

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

Reporting Date : 15-Apr-23

Till now the maximum generation is :-

15304.0

21:00

Hrs on

13-Apr-23

The Summary of Yesterday's		14-Apr-23		Generation & Demand		21:00		Hrs on		13-Apr-23		Reporting Date : 15-Apr-23	
						Today's Actual Min Gen. & Probable Gen. & Demand							
Day Peak Generation :		12440.0	MW	Hour :	12:00	Min. Gen. at	6:00					11475	
Evening Peak Generation :		14830.0	MW	Hour :	21:00	Available Max Generation						15046	
E.P. Demand (at gen end) :		15031.0	MW	Hour :	21:00	Max Demand (Evening) :						15000	
Maximum Generation :		14830.0	MW	Hour :	21:00	Reserve(Generation end)						46	
Total Gen. (MKWH) :		303.1		System Load Factor :	85.15%	Load Shed						0	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR													
Export from East grid to West grid :- Maximum						116	MW	at	21:00		Energy		
Import from West grid to East grid :- Maximum											Energy		
Actual :	76.06	FL(MSL) :		15-Apr-23				Rule curve :	85.20	Ft.(MSL)			

Gas Consumed :	Total =	1028.80	MMCFD.	Oil Consumed (PDB) :									
Cost of the Consumed Fuel (PDB+Pv) :				Gas :	Tk156,575,707								
				Coal :	Tk303,028,337								
				Oil :	Tk1,139,891,436								Total : Tk1,599,495,480

Load Shedding & Other Information

Area	Yesterday			Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW			MW		Estimated Shedding (S/S end) MW		
Dhaka	0	0:00		4869		0	0%	
Chittagong Area	0	0:00		1351		0	0%	
Khulna Area	0	0:00		1777		0	0%	
Rajshahi Area	0	0:00		1569		0	0%	
Cumilla Area	30	0:00		1339		0	0%	
Mymensingh Area	100	0:00		1101		0	0%	
Sylhet Area	15	0:00		497		0	0%	
Barisal Area	0	0:00		401		0	0%	
Rangpur Area	40	0:00		870		0	0%	
Total	185			13774		0	0%	

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2
	2) Ghorasal-3,7
	3) Bhula Nuton Biddut
	4) Baghabari-100 MW & 71 MW
	5) Raazan unit-1,2
	6) Siddhirganj 210 MW
	7) Shajibazar 330 MW
	8) Sirajganj-2 & 3
	9) Barishal 307 MW

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
09:35	11:40	Rangpur 132/33kV S/S 33kV Bus Scheduled S/D	
09:37		Ashugonj North 360MW ST was sync.	
09:40	11:50	Rangpur 132/33kV S/S T-1(4141) LT Scheduled S/D	
10:08	12:50	Ghorasal-Seven Circle 132 KV ckt tripped & restore.	
10:13		Khulna 330 MW CAPP (OIL) GT was sync.	
12:11		Ashugonj North 360MW tripped	
14:25	15:12	Hathazari-Raazan 230kV Ckt-1 Tripped from Hathazari end showing distance relay phase B, phase c relays.	25 MW power interrup.
14:25		Hathazari 230/132/33kV S/S Raajan-02 Tripped showing distance relay phase B, phase C relays.	
17:00		Khulna 330MW tripped at 17:00 due to compressor valve problem.	
17:48		Khulna 330MW was sync. at 17:48 hr.	
00:21		Kushiera 163MW was shutdown due to gas shortage.	112 MW Generation interrup.
01:54	02:38	Hathazari Peaking tripped.	48 MW Generation interrup.
02:31	03:34	Halishahar-Julda 132kV Ckt-1 Tripped from Halishahar end showing Directional Relay Distance relays Due to O/C Fault at B phase	
02:36		Juldah-Shahmirpur 132kV Ckt-2 Forced S/D from Shahmirpur end Due to 213M/215G Line DS flashing at I clamp.	
04:11		Siddhirganj CAPP 335MW was forced shutdown due to GBC problem.	220 MW Generation interrup.
05:20		BIPTC S/S 21101 HT Scheduled S/D Due to Block-01 VCS Strainer cleaning with resin change .	
05:20		BIPTC S/S 21101 LT Scheduled S/D Due to Block-01 VCS Strainer cleaning with resin change .511 mw power imported from India	
05:50		Sikalbaha Gas 225MW ST was forced shutdown due to high DP.	60 MW Generation interrup.
05:55		Siddhirganj GT-Unit-2 was sync.	
06:09	06:25	Haripur-Narsingdi 132kV Ckt-1 Tripped from Haripur end showing Distance Zone 1, AN relays Due to None and from Narshingdi end showing Relay not operated, relays Due to CB Not Trip but Voltage Zero.	100 MW power interrup.
06:10	07:50	Jashore 132/33kV S/S T-2 HT Forced S/D Due to T2A, 33 kv side Hot spot maintenance .	
06:27		Sirajganj 132/33kV S/S T4(445) LT Scheduled S/D Due to CB & CT connector change & replacing copper flexible conductor.	12 MW power interrup.
06:28		Shajibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to 132 KV side ring bus R phase red hot maintenance.	
07:10		Khulna (C) S/S T-3 405T HT Scheduled S/D Due to SF6 gas leakage maintenance .	
07:25		Barishal 230/132kV S/S T-5 LT Scheduled S/D Due to Red Hot Maintenance at 33 kv BUS DS	22 MW power interrup.
07:32		Rajshahi 132/33kV S/S Transformer T-3 (425T) LT Scheduled S/D .	49 MW power interrup.
07:32		Rajshahi 132/33kV S/S Transformer T-2(415T) LT Scheduled S/D.	
07:32		Rajshahi 132/33kV S/S Transformer T-1(405T) LT Scheduled S/D.	20 MW power interrup.
07:33		Rajshahi Old 132/33 KV TR-1, TR-2, TR-3 S/D due to Maintenance and Cleaning .	116 MW power interrup.
07:46		Kalyanpur 132/33kV S/S GT-2 (132kV) HT Scheduled S/D Due to CT maintenance	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle