

# POWER GRID COMPANY OF BANGLADESH LTD.

## NATIONAL LOAD DESPATCH CENTER

### DAILY REPORT

Reporting Date : 7-Sep-16

Till now the maximum generation is :- **9036 MW**

**21:00**

**Hrs on 30-Jun-16**

The Summary of Yesterday: 6-Sep-16		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	: 7111.0	MW	12:00	Min. Gen. at	7:00 6706
Evening Peak Generation	: 8304.0	MW	21:00	Max Generation	: 8795
E.P. Demand (at gen end)	: 8700.0	MW	21:00	Max Demand (Evening)	: 8900
Maximum Generation	: 8325.0	MW	20:00	Shortage (Generation end)	105
Total Gen. (MKWH)	: 179.2	System L/ Factor	: 89.71%	Load Shed	: 99

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

Export from East grid to West grid :- Maximum	-80	MW	at 16:00	Energy	7.867
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-

Water Level of Kaptai Lake at 7-Sep-16

Actual : 103.31 Ft.(MSL) , Rule curve : 100.38 Ft.(MSL)

Gas Consumed : Total 1038.55 MMCFD.

Oil Consumed (PDB) :

HSD :

FO :

Cost of the Consumed Fuel (f Gas : Tk75,497,416

Coal : Tk15,741,793

Oil : Tk541,282,581

Total : Tk632,521,790

#### Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	(19:05 to 24:10)		Estimated Shedding (S/S end)	MW	
Dhaka	147	(19:05 to 24:10)	3382		20	-
Chittagong Area	40	(19:05 to 24:10)	955		15	-
Khulna Area	46	(19:05 to 24:10)	975		18	-
Rajshahi Area	44	(19:05 to 24:10)	940		18	-
Comilla Area	28	(19:05 to 24:10)	695		5	-
Mymensingh Area	20	(19:05 to 24:10)	530		6	-
Sylhet Area	-	0:00	345		5	-
Barisal Area	7	(19:05 to 24:10)	186		3	-
Rangpur Area	24	(19:05 to 24:10)	520		9	-
<b>Total</b>	<b>356</b>		<b>8528</b>		<b>99</b>	

Information of the Generating Units under shut down.

Planned Shut- Down

Nil

Forced Shut- Down

- 1) Ghorasal ST: Unit-6 (18/07/2016) Ghorasal Unit-5
- 2) Chittagong ST: Unit-1 11) Meghnaghat 450 MW
- 3) Ashuganj CCPP 225 MW 12) Rangpur 20 MW
- 4) Khulna ST 110 MW (04/11/2016) 13) Chandpur CCPP ST
- 5) Kaptai Hydro: Unit-5 14) Sylhet 20 MW GT
- 6) Siddhirgonj ST
- 7) Bhola GT-2
- 8) Baghabari 100 MW
- 9) Haripur SBU GT-1, 2,3

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

#### Description

#### Comments on Power Interruption

- a) Nator 132/33 kV T4 transformer was shut down from 08:58 to 09:22 due to radiator gate valve leakage.
- b) Bhandaria 132/33 kV T1 transformer was under shut down from 09:31 to 11:55 due to oil leakage at 33 kV CT terminal.
- c) Jessore 33 kV Bus-1 was shut down from 08:56 to 09:27 for red hot maintenance. About 30 MW power interruption occurred under Jessore S/S area from 08:56 to 09:27.
- d) Bogra-Natore 132 kV Ckt-1 & 2 tripped at 18:02 from both end showing Dist. Z2, Z3, B-phase at Bogra end and Dist. CAT, CE, CD, U/V relays at Nator end and was switched on at 18:20, 18:23 respectively.
- e) Bogra-Natore 132 kV Ckt-1 & 2 tripped at 01:25(07/09/2016) from both end showing Dist. Z2, Z3, B-phase at Bogra end and Dist. CAT, CE, CD, U/V relays at Nator end and was switched on at 01:37, 01:41(07/09/2016) respectively.
- f) Naogaon-Joypurhat 132 kV Ckt tripped at 01:25(07/09/2016) showing Dist. A, B, C & Z1 relays at Naogaon end and was switched on at 02:01.
- g) Ashuganj-Comilla(N) 230 kV Ckt-1 tripped at 06:26(07/09/2016) from both end showing DC voltage fail at Ashuganj end & AC supply fail at Comilla(N) end.

**Sub Divisional Engineer**  
Network Operation Division

**Executive Engineer**  
Network Operation Division

**Superintendent Engineer**  
Load Dispatch Circle

Page 1 of 7