

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 :-

11623 MW

19:30 Hrs on 19-Sep-18

Reporting Date : 19-Dec-18

The Summary of Yesterday's

18-Dec-18

Generation & Demand

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

Day Peak Generation :	6300.7 MW	Hour :	12:00	Min. Gen. at	5:00	4750 MW
Evening Peak Generation :	7865.0 MW	Hour :	18:00	Available Max Generation		12028 MW
E.P. Demand (at gen end) :	7865.0 MW	Hour :	18:00	Max Demand (Evening) :		6500 MW
Maximum Generation :	7865.0 MW	Hour :	18:00	Reserve(Generation end)		5528 MW
Total Gen. (MKWH)	141.5	System Load Factor :	74.99%	Load Shed		0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	-600 MW	at	20:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum	-	at	-	Energy	- MKWHR.

Water Level of Kaptai Lake at 6:00 A M on	19-Dec-18	Rule curve :	104.30	Ft.( MSL )
Actual :	99.01	Ft.(MSL) ,		

Gas Consumed :	Total =	1023.20	MMCFD.	Oil Consumed (PDB) :	
				HSD :	Liter
				FO :	Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk81,235,400			
	Coal :	Tk14,086,684	Oil :	Tk93,025,669	Total : Tk188,347,753

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	0:00	2310	0	0%
Chittagong Area	0	0:00	773	0	0%
Khulna Area	0	0:00	691	0	0%
Rajshahi Area	0	0:00	624	0	0%
Comilla Area	0	0:00	564	0	0%
Mymensingh Area	0	0:00	455	0	0%
Sylhet Area	0	0:00	270	0	0%
Barisal Area	0	0:00	118	0	0%
Rangpur Area	0	0:00	351	0	0%
Total	0		6155	0	

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
Nil	1) Barapukuria ST: Unit-1,2 2) Khulna ST 110 MW 3) Ghorasal Unit-2,3,4 4) Tongi GT 5) Haripur GT-1,2 6) Baghabari 100 MW 7) Siddhirganj ST 210 MW 8) Summit Bibiyana-2
	9) Bhagabari 71 MW 10) Raozan # 01 11) Sirajganj Unit-1,3,4

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

Description	Comments on Power Interruption
a) Ghorasal #7 was synchronized at 08:54. b) Shahmirpur 132/33 kV T-2 transformer was under shut down from 08:48 to 14:35 for A/M. c) Jamalpur 132/33 kV T-2 transformer was under shut down from 08:46 to 12:36 for A/M. d) Maniknagar 132/33 kV T-2 transformer was under shut down from 08:49 to 17:28 for A/M. e) Bagerhat 132/33 kV T-1 transformer tripped at 11:08 showing E/F relay due to 33 kV Moralganj feeder fault and was switched on at 11:15. f) Sirajganj-Baghabari- 230 kV Ckt-1 was under shut down from 08:53 to 13:26 for A/M. g) Rangpur-Saidpur 132 kV Ckt-1 was under shut down from 08:12 to 09:13 for C/M. h) After maintenance Shahjibazar-330 MW GT & ST were synchronized at 18:08 & 20:47 respectively. i) Hasnabad 230 kV Bus-1 was under shut down from 12:04 to 13:44 for C/M. j) Shahjibazar-Sreemongal 132 kV Ckt-1 was under shut down from 12:10 to 16:40 for A/M. k) After maintenance Ghorasal #5 was synchronized at 15:05. l) Siddhirganj-Haripur 132 kV Ckt-1 was shut down at 15:30 due to 132 kV main Bus maintenance work and was switched on at 17:50. m) Halishahar 132/33 kV T-1 & T-3 transformers tripped at 18:20 showing E/F relay and was switched on at 18:36. n) Ghorasal #4 was shut down at 16:59 for maintenance work. o) After restoration of gas Siddhirganj peaking GT-1 was synchronized at 15:41. p) Sikalbaha-150 MW was synchronized at 19:09 and tripped at 23:33 showing E/F relay and was synchronized at 00:34(19/12/2018). q) Aminbazar-Agargaon 230 kV Ckt-1 was under shut down from 20:37 to 20:52 for clearing birds nest. r) Hasnabad 230/132 kV TR-2 transformer LT side shut down at 00:58(19/12/18) for lowering voltage. s) Shahjibazar GT-8 is under shut down since 06:32(19/12/18) for filter change. t) Maniknagar 132/33 kV T-2 transformer is under shut down since 07:21(19/12/18) for D/W. u) Aminbazar-Hasnabad 230 kV Ckt-1 is under shut down since 07:50(19/12/18) for D/W.	About 20 MW power interruption occurred under Halishahar S/S area from 18:20 to 18:36.

Sub Divisional Engineer

Network Operation Division

Executive Engineer

Network Operation Division

Superintendent Engineer

Load Dispatch Circle