

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

QF-LDC-08
Page -1

Till now the maximum generation is :- **5243.5 MW** at **22:00** Hrs on **29-Aug-11** Reporting Date : 30-Aug-11

The Summary of Yesterday's (29-Aug-11)		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	4590.0	MW	Hour : 11:00	Min. Gen. at 7:00	3910 MW
Evening Peak Generation :	5167.0	MW	Hour : 21:00	Max Generation :	5180 MW
E.P. Demand (at gen end) :	5550.0	MW	Hour : 21:00	Max Demand :	5500 MW
Maximum Generation :	5243.5	MW	Hour : 22:00	Shortage :	320 MW
Total Gen. (MKWH) :	110.02	System L/ Factor :	85.41%	Load Shed :	290 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	700	MW	at 24:00	Energy	13.376	MKWHR.
Import from West grid to East grid :-	Maximum	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lake at 6:00 A M on 30-Aug-11							
Actual :	103.47	Ft.(MSL) ,	Rule curve :	98.34	Ft.(MSL)		

Gas Consumed : Total 795.83 MMCFD. Oil Consumed (PDB) : HSD : Liter
FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) : Gas : Tk63,550,201
Coal : Tk8,263,238 Oil : Tk246,555,383 Total : Tk318,368,822

Load Shedding & Other Information

Area	Yesterday		Today		
	MW		Estimated Demand(s/s end) from 10:00	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	116	(18:40-00:00)	1960	97	5%
Chittagong Area	99	(18:40-23:20)	529	36	7%
Khulna Area	29	(18:40-22:57)	596	41	7%
Rajshahi Area	26	(18:40-22:05)	540	40	7%
Comilla Area	24	(18:40-22:56)	395	28	7%
Mymensing Area	24	(18:40-22:05)	292	20	7%
Sylhet Area	14	(18:40-21:10)	270	-	-
Barisal Area	5	(18:40-23:45)	95	7	7%
Rangpur Area	10	(18:40-22:05)	300	21	7%
Total	347	21:00	4977	290	

Information of the Generating machines under shut down.

Planned Shut- Down	Forced Shut- Down
1) Haripur SBU GT-3 (18/06/09)	1) Ghorasal 6(18/07/10)
2) Ghorasal 2(26/04/10)	9) Ashuganj #2(29/7/11)
3) Siddhirganj GT-1 (18/06/10)	2) Ashuganj-1(09/11/10)
5) Kaptai #3 (1/12/10)	10) Sikalbaha GT 150 MW (13/7/11)
	3) Raozan-2 (26/03/11)
	11) Sikalbaha ST(21/8/11)
	4) WMPL #2(1/8/11)
	12) Shahjibazar #5 & 6(21/7/11)
	5) Bhola RPP (18/7/11)
	6) Siddhirganj ST 210 MW (1/8/11)
	7) Sylhet-20(26/7/11)
	8) WMPL #1(21/7/11)

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

Description	Forced load shaded / Interrupted Areas
a) There was generation shortage in the evening peak hour yesterday.	So about 347 MW (21:00) of load shed was imposed over the whole areas of the national grid .
b) Hasnabad 230/132 kV Tr-3 transformer was under shut down from 11:18 to 12:50 due to CT problem.	
c) Siddhirganj PP GT-1 tripped at 12:08 due to auxiliary busbar problem and was synchronized at 16:37.	
d) 132 kV Kulshi-Baraulia Ckt-2, Kulshi-Madanhat Ckt-1 & 2, Kulshi-Abul Khair Ckt, Madanhat-Sikalbaha Ckt, TK Chemical-Sikalbaha and Kaptai #2 tripped at 13:17 due to 132 kV breaker problem at Abul Khair S/S. Lines were switched on at 13:44, 13:35, 13:32, 13:44, 13:40, 14:03 respectively and machine was synchronized at 16:32.	Power interruption occurred (about 370 MW) under Kulshi, Halishahar, Julda Sikalbaha, Bakulia, Dohazari & Cox's Bazar S/S areas from 13:17 to 13:32..
e) Baraulia-Kulshi 132 kV Ckt-2 again tripped at 13:58 showing E/F and was switched on at 14:06.	
f) Hathazari 230/132 kV MT-4 tripped at 13:20 showing E/F, OC relay and was switched on at 14:20.	
g) Bheramara-Faridpur 132 kV Ckt-1 & 2 tripped at 15:23 from both end showing dist. protection OC, dist. DTEW relays and were switched on at 15:30 & 15:28 respectively.	Power interruption occurred (about 158.6 MW) under Madaripur, Barisal, Gopalganj, Faridpur S/S areas from 15:23 to 15:28.
h) After maintenance Ashuganj #4 was synchronized at 19:29. It again tripped at 19:37 and was synchronized at 20:58.	
i) Ashuganj CCPP GT-2 tripped at 23:46 due to instrument air pressure low and was synchronized at 01:53 (30/8/11).	
j) Khulna 110 MW was forced shut down at 23:12 due to air preheater problem.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle