

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

Reporting Date : 30-Apr-23

<b>Till now the maximum generation is :-</b>		<b>15648.0</b>		<b>21:00</b>		<b>Hrs on 19-Apr-23</b>	
<b>The Summary of Yesterday's</b>		29-Apr-23		<b>Generation &amp; Demand</b>		<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>	
Day Peak Generation :	11099.0 MW	Hour :	12:00	Min. Gen. at	6:00	8596	
Evening Peak Generation :	9235.0 MW	Hour :	21:00	Available Max Generation :		15313	
E.P. Demand (at gen end) :	9235.0 MW	Hour :	21:00	Max Demand (Evening) :		14500	
Maximum Generation :	11670.0 MW	Hour :	15:00	Reserve(Generation end)		813	
Total Gen. (MKWH) :	245.5	System Load Factor :	87.64%	Load Shed		0	

<b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>		-50 MW at 21:00		Energy	
Export from East grid to West grid - Maximum					
Import from West grid to East grid - Maximum					
Water Level of Kaptai Lake at 6:00 A.M on		30-Apr-23			
Actual :	75.15	FL(MSL) :		Rule curve :	82.20
					FL(MSL)

Gas Consumed :	Total =	1200.90 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk180,369,452	Oil :	Tk446,946,528	Total :	Tk882,658,873
	Coal :	Tk255,342,893				

<b>Load Shedding &amp; Other Information</b>						
Area	Yesterday			Today		Rates of Shedding (On Estimated Demand)
	Time	MW	Estimated Demand (S/S end) MW	Estimated Shedding (S/S end) MW		
Dhaka	0	0:00	4277	0	0%	
Chittagong Area	0	0:00	1184	0	0%	
Khulna Area	0	0:00	1556	0	0%	
Rajshahi Area	0	0:00	1373	0	0%	
Cumilla Area	0	0:00	1172	0	0%	
Mymensingh Area	0	0:00	963	0	0%	
Sylhet Area	0	0:00	435	0	0%	
Barisal Area	0	0:00	351	0	0%	
Rangpur Area	0	0:00	761	0	0%	
<b>Total</b>	<b>0</b>	<b>0:00</b>	<b>12072</b>	<b>0</b>	<b>0%</b>	

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-2
	2) Ghorasal-3,7
	3) Bhula Nuton Biddut
	4) Baghabari-100 MW
	5) Raazan unit-2
	6) Siddhirganj 210 MW
	7) Shajibazar 330 MW
	8) Sirajganj- 2
	9) Barishal 307 MW

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:14	13:15	Halazari 230/132/33kV S/S T-01 LT Scheduled S/D Due to T-01 transformer (80/120MVA) 132/33kv, 33kv side cable laying.	
08:30	13:46	Bheramara 230/132kV S/S Transformer-1 HT Scheduled S/D Due to Annual maintenance.	
09:08		Khulshi-Madunaghat 132kV Ckt-2 Project Work S/D from Madunaghat 132/33kV end Due to For GNDP project work.	
09:33	16:44	Haripur 230/132kV S/S Ullon (Maniknagar-2) Scheduled S/D	
10:11	16:18	Siddhirganj-Ullon (T at Haripur) 132kV Ckt-2 Forced S/D from Siddhirganj 132/33kV end Due to Maintenances Work in Ullon ends.	
	10:33	Naogon 132/33kV S/S T-3 HT is restored.	
10:54	15:11	Fenchuganj 230/132/33kV S/S AT-02 HT Scheduled S/D Due to Annual Maintenance.	
11:00	16:31	Siddhirganj 132/33kV S/S 120MW EGCB GT1 Forced S/D Due to Maintenances Work for EGCB ends.	
	11:25	Faridpur 132/33kV S/S Transformer-2 LT is restored.	
11:30	14:47	Rampal 230/132kV ICT-2 SD by P/S.	
11:33	12:34	Mongla 132/33kV S/S T-2 LT Forced S/D Due to 33 kv bus section DS maintenance	20 MW Power interrupt.
11:34	16:49	Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T LT Scheduled S/D Due to Red Hot Maintenance.	36 MW Power interrupt.
11:56	12:04	Barishal-Bhandaria 132 kv Ckt-1 Tripped from Barishal 132/33kV end showing Phase A relays Due to Un Known.	30 MW Power interrupt.
	12:30	Bhaluka-Mymensingh 132 kv Ckt-2 is restored.	
	12:31	Bhaluka 132/33kV S/S Transformer-02 HT is restored.	
	12:36	Bhaluka 132/33kV S/S Transformer-01 LT is restored.	
12:43	13:14	Gopalganj(N)-Madaripur 132kV Ckt-1 Tripped from Madaripur end showing SIEMENS SIPROTEC 7SA62 relays Due to No and from Gopalganj 400/132kV end showing DIR OC (67) Inverse relays Due to 19.8km, Phase C,zone 1.	50 MW Power interrupt.
12:59	18:18	Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to 400/132 kv Interim ATR bus DS maintenance.	
15:50		Mymensingh 132 kv bus coupler was opened	
16:01	16:20	Bogura-Sirajganj 230 kv Ckt-1 Tripped from Sirajganj end showing Main-1(REL316*4) Main-2(REL521) distance relay Due to L2-N fault	
16:14		Bhola CAPP GT1 was sync.	
	16:46	BIPTC S/S 20DF24 is restored.	
16:57		Bogura west- Adani Power Ltd. 400 kv line Trip (Distance relay Y-phase)	
16:57	17:14	Chapainawabganj-Rahapur 132kV Ckt-1 Tripped from Rahapur-I end showing M1 Main protection Relay Due to Thunderstorm.	120 MW Power interrupt.
	17:05	Kodda 132/33kV S/S Tr-3 (426T) HT is restored.	
	17:05	Kodda 132/33kV S/S Tr-3 (426T) HT is restored.	
	17:06	Kodda 132/33kV S/S Tr-4 (436T) HT is restored.	
17:24		Bhola CAPP GT2 was sync.	
17:46	19:05	BIPTC S/S 21701 LT Tripped showing TDC (ACF Main protection) relays Due to Pole-01 tripped by 00X00-B-A1RPC RPC NO AC Filter	485 MW Power interrupt.
17:55	18:15	Haripur-Madanganj 132kV Ckt-1 Tripped from Madanganj end showing Main Protection Relay and from Haripur end showing Distance Zone-1, BN (Y Phase N) relays Due to Rain.	42 MW Power interrupt.
19:21	20:10	Ashugonj-Sreepur ckt-1 tripped at both sides showing distance relay.	
19:41		Bogura west- Adani Power Ltd. 400 KV line Syn.	
20:37	22:17	Chattak-Sylhet 132 kv Ckt-2 Tripped from Sylhet end showing Distance Protection trip Z-1, C-Phase. relays.	
20:38	21:12	Chattak-Sunamganj 132 kv Ckt-1 Tripped from Sunamganj end showing REL-670 relays.	
21:58	04:10	Rangpur 132/33kV S/S T-1(414T) LT Tripped showing O/C, E/F relays Due to Due to 33 kv T-6 Feeder Fault.	60 MW Power interrupt.
21:58	04:10	Rangpur 132/33kV S/S T-2 (404T) LT Tripped showing O/C, E/F relays Due to Due to 33kv T-6 feeder Breaker Fault.	
22:23	22:50	Ranganj 132/33kV S/S Transformer -02 LT Forced S/D	
22:42		Gulshan-Rampura 132kV Ckt-1 Scheduled S/D from Gulshan end Due to 132 kv 0.9 km underground cable replacement work and from Rampura 230/132kV end Due to XLPE cable replacement work of 132 kv Gulshan ckt-1.	50 MW Power interrupt.
00:30		Bhola 225MW CAPP ST was sync.	

Sub Divisional Engineer Network Operation Division	Executive Engineer Network Operation Division	Superintendent Engineer Load Despatch Circle
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