

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

Reporting Date : 25-Aug-23

Till now the maximum generation is :-

The Summary of Yesterday's	24-Aug-23	15648.0	21:00	Hrs on	19-Apr-23	Reporting Date :	25-Aug-23
	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation :	12731.0 MW	Hour :	12:00	Min. Gen. at	7:00		10182
Evening Peak Generation :	14182.0 MW	Hour :	20:00	Available Max Generation :			14659
E.P. Demand (at gen end) :	14225.0 MW	Hour :	20:00	Max Demand (Evening) :			13000
Maximum Generation :	14182.0 MW	Hour :	20:00	Reserve(Generation end)			1659
Total Gen. (MKWH) :	301.53	System Load Factor :	88.59%	Load Shed :			0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		720 MW	at	20:00	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	25-Aug-23	Rule curve :	96.69	Fl.(MSL)
	102.31				

Gas Consumed :	Total =	1106.51	MMCFD.	Oil Consumed (PDB) :	HSD :	FO :

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk152,622,679	Coal :	Tk852,357,048	Oil :	Tk561,767,684	Total :	Tk1,366,747,411

Load Shedding & Other information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	MW	4373	Estimated Shedding (S/S end)	MW	
Dhaka	0	0.00	4373	0	0	0%	0%
Chittagong Area	0	0.00	1200	0	0	0%	0%
Khulna Area	0	0.00	1681	0	0	0%	0%
Rajshahi Area	0	0.00	1461	0	0	0%	0%
Cumilla Area	0	0.00	1202	0	0	0%	0%
Mymensingh Area	41	0.00	894	0	0	0%	0%
Sylhet Area	0	0.00	501	0	0	0%	0%
Barisal Area	0	0.00	418	0	0	0%	0%
Rangpur Area	0	0.00	817	0	0	0%	0%
Total	41	0.00	12546	0	0		

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) Razzan unit-2 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:06	8:53	Shajibazar 132/33kV S/S TR-02 LT Scheduled S/D Due to 33 kV side Breaker loop joint hotspot Maintenance. Load flow by TR-04.	
8:07	8:52	Shajibazar 132/33kV S/S TR-02 HT Scheduled S/D Due to 33 kV side Circuit Breaker loop joint hotspot Maintenance. Load flow by TR-04.	
-	8:38	Natore 132/33kV S/S TR-1 (405 T) HT is restored.	
-	8:39	Natore 132/33kV S/S TR-1 (405 T) LT is restored.	
-	9:27	Khulna(C)-Khulna (S) 132kV Ckt-2 is restored.	
-	9:27	Khulna(C)-Khulna (S) 132kV Ckt-2 is restored.	
9:41	-	Siddhirganj CAPP 335MW tripped.	250MW generation interrup.
-	9:54	Ghorasal-Joydeb-B 132kV Ckt-2 is restored.	
12:00	-	Day peak generation: 12731 MW.	
13:19	14:39	Siddhirganj-Siddhirganj (Orion) 132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing O/C,E/F relays Due to E/F, O/C GE, Trip	
13:19	13:44	Siddhirganj 132/33kV S/S 120MW EGCB GT1 Tripped showing 86 relays Due to LBB INITIATION,86.	
-	13:20	C.nawabganj-Rajshahi 132 kV Ckt-1 is restored.	
13:23	-	Meghnaghat 400/230 KV T2 tripped showing a sensitive E/F relay.	
14:18	16:18	Bogura 230/132kV S/S 132kV Main 1 Forced S/D Due to ISOLATOR MAINTENANCE.	
14:20	16:58	Bogura-Bogura (New) 132 kV Ckt-2 Forced S/D from Bogura 230/132kV end. and from Bogura 132/33kV end Due to In order by ALDC.	
-	14:20	Meghnaghat 400/230KV T2 transformer was switched on.	
-	14:45	Siddhirganj GT-1 was sync.	
14:53	17:17	Jamalpur 132/33kV S/S T-2 HT Forced S/D Due to 33kV T-2 Bus R-Phase Conductor Redhot Remove work.	40.0MW load interrup.
14:53	17:17	Jamalpur 132/33kV S/S T-2 LT Forced S/D Due to 33kV T-2 Bus R-Phase Conductor Redhot Remove work.	40.0MW load interrup.
15:54	16:26	Joypurhat-Naogaon 132kV Ckt-1 Tripped from Naogaon 132/33kV end showing O/C (A,B,C-phase),Distance(z1),Soft/for, A/R relays Due to Trip.	40.0MW load interrup. Naogaon 132/33kV end
-	16:34	Siddhirganj CAPP 335MW GT was sync.	
17:16	-	Bogura 230/132kV S/S 132kV Main 2 Project Work S/D.	
-	17:25	Sylhet CAPP 225 MW ST was sync.	
17:40	-	Gulshan-Rampura 132kV Ckt-2 Tripped from Rampura 230/132kV end showing 1) Distance Trip- Z1 (Y-Phase). 2) INST. E/F. 3) DEF. Trip.-S. 4) Master Trip 86 T1 & 86 T2. relays Due to Unknown.	
-	17:58	Siddhirganj CAPP 335MW ST was sync.	
19:42	-	Sylhet CAPP 225 MW ST was shutdown due to control system problem.	
20:00	-	Evening Peak Gen. 14182 MW	
21:10	21:33	Sonargaon 132/33kV S/S T-1 LT Tripped showing O/C relays Due to PBS Sonargaon feeder trip.	
22:55	23:13	Faridpur 132/33kV S/S Transformer-1 LT Tripped showing Earth Fault (I) relays Due to 33kV Feeder Kanaipur-01 & REB-01 fault.	71.0MW load interrup.
22:55	23:14	Faridpur 132/33kV S/S Transformer-2 LT Tripped showing Earth Fault (I) relays Due to 33kV Feeder Kanaipur-01 & REB-01 fault.	71.0MW load interrup.
-	23:51	Shitalakhya 132/33kV S/S 132 kV MI Cement is restored.	
0:54	1:01	Faridpur 132/33kV S/S Transformer-2 LT Tripped showing Earth Fault (I) relays Due to Unknown.	60.0MW load interrup.
0:54	1:01	Faridpur 132/33kV S/S Transformer-1 LT Tripped showing Earth Fault (I) relays Due to Unknown.	60.0MW load interrup.
3:56	-	BIPTC S/S 20DF24 Tripped showing 21R relays Due to Impedance Tripped.	
6:25	-	Noapara 132/33kV S/S T-2 LT Project Work S/D Due to 33kV bus S/D.	28.0MW load interrup.
6:25	-	Noapara 132/33kV S/S T-4 LT Project Work S/D Due to 33kV bus S/D.	28.0MW load interrup.
6:26	-	Noapara 132/33kV S/S T-2 HT Project Work S/D Due to 33kV bus S/D.	28.0MW load interrup.
6:26	-	Noapara 132/33kV S/S T-4 HT Project Work S/D Due to 33kV bus S/D.	28.0MW load interrup.
6:37	-	Barapukuria-Bogura 230 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Isolator replacement work.	
6:39	-	Bogura 230/132kV S/S 230kV Main 2 Scheduled S/D Due to Isolator replacement work.	
7:00	-	Minimum generation was 10182 MW	
7:25	-	Pabna 132/33kV S/S T-1 LT Project Work S/D Due to New 33kV Square Feeder Bus Connection.	30.0MW load interrup.
7:26	-	Pabna 132/33kV S/S T-1 HT Project Work S/D Due to New 33kV Square Feeder Bus Connection.	
7:26	-	Pabna 132/33 kV T-1 along with associated 33 kV Bus-1 S/D due to 33 kV Feeder Loop connection work.	34MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle