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

QF-LDC-08
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Reporting Date : 22-Apr-21

Till now the maximum generation is : - **13380.0** **21:00 Hrs on 15-Apr-21**

The Summary of Yesterday's	21-Apr-21	**Generation & Demand**			**Today's Actual Min Gen. & Probable Gen. & Demand**		
Day Peak Generation :	11129.0 MW	Hour :	12:00		Min. Gen. at	6:00	8089 MW
Evening Peak Generation :	12542.0 MW	Hour :	19:30		Available Max Generation :		15545 MW
E.P. Demand (at gen end) :	12542.0 MW	Hour :	19:30		Max Demand (Evening) :		13000 MW
Maximum Generation :	12542.0 MW	Hour :	19:30		Reserve(Generation end)		2545 MW
Total Gen. (MKWH) :	267.9	System Load Factor	: 88.99%		Load Shed :		0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	-372 MW	at	24:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum	- MW	at	-	Energy	- MKWHR.

Water Level of Kaptai Lake at 6:00 A M on 22-Apr-21
Actual : 78.60 Ft.(MSL) , Rule curve : 83.80 Ft.(MSL)

Gas Consumed : Total = 1174.30 MMCFD. Oil Consumed (PDB) :
HSD : Liter
FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) : **Gas :** Tk159,414,915
: **Coal :** Tk86,597,770 Oil : Tk564,730,518 Total : Tk810,743,203

Load Shedding & Other Information

Area	Yesterday MW		Estimated Demand (S/S end) MW	Today Estimated Shedding (S/S end) MW	Rates of Shedding (On Estimated Demand)
Dhaka	0	0:00	4599	0	0%
Chittagong Area	0	0:00	1569	0	0%
Khulna Area	0	0:00	1406	0	0%
Rajshahi Area	0	0:00	1271	0	0%
Cumilla Area	0	0:00	1148	0	0%
Mymensingh Area	0	0:00	927	0	0%
Sylhet Area	0	0:00	512	0	0%
Barisal Area	0	0:00	238	0	0%
Rangpur Area	0	0:00	715	0	0%
Total	**0**		**12385**	**0**	

Information of the Generating Units under shut down.

Planned Shut- Down	**Forced Shut- Down**
	1) Barapukuria ST: Unit-2 2) Ghorasal-3,4,7 3) Ashuganj-4,5 4) Kaptai-2 5) Raozan #2 6) Siddirganj-335 MW ST 7) Baghabari 100 & 71 MW

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

a) Sirajganj #1 tripped at 08:53 due to valve malfunction and was synchronized at 15:53.
b) Kodda-300 MW-Kaliakoir 230 kV Ckt was under shut down from 09:45 to 10:38 for SF6 gas filling.
c) Mirpur-Aminbazar 132 kV Ckt-2 was under shut down from 10:12 to 12:58 for D/W.
d) Sikalbaha 132 kV GIS Bus-2 was under shut down from 10:19 to 16:36 for D/W.
e) Khulna(S)-HVDC 230 kV Ckt-1 was under shut down from 08:46 to 14:05 for C/M.
f) Kulaura-Fenchuganj 132 kV Ckt-2 was under shut down from 11:30 to 12:09 due to red hot maintenance at DS at Kulaura end.
g) Keraniganj (new) 230/132 kV T-2 transformer was shut down at 12:01 for D/W.
h) B.Baria 132/33 kV T-2 transformer was under shut down from 11:35 to 12:44 due to red hot maintenance at LT B-phase CT.
i) Faridpur 132/33 kV T-2 transformer was under shut down from 09:44 to 12:35 for CT loop replacement.
j) Faridpur 132/33 kV T-1 transformer was under shut down from 12:39 to 13:16 for CT loop replacement.
k) Ashuganj-225 MW CCPP GT was shut down at 17:04 due to problem with air compressor and was synchronized at 20:42 & ST tripped at 16:57 showing droop protection trip.
l) Ammnura-C.Nawabganj 132 kV Ckt tripped at 18:40 showing dist.Z2 at Ammnura end.
m) Rajshahi(O) 132 kV T-2 & T-3 transformers tripped at 18:34 showing O/C relay due to problem with 33 kV extension bus and T-2 transformer was switched at 19:57.
n) Bheramara HVDC-Baharampur 400 kV Ckt-1 tripped at 19:11 showing distance relay at Baharampur end.
o) Ashuganj-Sirajganj 230 kV Ckt-1 tripped at 21:50 showing dist.ZS phase at Ashuganj end.
p) Kodda-Rajendrapur 132 kV Ckt-2 tripped at 22:40 showing dist.Z1 and was switched on at 23:19.
q) Ghorasal-Norsingdi 132 kV Ckt-1 tripped at 22:41 showing dist.B-phase and was switched on at 23:42.
r) Ashuganj-B.Baria 132 kV Ckt-1 tripped at 23:42 showing dist.BC phase and was switched on at 23:53.
s) Barishal(S) 132/33 kV T-2 transformer was under shut down from 07:01 to 07:34(22/4/21) for C/M.
t) Barishal(S) 132/33 kV T-1 transformer was under shut down from 07:36 to 08:08(22/4/21) for C/M.
u) Sirajganj #1 was forced shut down at 22:52 due to low demand and was synchronized at 08:33.

About 7 MW power interruption occurred under Faridpur S/S area from 09:44 to 13:16.

About 14 MW power interruption occurred under Barishal(S) S/S area from 07:01 to 08:08.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle