

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

Till now the maximum generation is :-		9036 MW	21:00	Hrs on	30-Jun-16	Reporting Date : 31-Jul-16
The Summary of Yesterday		30-Jul-16	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	:	7080.0	MW	Hour :	12:00	Min. Gen. at 7:00 6174
Evening Peak Generation	:	7984.0	MW	Hour :	21:00	Max Generation : 8770
E.P. Demand (at gen end)	:	8300.0	MW	Hour :	21:00	Max Demand (Evening) : 8600
Maximum Generation	:	8035.0	MW	Hour :	19:00	Reserve (Generation end) 170
Total Gen. (MKWH)	:	173.7	System L/ Factor	:	90.08%	Load Shed : 0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	-360	MW	at 18:30	Energy	7.867
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-

Water Level of Kaptai Lake at 31-Jul-16		Rule curve :	88.83	Ft.(MSL)
Actual :	95.00	Ft.(MSL) ,		

Gas Consumed : Total 1059.75 MMCFD. Oil Consumed (PDB) :

HSD :
FO :

Cost of the Consumed Fuel (PI)
Gas : Tk84,983,996
Coal : Tk7,343,566
Oil : Tk416,996,316
Total : Tk509,323,878

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today Estimated Shedding (S/S end)		Rates of Shedding (On Estimated Demand)
	MW		MW		MW		
Dhaka	-	0:00	3148		-		-
Chittagong Area	-	0:00	880		-		-
Khulna Area	112	(20:02-23:58)	890		-		-
Rajshahi Area	104	(20:02-23:58)	860		-		-
Comilla Area	-	0:00	649		-		-
Mymensingh Area	-	0:00	493		-		-
Sylhet Area	-	0:00	315		-		-
Barisal Area	18	(20:02-23:58)	172		-		-
Rangpur Area	50	(20:02-23:58)	480		-		-
Total	284		7887		0		

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
Nil	1) Ghorasal ST: Unit-6 (18/07/2016) 10) Ghorasal ST: Unit-4 2) Ashuganj ST: Unit-1 11) Baghabari GT 71MW 3) Ashuganj CCFP 225 MW 12) Haripur GT-1 & 2. 4) Khulna ST 110 MW (04/11/2014) 5) Kaptai Hydro: Unit-5, 6) Haripur GT- 3 7 Bhola GT-2 8) Meghnaghat 450 MW(24/04/2016) 9) Sikabaha 60MW (23/11/15)

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

Description	Comments on Power Interruption
a) Bottail 132/33 kV T1 & T2 transformers tripped at 08:47 from 33 kV sides showing inst E/F. Kumarkhali feeder fault and was switched on at 08:50.	About 60 MW power interruption occurred under Bottail S/S area from 08:47 to 08:50.
b) Bhandaria 33 kV bus was under shut down from 08:13 to 09:14 due to string of 33 kV Motor feeder got snapped .	About 15 MW power interruption occurred under Bhandaria S/S area from 08:13 to 09:14.
c) Ashuganj -Sirajganj 230 kV Ckt-2 was under shut down from 10:07 to 21:40 due to isolator side clamps of Y-phase loop got opened.	
d) Amnura 132/33 kV T1 transformer was under shut down from 10:05 to 12:42 for oil leakage maintenance from 33 kV bushing.	About 20 MW power interruption occurred under Amnura S/S area from 10:05 to 12:42.
e) Ashuganj (S) 230/132 kV T1 transformer was under shut down from 10:05 to 12:42 for oil leakage maintenance	
f) Dohazari-Cox's bazar 132 kV Ckt-2 tripped at 10:58 from both sides showing dist Z1 b-phase only at Dohazari end and was switched on at 17:21.	
g) Khulna(S)-Satkhiria 132 kV Ckt tripped at 21:07 from Khulna end showing dist E/F and was switched on at 21:40.	About 65 MW power interruption occurred under Satkhira S/S area from 21:07 to 21:40.
h) Haripur AES 360 MW tripped at 21:24 due to unit transformer problem.	
i) Feni 132/33 kV T1 transformer was under shut down from 21:31 to 21:37 due to 33 kV B-phase incoming CB gas leakage	
j) Siddhirganj 210 MW ST tripped at 03:40(31/07/2016).	
k) Haripur 230/132 kV TR2 transformer tripped at 03:30 (31/07/2016) showing DFR,87T LOR,86L relays.	
l) Haripur 230/132 kV TR1 transformer was under shut down from 03:48 to 07:55 (31/07/2016) for kill the fire of TR2 transformer.	
m) After maintenance Ghorasal Max 78 MW synchronized at 02:48(31/07/2016).	
n) Khulna 150 MW GT was synchronized at 00:37(31/07/2016).	
o) Haripur 230 kV Bus-2 was shut down at 03:45 (31/07/2016).	
p) Madanganj 55 MW tripped at 03:24 (31/07/2016).	
q) Saidpur 132/33 kV T2 transformer was under shut down from 06:30 to 06:58 (31/07/2016) for red hot maintenance .	About 7 MW power interruption occurred under Saidpur S/S area from 06:30 to 06:58(31/07/2016).
r) Manikganj 132/33 kV T2 transformer & 33 kV bus was under shut down from 07:10 to 07:52 (31/07/2016) for maintenance work.	About 15 MW power interruption occurred under Manikganj S/S area from 07:10 to 07:52(31/07/2016).
s) Haripur S/S-Haripur AES was shut down at 03:58 (31/07/2016) for P/S side work.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Dispatch Circle