

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

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Till now the maximum generation is :- **5243.5 MW** at **22:00** Hrs on **29-Feb-12** Reporting Date : 29-Feb-12

The Summary of Yesterday's (28-Feb-12)) Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	3746.0	MW	Hour : 12:00	Min. Gen. at 6:00	2918 MW
Evening Peak Generation :	4818.0	MW	Hour : 20:00	Max Generation :	4774 MW
E.P. Demand (at gen end) :	5500.0	MW	Hour : 20:00	Max Demand :	5450 MW
Maximum Generation :	4818.0	MW	Hour : 20:00	Shortage :	676 MW
Total Gen. (MKWH) :	91.76	System L/ Factor :	85.41%	Load Shed :	610 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	700	MW	at 6:00	Energy	10.753	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	-	MKWHR.

Actual : 84.07		Water Level of Kaptai Lake at 6:00 A M on 29-Feb-12		Rule curve : 93.15		Ft.(MSL)	
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Gas Consumed : Total	708.95	MMCFD.	Oil Consumed (PDB) :	HSD : Liter	FO : Liter
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Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk56,612,486	Coal : Tk10,180,987	Oil : Tk166,044,579	Total : Tk232,838,052
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Load Shedding & Other Information

Area	Yesterday		Today		
	MW	(18:05-Till Now)	Estimated Demand(s/s end) from 10:00	Estimated Shedding (s/s end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	234	(18:05-Till Now)	1860	193	10%
Chittagong Area	51	(18:05-01:00)	568	83	15%
Khulna Area	63	(18:05-Till Now)	585	83	14%
Rajshahi Area	71	(18:05-Till Now)	540	77	14%
Comilla Area	53	(18:05-Till Now)	370	53	14%
Mymensing Area	52	(18:05-Till Now)	310	42	14%
Sylhet Area	35	(18:05-20:05)	265	24	9%
Barisal Area	16	(18:05-Till Now)	115	14	12%
Rangpur Area	40	(18:05-Till Now)	305	41	13%
Total	615	20:00	4918	610	

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) 09) Ashuganj-3(10/11/11)
2) Ghorasal 2(26/04/10)	2) Ashuganj-1(09/11/10) 10) Khulna-110 MW(7/11/11)
3) Kaptai #3 (1/12/10)	3) Raozan-2 (26/03/11) 11) Sikalbaha 60 MW(16/11/11)
	4) WMPL #2(1/8/11) 12) Raozan-1 (24/11/11)
	5) Bhola RPP (18/7/11) 13) Khulna-60 MW(24/1/12)
	6) Siddhirganj ST 210 MW (1/8/11) 14) Haripur SBU GT-2 (17/02/12)
	7) Sikalbaha GT 150MW (14/11/11) 15) Ghorasal-5(24/2/12)
	8) Shahjibazar #5 & 6(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 615 MW (20:00) of load shed was imposed over the whole areas of the national grid .
b) Due to low gas pressure HPL 360 MW, Siddhirganj 210 MW , Megnaghat 450 MW and Tongi 105 MW were limited to 262 MW, 44 MW, 390 MW and 50 MW respectively.	
c) Mirpur-Uttara 132kV Ckt was under shut down from 08:33 to 18:54 due to A/M.	Power interruption occurred (about 30 MW) under Khulna(C) S/S areas from 14:10 to 14:22.
d) Chandpur-Comilla(S) 132kV Ckt-1 was under shut down from 09:04 to 16:03 due to A/M.	
e) Haripur 230/132kV reserve bus was under shut down from 10:55 to 17:35 due to project work.	Power interruption occurred (about 20 MW) under Khulna(C) S/S areas from 06:03 to 11:50(29/2/12).
f) Haripur-Daudkandi 132kV Ckt-2 tripped at 13:05 from both end showing dist.Z1,BC relay at Haripur end & dist.Z1, auto recloser block relay at Daudkandi end and was switched on at 17:06.	
g) Haripur-Daudkandi 132kV Ckt-1 tripped at 13:13 from both end showing dist.Z1,AB relay at Haripur end & dist.Z1, main prot. trip relay at Daudkandi end and was switched on at 13:24.	Due to generation shortage, about 440 MW (09:00) of load shed has been running since morning (29/02/12) over the whole area (except- Sylhet) of the national grid.
h) Khulna @ 132/33 kV T1 & T2 transformer tripped at 14:10 due to 33kV Shiromoni-2 feeder fault and were switched on at 14:22.	
i) Baghabari 71MW was forced shut down at 21:21 due to lube oil leakage.	
j) Occurrence report of different S/S.(see attached sheet)	
k) Hasnabad 132/33 kV T2 & T6 transformer tripped at 06:03 showing O/C, E/F relays and were switched on at 11:50, 12:50(29/2/12) respectively.	

Deputy / Asstt. Manager
Network Operation Division

Manager
Network Operation Division

Deputy General Manager
Load Despatch Circle