

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

Reporting Date : 25-Mar-24

Till now the maximum generation is :-

		15645.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		24-Mar-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		10526.0 MW	Hour :	12:00	Min. Gen. at	6:00	8513
Evening Peak Generation :		11263.0 MW	Hour :	19:30	Available Max Generation :		13325
E.P. Demand (at gen end) :		11263.0 MW	Hour :	19:30	Max Demand (Evening) :		12500
Maximum Generation :		11328.0 MW	Hour :	16:00	Reserve(Generation end)		825
Total Gen. (MKWH) :		245.642	System Load Factor	90.35%	Load Shed		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		700 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 25-Mar-24	80.61	Fl.(MSL) :	89.16	Rule curve :	Fl.(MSL)	

Gas Consumed :	Total =	911.93 MMCFD.	Oil Consumed (PDB) :		HSD :		FO :
Cost of the Consumed Fuel (PDB+Pv) :	Gas :	Tk366,021,016	Coal :	Tk538,584,105	Oil :	Tk322,809,105	Total : Tk1,227,414,226

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end) MW	Today		Rates of Shedding (On Estimated Demand)
	Time	MW		Estimated Shedding (S/S end) MW		
Dhaka	0	0.00	4567	0	0%	
Chittagong Area	0	0.00	1255	0	0%	
Khulna Area	0	0.00	1758	0	0%	
Rajshahi Area	0	0.00	1528	0	0%	
Cumilla Area	0	0.00	1257	0	0%	
Mymensingh Area	0	0.00	935	0	0%	
Sylhet Area	0	0.00	524	0	0%	
Barisal Area	0	0.00	437	0	0%	
Rangpur Area	0	0.00	854	0	0%	
Total	0	0.00	13114	0	0%	

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut-Down
	1) Barapukuria ST. Unit- 1,2 2) Ghorasal-3,5,7 3) Shajibazar 330 MW 4) Baghabari-100 MW 5) Raosan unit-2 6) Siddhirganj 210 MW 7) Ashuganj North

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:02	08:45	Halishahar 132/33kV S/S Halishahar-Khulshi-Ckt-3 Tripped showing Distance Relay relays.	
08:10	09:09	Baroihat 132/33kV S/S Bus-A Tripped showing Trip relay K31, K32 relays.	20.0MW load interrup.
08:10	09:12	Baroihat 132/33kV S/S TR-1, 406T HT Tripped showing Trip relay K31, K32 relays.	20.0MW load interrup.
08:10	09:13	Baroihat 132/33kV S/S TR-2, 416T HT Tripped showing Trip relay K31, K32 relays.	20.0MW load interrup.
08:10	09:09	Baroihat-Hathazari 132 kV Ckt-1 Tripped from Baroihat 132/33kV end showing Trip relay K34, K35, K36 & K34X relays.	20.0MW load interrup. Baroihat 132/33kV end
08:10	09:11	Baroihat-Hathazari 132 kV Ckt-2 Tripped from Baroihat 132/33kV end showing Trip relay K34, K35, K36 & K34X relays.	20.0MW load interrup. Baroihat 132/33kV end
08:10	09:15	Baroihat-Feni 132 kV Ckt-2 Tripped from Baroihat 132/33kV end showing Trip relay K34, K35, K36 & K34X relays.	20.0MW load interrup. Baroihat 132/33kV end
08:10	09:16	Baroihat-PHP 132 kV Ckt-1 Tripped from Baroihat 132/33kV end showing Trip relay K34, K35, K36 & K34X relays.	20.0MW load interrup. Baroihat 132/33kV end
08:47	16:49	Chapai 132/33kV S/S Chapai Rahanpur ckt 2 Scheduled S/D Due to SCADA connection	
08:50	16:30	Rahanpur 400/132kV S/S Rahanpur-Chapainawaganj 132 KV Line Ckt-02 Scheduled S/D Due to Sas witnessing work for project work	
08:53	13:15	Brahmanbaria-Narsinghdi 132 kV Ckt-1 Forced S/D from Brahmanbaria 132/33kV end.	
09:02	09:02	Hasnabad-Shyampur 230kV Ckt-1 is restored.	
09:20	00:09	Siddhirganj 230/132kV S/S MTR 2 HT Scheduled S/D Due to Relay change	
09:22	00:10	Siddhirganj 132/33kV S/S 132kV MTR 2 Scheduled S/D Due to Corrective maintenance of 230kV end.	
09:30	15:46	Chandpur 132/33kV S/S 422T HT Scheduled S/D Due to Shutdown taken by AE Chandpur grid	
09:30	15:46	Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to Shutdown taken by AE Chandpur grid	
12:00		Day Peak Generation = 10.528MW	
13:25	15:25	Amnura 132/33kV S/S T-2 (416T) LT Forced S/D Due to gomastrapur 33 kV feeder bus DS insulator replace	7.0MW load interrup.
13:25	15:25	Amnura 132/33kV S/S T-2 (416T) HT Forced S/D Due to gomastrapur 33 kV feeder bus DS insulator replace	7.0MW load interrup.
13:29	15:25	Amnura 132/33kV S/S Bus-33kV Forced S/D Due to gomastrapur 33 kV feeder bus DS insulator replace	7.0MW load interrup.
17:22	17:41	Harpur 230/132kV S/S Ullon (Maniknagar-2) Tripped showing Distance Zone 1, Y Phase N relays Due to Thundering	
17:45		SS Power Synchronized with remarks:- Unit-2	
19:30		Evening Peak Generation : 11263 MW	
	20:08	Savar 132/33kV S/S Main Bus is restored.	
23:02	00:15	Kabirpur 132/33kV S/S XFR, T-2 HT Forced S/D Due to Shutdown taken by DPBS-1 due to hot maintenance.	60.0MW load interrup.
06:00		Minimum generation 8513 MW	
07:20		Khulna(S) 230/132kV S/S TR-3 HT Tripped showing Self Protection relays Due to None	
07:20		Khulna(S) 230/132kV S/S TR-3 LT Tripped showing Self Protection, relays.	
		Aminbazar-Meghnaghat 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end.	
		Rajshahi 132/33kV S/S Transformer T-1(405T) LT Scheduled S/D Due to General cleaning	
		Rajshahi 132/33kV S/S Transformer T-1(405T) HT Scheduled S/D	
		Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to 33 kv Bus Coupler DS open from PDB (33 kv side)	18.0MW load interrup.
		Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to 33 kv Bus coupler T5 maintenance. work	13.0MW load interrup.
		Bogura(New)-Naogaon 132 kV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
		Bogura(New)-Naogaon 132 kV Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
		Bhandaria 132/33kV S/S Transformer-2 LT Project Work S/D	12.0MW

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle