

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

QF-LDC-08

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Reporting Date : 13-Sep-18

Till now the maximum generation is :-

11387.0

22:00

Hrs

on 18-Jul-18

**The Summary of Yesterday's**

12-Sep-18		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	8852.4 MW	12:00		Min. Gen. at	7:00 6892 MW
Evening Peak Generation :	10625.0 MW	19:00		Available Max Generation :	12490 MW
E.P. Demand (at gen end) :	10625.0 MW	19:00		Max Demand (Evening) :	11000 MW
Maximum Generation :	10625.0 MW	19:00		Reserve(Generation end)	1490 MW
Total Gen. (MKWH) :	217.3	System Load Factor	: 85.23%	Load Shed	: 0 MW

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :- Maximum	-420 MW	at	14:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at	Energy	- MKWHR.

Water Level of Kaptai Lake at 6:00 A M on

13-Sep-18

Actual : 104.38 Ft.(MSL) , Rule curve : 101.76 Ft.(MSL)

Gas Consumed :	Total =	1153.76 MMCFD.	Oil Consumed (PDB) :		
				HSD :	Liter
				FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk101,326,632	Oil :	Tk471,353,081	Total : Tk572,679,712
	Coal :	Tk0			

**Load Shedding & Other Information**

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end) MW	MW	Estimated Shedding (S/S end) MW	
Dhaka	0	0:00	3907	0	0%
Chittagong Area	0	0:00	1328	0	0%
Khulina Area	0	0:00	1190	0	0%
Rajshahi Area	0	0:00	1075	0	0%
Cornilla Area	0	0:00	972	0	0%
Mymensingh Area	0	0:00	784	0	0%
Sylhet Area	0	0:00	439	0	0%
Barisal Area	0	0:00	202	0	0%
Rangpur Area	0	0:00	605	0	0%
<b>Total</b>	<b>0</b>	<b>0:00</b>	<b>10501</b>	<b>0</b>	<b>0%</b>

Information of the Generating Units under shut down.

**Planned Shut- Down**

Nil

**Forced Shut- Down**

- 1) Barapukuria ST: Unit-1,2,3
- 2) Khulna ST 110 MW
- 3) Ghorasal Unit-4,
- 4) Baghabari 100 MW
- 5) Tongi GT
- 6) Chittagong Unit-1
- 7) Baghabari-71 MW
- 8) Ashuganj Unit-3
- 9) Haripur GT-1

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

**Description**

**Comments on Power Interruption**

- a) Sirajganj Unit-4 was synchronized at 09:07 for test purpose.
- b) Sirajganj Unit-1 STG tripped at 10:47 due to steam line valve problem.
- c) Uttara 132/33 kV T1 transformer was under shut down from 11:02 to 13:42 for Protection work.
- d) Tongi-Uttara 132 kV Ckt was shut down at 09:05 for D/W.
- e) Ishurdi-Bheramarra 132 kV Ckt-2 was under shut down from 11:57 to 12:54 due to B-phase isolator red hot at Ishurdi end.
- f) Jamalpur 132/33 kV T1 transformer tripped at 11:50 due to oil level low at 132 kV side. About 10 MW Power interruption occurred under Jamalpur S/S area from 11:50 to 16:50.
- g) Naogaon 132/33 kV T1 transformer was under shut down from 07:15 to 09:40 for 33 R-phase isolator red hot. About 33 MW Power interruption occurred under Naogaon S/S area from 07:15 to 09:40.
- h) Siddhirganj GT-1 was synchronized at 11:09.
- i) After maintenance Meghnaghat GT-1 & ST were synchronized at 13:13 & 16:06 respectively.
- j) Bhola CAPP STG synchronized at 14:04 and tripped at 21:22 due to condenser water level high.
- k) Sirajganj 225 MW Unit-1 STG was synchronized at 15:00.
- l) Khulna(S)-Satkhira 132 kV Ckt-1 tripped at 15:15 showing dist., E/F at Khulna(S) end & dist Z1 at Satkhira end and was switched on at 15:26.
- m) Gallamari 132/33 kV T1 & T2 transformers tripped at 15:53 showing O/C and were switched on at 16:04 & 16:05 respectively. About 42 MW Power interruption occurred under Gallamari S/S area from 15:53 to 16:04.
- n) Chattak-Sunamganj 132 kV Ckt tripped at 19:26 from Chattak end showing dist Z1 R. About 17 MW Power interruption occurred under Sunamganj S/S area from 19:26 to 19:55.
- o) Chowmohoni 33 kV bus-1 associated 132/33 kV T1 transformer was shut down from R-phase isolator red hot at 33 kV Lakshipur feeder. About 45 MW Power interruption occurred under Chowmohoni S/S area from 17:27 to 18:17.
- p) After maintenance Ghorasal Unit-7 was synchronized at 18:55.
- q) Bogura-Naogaon 132 kV Ckt-2 tripped at 00:19(13/09/2018) from Naogaon end showing dist Z1 R. About 85 MW Power interruption occurred under Naogaon, Niamotpur & Joypurhat S/S areas from 00:19 to 00:55 (13/09/2018).
- r) Bogura(New)-Bogura (old) 132 kV Ckt-1,2 tripped at 00:59(13/09/2018) due to B-phase isolator red hot at Bogura(Old) end & Ckt-1 was switched on at 02:16. At the same time 230/132 kV Ckt-1 & 2 tripped and were switched on at 02:20, 02:22 & 09:38 respectively. About 385 MW Power interruption occurred under Bogura, Naogaon & Lalmonirhat, Joypurhat, Rangpur, Niamatpur, Polashbari & Saidpur S/S areas from 00:59 to 02:16.
- s) Natore-Bogura 132 kV Ckt-1 & 2 tripped at 00:59(13/09/2018) from Natore end showing dist CAT,CE,CD, Z2, & E/F and were switched on at 02:26.
- t) Sirajganj-Bogura 132 kV Ckt-1 & 2 tripped at 00:59 (13/09/2018) from Sirajganj end showing SOTF of Ckt-1 & dist Z2 C-phase of Ckt-2 and were switched on at 02:12.
- u) Bogura 132 kV main bus tripped at 00:59(13/09/2018) showing bus protection operated(Auxiliary bus was death) and was switched on at 02:16.
- v) Barapukuria 230/132 kV T01 transformer tripped at 00:59 (13/09/2018) from both sides showing O/C, L/O at 132 kV side & without relay at 230 kV side(operated by Power plant) and was switched on at 02:15.
- w) Kaliakoir-Tangail 132 kV Ckt-1,2 tripped at 05:36(13/09/2018) from Tangail end showing dist Z1 R. About 40 MW Power interruption occurred under Tangail S/S area from 05:36 to 05:42(13/09/2018).
- x) Goalpara-Bagherhat 132 kV Ckt-2 was shut down at 06:25(13/09/2018) for D/W.
- y) Gopalganj 132/33 kV T2 transformer was shut down at 07:21(13/09/2018) for C/M.
- z) Julda 132 kV bus was shut down from (07:05 to 09:40 9/13/09/2018) for C/M. About 20 MW Power interruption occurred under Julda S/S area from 07:05 to 09:40(13/09/2018).
- aa) Munshiganj 132/33 kV T2 transformer was under shut down from 07:10 to 08:30 (13/09/2018). About 20 MW Power interruption occurred under Munshiganj S/S area from 07:10 to 08:30(13/09/2018).

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Dispatch Circle