

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

Reporting Date : 1-Aug-23

Till now the maximum generation is :-		15648.0		21:00 Hrs on 19-Apr-23	
The Summary of Yesterday's		31-Jul-23		Generation & Demand	
Day Peak Generation :	13198.0 MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand	12246
Evening Peak Generation :	14801.0 MW	Hour :	21:00	Min. Gen. at	15307
E.P. Demand (at gen end) :	0.0 MW	Hour :	21:00	Available Max Generation :	15500
Maximum Generation :	14801.0 MW	Hour :	21:00	Max Demand (Evening) :	-
Total Gen. (MKVH) :	317.96	System Load Factor :	89.51%	Reserve(Generation end) :	178

Export from East grid to West grid :- Maximum		390 MW		at 22:00	
Import from West grid to East grid :- Maximum		-		Energy	
Water Level of Kaptai Lake at 6:00 A.M on		1-Aug-23		Rule curve : 89.00 Ft.(MSL)	
Actual :	79.93 Ft.(MSL)				

Gas Consumed :	Total = 1124.55 MMCFD.	Oil Consumed (PDB) :	HSD : FO :
Cost of the Consumed Fuel (PDB+PV) :	Gas : Tk184,958,893 Coal : Tk309,892,790	Oil : Tk922,612,182	Total : Tk1,397,463,965

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW			MW		
Dhaka	40	0.00	5278	55	1%	
Chittagong Area	0	0.00	1455	22	2%	
Khulna Area	0	0.00	2039	22	1%	
Rashtaha Area	60	0.00	1773	18	1%	
Cumilla Area	40	0.00	1458	18	1%	
Mymensingh Area	170	0.00	1085	15	1%	
Sylhet Area	0	0.00	608	10	2%	
Barisal Area	0	0.00	507	5	1%	
Rangpur Area	90	0.00	992	13	1%	
Total	400		15195	178		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-1,2 2) Ghonail-3,7 3) Shajibazar 330 MW 4) Baghabari-71,100 MW 5) Roazan unit-2 6) Siddhaganj 210 MW . 7) Shajibazar-9

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:13		Feni 132/33kV S/S T-1(405T) HT is restored.	
08:14		Feni 132/33kV S/S T-1(405T) LT is restored.	
08:16		Goalpara 132/33kV S/S T-6 HT is restored.	
08:17		Goalpara 132/33kV S/S T-6 LT is restored.	
08:18	09:10	Shajibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Red hot Maintenance work by Habiganj Pbs	40.0MW load interrup.
08:20	09:07	Shajibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to Red hot Maintenance work by Habiganj Pbs	40.0MW load interrup.
08:38	11:25	Meghnaghat -S.S. power Bashkhal 400 kV ckt was shutdown due to red hot maintenance work by Siemens at Meghnaghat end.	
	08:45	Chhatak 132/33kV S/S T-2 HT is restored.	
	08:46	Chhatak 132/33kV S/S T-2 LT is restored.	
09:02		Khulna 330 MW CCPP GT was sync.	
	09:16	Chandpur 132/33kV S/S 402T HT is restored.	
	09:16	Chandpur 132/33kV S/S 402T LT is restored.	
09:18		Chandpur 132/33kV S/S 200KVA Aux. T-2 LT Scheduled S/D Due to Two station supply transformer LT side MCCB will be stay close condition at a time. Between two station supply Transformer, Normally one station supply transformer LT side MCCB will be stay open.	
	09:19	Chandpur 132/33kV S/S 200KVA Aux. T-1 LT is restored.	
09:44		Kushlira 163MW tripped.	110MW generation interrup.
10:08	13:55	Gopalganj(N)-Madaripur 132kV Ckt-3 Project Work S/D from Gopalganj 400/132kV end. and from Madaripur 132/33 kV end Due to Teleprotection work.	
11:18	16:55	Khulna (S)-Rampal Ckt-1 Scheduled S/D from Khulna(S) 230/132kV end Due to Due to protection test on Rampal end and from Rampal 400/230kV end Due to Remotely switching operation Check from NIDC	
11:21		Kushlira 163MW was sync.	
12:00		Day peak generation 13198 MW.	
12:01	12:05	Shajibazar-Sreemangal 132kV Ckt-2 Tripped from Shajibazar 132/33kV end showing Distance Relay relays. and from Sreemangal 132/33kV end showing Distance Relay	
12:30		Kushlira 163MW tripped.	80MW generation interrup.
13:40		Sylhet CCPP 225 MW tripped due to GT flame failure.	180MW generation interrup.
13:46	14:15	Kabirpur - Manikganj 132kV Ckt-1 Forced S/D from Manikganj 132/33kV end Due to work at Kabirpur end	
14:13	21:47	Madaripur 132/33kV S/S Gopalganj North Ckt-04 Project Work S/D Due to Project work	
14:17	21:47	Gopalganj 400/132kV S/S 132kV Madaripur Ckt-4 Project Work S/D	
15:52		Sylhet CCPP 225 GT was sync.	
16:20		Bhola CCPP GT2 tripped.	
16:43	18:26	Hathazari 230/132/33kV S/S T-01 HT Tripped showing Primary 132kV side-Micom relays Due to 33 kV Blue phase XLPE Cable Punctured	
20:14	20:58	Dohazari 132/33kV S/S Power Transformer -T-2 HT Forced S/D Due to For 33kV Bus DS high temperature maintenance.	40.0MW load interrup.
20:56	21:30	Bogura 132/33kV S/S Transformer-1 LT Tripped showing 50 relays Due to o/C	20.0MW load interrup.
20:56		Bogura 132/33kV S/S Transformer-2 LT Tripped showing o/c, E/F relays Due to o/C, E/F	20.0MW load interrup.
20:56		Bogura 132/33kV S/S Transformer-2 HT Tripped showing 50 relays Due to o/c, E/F	80.0MW load interrup.
21:00		Today's peak generation 14801 MW	
21:27	22:37	Shahjadpur 132/33kV S/S T-4(435T) HT Forced S/D Due to 33 kV Incoming CT (B-Phase) Red-hot maintenance work.	15.0MW load interrup.
21:27	22:39	Shahjadpur 132/33kV S/S T-4(435T) LT Forced S/D Due to 33 kV Incoming CT (B-phase) Red-hot maintenance work.	15.0MW load interrup.
21:46	22:20	Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Distance protection-B-Phase(Earth) fault protection Directional earth fault protection relays Due to None and from Ashuganj 230/132/33kV end showing Distance-B phase, V-fall relays.	
	21:47	Gopalganj 400/132kV S/S 132kV Madaripur Ckt-4 is restored.	
22:28	23:39	Sirajganj 132/33kV S/S T2-(425) LT Forced S/D Due to Red Hot has become visible at 33kV BUS DS Y-phase CB side of T-02 Transformer.	15.0MW load interrup.
22:29	23:37	Sirajganj 132/33kV S/S T2-(425) HT Forced S/D Due to Red Hot has become visible at 33kV BUS DS Y-phase CB side of T-02 Transformer.	
23:49	00:36	Dohazari 132/33kV S/S Power Transformer -T-2 HT Forced S/D Due to SD taken by Keranihut 33kV feeder for Bus DS high temperature maintenance.	50.0MW load interrup.
06:08		Dohazari-Sikalbaha 132 kV Ckt-2 Scheduled S/D from Dohazari 132/33kV end Due to Bus coupler Bay conductor change. Doha-lik-01 is on duty. and from Shikalbaha 230/132kV end Due to Maintenance at Dohazari S/S End	
07:00		Min. Gen. 12246 MW.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle