

POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DESPATCH CENTER

DAILY REPORT

Reporting Date : 17-Apr-23

Till now the maximum generation is : -		15304.0	21:00	Hrs on	13-Apr-23	
The Summary of Yesterday's		16-Apr-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	13-Apr-23	
Day Peak Generation :	13053.0 MW	Hour :	12:00	Min. Gen. at :	8:00	11818
Evening Peak Generation :	14599.0 MW	Hour :	21:00	Available Max Generation :		15160
E.P. Demand (at gen end) :	16000.0 MW	Hour :	21:00	Max Demand (Evening) :		16000
Maximum Generation :	14845.0 MW	Hour :	22:00	Reserve(Generation end) :		-
Total Gen. (MKWH) :	310.4	System Load Factor :	87.13%	Load Shed :		794

Export from East grid to West grid :- Maximum	146 MW	at	19:00	Energy	
Import from West grid to East grid :- Maximum	- MW	at		Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A M on	17-Apr-23	Rule curve :	84.80	Fl.(MSL)
	75.96	Fl.(MSL)			

Gas Consumed :	Total = 1101.85 MMCFD.	Oil Consumed (PDB) :		HSD :	
				FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk160,820,249	Oil : Tk1,243,798,359		Total :	Tk1,721,154,061
	Coal : Tk316,535,452				

Load Shedding & Other Information						
Area	Yesterday		Today		Rates of Shedding	
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	MW	(On Estimated Demand)
Dhaka	10	0:00	4869		0	0%
Chattogram Area	0	0:00	1351		140	10%
Khulna Area	350	0:00	1777		150	8%
Rajshahi Area	210	0:00	1569		131	8%
Cumilla Area	240	0:00	1339		110	8%
Mymensingh Area	249	0:00	1101		140	13%
Sylhet Area	100	0:00	497		43	9%
Barisal Area	0	0:00	401		0	0%
Rangpur Area	132	0:00	870		80	9%
Total	1291		13774		794	

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-1,2
	2) Ghorasal-3
	3) Bhula Nulton 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
08:16	14:47	Ashugani-Brahmanbaria 132kV Ckt-2 Forced S/D from Brahmanbaria 132/33kV end Due to instruction by NLDC.	
08:16	11:20	Pabna- Shahjadpur 132kV Ckt-1 Forced S/D from Pabna 132/33kV end Due to Shahjadpur- Bhagabari 71 ckt 132 Kv ckt (Red hot)	
08:38	11:11	Dhamrai 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Pbs works	10.0MW load interrup.
08:38	11:11	Dhamrai 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Pbs works	
09:49	11:21	Jamalpur 132/33kV S/S T-3 LT Scheduled S/D Due to High Temperature work	
09:49	11:21	Jamalpur 132/33kV S/S T-3 HT Scheduled S/D Due to High Temperature work	
09:56	15:49	Temperature Work	
10:02	15:43	Aminbazar 400/230/132kV S/S Gopalganj-1 Scheduled S/D Due to 400/132 kV New ATR installation work	
10:17		Gopalganj 400/132kV S/S 400kV Aminbazar Ckt-1 Project Work S/D	
10:18		Siddhirganj CCPP 335MW GT tripped due to gas compressor trip.	
11:01		Khulna 330 MW PP is synced	
11:01		Barapukuria-1 was sync.	
11:06		Siddhirganj CCPP 335MW GT was sync.	
11:18	12:01	Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to 400/132 kV New ATR installation work	
11:18	11:31	Rampur 230/132/33 S/S ATR-01 (706T) HT Forced S/D	
11:42		Sreemongol 132/33kV S/S 132/33kv T-3 LT Forced S/D Due to Tr-3 33kV CT Redhot.	
11:58		Barapukuria-1 tripped.	
12:00		Day peak generation 13053 MW	
12:23	13:33	Aminbazar 400/230/132kV S/S 132 kv Bus 01 Scheduled S/D Due to 400/132 kV New ATR installation work	
14:48	14:48	Barapukuria 230/132/33kV S/S 132/33 kv T-5, 424T HT is restored.	
14:53	14:53	Barapukuria 230/132/33kV S/S 132/33 kv T-5, 424T LT is restored.	
15:52	17:47	Aminbazar 400/230/132kV S/S Bus-2 Scheduled S/D Due to 400/132 kV New ATR installation	
17:38		Ghorasal Unit-7 365 MW GT was sync.	
17:40		Barapukuria-1 was sync	
18:34		Aminbazar 400/230 kv, 325 MVA, Interim Tr. was switched on from 400 kv side.	
19:40	19:50	Narsingdi 132/33kV S/S T-1 HT Tripped showing RET670 relays Due to time delay over current with earth fault relay.	63.0MW load interrup.
21:00		Evening Peak Gen. 14599 MW	
21:12		Khulna 225MW GT was sync	
22:37	23:55	Tangail 132/33kV S/S T-4 LT Forced S/D Due to Line CT of 33kV Shakhipur feeder is redhot	
22:38	23:53	Tangail 132/33kV S/S T-4 HT Forced S/D Due to Line CT of 33kV Shakhipur feeder is redhot	
	22:51	Kushaura 163MW GT was sync.	
	23:11	Rampura 230/132kV S/S 132 kv Busbar-1 is restored.	
	23:16	Barapukuria-1 was forced shutdown	
	23:42	Sreemongol 132/33kV S/S 132/33kv T-2 LT Forced S/D Due to Tr-3 33kV CT redhot	
	23:45	Sreemongol 132/33kV S/S 132/33kv T-3 HT Forced S/D Due to Tr-3 33kV CT Redhot.	
	23:45	Sreemongol 132/33kV S/S 132/33kv T-2 HT Forced S/D Due to Tr-3 33kV CT Redhot.	
	23:54	Khulna 330 MW CCPP (OIL) GT was shutdown	
	06:10	Tongi 230/132/33kV S/S T-03 LT Scheduled S/D Due to Maintenance work for rising temperature	
	06:10	Tongi 230/132/33kV S/S T-03 HT Scheduled S/D Due to Maintenance work for rising temperature	
	07:00	Minimum Generation = 12,155MW	
	07:14	Niamatpur 132/33kV S/S 417T LT Scheduled S/D Due to Transformer T-2 erection.	
	07:14	Niamatpur 132/33kV S/S 417T HT Scheduled S/D Due to Transformer T-2 erection.	
	07:15	Barishal 132/33kV S/S T-1 (405T) LT Scheduled S/D Due to Red-hot remove at 33kv Jhatkathi feeder.	22.0MW load interrup.
	07:22	Shikataba 225MW GT was sync.	
	07:50	Ghorasal Unit-7 365 MW GT was forced shutdown	
Sub Divisional Engineer		Executive Engineer	Superintendent Engineer
Network Operation Division		Network Operation Division	Load Despatch Circle