

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

Reporting Date : 21-Jul-23

Till now the maximum generation is :-

15648.0

21:00 Hrs on 19-Apr-23

The Summary of Yesterday's	20-Jul-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	12359.0 MW	Hour : 12:00	Min. Gen. at	8:00	11682
Evening Peak Generation :	15059.0 MW	Hour : 21:00	Available Max Generation		15634
E.P. Demand (at gen end) :	15499.0 MW	Hour : 21:00	Max Demand (Evening) :		14300
Maximum Generation :	15059.0 MW	Hour : 21:00	Reserve(Generation end)		1334
Total Gen. (MKWH) :	310.3	System Load Factor	85.86%	Load Shed	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		264 MW	at	21:00	Energy
Import from West grid to East grid :- Maximum		MW	at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A M on 21-Jul-23	75.83	Fl.(MSL)	Rule curve :	87.04
					Fl.(MSL)

Gas Consumed :	Total =	1184.39	MMCFD.	Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk173,433,444		Oil :	Tk866,817,925	Total :	Tk1,346,448,206
	Coal :	Tk306,196,837					

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	82	0.00	4793	1318	0	0%	
Chittagong Area	0	0.00	1318	0	0	0%	
Khulna Area	0	0.00	1847	0	0	0%	
Rajshahi Area	0	0.00	1606	0	0	0%	
Cumilla Area	85	0.00	1321	0	0	0%	
Mymensingh Area	177	0.00	983	0	0	0%	
Sylhet Area	0	0.00	551	0	0	0%	
Barisal Area	0	0.00	459	0	0	0%	
Rangpur Area	76	0.00	898	0	0	0%	
Total	420	0.00	13776	0	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) Shahjibazar 330 MW 4) Baghabari-71,100 MW 5) Raocan unit-2 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
8:37	9:11	Bashundhara-Rampura 132 kV Ckt-1 Forced S/D from Rampura 230/132kV end Due to Basundhara S/S end Energy Meter check order by NLDC.	
-	9:17	Baskhal-Mafarbari ckt-2 switched on.	
9:30	14:10	Hathazari 230/132/33kV S/S MT-03 LT Scheduled S/D Due to HT side R Ph. Loop Repair.	
9:50	-	At Magura Ss T-3 S/D due PT MCB damage.	
10:05	-	Ghorashal GIS-Ghorashal GT3 230kV ckt Schedule S/D.	
10:22	11:30	Dohazari 132/33kV S/S Power Transformer -T-1 LT Forced S/D Due to 33kV Bus shut down taken by Chokoria PDB for 33 kV bus isolator maintenance.	6.0MW load interrup.
10:22	11:30	Dohazari 132/33kV S/S Power Transformer -T-1 HT Forced S/D Due to 33kV Bus shut down taken by Chokoria PDB for 33 kV bus isolator maintenance.	6.0MW load interrup.
11:05	11:20	Joypurhat 132/33kV S/S Transformer T-4 (437 T) HT Forced S/D Due to After 132kv CB 432B emergency maintenance to power throw by CB 432B. Power flow to T-3 no forced load-shed.	
11:20	13:49	Barapukuria-Rangpur 132 kV Ckt-2 Forced S/D from Rangpur 132/33kV end Due to Red hot and from Barapukuria 230/132/33kV end Due to Red hot Maintenance.	
11:25	13:14	Barapukuria 230/132/33kV S/S 132 KV Bus A Scheduled S/D Due to Red hot maintenance.	
-	11:32	At Magura SS T-3 is Restored.	
12:00	-	Day peak generation=12359 MW.	
12:16	-	Bheramara 410 MW ST tripped.	55MW generation interrup.
-	12:22	Khulna 330 MW CCPP (OIL) GT was sync.	
-	12:22	Ghorashal GIS-Ghorashal GT3 230kV ckt switched on.	
-	13:53	Rampal unit 1 sync.	
-	15:34	Bheramara 410MW ST was sync.	
-	16:54	Sirajganj Unit-2 (HSD) GT was sync.	
-	17:50	Baghabari-Ishurdi 230 kV Ckt-1 is restored.	
-	17:51	Baghabari-Ishurdi 230 kV Ckt-2 is restored.	
-	20:30	Sirajganj Unit-2 ST was sync.	
20:55	-	Chhatak 132/33kV S/S T-2 LT Forced S/D Due to 33kv Bus Loop R phase.	
21:00	-	Evening Peak Gen. 15059 MW.	
-	21:20	Gopalganj(N)-Madaripur 132kV Ckt-3 is restored.	
-	21:20	Gopalganj(N)-Madaripur 132kV Ckt-3 is restored.	
22:30	-	Chhatak 132/33kV S/S T-2 HT Forced S/D Due to 33KV Bus loop Red Hot.	
6:25	7:51	Feni 132/33kV S/S T-1(405T) LT Forced S/D Due to Red hot maintenance work of BPDB 33kV bus isolator ofchowmohoni ckt-1. S/D taken by BPDB.	
6:25	7:51	Feni 132/33kV S/S T-1(405T) HT Forced S/D Due to Red hot maintenance work of BPDB 33kV bus isolator ofchowmohoni ckt-1. S/D taken by BPDB.	
6:40	-	Bhulta-Narsingdi 132 kV Ckt-1 Scheduled S/D from Bhulta 132/33kV end Due to Red hot remedy & Nut-bolt tightening and abnormal maintenance.	
6:40	-	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 Due to 230 kv Ruppur Dhamrai line stringing.	
6:41	-	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 Due to 230 kv Ruppur Dhamrai line stringing.	
7:00	-	Minimum Generation = 11,968 MW.	
7:09	-	Bhulta 132/33kV S/S GT1 HT Scheduled S/D Due to Red hot remedy & Nut-bolt tightening and abnormal maintenance.	15.0MW load interrup.
7:11	-	Goalpara 132/33kV S/S T-6 LT Scheduled S/D Due to Rectification work by khulna pbs.	
7:11	-	Goalpara 132/33kV S/S T-5 LT Scheduled S/D Due to Rectification work by khulna pbs.	
7:13	-	Goalpara 132/33kV S/S T-5 HT Scheduled S/D Due to Rectification work by khulna pbs.	
7:20	-	Goalpara 132/33kV S/S T-6 HT Scheduled S/D Due to Rectification work by khulna pbs.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle