

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

Reporting Date : 16-Mar-24

Till now the maximum generation is :-

The Summary of Yesterday's		15-Mar-24		15648.0		21:00 Hrs on 19-Apr-23		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	:	10657.0	MW	Hour :	12:00	Min. Gen. at	6:00	9286	
Evening Peak Generation	:	12216.0	MW	Hour :	21:00	Available Max Generation	:	13333	
E.P. Demand (at gen end)	:	12300.0	MW	Hour :	21:00	Max Demand (Evening)	:	12600	
Maximum Generation	:	12216.0	MW	Hour :	21:00	Reverse(Generation end)	:	733	
Total Gen. (MKWH)	:	255.190				System Load Factor	:	87.04%	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid -> Maximum	:	810	MW	at	21:00	Energy	:	-
Import from West grid to East grid -> Maximum	:							

Actual :	Water Level of Kaptai Lake at 6:00 A.M on	16-Mar-24	Rule curve :	90.60	Fl (MSL)		
	81.81	Fl (MSL)					

Gas Consumed :	Total =	952.36	MMCFD.	Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+PM) :	Gas :	Tk355,711,240		Oil :	Tk444,338,783	Total :	Tk1,377,032,991
	Coal :	Tk576,982,968					

Load Shedding & Other Information

Area	Yesterday	Estimated Demand (S/S end)	Today	Estimated Shedding (S/S end)	Rates of Shedding (On Estimated Demand)
	MW	MW	MW	MW	
Dhaka	0	0:00	4373	0	0%
Chittagong Area	0	0:00	1200	0	0%
Khulna Area	0	0:00	1681	0	0%
Rajshahi Area	0	0:00	1461	0	0%
Cumilla Area	0	0:00	1202	0	0%
Mymensingh Area	80	0:00	894	0	0%
Sylhet Area	0	0:00	501	0	0%
Barisal Area	0	0:00	418	0	0%
Rangpur Area	0	0:00	817	0	0%
Total	80		12546	0	

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit- 1,2
- 2) Ghorasal-3,5,7
- 3) Shahjibazar 330 MW
- 4) Baghabani-71,100 MW
- 5) Raozan unit-2
- 6) Siddhiganj 210 MW .
- 7) Ashuganj North

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:00		Ashuganj 420 MW CCGP(East) Shutdown with remarks:- GT	
08:05		Sikalbaha 225MW CCGP Shutdown with remarks:- ST	
08:45		Sikalbaha 225MW CCGP Shutdown with remarks:- GT	
08:45		Sikalbaha Gas 225 MW GT was shutdown.	
09:00		Rampal 1320 MW (BIFPCL) Shutdown with remarks:- U2	
09:00		Rampal 1320 MW (BIFPCL) unit-2 was shutdown due to automation problem.	
09:10	09:00	Chandpur 132/33kV S/S 200kVA Aux. T-2 HT is restored.	
	12:49	Purbasadjpur-Saidpur 132kV Ckt-1 Scheduled S/D from Purbasadjpur 132/33kV end, and from Saidpur 132/33kV end	15.0MW load interrup. Purbasadjpur 132/33kV end
		Due to From purbasadjpur end.	
09:47	10:27	Rangpur-Rangpur Confidence(100MW) 132kV Ckt-1 Forced S/D from Rangpur 132/33kV end Due to Gas Filling	
10:26	10:40	Mithapukur-Rangpur Confidence(100MW) 132kV Ckt-1 Forced S/D from Mithapukur 132/33kV end.	
10:48	10:48	Cumilla(S) 132/33kV S/S TR-1 LT Tripped showing REF 615 relays Due to Non dir. O/C Trip	16.0MW load interrup.
10:36	10:48	Cumilla(S) 132/33kV S/S TR-2 LT Tripped showing REF 615 relays Due to Non dir. O/C Trip	16.0MW load interrup.
	11:42	Baroihat-Hathazari 132 kV Ckt-2 is restored.	
	11:42	Baroihat-Hathazari 132 kV Ckt-1 is restored.	
12:00		Day Peak Gen. 10658 MW	
	12:31	Dhamrai-Kaliakoi 132 kV Ckt-2 is restored.	
	12:31	Dhamrai-Kaliakoi 132 kV Ckt-1 is restored.	
	12:32	Dhamrai 132/33kV S/S Transformer-1 HT is restored.	
	12:32	Dhamrai 132/33kV S/S Transformer-2 HT is restored.	
	12:33	Dhamrai 132/33kV S/S Transformer-1 LT is restored.	
	12:33	Dhamrai 132/33kV S/S Transformer-2 LT is restored.	
	13:01	Coxbazar 132/33kV S/S 405T-T1 HT is restored.	
15:15		Shahjibazar 100 MW GTPP Synchronizad	
	16:52	Jashore 132/33kV S/S T-2 LT is restored.	
	16:52	Jashore 132/33kV S/S T-2 HT is restored.	
	16:56	Shahjibazar 100 MW GTPP Shutdown	
	20:40	Coxbazar 132/33kV S/S 405T-T1 HT Tripped showing ABB relays Due to Over current	85.0MW load interrup.
21:00		Evening Peak generation =12216 MW	
05:02	05:53	Keraniganj 230/132/33kV S/S TR-1 LT Tripped showing 87N Restricted earth fault . relays Due to 33kv Kalatiya and Konakhola feeder underground cable blast and firing.	23.0MW load interrup.
05:02	05:25	Keraniganj 230/132/33kV S/S TR-2 LT Tripped showing 87N REF. relays Due to 33kv Kalatiya and Konakhola feeder underground cable blast and firing.	23.0MW load interrup.
05:44	06:00	Daudkandi-Sonargaon 132 kV Ckt-1 Tripped from Sonargaon 132/33kV end showing Y-phase pickup, B-phase pickup, Dir O/C & E/F trip. relays Due to Trip	
05:51	05:53	Haripur-Sonargaon 132kV Ckt-1 Tripped from Sonargaon 132/33kV end showing General trip relays Due to Trip	
		Keraniganj 230/132/33kV S/S TR-2 LT Forced S/D Due to 33 kv kalatiya (H-13) Feeder Bus D/S insulator over flashing. PBS Maintenance work purpose.	
06:00		Minimum Generation : 9286 MW	
06:33		Jashore 132/33kV S/S T-2 HT Project Work S/D Due to 33 kv Busbar Upgradation	
06:33		Jashore 132/33kV S/S T-2 LT Project Work S/D Due to 33 kv Busbar Upgradation	
07:03		Saikhira 132/33kV S/S Transformer-1 (T-1) HT Scheduled S/D Due to Due to red-hot maintenance	
07:03		Saikhira 132/33kV S/S Transformer-1 (T-1) LT Scheduled S/D Due to Due to red-hot maintenance	
07:25		Baroaula-Hathazari 132 kV Ckt-1 Scheduled S/D from Baroaula 132/33kV end Due to Work at tower no. 158,158A,159	10.0MW load interrup. Baroaula 132/33kV end
07:25		Baroaula-Hathazari 132 kV Ckt-2 Scheduled S/D from Baroaula 132/33kV end Due to Work at tower no. 158,158A,159	10.0MW load interrup. Baroaula 132/33kV end
07:34		Chhatak 132/33kV S/S T-1 LT Scheduled S/D Due to Shutdown for TANDELTA testing	
07:35		Chhatak 132/33kV S/S T-1 HT Scheduled S/D Due to Shutdown For TAN delta testing	
07:49		Bibiyan South 400 MW Tripped with remarks:- GT	
07:03		Aminbazar-Meghnaghat 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end.	
07:26		Rajshahi 132/33kV S/S Transformer T-1(405T) LT Scheduled S/D Due to General cleaning	
07:26		Rajshahi 132/33kV S/S Transformer T-1(405T) HT Scheduled S/D	
07:28	07:32	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to 33 kv Bus Coupler DS open from PDB (33 kv side)	18.0MW load interrup. interrup.
06:20		Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to 33 kv Bus coupler T5 maintenance. work	13.0MW load interrup.
06:22		Bogura(New)-Naogaon 132 kV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:23		Bogura(New)-Naogaon 132 kV Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:25		Bhandaria 132/33kV S/S Transformer-2 LT Project Work S/D Due to 33 KV BUS DS Replacement.	12.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle