

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

Reporting Date : 20-Apr-24

Till now the maximum generation is :-

The Summary of Yesterday's		19-Apr-24	19648.0	Generation & Demand		21:00	Hrs on	19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		12100.0	MW	Hour :	12:00	Min. Gen. at	8:00		12059	
Evening Peak Generation :		14308.0	MW	Hour :	21:00	Available Max Generation :			16246	
E.P. Demand (at gen end) :		14520.0	MW	Hour :	21:00	Max Demand (Evening) :			15500	
Maximum Generation :		14513.0	MW	Hour :	23:00	Reserve(Generation end)			746	
Total Gen. (MKWH) :		309.922		System Load Factor	88.98%	Load Shed			0	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	Mini Flow	MW	at	#N/A	Energy
Import from West grid to East grid :- Maximum	MW	at			Energy
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	76.41	FL (MSL) ,	20-Apr-24	
			FL (MSL) ,	Rule curve :	84.20
					FL (MSL))

Gas Consumed :	Total =	1293.08	MMCFD.	Oil Consumed (PDB) :		HSD :		FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk483,949,946		Coal :	Tk558,457,316	Oil :	Tk533,598,054	Total :	Tk1,576,005,316

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	Time	MW	MW	Estimated Shedding (S/S end)	MW		
Dhaka	0	0.00	4308	0	0	-23%	
Chattogram Area	0	0.00	1182	0	0	-21%	
Khulna Area	0	0.00	1655	0	0	-21%	
Rajshahi Area	0	0.00	1438	0	0	-20%	
Cumilla Area	0	0.00	1184	0	0	-21%	
Mymensingh Area	132	0.00	880	0	0	-20%	
Sylhet Area	0	0.00	494	0	0	-21%	
Barisal Area	0	0.00	411	0	0	0%	
Rangpur Area	70	0.00	804	0	0	-20%	
Total	202		12357		0		

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST- Unit- 2
- 2) Ghoraal-3.7
- 3) Shajbazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raozan unit-2
- 6) Siddhirganj 210 MW .

Outage

Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:03	08:14	Bashundhara-Rampura 132 kv Ckt-2 Tripped from Rampura 230/132kv end showing Distance protection 21/11 - Z1 BN relays.	
	08:04	Halishahar-Julda 132kv Ckt-1 is restored.	
	08:30	Chandpur 132/33kv S/S 402T HT is restored.	
	08:30	Chandpur 132/33kv S/S 402T LT is restored.	
08:44	16:48	Hasnabad-Keraniganj 230KV Ckt-1 Scheduled S/D from Keraniganj 230/132/33kv end Due to Meghnaghat-shaympur line Shut down.	
08:44	16:48	Hasnabad-Keraniganj 230KV Ckt-2 Scheduled S/D from Keraniganj 230/132/33kv end Due to Meghnaghat-shaympur line Shut down.	
	08:45	Aminbazar-Keraniganj 230KV Ckt-2 is restored.	
	08:45	Aminbazar-Keraniganj 230KV Ckt-1 is restored.	
08:55	11:28	Bog-Sherpur 132/33kv S/S Transformer-1 (404T) LT Forced S/D Due to Red hot maintenance.	29 MW load interrup.
08:56	11:25	Bog-Sherpur 132/33kv S/S Transformer-1 (404T) HT Forced S/D Due to Red hot maintenance.	
08:58	11:29	Bog-Sherpur 132/33kv S/S Transformer-2 (414T) LT Forced S/D Due to Red hot maintenance.	
08:59	11:27	Bog-Sherpur 132/33kv S/S Transformer-2 (414T) HT Forced S/D Due to Red hot maintenance.	
10:40	10:54	Nawabganj 132/33kv S/S TR-2 LT Tripped showing Overcurrent relay relays Due to Due to 33kv Agla feeder trip.	
11:08	13:37	Ghorashal-Seven Circle 132kv Ckt-1 Tripped from Seven Rings 132/11kv end showing RED670. relays Due to After checking the transmission by SCBL the line side found to be ok.	07 MW load interrup in Seven Rings 132/33 kv end.
	11:12	Thakurgaon 132/33kv S/S T-3(432T) LT is restored.	
	11:12	Thakurgaon 132/33kv S/S T-3(432T) HT is restored.	
	12:19	Rampura 230/132kv S/S 132 kv Busbar-2 is restored.	
	12:27	Rampura 230/132kv S/S Auto Transformer - 02 HT is restored.	
	12:28	Rampura 230/132kv S/S Auto Transformer - 02 LT is restored.	
	12:55	Bashundhara-Rampura 132 kv Ckt-1 is restored.	
	15:36	Siddhirganj 335 MW CAPP GT Synchronized.	
15:50	16:22	Kishoreganj 132/33kv S/S Tr-3 (424T) LT Scheduled S/D Due to due to T3 Transformer load Shear.	
15:55	21:58	Kishoreganj 132/33kv S/S Tr-1 (404T) LT Scheduled S/D Due to For 132kv T2&T3 Parallel Operation.	50 MW load interrup.
16:10	16:39	Fenchuganj-Sreemangal 132kv Ckt-2 Tripped from Sreemongol 132/33kv end showing Distance Relay relays Due to Fault and from Fenchuganj 230/132/33kv end showing REL650 & REL670 relays Due to Bad Weather.	
16:10	16:39	Fenchuganj-Sreemangal 132kv Ckt-1 Tripped from Sreemongol 132/33kv end showing Distance Relay relays Due to Fault and from Fenchuganj 230/132/33kv end showing REL650 & REL670 relays Due to Bad Weather.	
16:27	18:27	BIPTC S/S 20DF23 Tripped showing 60/61, lockout relay TC1 relays Due to Tripped by C1 unbalance 60/61 instant L2 trip.	
	18:46	Meghnaghat-Shaympur 230KV Ckt-1 is restored.	
	16:46	Meghnaghat-Shaympur 230KV Ckt-1 is restored.	
16:50	17:22	Mongla 132/33kv S/S T-2 LT Tripped showing OC/IEF(50) relays.	17 MW load interrup.
16:50		BIPTC S/S 10CF16 Tripped showing CPRD4 relays Due to tripped by C1 unbalance 60/61 instant L2.	
16:54	17:04	Cumilla(N)-Meghnaghat 230 kv Ckt-1 Tripped from Meghnaghat 230/132kv end showing Distance Relay and from Cumilla(N) 230/132/33kv end showing Main-1 Protection operated relays.	
	17:54	Siddhirganj 335 MW CAPP ST Synchronized.	
19:55	20:00	Nawabganj 132/33kv S/S TR-2 LT Tripped showing Overcurrent relay relays Due to Due to 33kv Agla feeder fault.	
21:12	22:12	Kishoreganj 132/33kv S/S Tr-3 (424T) HT Tripped showing O/C a.b.c relays Due to CT damage of Tr-2 when both transformer (Tr-2 & Tr-3) both were operating parallel.	70 MW load interrup.
06:02		Thakurgaon 132/33kv S/S T-3(432T) LT Scheduled S/D Due to 33 kv Bus coupler rearrange.	14 MW load interrup.
06:03		Thakurgaon 132/33kv S/S T-3(432T) HT Scheduled S/D Due to 33 kv Bus coupler rearrange.	
07:02		Fairpur 132/33kv S/S Transformer-3 LT Scheduled S/D Due to 33kv Underground Cable Replace .	20 MW load interrup.
07:11		Fairpur 132/33kv S/S Transformer-3 HT Scheduled S/D Due to 33kv Underground Cable Replace.	
07:17		Fairpur 132/33kv S/S Transformer-1 LT Scheduled S/D Due to 33kv Busbar Maintenance.	
07:18		Fairpur 132/33kv S/S Transformer-1 HT Scheduled S/D Due to 33kv Busbar Maintenance.	
07:40		Bogura 132/33kv S/S Transformer-3 LT Scheduled S/D Due to Maintenance Work.	20 MW load interrup.
07:40		Bogura 132/33kv S/S Transformer-3 HT Scheduled S/D Due to Maintenance Work.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle