

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

Reporting Date : 18-May-23

Till now the maximum generation is :-

The Summary of Yesterday's		17-May-23	15648.0 MW	21:00 Hrs on		19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		9376.0 MW	Hour :	12:00	Min. Gen. at	6:00		4959
Evening Peak Generation :		11950.0 MW	Hour :	19:30	Available Max Generation :			13254
E.P. Demand (at gen end) :		11950.0 MW	Hour :	19:30	Max Demand (Evening) :			12500
Maximum Generation :		11950.0 MW	Hour :	19:30	Reserve(Generation end) :			754
Total Gen. (MCKWH) :		237.5	System Load Factor	62.81%	Load Shed :			0

Export from East grid to West grid :- Maximum			432 MW	at	23:00	Energy	
Import from West grid to East grid :- Maximum						Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A M on	73.74	Ft.(MSL)	18-May-23	Rule curve :	78.96	Ft.(MSL)
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Gas Consumed :	Total =	860.58 MMCFD.	Oil Consumed (PDB) :		HSD :		FO :
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Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk132,976,150	Coal :	Tk215,656,425	Oil :	Tk596,811,067	Total :	Tk945,443,642
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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	4211		0	0	0%
Chittagong Area	0	0:00	1155		0	0	0%
Khulna Area	0	0:00	1617		0	0	0%
Rajshahi Area	0	0:00	1405		0	0	0%
Cumilla Area	0	0:00	1156		0	0	0%
Mymensingh Area	0	0:00	860		0	0	0%
Sylhet Area	0	0:00	482		0	0	0%
Barisal Area	0	0:00	402		0	0	0%
Rangpur Area	0	0:00	785		0	0	0%
Total	0		12073		0		0%

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 2 2) Ghorasa-3,7 3) Bhula Nutor Bidrut 4) Baghebari-7, 100 MW 5) Raotan unit-2 6) Siddhirganj 210 MW . 7) Shajibazar 330 MW 8) Sirajganj- 2

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:20	08:20	Natore 132/33kV S/S TR-1 (405 T) HT is restored.	
08:21	08:21	Natore 132/33kV S/S TR-1 (405 T) LT is restored.	
09:02	09:02	Sirajganj 132/33kV S/S T4-(445) HT is restored.	
09:03	09:03	Sirajganj 132/33kV S/S T4-(445) LT is restored.	
09:43	10:48	Brahmanbaria-Shahjibazar 132 kV Ckt-2 Tripped from Brahmanbaria 132/33kV end showing Zone-1 A/R blocked relays Due to Fault and from Shahjibazar 132/33kV end showing Distance Relay, Zone-01 Fault, 20.5 Km, Phase-C, R-0.34ohm relays.	
09:51	10:50	Brahmanbaria-Shahjibazar 132 kV Ckt-2 Scheduled S/D from Shahjibazar 132/33kV end Due to Due to remove fault.	
09:55	09:59	Ashuganj-Shahjibazar 132kV Ckt-1 Tripped from Shahjibazar 132/33kV end showing Distance Relay, A phase,5.9Km, Zone-01 Fault,Auto Reclose blocking relays.	
10:01	10:13	Ashuganj-Shahjibazar 132kV Ckt-1 Scheduled S/D from Shahjibazar 132/33kV end Due to Due to fault remove.	
10:31	12:49	Aminabazar 400/230/132kV S/S Gopalganj-1 Tripped showing 21-MI relays.	
12:16	12:49	Bogura-Bogura (New) 132 kV Ckt-1 Tripped from Bogura 132/33kV end showing Differential Protection Relay relays Due to Trip and from Bogura 230/132kV end showing Busbar Protection Trip, (REB 500 Relay) relays.	
12:29	17:27	Tangail 132/33kV S/S RPCL-1 Forced S/D Due to Due to maintenance work at RPCL End.	
12:40		Khulna 330 MW P/S Shut-down.	
13:29	14:43	Bogura-Bogura (New) 132 kV Ckt-1 is restored.	
13:29		Barishal-Bhola 230 kV Ckt-2 Tripped from Barishal 230/132kV end showing REL 670 relays Due to EFSTFW .	
13:33	14:16	Barishal North-Bhola 230kV ckt-2 tripped showing distance relay, zone-1, phase-Y from Barishal North end.	
14:22	15:38	Joydebpur-Kodda B 132 kV Ckt-2 Scheduled S/D from Joydebpur 132/33kV end Due to Installation of digital multi-function meter.	
14:24	14:24	Jaldhaka 132/33kV S/S 416T LT Forced S/D Due to Due to fusing in 33kV BUS section-1, maintenance work done by NESCO & P&S.	32 MW load interrup.
14:28	15:32	Jaldhaka 132/33kV S/S 416T HT Forced S/D Due to Due to fusing in 33kV BUS section-1, maintenance work done by NESCO & P&S.	
14:35	15:06	Joydebpur 132/33kV S/S GT-4 HT Scheduled S/D Due to Installation of digital multifunction meter.	
14:42	16:18	Jamalpur 132/33kV S/S T-1 HT Scheduled S/D Due to 33kV Sharishabari PDB Bus loop change.	15 MW load interrup.
14:42	16:23	Jamalpur 132/33kV S/S T-2 HT Scheduled S/D Due to 33kV Sharishabari PDB Bus loop change.	
14:42	16:18	Jamalpur 132/33kV S/S T-1 LT Scheduled S/D Due to 33kV Sharishabari PDB Bus loop change.	
14:42	16:23	Jamalpur 132/33kV S/S T-2 LT Scheduled S/D Due to 33kV Sharishabari PDB Bus loop change.	
15:39	17:29	Aminabazar-Mirpur 132kV Ckt-2 Forced S/D from Mirpur 132/33kV end Due to Bill board banner remove works.	
16:02	15:53	Meghnaghat Summit CAPP GT2 was sync.	
17:34	17:34	Gollamari 132/33kV S/S Tr-1 LT Forced S/D Due to 33 kV bus DS red hot maintenance.	5 MW load interrup.
16:03	17:33	Gollamari 132/33kV S/S Tr-1 HT Forced S/D Due to 33 kV bus DS red hot maintenance.	
16:03	17:36	Gollamari 132/33kV S/S Tr-2 LT Forced S/D Due to 33 kV bus DS red hot maintenance.	17 MW load interrup.
16:04	17:35	Gollamari 132/33kV S/S Tr-2 HT Forced S/D Due to 33 kV bus DS red hot maintenance.	
16:48	20:20	Ulion-Charmondi 132kV Ckt-2 was S/D for relay work.	
	18:43	Ishurdi 230/132kV S/S 230/132 kV T-03 HT is restored.	
	19:10	Meghnaghat Summit CAPP 305MW ST was sync.	
	19:22	Ishurdi 230/132kV S/S 230/132 kV T-03 LT is restored.	
22:15	22:53	Kalyanpur-Lalbagh 132kV Ckt-2 tripped from Lalbagh(DPDC) end showing Lockout relay.	
		Meghnaghat Summit CAPP GT1 was sync.	
01:01		Bogra west-Rohonpur 400 KV -1 trip.	
01:03		Siddhirganj GT-1 was shutdown due to gas shortage.	
01:03		Adani Power Jharkhand Ltd. unit-1 tripped at 1:03 hrs. due to the tripping of Bogura-Adani 400kV ckt-1 showing Distance relay (1km from Adani end)	400 MW generation interrup.
03:18		Adani-Bogra 400kV Ckt-1 was switched on	
03:32	03:18	Bogra west-Rohonpur 400 KV -1 syn.	
03:45	03:45	Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT Tripped showing Alstom relays.	
03:52	04:06	Ishwardi-Natore 132kV Ckt-1 Tripped from Ishurdi 132/33kV end showing L232 relays. and from Natore 132/33kV end showing General trip Z1 Trip Block AR relays.	
04:15	06:46	Bogura 230/132kV S/S Confidence UN-2 Tripped showing Over Voltage relays Due to Over Voltage.	
04:34	04:46	Jamalpur 132/33kV S/S T-2 HT Tripped showing over current protection P132 REF relays Due to 33kV Nandina feeder faulty.	2 MW load interrup.
04:34	04:46	Jamalpur 132/33kV S/S T-2 LT Tripped showing over current protection P132 REF relays Due to 33kV Nandina feeder faulty.	
04:34	04:46	Jamalpur 132/33kV S/S T-1 HT Tripped showing over current protection P132 REF relays Due to 33kV Nandina feeder faulty.	
04:34	04:46	Jamalpur 132/33kV S/S T-1 LT Tripped showing over current protection P132 REF relays Due to 33kV Nandina feeder faulty.	
04:53	05:25	Barapukuria-Bogura 230 kV Ckt-2 Tripped from Bogura 230/132kV end showing REL 316*4(Auto Reclose Blocked, Permit Close), REL 521(Earth Fault) relays Due to Rain.	
04:53	05:24	Barapukuria-Bogura 230 kV Ckt-1 Tripped from Bogura 230/132kV end showing REL 316*4(Auto Reclose Blocked, Permit Close), REL 521(Earth Fault) relays Due to Rain.	
05:30		Ghorasa-4 was shutdown due to bad weather.	
05:30		Sikalbaha 225MW was shutdown due to low demand.	
06:22		Sirajganj unit-3 was shutdown due to low demand.	
06:30	07:37	Mahalsahanganj 132/33kV S/S 416T MTR 2 LT Tripped showing Over current relays Due to Fasitola feeder fault.	5 MW load interrup.
06:30	07:37	Mahalsahanganj 132/33kV S/S 416T MTR 1 LT Tripped showing Over current relays Due to Fasitola feeder fault.	
06:38	06:45	Kabirpur - Manikganj 132kV Ckt-1 Tripped from Kabirpur 132/33kV end showing Distance protection relay, Zone-1, Y-phase. relays. and from Manikganj 132/33kV end showing relays.	10 MW load interrup Manikganj 132/33 kV end.

Sub Division Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle