.94kA relays Due to 33 kV Feeder CB to CT Jumper out and touch Ground	
	14:13	Haripur-Meghnaghat 230kV Ckt-2 is restored.	
	14:27	19:03	
		Haripur-Meghnaghat 230kV Ckt-1 Scheduled S/D from Haripur 230/132kV end Due to High temperature junction point maintenance.	
	14:32	Ashuganj CAPP 225MW GT was sync. at 14:32 hrs.	
	14:32	Ashuganj CAPP 225 MW Synchronized with remarks- GT	
	14:42	15:20	40.0MW load interrup.
		Narsingdi 132/33kV S/S T-1 HT Scheduled S/D Due to T-1, 33kV Incoming City (R-Phase) Loop Terminal Point Oil Leakage Maintenance Work .	
	14:42	15:20	40.0MW load interrup.
		Narsingdi 132/33kV S/S T-1 LT Scheduled S/D Due to T-1, 33kV Incoming City (R-Phase) Loop Terminal Point Oil Leakage Maintenance Work .	
	14:54	15:47	
		BIPTC S/S 10CF23 Scheduled S/D Due to Tripped by ACFMIP response phase C and element failure. A dead bird is spotted.	
	17:45	17:37	
		Baranah-Hathazari 132 kV Ckt-2 is restored.	
	21:00	Ashuganj CAPP 225MW ST was sync. at 17:45 hrs.	
		Evening Peak Generation : 14929 MW	
	21:02	Haripur-Sonargaon 132kV Ckt-1 is restored.	
	21:03	Haripur-Sonargaon 132kV Ckt-2 is restored.	
	22:48	Baghabari 71 MW GTTP Tripped	
	23:12	Meghnaghat Summit CAPP 305MW GT2 tripped due to GBC trip.	
	23:20	Adani Power Jharkhand Ltd. unit-1 was shutdown	
	00:32	01:12	120.0MW load interrup.
		Hathazari 230/132/33kV S/S Rajgan-02 Tripped showing b ph. distance relays.	
	00:33	00:46	120.0MW load interrup.
		Coxsazar-Dohazari 132 kV Ckt-1 Tripped from Cossabzar 132/33kV end showing Siemens relays. and from Dohazari 132/33kV end showing Distance relays Due to storm weather	
	00:35	00:43	
		Coxsazar-Dohazari 132 kV Ckt-2 Tripped from Dohazari 132/33kV end showing Distance relays Due to Storm weather.	
	00:39	00:49	
		Ashuganj-Brahmanbaria 132kV Ckt-2 Tripped from Brahmanbaria 132/33kV end showing Distance, Zone-1, 7.429 km, l=2.42 kA, l=2.45 kA relays.	
	00:48	01:24	
		Bakulia-Sikalbaha 132 kV Ckt-2 Tripped from Shikalbaha 230/132kV end showing FN1 relays. and from Bakulia 132/33kV end showing Distance Relay relays Due to thunderstorm.	
	01:03	Ashuganj South 360MW ST tripped due to CW pump trip.	
	01:22	Ashuganj 420 MW CAPP(East) ST tripped due to CW pump trip.	
	03:12	Ashuganj 420 MW CAPP(East) ST was sync.	
	03:32	Ashuganj North 360MW ST was forced shutdown due to water intake level low.	
	04:33	Meghnaghat CAPP(Summit) Synchronized with remarks:- GT2	
	04:48	05:05	
		Coxsazar-Dohazari 132 kV Ckt-2 Tripped from Cossabzar 132/33kV end showing Siemens relays. and from Dohazari 132/33kV end showing Zone 1 relays Due to Storm weather	
	06:16	Bogura(New)-Naogaon 132 kV Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to Project work (Bogura 230kV S/S Side)	30.0MW load interrup.
		and from Bogura 230/132kV end	Naogaon 132/33kV end
	06:16	Bogura(New)-Naogaon 132 kV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to Project work (Bogura 230kV S/S Side)	30.0MW load interrup.
		and from Bogura 230/132kV end	Naogaon 132/33kV end
	06:31	Barisal 230/132kV S/S T-5 HT Scheduled S/D Due to Bypass Insulator & Operating Finger Maintenance of Nobogram 33 Feeder	22.0MW load interrup.
	06:31	Barisal 230/132kV S/S T-5 LT Scheduled S/D Due to Bypass Insulator & Operating Finger Maintenance of Nobogram 33 Feeder	22.0MW load interrup.
	07:00	Minimum generation 12323 MW	
	07:23	Bogura 230/132kV S/S 132kV Main 1 Scheduled S/D Due to project work	
	07:42	Sylhet (South) S/S Trafo-2 LT Scheduled S/D Due to 33 kV bus section 2 maintenance work for PDB	
	07:42	Sylhet (South) S/S Trafo-2 HT Scheduled S/D Due to 33 kV bus section 2 maintenance work for PDB	
	07:54	Bogura 230/132kV S/S 230kV Main 1 Scheduled S/D Due to project work	
	21:12	01:12	
		Kishoreganj 132/33kV S/S T-2 (414T) HT Tripped showing lockout relay relays Due to CT of 33kV was damage	
	06:02	Thakurgaon 132/33kV S/S T-3(432T) LT Scheduled S/D Due to 33 kV Bus coupler rearrange	
	06:03	Thakurgaon 132/33kV S/S T-3(432T) HT Scheduled S/D Due to 33 kV Bus coupler rearrange	
	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	
	07:18	Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to 33kV Busbar Maintenance	
	07:40	Bogura 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Maintenance Work	
	07:40	Bogura 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Maintenance Work	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle