

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

QF-LDC-08
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Reporting Date : 31-Mar-18

Till now the maximum generation is :-

10084.0

19:30 Hrs on 19-Mar-18

The Summary of Yesterday's		30-Mar-18	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		6315.2 MW	Hour :	12:00	Min. Gen. at	7:00 1774 MW
Evening Peak Generation :		5487.0 MW	Hour :	21:00	Available Max Generation	10277 MW
E.P. Demand (at gen end) :		5487.0 MW	Hour :	21:00	Max Demand (Evening) :	7500 MW
Maximum Generation :		7815.0 MW	Hour :	1:00	Reserve(Generation end)	2777 MW
Total Gen. (MKWH) :		148.1	System Load Factor :	78.94%	Load Shed	0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum		-670 MW	at	3:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum		-			Energy	- MKWHR.
Water Level of Kaptai Lake at 6:00 A M on	31-Mar-18					
Actual :	89.76 Ft.(MSL) ,	Rule curve :	88.34	Ft.(MSL)		

Gas Consumed :	Total =	748.43 MMCFD.	Oil Consumed (PDB) :			
				HSD :		Liter
				FO :		Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk71,834,079				
	Coal :	Tk9,686,397	Oil :	Tk329,764,085	Total :	Tk411,284,561

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding	
	MW		MW		Estimated Shedding (S/S end)		(On Estimated Demand)	
Dhaka	0	0:00	2710		0		0%	
Chittagong Area	0	0:00	913		0		0%	
Khulna Area	0	0:00	816		0		0%	
Rajshahi Area	0	0:00	737		0		0%	
Comilla Area	0	0:00	666		0		0%	
Mymensingh Area	0	0:00	538		0		0%	
Sylhet Area	0	0:00	312		0		0%	
Barisal Area	0	0:00	139		0		0%	
Rangpur Area	0	0:00	415		0		0%	
Total	0		7244		0			

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
Nil	1) Barapukuria ST: Unit-1 2) Kaptai Unit- 5 3) Khulna ST 1: (04/11/14) 4) Ghorasal Unit-3,5 5) Baghabari 100 MW 6) Tongi GT 7) Chittagong Unit-1,2 8) Sirajganj #2 9) Baghabari-71 MW
	10) Ashuganj ST: Unit- 2,3 11) Sylhet 20 MW 12) Ashuganj (South)-ST

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

Description	Comments on Power Interruption
a) Hasnabad-Kamrangirchar 132 kV Ckt was under shut down from 08:38 to 12:33 for corrective maintenance. b) Ashuganj-Ghorasal 132 kV Ckt-2 was under shut down from 08:12 to 15:48 for corrective maintenance. c) New Tongi 132/33 kV T2 transformer was under shut down from 08:17 to 11:50 for corrective maintenance. d) Rampura 230/132 kV T2 transformer was under shut down from 08:47 to 11:33 for maintenance work. e) Polashbari 132/33 kV T2 transformer was under shut down from 10:20 to 13:35 for red hot maintenance. f) Maniknagar-Bangabhaban 132 kV Ckt-2 was under shut down from 09:17 to 12:58 for corrective maintenance. g) Haripur 230/132 kV T1 transformer was under shut down from 09:43 to 16:20 for development work. h) Naogaon-Neyamatpur 132 kV Ckt tripped at 13:58 showing dist.relay and was switched on at 14:05. i) Ashuganj-Comilla (N) 230 kV Ckt-1 tripped at 16:33 from both end showing dist.relay and was switched on at 16:40. j) Aminbazar-Mirpur 132 kV Ckt-2 tripped at 16:55 from both end showing dist.relay and was switched on at 17:39. k) Hasnabad-Lalbag 132 kV Ckt tripped at 17:05 from both end showing dist.relay and was switched on at 17:18. l) Tongi-Kabirpur 132 kV Ckt-1 & 2 tripped at 16:32 from Tongi end showing dist.relay and were switched on at 17:12. m) Haripur-Shyampur 132 kV Ckt tripped at 17:25 from Haripur end showing dist.relay and was switched on at 19:26. n) Hasnabad-Shyampur 132 kV Ckt tripped at 17:25 from Haripur end showing dist.relay and was switched on at 17:57. o) Chandpur-Comilla (N) 132 kV Ckt-1 & 2 tripped at 17:50 from both end showing dist.relay and were switched on at 18:12 & 14:38 respectively. p) Summit Meghnaghat GT-1 was shut down at 17:27 due to abnormal frequency. q) Maniknagar 230 kV S/S Auto transformer-2 tripped at 17:04 showing protection trip and CB lock-out and was switched on at 18:49. r) Ishurdi-Bheramara 132 kV Ckt-1 & 2 tripped at 05:00 (31/03/2018) from Bheramara end showing O/V relay at Bheramara end and was switched on at 07:52 (31/03/2018). s) Rain & thunder storm was occurred all over the country. This is why, system demand was extremely low. Due to Ishurdi-Bheramara 132 kV Ckt tripping Khulna zone was out of power from 04:59 to 07:52 (31/03/2018). HVDC along with all the machines in Khulna zone were tripped. Extreme high voltage (257 kV & 158 kV) observed in Ishurdi S/S. Due to this, restoring was a bit delayed. No CB's were being closed due to high voltage. At the same time Barapukuria Unit-1 & 2, Ashuganj (N), Ashuganj (S), Ashuganj 225 MW, Shikalbaha 150 MW, Summit Meghnaghat, Summit Bibiyana 341 MW were tripped.	Power interruption occurred (about 45 MW) under Lalbag S/S areas from 17:05 to 17:18. Power interruption occurred (about 10 MW) under Manikganj S/S areas from 16:32 to 17:12. Power interruption occurred (about 673 MW) under Khulna & Barisal zone from 04:59 to 07:52 (31/03/2018).

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Dispatch Circle