

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

Reporting Date : 21-Apr-23

Till now the maximum generation is :-

The Summary of Yesterday's	20-Apr-23	15648.0	21:00	Hrs on	19-Apr-23	21-Apr-23
		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	12898.0 MW	Hour :	12:00	Min. Gen. at	8:00	10000
Evening Peak Generation :	14457.0 MW	Hour :	21:00	Available Max Generation :		16033
E.P. Demand (at gen end) :	14558.0 MW	Hour :	21:00	Max Demand (Evening) :		13800
Maximum Generation :	14457.0 MW	Hour :	21:00	Reserve(Generation end)		2233
Total Gen. (MKWH) :	313.3	System Load Factor	90.31%	Load Shed		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		24 MW	at	18:30	Energy
Export from East grid to West grid :- Maximum		MW			Energy
Import from West grid to East grid :- Maximum		MW			Energy

Actual :	Water Level of Kaptai Lake at 6:00 A M on	21-Apr-23	Rule curve :	86.00	Ft.(MSL)
	75.59	Ft.(MSL)			

Gas Consumed :	Total =	1112.74	MMCFD.	Oil Consumed (PDB) :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk167,909,729	Coal :	Tk323,892,737	Oil :	Tk989,046,589	Total :	Tk1,480,849,056

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	4705		0	0	0%
Chittagong Area	0	0.00	1305		0	0	0%
Khulna Area	0	0.00	1716		0	0	0%
Rajshahi Area	71	0.00	1514		0	0	0%
Cumilla Area	0	0.00	1293		0	0	0%
Mymensingh Area	0	0.00	1063		0	0	0%
Sylhet Area	0	0.00	480		0	0	0%
Barisal Area	0	0.00	387		0	0	0%
Rangpur Area	25	0.00	839		0	0	0%
Total	96		13301		0		

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 Nuton Siddut 4) Baghabari-100 MW & 71 MW 5) Raosan unit-2 6) Siddhirganj 210 MW . 7) Shahjazar 330 MW 8) Sirajganj- 3 9) Barisal 307 MW

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:33	11:12	Barishal 230/132KV S/S T-5 HT Forced S/D Due to 33kv DS maintenance of Jhalokathi PBS.	26.0MW load interrup.
-	8:42	Feni 132/33KV S/S T-1(405T) HT is restored.	
-	8:55	Ashugonj North 360MW ST was sync.	
9:29	9:40	Bogura 132/33KV S/S Transformer-4 LT Forced S/D Due to T-3/T-4 Bus coupler close because of T-3 Transformer S/D.	20.0MW load interrup.
9:29	9:40	Bogura 132/33KV S/S Transformer-4 HT Forced S/D Due to T-3/T-4 Bus coupler because of T-3 Transformer S/D.	20.0MW load interrup.
9:32	11:13	Barishal 230/132KV S/S T-5 LT Forced S/D Due to 33kv DS maintenance of Jhalokathi PBS.	26.0MW load interrup.
9:41	10:51	Bogura 132/33KV S/S Transformer-3 LT Forced S/D Due to High temperature @ T-3 132 KV CT Side (B-Phase).	
9:41	10:51	Bogura 132/33KV S/S Transformer-3 HT Forced S/D Due to High temperature @ T-3 132 KV CT Side (B-Phase).	
11:21	12:31	BIPTC S/S 20DF13 Forced S/D.	
-	11:40	Aminbazar 400/132KV Interim transformer was switched on.	
16:29	-	Siddhirganj GT-2 was sync.	
20:04	-	Siddhirganj GT-1 was sync.	
21:25	21:30	Coxsazar 132/33KV S/S 405T-T1 HT Tripped showing ABB relays Due to Overcurrent.	90.0MW load interrup.
22:17	-	Kushlaria 163 MW tripped.	
-	23:05	Pabna- Shahjazar 132KV Ckt-1 Forced S/D from Pabna 132/33KV end Due to Shahjazar- Bhagabari 132 kv CKT Over loaded.	
23:05	-	Kushlaria 163MW GT was sync.	
0:19	-	Sherpur(Bogura)-Sirajgonj 132 KV Ckt-1 Forced S/D from Bog-Sherpur 132/33KV end Due to According to NLDC's instruction.	
1:26	-	Kushlaria 163MW GT tripped.	
7:14	-	Siddhirganj GT-1 was shutdown.	
7:14	-	Sylhet 132/33KV S/S T4 HT Tripped showing general prip signa. 33kv Barikandi feeder fault (blue phase breaker pole brast) relays Due to general prip signa. 33kv Barikandi feeder fault (blue phase breaker pole brast).	16.0MW load interrup.
7:14	7:58	Sylhet 132/33KV S/S T2 HT Tripped showing o/c, E/F.87 signal , 33kv Barikandi feeder fault (blue phase breaker pole brast) relays Due to o/c, E/F.87 signal , 33kv Barikandi feeder fault (blue phase breaker pole brast).	65.0MW load interrup.
7:14	-	Sylhet 132/33KV S/S T2 LT Tripped showing 51n.50.87 signal. 33kv Barikandi feeder fault (blue phase breaker pole brast) relays Due to 51n.50.87 signal. 33kv Barikandi feeder fault (blue phase breaker pole brast).	25.0MW load interrup.
7:14	-	Sylhet 132/33KV S/S T4 LT Tripped showing general trip. 33kv Barikandi feeder fault (blue phase breaker pole brast) relays Due to general trip. 33kv Barikandi feeder fault (blue phase breaker pole brast).	16.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle