

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

Reporting Date : 20-Jul-23

Till now the maximum generation is :-

The Summary of Yesterday's	19-Jul-23	15648.0	Generation & Demand	21:00	Hrs on	19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :		12586.0 MW	Hour :	12:00	Min. Gen. at	8:00	11991
Evening Peak Generation :		14448.0 MW	Hour :	21:00	Available Max Generation :		15338
E.P. Demand (at gen end) :		15600.0 MW	Hour :	21:00	Max Demand (Evening) :		15800
Maximum Generation :		14448.0 MW	Hour :	21:00	Reserve(Generation end)		-
Total Gen. (MKWH) :		303.4	System Load Factor		Load Shed		426

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		310 MW	at	21:00	Energy		
Export from East grid to West grid :- Maximum							
Import from West grid to East grid :- Maximum							
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	75.54	Fl.(MSL)	20-Jul-23	Rule curve :	87.04	Fl.(MSL)

Gas Consumed :	Total =	1196.89	MMCFD.	Oil Consumed (PDB) :	HSD :	FO :		
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk169,292,111	Coal :	Tk306,905,782	Oil :	Tk889,328,322	Total :	Tk1,365,526,215

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	MW	MW	MW		
Dhaka	138	0.00	5181	120	2%		
Chittagong Area	0	0.00	1427	55	4%		
Khulna Area	172	0.00	2000	50	2%		
Rajshahi Area	100	0.00	1740	50	3%		
Cumilla Area	180	0.00	1431	45	3%		
Mymensingh Area	200	0.00	1065	36	3%		
Sylhet Area	90	0.00	596	20	3%		
Barisal Area	40	0.00	497	15	3%		
Rangpur Area	180	0.00	973	35	4%		
Total	1100		14911	426			

Information of the Generating Units under shut down.

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

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
	08:18	Barguna 132/33kV S/S Transformer-2 LT is restored.	
	08:18	Barguna 132/33kV S/S Transformer-2 HT is restored.	
09:03		Meghnaghat 230/132kV S/S Meghnaghat-Aminbazar-02 Project Work S/D Due to Project Work Shutdown.	
09:57	13:06	Savar 132/33kV S/S Bus-A Scheduled S/D Due to Red hot maintenance	
11:13		Meghnaghat 400/230kV T1 was S/D due project work	
12:00		Day Peak Gen. 12586 MW	
12:04		Bibiya South 400 MW ST was sync.	
14:21	14:39	Ashuganj-Kishoreganj 132kV Ckt-2 Forced S/D from Kishoreganj 132/33kV end Due to emergency ROW	
17:20	18:16	Bhaluka-Mymensingh 132 kV Ckt-1 Tripped from Bhaluka 132/33kV end showing O/C RYB Phase, O/C PU Only E, 86.1 operated, 86.2 operated, relays Due to O/C RYB Phase, O/C PU Only E.(PT operated at ckt1 sreepur s/s)	80.0MW load interrup. Bhaluka 132/33kV end
17:20	18:15	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-2 Tripped showing 7SJ85 relays Due to Over Current	
17:20	17:58	Bhaluka-Mymensingh 132 kV Ckt-2 Tripped from Bhaluka 132/33kV end showing O/C. relays Due to Sreepur ckt 2 tripped at sreepur s/s not Bhaluka s/s by O/C.	
17:21	17:56	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-1 Tripped showing 7SD522 relays Due to PD operate	
	18:04	Baghabari-Ishurdi 230 kV Ckt-1 is restored.	
18:07		Meghnaghat 400/230kV T1 switched on	
	19:11	Baghabari-Ishurdi 230 kV Ckt-2 is restored.	
21:00		Evening Peak Generation = 14,448MW	
05:43		Maniknagar-Siddhirganj 230kV Ckt-2 Scheduled S/D from Siddhirganj 230/132kV end Due to Order of NLDC and from Maniknagar 230/132kV end Due to Tower Erection	
07:00		Minimum Generation :12040 MW	
07:04		Baghabari-Ishurdi 230 kV Ckt-1 Project Work S/D from Baghabari 230/132kV end Due to Project development work at Ishurdi SS end. and from Ishurdi 230/132kV end.	
07:06		Baghabari-Ishurdi 230 kV Ckt-2 Project Work S/D from Baghabari 230/132kV end Due to Project development work at Ishurdi SS end. and from Ishurdi 230/132kV end.	
07:09		Gopalganj(N)-Madaripur 132kV Ckt-3 Scheduled S/D from Gopalganj 400/132kV end. and from Madaripur 132/33kV end Due to TCS Relay Installation and Maintenance Works	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle