

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

QF-LDC-08
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Reporting Date : 29-Dec-20

Till now the maximum generation is :-		12893 MW		21:00 Hrs on 29-May-19		
The Summary of Yesterday's		28-Dec-20		Generation & Demand		
Day Peak Generation :	7026.0 MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand		
Evening Peak Generation :	8808.0 MW	Hour :	19:00	Min. Gen. at	5:00	5419 MW
E.P. Demand (at gen end) :	8808.0 MW	Hour :	19:00	Available Max Generation :		13822 MW
Maximum Generation :	8808.0 MW	Hour :	19:00	Max Demand (Evening) :		8900 MW
Total Gen. (MKWH) :	170.2	System Load Factor :	80.52%	Reserve(Generation end)		4922 MW
				Load Shed		0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :-	Maximum				
Import from West grid to East grid :-	Maximum				
Water Level of Kaptai Lake at 6:00 A M on	29-Dec-20				
Actual :	98.32	Ft.(MSL) ,	Rule curve :	103.30	Ft.(MSL)

Gas Consumed :	Total =	825.37	MMCFD.	Oil Consumed (PDB) :	
				HSD :	Liter
				FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk117,242,964		Oil :	Tk295,372,739
	Coal :	Tk57,862,850		Total :	Tk470,478,553

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	
Dhaka	0	0:00	3159	0	0%
Chittagong Area	0	0:00	1068	0	0%
Khulna Area	0	0:00	956	0	0%
Rajshahi Area	0	0:00	864	0	0%
Cumilla Area	0	0:00	781	0	0%
Mymensingh Area	0	0:00	630	0	0%
Sylhet Area	0	0:00	360	0	0%
Barisal Area	0	0:00	162	0	0%
Rangpur Area	0	0:00	486	0	0%
Total	0	0:00	8466	0	0%

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST: Unit-2 2) Baghabari-71 & 100 MW 3) Ghorasal Unit-1,2,4,5 4) Shahjibazar 330 MW GT-2 5) Kaptai-1,2,4,5 6) Raozan #1,2 7) Siddirganj-335 MW 8) Sirajganj #1,2 CCGP 9) Ashuganj(N)-450 MW

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

Description	Comments on Power Interruption
<p>a) Madunaghat-Chandraghona 132 kV Ckt-1 was under shut down from 08:20 to 16:28 for A/M.</p> <p>b) Hathazari-AKSM 230 kV Ckt was under shut down from 08:39 to 15:46 for A/M.</p> <p>c) Kalyanpur 132/33 kV GT-3 transformer was under shut down from 08:39 to 20:28 for A/M.</p> <p>d) Comilla(S)-Tripura 132 kV Ckt-1 was under shut down from 08:05 to 14:16 for A/M.</p> <p>e) Rampura-Bashundhara 132 kV Ckt-1 was under shut down from 08:26 to 16:56 for A/M.</p> <p>f) Rajshahi(New)-Amnura 132 kV Ckt was under shut down from 08:23 to 16:56 for A/M.</p> <p>g) B.Pukuria P/S-B.Pukuria S/S 230 kV Ckt-2 was under shut down from 09:14 to 16:12 for A/M.</p> <p>h) Shyampur-Meghnaghat 230 kV Ckt-1 was shut down from 08:19 to 20:38 for A/M.</p> <p>i) Barishal(N)-Madaripur 132 kV Ckt-1 was under shut down from 09:01 to 16:49 for A/M.</p> <p>j) Gopalganj 400 kV S/S-Madaripur 132 kV Ckt-2 was under shut down from 08:29 to 17:00 for A/M.</p> <p>k) Aminbazar 230/132 kV T02 transformer was under shut down from 09:38 to 16:52 for A/M.</p> <p>l) Fenchuganj-Kulaura 132 kV Ckt-2 was under shut down from 09:29 to 13:43 for A/M.</p> <p>m) Narshingdi 132 kV Bus-2 was under shut down from 09:20 to 16:40 for A/M.</p> <p>n) Savar 132/33 kV T-2 transformer was under shut down from 09:10 to 16:32 for A/M.</p> <p>o) Sitalakhya 132/33 kV GT-2 transformer was under shut down from 10:02 to 18:23 for A/M.</p> <p>p) Feni-Chowmuhoni 132 kV Ckt-1 was under shut down from 09:15 to 17:05 for A/M.</p> <p>q) Dohazari-Cox's Bazar 132 kV Ckt-2 was shut at down at 09:10 for A/M.</p> <p>r) Bheramara HVDC 400 kV 10CF25 filter was under shut down from 09:40 to 14:46 for A/M.</p> <p>s) Polashbari-Mohasthangarh 132 kV Ckt-1 was under shut down from 09:45 to 15:20 for A/M.</p> <p>t) Baghabari 230/132 kV T01 transformer was under shut down from 08:30 to 17:30 for A/M.</p> <p>u) Natore 132/33 kV T-4 transformer was shut down at 09:13 for A/M.</p> <p>v) Jhenaidah-Bottail 132 kV Ckt was under shut down from 09:59 to 14:12 for protection test.</p> <p>w) Faridpur132/33 kV T-3 transformer was under shut down from 09:40 to 17:03 for A/M.</p> <p>x) Shyampur 230/132 kV T02 transformer was under shut down from 10:41 to 11:20 for D/W.</p> <p>y) Bhaluka 132/33 kV T-1 transformer was under shut down from 11:50 12:04 for D/W.</p> <p>z) Bhaluka 132/33 kV T-2 transformer was under shut down from 12:08 12:35 for D/W.</p> <p>aa) Ashuganj unit-4 tripped at 12:01 due to FD fan tripped and was synchronized at 18:36.</p> <p>ab) Kabirpur 132/33 kV T-1, T-2 & T-3 transformers were shut down at 10:36 due to Dc fail and metering panel problem due to 33 kV Ifad feeder on fire and T-1 & T-3 were switched on at 13:04 & 23:23 respectively.</p> <p>ac) Bheramara HVDC-Bheramara 230 kV Ckt-2 was under shut down from 12:01 to 15:12 for protection test.</p> <p>ad) Sikalbaha 225 MW tripped at 15:00 due to problem with GBC and was GT was synchronized at 17:12 and ST was synchronized at 20:16.</p> <p>ae) After maintenance work Barapukuria unit-3 was synchronized at 19:19.</p> <p>af) After maintenance work Ishwardi 230/132 kV T02 transformer was switched on at 15:50.</p> <p>ag) Payra unit1 tripped at 04:42(29/12/2020) showing high voltage.</p> <p>ah) After maintenance work Ashuganj 225 MW CCGP GT was synchronized at 05:05(29/12/2020).</p> <p>ai) Mongla 33 kV Bus tripped at 05:59(29/12/2020) showing E/F relay where was the bird short Cktd and was switched on at 06:24.</p> <p>aj) Rangpur S/S-Rangpur Confidence PP 132 kV Ckt-1 was shut down at 07:41(29/12/2020) for A/M.</p> <p>ak) Sikalbaha-Dohazari 132 kV Ckt-1 was shut down at 07:37(29/12/2020) for D/W.</p>	<p>About 110 MW power interruption occurred under Kabirpur S/S area from 10:38 to 13:04.</p> <p>About 30 MW power interruption occurred under Mongla S/S area from 05:59(29/12/2020) to 06:24.</p>

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle