

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

Reporting Date : 22-Apr-24

Till now the maximum generation is :-

15648.0

21:00 Hrs on 19-Apr-23

The Summary of Yesterday's		21-Apr-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	14295.0 MW	Hour :	12:00	Min. Gen. at	8:00	12877	
Evening Peak Generation :	15666.0 MW	Hour :	21:00	Available Max Generation :		16697	
E.P. Demand (at gen end) :	16000.0 MW	Hour :	21:00	Max Demand (Evening) :		16200	
Maximum Generation :	15666.0 MW	Hour :	21:00	Reserve(Generation end)		497	
Total Gen. (MKWH) :	347.030	System Load Factor :	92.30%	Load Shed		0	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum				886 MW	at	7:00	Energy
Import from West grid to East grid :- Maximum					at		Energy
Actual :	Water Level of Kaptai Lake at 6:00 A M on	22-Apr-24					
	75.92	FL(MSL) :		Rule curve :	83.80	FL (MSL)	

Gas Consumed :	Total =	1342.61	MMCFD.	Oil Consumed (PDB) :			
Cost of the Consumed Fuel (PDB+Pv) :	Gas :	Tk507,542,199		Oil :	Tk836,974,622	Total :	Tk1,958,980,783
	Coal :	Tk614,463,962					

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	Time	MW	Time	MW	Time	MW	
Dhaka	20	0.00		4308		0	-23%
Chittagong Area	0	0.00		1182		0	-21%
Khulna Area	0	0.00		1655		0	-21%
Rajshahi Area	0	0.00		1438		0	-20%
Cumilla Area	49	0.00		1184		0	-21%
Mymensingh Area	150	0.00		880		0	-20%
Sylhet Area	0	0.00		494		0	-21%
Barisal Area	0	0.00		411		0	0%
Rangpur Area	100	0.00		804		0	-20%
Total	319			12357		0	

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 2
	2) Ghorasal-3,7
	3) Shajbazar 330 MW
	4) Baghabari-71, 100 MW
	5) Raszan unit-2
	6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
Time	Time		
	08:15	Chandpur 132/33kV S/S 402T LT is restored.	
	08:15	Chandpur 132/33kV S/S 402T HT is restored.	
	08:25	Kushitia 132/33kV S/S T-1 HT is restored.	
	08:26	Kushitia 132/33kV S/S T-1 LT is restored.	
08:47	20:20	Barishal-Bhandaria 132 kV Ckt-1 Scheduled S/D from Bhandaria 132/33kV end Due to Shut Down from Barishal end and from Barishal 132/33kV end Due to For change the relay	
	08:53	Faridpur 132/33kV S/S Transformer-2 HT is restored.	
	08:54	Faridpur 132/33kV S/S Transformer-2 LT is restored.	
09:28		Khulna (S)-Rampal Ckt-2 Project Work S/D from Khulna(S) 230/132kV end. and from Rampal 400/230kV end Due to Khulna ALDC Requirement	
09:32	10:40	Siraganj 132/33kV S/S T1-(415) LT Forced S/D Due to Red hot problem at 33 kv Bus DS.	25.0MW load interrup.
09:33	10:40	Siraganj 132/33kV S/S T1-(415) HT Forced S/D Due to Red hot problem at 33 kv Bus DS.	
	11:03	BIPTC S/S 20DF13 is restored.	
11:04	11:52	Bheramara P/S-Faridpur 132 kV Ckt-2 Tripped from Bheramara 230/132kV end showing Distance, 86LO relays Due to O/C, ZONE-1, 67.50Km	
11:21		Unique Meghnaghat Power Limited (UMPL) Tripped	
12:00		Day Peak Generation 14295 MW.	
12:25	12:31	Kushitia 132/33kV S/S T-1 HT Tripped showing K13 K14 relays Due to High Temperature	86.0MW load interrup.
12:25	12:32	Kushitia 132/33kV S/S T-1 LT Tripped showing K31, K32 relays Due to High Temperature	86.0MW load interrup.
12:47		Unique Meghnaghat Power Limited (UMPL) Synchronized	
15:10	16:32	Daudkandi 132/33kV S/S Transformer-1 HT Forced S/D Due to Relay Maintenance work (SPMD)	
15:10	16:32	Daudkandi 132/33kV S/S Transformer-1 HT Forced S/D Due to Relay Maintenance work (SPMD)	
15:10	16:34	Daudkandi 132/33kV S/S Transformer-1 LT Forced S/D Due to Relay Maintenance work (SPMD)	
17:18	17:40	Barishal 230/132kV S/S T-4 LT Tripped showing O/c relays Due to 33kv jakokathy feeder fault	37.0MW load interrup.
17:18	17:40	Barishal 230/132kV S/S T-5 LT Tripped showing O/c relays Due to Jakokathy feeder fault	37.0MW load interrup.
21:00		Evening Peak Generation: 15666 MW	
23:49	23:56	Barishal 230/132kV S/S T-5 HT Forced S/D Due to 33 kv bus coupler -1 B phase red hot.	89.0MW load interrup.
23:49	23:58	Barishal 230/132kV S/S T-5 LT Forced S/D Due to 33 kv bus coupler -1 B phase red hot.	89.0MW load interrup.
06:08	07:36	Joydebpur 132/33kV S/S GT-2 HT Scheduled S/D Due to Auxiliary Transformer-1 Oil leakage maintenance	
06:28		Mirpur 132/33kV S/S Reserve Bus Scheduled S/D Due to Red Hot Maintenance work	
06:38		Cumilla(N)-Meghnaghat 230 kV Ckt-2 Scheduled S/D from Cumilla(N) 230/132/33kV end Due to Red Hot Maintenance.	
07:00		Min. Gen. 13040 MW	
07:07		Pabna 132/33kV S/S T-2 LT Scheduled S/D	25.0MW load interrup.
07:07		Pabna 132/33kV S/S T-2 HT Scheduled S/D	25.0MW load interrup.
07:10		Narail 132/33kV S/S TR2 (413-T) LT Scheduled S/D Due to 33 KV bus section -1 (N1,N3), bus section-2 (N5) 's disconnecting blade (bottom nut) redhot maintenance work.	26.0MW load interrup.
07:11		Narail 132/33kV S/S TR2 (413-T) HT Scheduled S/D Due to 33 KV bus section -1 (N1,N3), bus section-2 (N5) 's disconnecting blade (bottom nut) redhot maintenance work.	26.0MW load interrup.
07:25		Sogura 230/132kV S/S 230KV Main 1 Project Work S/D Due to T#04 Transformer Bus Loop Connection	
07:30		Pabna 132/33kV S/S T-3 HT Forced S/D	20.0MW load interrup.
07:30		Pabna 132/33kV S/S T-3 LT Forced S/D Due to T-2 & T-3 Bus Sectionalize DS Maintenance work.	20.0MW load interrup.
07:30		Narail 132/33kV S/S TR1 (403-T) LT Scheduled S/D Due to 33 KV bus section -1 (N1,N3), bus section-2 (N5) 's disconnecting blade (bottom nut) redhot maintenance work.	30.0MW load interrup.
07:31		Narail 132/33kV S/S TR1 (403-T) HT Scheduled S/D Due to 33 KV bus section -1 (N1,N3), bus section-2 (N5) 's disconnecting blade (bottom nut) redhot maintenance work.	30.0MW load interrup.
07:35		Rampura 230/132kV S/S 230KV Busbar-2 Project Work S/D Due to Dismental old Auto Tx-3 at 230 kv side.	
07:58		Cumilla(N) 230/132/33kV S/S 132KV T-04 HT Scheduled S/D Due to 33 KV Feeder Red Hot Maintenance By BPDB	15.0MW load interrup.
07:58		Cumilla(N) 230/132/33kV S/S 132KV T-04 LT Scheduled S/D Due to 33 KV Feeder Red Hot Maintenance By BPDB	15.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle