

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 9212 MW
20:00 Hrs on 18-Apr-17 Reporting Date : 21-May-17

The Summary of Yest		20-May-17	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation	7400.0	MW	Hour :	12:00	Min. Gen. at	7:00	6625 MW
Evening Peak Generatic	8244.0	MW	Hour :	20:00	Max Generation	:	8830 MW
E.P. Demand (at gen en	8244.0	MW	Hour :	20:00	Max Demand (Evening)	:	8800 MW
Maximum Generation	8244.0	MW	Hour :	20:00	Reserve (Generation end)	:	30 MW
Total Gen. (MkWh)	179.1	System L/ Factor	:	90.52%	Load Shed	:	0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :-	Mk	-200	MW	at 23:00	Energy	7.867	MKWHR.
Import from West grid to East grid :-	Mk	-	MW	at -	Energy	-	MKWHR.
Water Level of Kaptai Lal 21-May-17							
Actual :	72.42	Ft.(MSL)	Rule curve :	78.20	Ft.(MSL)		

Gas Consum: Total	910.81	MMCFD.	Oil Consumed (PDB) :	HSD :	Liter
				FO :	Liter
Cost of the Consumed f	Gas :	Tk78,351,990	Oil :	Tk558,820,329	Total : Tk651,820,387
	Coal :	Tk14,648,067			

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding (S/S end)	MW	
Dhaka	0	0:00	3250		-	-	
Chittagong Ar	0	0:00	909		-	-	
Khulna Area	0	0:00	922		-	-	
Rajshahi Area	0	0:00	889		-	-	
Comilla Area	0	0:00	669		-	-	
Mymensingh ,	0	0:00	508		-	-	
Sylhet Area	0	0:00	326		-	-	
Barisal Area	0	0:00	178		-	-	
Rangpur Area	0	0:00	494		-	-	
Total	0		8145		0		

Information of the Generating Units under shut down.

Planned Shut- Down

Nil

Forced Shut- Down

- 1) Ghorasal ST: Unit-6 (18/07/2016) 9) Haripur SBU-2
- 2) Kaptai Unit- 5
- 3) Ashuganj ST: Unit- 1
- 4) Khulna ST 110 MW (04/11/2014)
- 5) Ghorasal Unit-1,5
- 6) Baghabari 100 MW
- 7) Tongi GT
- 8) Chittagong Unit-1 & 2
- 10) Sirajganj CCPP 210 MW
- 11) Tongi GT
- 12) Saidpur GT
- 13) Ashuganj CCPP(South)
- 14) Fenchugonj CCPP-2
- 15) Santahar Peaking

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

Description	Comments on Power Interruption
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- a) Haripur-Madanganj 132 kV Ckt was under shut down from 09:38 to 13:35 for red hot maintenance at Haripur end .
- b) Kaliakoir 400/132 kV T-2 transformer was under shut down from 09:24 to 17:05 for development work.
- c) Shyampur 132/33 kV GT-2 transformer was under shut down from 08:56 to 16:34 for corrective maintenance .
- d) Madaripur-Barisal 132 kV Ckt-2 was under shut down from 08:51 to 17:16 for corrective maintenance.
- e) Tangail 132/33 kV T-3 transformer was under shut down from 10:12 to 11:25 for red hot maintena About 25 MW Power interruption occurred under Tangail S/S areas from 10:12 to 11:25
- f) Sonargaon 132/33 kV T-2 transformer was under shut down from 10:32 to 11:42 for 33 kV CT Connection rearrangement.
- g) Sonargaon 132/33 kV T-1 transformer tripped at 11:14 showing directional O/C relay and was swi About 37 MW Power interruption occurred under Sonargaon S/S areas from 11:14 to 11:42
- h) HVDC Bheramara 11 kV feeder was shut down from 09:12 to 13:06 for maintenance work by WZPDCC.
- i) Khulna(s) busber-1 was under shut down from 12:55 to 16:38 for Mongla Ckt commissioning work.
- j) Joydevpur 132/33 kV T-2 transformer tripped at 12:44 showing O/C relay and was switched on at About 53 MW Power interruption occurred under Joydevpur S/S areas from 12:44 to 13:06
- k) Munshiganj 132/33 kV T-1 & T-2 transformer tripped at 13:59 showing O/C,E/F relay due to 33 kV About 80 MW Power interruption occurred under Munshiganj S/S areas from 13:59 to 14:14
- l) Mymensing 132/33 kV T-1 & T-2 transformer tripped at 19:29 due to 33 kV bus section isolator crac About 50 MW Power interruption occurred under Mymensing S/S areas from 19:29 to 20:01
- m) Barapukuria 132/33 kV T-5 transformer tripped at 14:41 showing O/C, E/F relay due to coal main feeder fault and was switched on at 14:56.
- n) Dohazari-Coxsbazar Ckt-2 tripped at 15:10 showing dist AB and was switched on at 15:23.
- o) Meghnaghat 230 kV S/S breaker # 835B & 838B were under shut down since at 16:35 due to Meghnaghat 450 MW ST unit transformer works.
- p) Chandpur 132/33 kV T1 & T2 transformer tripped at 18:18 due to 33 kV feeder fault and was switc About 86 MW Power interruption occurred under Chandpur S/S areas from 18:18 to 18:51
- q) Chatak 132/33 kV T2 transformer tripped at 18:51 showing O/C relay and was switched on at 18: About 17 MW Power interruption occurred under Chatak S/S areas from 18:51 to 18:55
- r) Ashuganj (N) 450 MW tripped at 17:20 due to boiler feed pump problem.
- s) Sikalbaha 225 MW was under shut down since at 21:19 due to fuel shortage.
- t) Bibiyana 341 MW was under shut down since at 21:19 due to fire at GT side collector end.
- u) Shahjibazar-Sreemongal 132 kV Ckt-1 & 2 tripped at 03:29(21/5/17) from both end showing dist ABC at srinangal end and were switched on at 03:56 & 03:59(21/5/17) respectively.
- v) Fenchuganj-Sreemongal 132 kV Ckt-1 & 2 tripped at 03:18(21/5/17) from both end showing dist ABC,Z1 from both end and were switched on at 04:01 & 04:06(21/5/17) respectively.
- w) Maniknagar-Bangabhaban 132 kV Ckt-1 tripped at 03:36 from Maniknagar end showing main protection.pilot wire protection and was switched on at 03:56(21/5/17).
- x) Bibiyana-Shahjibazar 132 kV Ckt-2 tripped at 02:53 from Bibiyana end showing Dist I-1,Z1 and was switched on at 04:14.
- y) Shyampur 33 kV bus section was shut down from 06:28 to 07:20 for red hot maint at 33 kV bisic feeder.
- z) Hasnabad 132/33 kV T-2 transformer was under shut down from 07:50 to 09:44(21/5/17) for red hot maintenance at 33 kV . Y phase bushing .
- AA) Mymensing -Jamalpur 132 kV Ckt-1 tripped at 00:57(21/5/17) from Mymensing end showing E/F relay.
- ab) Rangpur -Syedpur 132 kV Ckt-2 tripped at 02:30(21/5/17) from both end showing dist A at Rangpur end & dist RYB Z3 at Syedpur end and was switched on at 03:17(21/5/17).