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

Revised
QF-LDC-08
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Reporting Date : 20-Jul-19

Till now the maximum generation is : - **12893 MW** **21:00 Hrs on 29-May-19**

The Summary of Yesterday's	19-Jul-19	**Generation & Demand**			**Today's Actual Min Gen. & Probable Gen. & Demand**		
Day Peak Generation :	8841.1 MW	Hour :	12:00		Min. Gen. at	8:00	8788 MW
Evening Peak Generation :	11477.0 MW	Hour :	21:00		Available Max Generation		14010 MW
E.P. Demand (at gen end) :	11477.0 MW	Hour :	21:00		Max Demand (Evening) :		12300 MW
Maximum Generation :	11602.0 MW	Hour :	24:00		Reserve(Generation end)		1710 MW
Total Gen. (MKWH) :	235.8	System Load Factor :	84.68%		Load Shed :		0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	-670 MW	at	1:00	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 20-Jul-19
Actual : 107.20 Ft.(MSL) , Rule curve : 87.04 Ft.(MSL)

Gas Consumed : Total = 1265.27 MMCFD.

Oil Consumed (PDB) :
HSD : Liter
FO : Liter

Cost of the Consumed Fuel (PDB+Pvt) :
Gas : Tk141,853,561
Coal : Tk33,074,823
Oil : Tk524,590,971 Total : Tk699,519,355

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	4360	0	0%
Chittagong Area	0	0:00	1486	0	0%
Khulna Area	0	0:00	1332	0	0%
Rajshahi Area	0	0:00	1204	0	0%
Comilla Area	0	0:00	1088	0	0%
Mymensingh Area	0	0:00	878	0	0%
Sylhet Area	0	0:00	487	0	0%
Barisal Area	0	0:00	226	0	0%
Rangpur Area	0	0:00	677	0	0%
Total	**0**		**11736**	**0**	

Information of the Generating Units under shut down.

Planned Shut- Down	**Forced Shut- Down**	
	1) Barapukuria S	**7) Baghabari 100 MW**
	2) Khulna ST 110	**8) Ghorasal Unit-7**
	3) Sikalbaha ST 6	**9) Ghorasal Unit-1 & 2**
	4) Bheramara 41(	**10) Ghorasal Unit-5**
	5) Siddhirganj ST	**11) Bibiyna unit-3**
	6) Ashuganj #4,5	**12) Sirajganj Unit-4**

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

Description	**Comments on Power Interruption**
a) Dhamrai 132/33 kV T1 transformer was under shut down from 08:56 to 16:10 for D/W.	
b) Rangpur-Lalmonirhat 132 kV Ckt was under shut down from 09:10 to 14:07 for D/W.	About 50 MW power interruption occurred under Lalmonirhat S/S area from 09:10 to 14:07.
c) Rangpur 132 kV A bus was shut down from 09:45 to 17:30 for D/W.	
d) Ishurdi-Ghorasal 230 kV Ckt-2 was under shut down from 08:17 to 18:49 for D/W.	
e) Ashuganj-Cumilla(N) 230 kV Ckt-1 was under shut down from 11:24 to 19:26 for D/W.	
f) Ashuganj-Cumilla(N) 230 kV Ckt-2 was under shut down from 11:26 to 19:28 for D/W.	
g) Anwara-Sikalbaha 230 kV Ckt-2 was under shut down from 10:55 to 12:40 for D/W.	
h) Ishurdi 132/33 kV T2 transformer was under shut down from 09:56 to 12:11 due to oil leakage.	
i) After maintenance Daudkandi 132/33 kV T3 transformer was switched on at 14:13.	
j) Narsingdi-B.Baria 132 kV Ckt-1 was under shut down from 14:45 to 20:26 for project work.	
k) Rangpur 33 kV bus was under shut down from 15:30 to 16:40 due to red hot maintenance at 33 kV Kotkitara para-2 feeder.	About 80 MW power interruption occurred under Rangpur S/S area from 15:30 to 16:40.
l) Ashuganj(N) 450 MW tripped at 17:40 due to RMS problem and were synchronized GT & ST at 19:19 & 03:02 respectively again tripped at 04:49(20/7/19)	
m) Kurigram 132/33 kV T1 & T2 transformer were charge HT side at 18:15 & 18:20 respectively.	
n) Shahazibazar 330 MW GT-2 tripped at 18:53 due to ventilation system problem and was synchronized at 20:18.	
o) KPCL-2 tripped at 20:24 due to E/F relay and was synchronized at 20:59 again tripped at 21:09 showing same relay and was synchronized at 21:25 .	
p) Madunaghat-Kulshi 132 kV Ckt-1 is under shut down since 06:12 for C/M.	
q) Gulshan 132/33 kV T2 transformer was under shut down from 05:08 to 08:38(20/7/19) for C/M.	
r) Fenchuganj 132/33 kV T-2 transformer tripped at 02:19 from both side showing backup protection and was switched on at 03:25(20/7/19)	About 20 MW power interruption occurred under Fenchuganj S/S area from 02:19 to 03:25(20/7/19).
s) Cumilla(N) 132/33 kV T3(both side) & T4 transformer 33 kV side tripped at 04:26 showing lock out at T3 & high impedance differential protection relay at T4 and was switched on T4 at 05:21(20/7/19).	About 48 MW power interruption occurred under Cumilla(N) S/S area from 04:26 to 05:21(20/7/19).
t) Rangpur 132 kV B bus with 132/33 kV T2 transformer were shut down from 07:20 to 09:20 for C/M.	About 40 MW power interruption occurred under Rangpur S/S area from 07:20 to 09:20(20/7/19).
u) HVDC block-2 filter 20DS31 tripped at 07:48(20/7/19) due to capacitor unbalance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle