POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER

DAILY REPORT

Till now the maximum generation is: 10137.0 21:00 Hrs on 24-Apr-18 The Summary of Yesterday's 15-May-18 Generation & Demand 7952.0 MW Today's Actual Min Gen. & Probable Gen. & Demand Hour: 12:00 4864 MW Day Peak Generation Min. Gen. at 6:00 Evening Peak Generation 9313.0 MW Hour: 21:00 Available Max Generation 11554 MW E.P. Demand (at gen end) 9313.0 MW Hour: 21:00 Max Demand (Evening) 9600 MW Maximum Generation 9313.0 MW Hour: 21:00 Reserve(Generation end) 1954 MW Total Gen. (MKWH) 191.2 1.2 System Load Factor : 85
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR 85.55% Load Shed 0 MW

Export from East grid to West grid :- Maximum -660 MW Energy Import from West grid to East grid :- Maximum

Water Level of Kaptai Lake at 6:00 A M on Energy MW 16-May-18

Tk10,722,042

Actual: 82.21 Ft.(MSL) Rule curve : 79.34 Ft.(MSL)

> HSD Liter Liter

16-May-18

OF-LDC-08

MKWHR.

MKWHR.

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Cost of the Consumed Fuel (PDB+Pvt) : Gas Tk80,355,449 Coal

: Tk463,670,596 Total: Tk554,748,087

Reporting Date :

Load Shedding & Other Information

889.47 MMCFD.

Area	Yeste	rday		Today	
			Estimated Demand (S/S end)	Estimated Shedding (S/S end)	Rates of Shedding
	MW		MW	MW	(On Estimated Demand)
Dhaka	0	0:00	3377	0	0%
Chittagong Area	0	0:00	1144	0	0%
Khulna Area	0	0:00	1024	0	0%
Rajshahi Area	0	0:00	925	0	0%
Comilla Area	0	0:00	836	0	0%
Mymensingh Area	0	0:00	675	0	0%
Sylhet Area	0	0:00	383	0	0%
Barisal Area	0	0:00	174	0	0%
Rangpur Area	0	0:00	520	0	0%
Total	0		9059	0	

Information of the Generating Units under shut down.

Planned Shut- Down

Forced Shut-Down

- 1) Barapukuria ST: Unit-1
- 2) Sylhet 20 MW 3) Khulna S (04/11/14)

Oil Consumed (PDB):

- 10) Ashugani ST: Unit- 2.4 11) Haripur GT-1,2 12) Sirajgonj Unit-1 225 MW 13) Ashuganj 225 MW
- 4) Ghorasal Unit-2,4 5) Baghabari 100 MW
- 6) Tongi GT

from 18:57 to 20:06

- 7) Chittagong Unit-1,2 8) Baghabari-71 MW
- 9) Siddhirganj 210 MW ST

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

Comments on Power Interruption Description a) Hasnabad-Aminbazar 230 kV Ckt-1 was under shut down from 09:12 to 16:02 for C/M.

- b) Hasnabad-Shitalakya 132 kV Ckt-1 was under shut down from 08:44 to 16:54 for C/M.
- c) Hasnabad-Shyampur 132 kV Ckt was under shut down from 09:22 to 16:08 for D/W. d) Barisal-Bhandaria 132 kV Ckt-1 was under shut down from 10:26 to 11:24 for red hot at Bhandaria end.
- e) Aminbazar 132 kV bus B-phase PT burst at 11:58 so all the 132 kV lines were tripped and was switched on at 13:42.
- f) Khulna 225 MW GT synchronized at 11:08.

Gas Consumed :

- 1) Knulna 225 MW G1 synchronized at 11:08.
 g) Ashuganj Unit-4 was shut down at 20:07 for HP by pass system problem.
 h) B.Baria 132/33 kV T1 ,T2 & T3 transformers all tripped at 18:51 due to over voltage during bad weather and were switched on at 19:29, 19:26 & 19:25 respectively.
- i) Manikganj 132/33 kV T2 & T4 transformers were under shut down from 08:03 to 15:12 & 15:23 to 18:46 (respectively)
- for tan(delta) test j) Manikganj 132/33 kv T2 transformer again shut down from 18:57 to 20:06 for B-phase isolator red hot.
- k) Ashuganj (S) 450 MW CCPP tripped at 20:26 due to GT Hardware problem of control system and GT & ST were synchronized at 01:00 & 03:51 respectively.

 I) After maintenance Bheramara 410 MW STG was synchronized at 15:18.
- m) Naogaon-Niamatpur 132 kV Ckt tripped at 00:27(16/05/2018) from Naogaon end showing trip relay and was . switched on at 00:47 again tripped at 00:58 showing same relay and was switched on at 02:12.
- o) Haripur-Shyampur 132 kV Ckt was tripped at 04:14(16/05/2018) from Haripur end showing dist Z1 A-N and was
- switched on at 04:50 .Again tripped at 05:30 from Haripur end showing dist B-phase and was switched on at 05:50.
- p) Khulna(C)-Noapara 132 kV tripped at 06:31(16/05/2018) from both end showing inst E/F at Khulna(C) end and
- C-phase Z1 at Noapara end and was switched on at 07:35.
 q) Noapara-Jessore 132 kV Ckt-1 tripped at 06:31(16/05/2018) from Jessore end showing dist relay and was switched on at 07:37.

Sub Divisional Engineer Network Operation Division

Executive Engineer Network Operation Division

About 30 MW Power interruption occurred under Naogaon S/S areas

About 10 MW Power interruption occurred under Manikganj S/S S/S areas

About 389 MW Power interruption occurred under Mirpur, Savar, Uttara

& Kallavanpur S/S areas from 11:58 to 13:42.

from 00:27 to 00:47 & 00:58 to 02:12 respectively.

Superintendent Engineer **Load Dispatch Circle**