

POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DESPATCH CENTER

DAILY REPORT

QF-LDC-08

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Till now the maximum generation is :-

9479 MW

21:00

Hrs

on

Reporting Date : 17-Sep-17

7-Jun-17

The Summary of Yesterday's

16-Sep-17

Generation & Demand

Today's Actual Min Gen. & Probable Gen. & Demand

Day Peak Generation	:	7958.0	MW	12:00	Min. Gen. at	7:00	7397	MW	
Evening Peak Generation	:	8984.0	MW	21:00	Max Generation	:	9901	MW	
E.P. Demand (at gen end)	:	8984.0	MW	21:00	Max Demand (Evening)	:	9900	MW	
Maximum Generation	:	9154.0	MW	0:00	Reserve(Generation end)	:	1	MW	
Total Gen. (MKWH)	:	197.3	System L/ Factor	:	89.82%	Load Shed	:	0	MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Maximum	-160	MW	at	10:00	Energy	7.867	MKWHR.
Import from West grid to East grid :-	Maximum	-	MW	at	-	Energy	-	MKWHR.

Water Level of Kaptai Lake at 6:00 17-Sep-17

Actual	:	108.73	Ft.(MSL)	Rule curve	:	102.68	Ft.(MSL)
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Gas Consumed : Total 993.23 MMCFD.

Oil Consumed (PDB) :

HSD	:		Liter
FO	:		Liter

Cost of the Consumed Fuel (PDB+)

Gas	:	Tk68,523,017						
Coal	:	Tk12,812,180	Oil	:	Tk598,482,444	Total	:	Tk679,817,641

Load Shedding & Other Information

Area	Yesterday	Estimated Demand (S/S end)	Today	Estimated Shedding (S/S end)	Rates of Shedding
	MW	MW		MW	(On Estimated Demand)
Dhaka	0	0:00	3484	0	0%
Chittagong Area	0	0:00	1202	0	0%
Khulna Area	0	0:00	985	0	0%
Rajshahi Area	0	0:00	936	0	0%
Comilla Area	0	0:00	924	0	0%
Mymensingh Area	0	0:00	754	0	0%
Sylhet Area	0	0:00	319	0	0%
Barisal Area	0	0:00	197	0	0%
Rangpur Area	0	0:00	572	0	0%
Total	0	9373		0	

Information of the Generating Units under shut down.

Panned Shut- Down	Forced Shut- Down
Nil	1) Ashuganj # 3 2) Kaptai Unit- 5 3) Khulna ST 110 MW (04/11/2014) 4) Ghorasal Unit-3,5 5) Baghabari 100 MW 6) Tongi GT 7) Chittagong Unit-1,2 8) Sikalbaha ST 9)Baghabari-71 MW 10) Meghnaghat CCGP 11) Sikalbaha Peaking GT 12) Meghnaghat CCGP GT-1

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

Description	Comments on Power Interruption
a) Sylhet 150 MW GT was synchronized at 08:52. b) Sikalbaha 225 MW CCGP STG was synchronized at 09:41 and again tripped at 12:23. c) HVDC Bheramara-Khulna (S) 230 kV Ckt-1 tripped at 11:43 from both end showing dist.relay and was switched on at 12:43. d) BSRM-AKSTML 230 kV Ckt tripped at 12:59 from both sides showing distance & E/F relay and was switched on at 13:06. e) Munshiganj-Madanganj 132 kV Ckt-1 was under shut down n from 10:08 to 15:45 for corrective maintenance. f) Ghorasal Max 230 kV Bay was under shut down n from 09:40 to 12:35 for project work. g) Feni-Hathazari 132 kV Ckt-1 tripped at 15:57 from both end showing dist.relay and was switched on at 16:13. h) Faridpur-Bheramara 132 kV Ckt-2 tripped at 18:54 showing dist.relay at Faridpur end and E/F relay at Bheramara end and was switched on at 00:26 (17/09/2017). i) Faridpur-Bheramara 132 kV Ckt-1 tripped at 18:54 from Bheramara end showing E/F relay and was switched on at 19:12. j) Faridpur-Madaripur 132 kV Ckt-2 tripped at 18:54 from Madaripur end showing dist.relay and was switched on at 19:19. k) Bogra-Palashbari 132 kV Ckt-1 tripped at 14:19 from Bogra end showing dist.relay and was switched on at 14:40. l) Rangpur-Palashbari 132 kV Ckt-1 tripped at 14:19 from Rangpur end showing K31 & K3272 dist.relay and was switched on at 14:40. m) Madunaghat S/S T1 main bus was under shut down n from 20:27 to 21:21 for red hot maintenance and was switched on at 20:27 to 21:21. n) Meghnaghat 450 MW GT-2 & ST were synchronized at 23:12 & 01:14 (17/09/2017) respectively. o) Hathazari 230/132 kV MT2 tripped at 23:21 due to explosion of Y-Phase bushing and got fire for safety of S/S all allied lines and transformers were switched off causes the isolation of Chittagong zone from the national grid. since then Chittagong zone was running on island mode. At the same time following machines also tripped.	About 70 MW power interruption occurred under Bheramara S/S area from 18:54 to 19:31 (17/09/2017). About 45 MW power interruption occurred under Palashbari S/S area from 14:19 to 17:00 (17/09/2017). About 15 MW power interruption occurred under Madunaghat S/S area from 20:27 to 21:21.

Machines Name	Load (MW)	Syn. Time	Remarks
Kaptai Unit-1,2,3,4	171	1:01,01:40,01:55,02:30	
Raozan RPCL	26	2:13	
Sikalbaha GT	222		
Dohazari	69	2:45	
Hathazari	77		
Julda	68	2:14	
Sikalbaha RPP	42	3:05	
ECPV	90	1:55	
Potenga	45	2:30	
Barapkunda	21	2:50	

About 830 MW generation outage from Chittagong zone.

p) Jamalpur 132/33 kV T1,T2,T3 & T4 transformers were shut down n at 05:26 (17/09/2017) due to development work.
 q) Bashundhara 132/33 kV T3 transformer tripped at 03:50 (17/09/2017) from 33 kV side showing diff.relay and was switched on at 10:30.

Sub Divisional Engineer

Executive Engineer

Superintendent Engineer

Network Operation Division

Network Operation Division

Load Dispatch Circle