

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

Reporting Date : 29-Sep-23

W the maximum generation is : -

15648.0

21:00 Hrs on 19-Apr-23

The Summary of Yesterday's		28-Sep-23 Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	12235.0 MW	Hour :	12:00	Min. Gen. at	8:00
Evening Peak Generation :	14539.0 MW	Hour :	21:00	Available Max Generation :	17091
E.P. Demand (at gen end) :	14700.0 MW	Hour :	21:00	Max Demand (Evening) :	14700
Maximum Generation :	14539.0 MW	Hour :	21:00	Reserve(Generation end)	2391
Total Gen. (MKWH) :	312.485	System Load Factor	89.55%	Load Shed	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

from East grid to West grid :- Maximum	720 MW	at	20:00	Energy	
from West grid to East grid :- Maximum	MW	at	-	Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A M on 29-Sep-23	108.12	FL(MSL)	Rule curve :	105.52	FL(MSL)
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Gas Consumed :	Total =	1088.16	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	

Consumed Fuel (PDB+Pvt) :	Gas :	Tk157,251,222			
	Coal :	Tk741,270,758		Oil :	Tk485,779,374
				Total :	Tk1,384,301,354

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	
Dhaka	0	0:00	4922	0	0%
Chittagong Area	0	0:00	1355	0	0%
Khulna Area	0	0:00	1898	0	0%
Rajshahi Area	0	0:00	1650	0	0%
Cumilla Area	25	0:00	1358	0	0%
Mymensingh Area	100	0:00	1010	0	0%
Sylhet Area	29	0:00	566	0	0%
Barisal Area	0	0:00	472	0	0%
Rangpur Area	0	0:00	923	0	0%
Total	154		14154	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) Raocan unit-2 6) Siddhirganj 210 MW .

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:13	10:25	Bogura 132/33kV S/S Transformer-3 LT Scheduled S/D Due to Junction point tightening work.	30.0MW load interrup.
8:13	10:25	Bogura 132/33kV S/S Transformer-3 HT Scheduled S/D Due to Junction point tightening work	30.0MW load interrup.
-	8:23	Sylhet 132/33kV S/S T4 LT is restored.	
8:38	-	Siddhirganj GT GT-2 was sync.	
-	9:26	Ashuganj 420 MW CAPP (East) GT was sync.	
-	9:27	Jamalpur 132/33kV S/S T-1 HT is restored.	
-	9:27	Jamalpur 132/33kV S/S T-2 HT is restored.	
-	9:27	Jamalpur 132/33kV S/S T-2 LT is restored.	
-	9:27	Jamalpur 132/33kV S/S T-1 LT is restored.	
9:31	20:01	Mirsora 230/33kV S/S TR-1, 718T HT Project Work S/D Due to EGCB Bay Extension Project work.	
10:10	11:28	Madanganj 132/33kV S/S Madanganj -Summit 55 MW 132 kv Ckt Forced S/D Due to Emergency Red hot maintenance.	
12:00	-	Day peak generation 12235 MW.	
-	12:20	Siddhirganj 230/132kV S/S MTR 2 HT is restored.	
-	12:27	Siddhirganj 132/33kV S/S 132kV MTR 2 is restored.	
13:10	-	Sylhet 132/33kV S/S T4 LT Tripped showing OC relays Due to Over load.	
14:56	15:15	Faridpur 132/33kV S/S Transformer-3 HT Tripped showing 33 KV Over Current. relays Due to 33 Kv Line fault.	6.0MW load interrup.
14:56	-	Faridpur 132/33kV S/S Transformer-3 LT Tripped showing O/C, E/F. relays Due to 33 Kv line Fault.	6.0MW load interrup.
-	15:01	Ashuganj 420 MW CAPP (East) ST was sync.	
15:25	15:50	Faridpur 132/33kV S/S Transformer-3 HT Tripped showing No Relay. relays Due to 33 Kv Breaker Fault. T3- CB, open.	
17:22	-	Mirpur-Uttara 3PH 132kV Ckt-1 Tripped from Mirpur 132/33kV end showing Main Protection Relay Trip. relays Due to Red Phase CT Burst.	76.0MW load interrup. Mirpur 132/33kV end
17:22	-	About 70 MW interruption was occurred under Uttara 3rd Phase from 17:22 to 17:54 hrs. as Red phase, CT, of Mirpur - Uttara 3rd Phase Line at Mirpur end got burst.	
21:00	-	Evening peak generation 14539 MW.	
21:11	22:19	Chauddagram 132/33kV S/S 132 kv T-1 LT Forced S/D Due to Red hot restoration work .	28.0MW load interrup.
21:11	22:19	Chauddagram 132/33kV S/S 132 kv T-1 HT Forced S/D Due to Red hot restoration work at 33KV bus DS side loop.	28.0MW load interrup.
21:57	-	Hathazari-Kaptai 132kV Ckt-2 Tripped from Hathazari 230/132/33kV end showing Main relay/Siemense relays Due to Trip by Distence.	
6:08	-	Sirajganj 132/33kV S/S T4-(445) LT Project Work S/D Due to To Changed T-3 & T-4 33KV BUS Section work.	20.0MW load interrup.
6:08	-	Sirajganj 132/33kV S/S T3-(435) LT Project Work S/D Due to To Changed T-3 & T-4 33KV BUS Section work.	18.0MW load interrup.
6:10	-	Sirajganj 132/33kV S/S T3-(435) HT Project Work S/D Due to To Changed T-3 & T-4 33KV BUS Section work.	
6:10	-	Sirajganj 132/33kV S/S T4-(445) HT Project Work S/D Due to To Changed T-3 & T-4 33KV BUS Section work.	
6:22	-	Ashuganj 230/132/33kV S/S 132 kv Busbar-2 Scheduled S/D Due to OAT-12(132kv side) Bus isolator-2 alignment problem.	
6:25	-	Ashuganj 230/132/33kV S/S TR-OAT-12 LT Scheduled S/D Due to OAT-12(132kv side) Bus isolator-2 alignment problem.	
6:26	-	Ashuganj 230/132/33kV S/S TR-OAT-12 HT Scheduled S/D Due to OAT-12(132kv side) Bus isolator-2 alignment problem.	
6:38	-	Rangpur 132/33kV S/S T-2 (404T) HT Forced S/D Due to WORKS FOR 33 KV BUS.	55.0MW load interrup.
6:38	-	Rangpur 132/33kV S/S T-1(414T) HT Forced S/D Due to WORK FOR 33 KV BUS.	55.0MW load interrup.
6:42	-	Keranigonj 230/132/33kV S/S Lalbagh-3 Scheduled S/D Due to High temperature maintenance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle