

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

Reporting Date : 2-Jan-23

Till now the maximum generation is :- 14782.0 21:00 Hrs on 16-Apr-22

The Summary of Yesterday's		1-Jan-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation	:	8127.0	MW	Hour :	12:00	Min. Gen. at	5:00	
Evening Peak Generation	:	9239.0	MW	Hour :	19:30	Available Max Generation	10145	
E.P. Demand (at gen end)	:	9239.0	MW	Hour :	19:30	Max Demand (Evening)	9800	
Maximum Generation	:	9239.0	MW	Hour :	19:30	Reserve(Generation end)	345	
Total Gen. (MKWH)	:	187.1		System Load Factor	:	84.37%	Load Shed	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR			
Export from East grid to West grid :- Maximum		336	MW at 18:00
Import from West grid to East grid :- Maximum		-	MW at -
Water Level of Kaptai Lake at 6:00 A M on		2-Jan-23	
Actual :	86.23	Fl.(MSL) :	102.81
Rule curve :		102.81	
Fl.(MSL)			

Gas Consumed :	Total =	827.82	MMCFD.	Oil Consumed (PDB) :		HSD :	
				FO :			

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk112,834,067		Oil :	Tk470,270,924	Total :	Tk710,938,063
	Coal :	Tk127,833,072					

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	3138		0	0	0%
Chittagong Area	0	0.00	889		0	0	0%
Khulna Area	0	0.00	1173		0	0	0%
Rajshahi Area	0	0.00	1041		0	0	0%
Cumilla Area	0	0.00	886		0	0	0%
Mymensingh Area	0	0.00	732		0	0	0%
Sylhet Area	0	0.00	327		0	0	0%
Barisal Area	0	0.00	267		0	0	0%
Rangpur Area	0	0.00	578		0	0	0%
Total	0		9031		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) Ashuganj-5
	4) Baghabari-70,100 MW
	5) Raazan unit-2
	6) Siddhirganj 210 MW .
	7) Shajibazar 330 MW
	8) Sirajganj-1
	9) Bibiana-II 341 MW CAPP (Summit)

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:23	-	Ashugonj south-Ghorasal ckt-2 SD for A/M.	
8:27	20:31	Keranigonj 230/132/33kV S/S ATR-2 HT Tripped showing relay relays Due to 132kV side underground cable fault.	
8:27	-	Keranigonj 230/132/33kV S/S ATR-2 LT Tripped showing relay relays Due to 132kV underground cable Fault.	
8:37	16:46	Pabna- Shahjadpur 132kV Ckt-1 Scheduled S/D from Pabna 132/33kV end Due to A/M.	
8:38	16:02	Brahmanbaria-Shahibazar 132 kV Ckt-1 Scheduled S/D from Brahmanbaria 132/33kV end Due to Annual maintenance and from Shahibazar 132/33kV end Due to Annual maintenance.	
8:42	-	Barishal(N)-Madaripur 132 kV Ckt-1 Scheduled S/D from Barishal 230/132kV end Due to Taken by Barishal 132/33 kV Grid S/S and from Madaripur 132/33kV end Due to Annual Maintenance.	
9:11	14:39	Chowmuhani-Ramganj 132 kV Ckt-1 Scheduled S/D from Chowmuhani 132/33kV end Due to Y phase T-joint red hot maintenance.	
9:15	17:16	Tangail 132/33kV S/S RPCL-2 Scheduled S/D Due to Annual Maintenance(Dead line checking).	
9:20	17:19	Maniknagar 230/132kV S/S Auto Transformer-01(705T) LT Scheduled S/D Due to Tan-delta test and oil refill.	
9:21	17:18	Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT Scheduled S/D Due to Tan-delta test and oil refill.	
9:22	16:21	Bhaluka 132/33kV S/S Transformer- 01 LT Scheduled S/D Due to Capacitor bank-1 DS change.	
9:23	16:19	Bhaluka 132/33kV S/S Transformer- 01 HT Scheduled S/D Due to Capacitor bank -01 DS change.	
9:23	17:18	Maniknagar-Siddhirganj 230kV Ckt-1 Scheduled S/D from Siddhirganj 230/132kV end Due to Annual maintenance work for maniknagar sub station end. and from Maniknagar 230/132kV end Due to Tan-delta test and oil refill of 230 kV auto Transformer-01.	
9:47	15:31	BSRM-Mirsharai 230 kV Ckt-1 Scheduled S/D from Mirsarai 230/33kV end Due to Annual maintenance.	
9:56	13:01	Munshiganj 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual Maintenance.	
10:05	-	Bibiyana-3 400MW ST was shutdown due to diverter damper vibration.	107MW generation interrup.
10:06	18:40	HVDC Bheramera- Jhenaidah 230kV Ckt-1 Project Work S/D from Jhenaidah 230/132kV end Due to Teleprotection Testing.	
10:12	-	Shyampur 230/132kV S/S Aux TR-1 LT Scheduled S/D Due to Annual maintenance.	
10:12	-	Shyampur 230/132kV S/S Aux TR-1 HT Scheduled S/D Due to Annual maintenance.	
10:30	16:20	Jamalpur 132/33kV S/S T-4 LT Scheduled S/D Due to Annual Maintenance.	
10:30	17:38	Kodda 132/33kV S/S Tr-5 (446T) LT Scheduled S/D Due to Maintenance.	
10:30	16:20	Jamalpur 132/33kV S/S T-4 HT Scheduled S/D Due to Annual Maintenance.	
10:31	17:37	Kodda 132/33kV S/S Tr-5 (446T) HT Scheduled S/D Due to maintenance.	
10:47	-	BIPTC S/S Baharampur-3 Scheduled S/D Due to Annual Maintenance.	
10:55	13:35	Chhatak 132/33kV S/S T-1 HT Scheduled S/D Due to 132kV T-1 Bay DS Maintenance work.	
10:55	-	Chhatak 132/33kV S/S T-2 HT Scheduled S/D Due to 132kV T-2 Bay DS Maintenance.	
10:56	15:04	Ashuganj-Shahibazar 132kV Ckt-1 Scheduled S/D from Shahibazar 132/33kV end Due to Relay Testing work by SPMD.	
10:59	19:38	Aminbazar 400/230/132kV S/S 230 kv Bus 02 Scheduled S/D Due to 400/230 kV ATR-2 BUS DS work.	
11:10	-	Chhatak 132/33kV S/S Bus A Scheduled S/D Due to Annual Maintenance.	
11:17	19:38	Aminbazar 400/230/132kV S/S ATR-02 LT Scheduled S/D Due to 230 kV side DS Maintenance.	
11:17	19:27	Aminbazar 400/230/132kV S/S ATR-02 HT Scheduled S/D Due to 230 kV side DS Maintenance.	
11:24	-	Faridpur 132/33kV S/S Transformer-3 LT Scheduled S/D.	
11:25	-	Faridpur 132/33kV S/S Transformer-3 HT Scheduled S/D.	
13:55	15:07	Chhatak 132/33kV S/S T-3 HT Scheduled S/D Due to 132kV T-3 Bay Maintenance work. Load Survived by T-1 Transformer.	
-	14:00	Maniknagar 132/33kV S/S Main Bus is restored.	
14:24	16:08	Maniknagar 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) LT Forced S/D.	
14:25	16:05	Maniknagar 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) HT Forced S/D.	
15:05	15:16	Barishal-PatuaKhali(Barguna T at Bakergonj) 132 kV Ckt Tripped from Barishal 132/33kV end showing Distance Relay Zone 2, 30km, L2 relays.	74.0MW load interrup. Barishal 132/33kV end.
15:07	-	Bhola CAPP, Bhola Natun Biddut & Ghorasal GT-4 tripped.	
15:07	-	Bhola GT and Bhola Notun Bidyut PP tripped.	
15:07	15:35	Barishal(N)-Madaripur 132 kV Ckt-2 Tripped from Barishal 230/132kV end showing 67, 67N & Lock out (1295 Amp) relays Due to 67, 67N & Lock out (1295 Amp).	112.0MW load interrup. Barishal 230/132kV end.
16:56	-	At Barisal South S/S, 132kv Bus-coupler breaker open.	
17:04	17:04	Bhola notun Bidyut GT-1 synchronized.	
17:17	0:38	Keranigonj 230/132/33kV S/S ATR-1 LT Forced S/D Due to 230/132/33kV ATR-01 GIS Air Bushing(R Phase) clamp Nut-bolt "Red Hot".	
-	17:19	Ashugonj south-Ghorasal 230kV ckt-2 restored.	
-	17:38	Kodda 132/33kV S/S Tr-5 (446T) LT is restored.	
-	17:45	Saikhira 132/33kV S/S Transformer-2 (T-2) HT is restored.	
-	17:48	Saikhira 132/33kV S/S Transformer-2 (T-2) LT is restored.	
-	18:40	HVDC Bheramera- Jhenaidah 230kV Ckt-1 is restored.	
-	18:55	Bhola Natun Biddut BD LTD ST was sync.	
-	18:58	Bhola Natun Biddut BD LTD GT2 was sync.	
-	19:10	Bogura(New)-Naogaon 132 kV Ckt-1 is restored.	
-	20:25	Ghorasal Unit-7 GT was sync.	
20:45	0:38	Keranigonj 230/132/33kV S/S ATR-1 HT Forced S/D Due to 230 kV side GIS Air Bushing Red Hot(R-Phase).	
-	21:19	Bhola CAPP GT2 was sync.	
1:30	-	New Tongi-Tongi 132kV Ckt-2 Tripped from Tongi 230/132/33kV end showing IDIFF Trip B-Phase CDIFF I-TR relays Due to None.	
6:44	-	Bogura(New)-Naogaon 132 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Tower Height Extension and from Naogaon 132/33kV end Due to Project work of Bogura 230kV s/s.	
7:46	-	Chaudagram 132/33kV S/S 132 kv T-2 LT Scheduled S/D Due to Annual Maintenance.	
7:46	-	Chaudagram 132/33kV S/S 132 kv T-2 HT Scheduled S/D Due to Annual Maintenance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle