

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

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

Till now the maximum generation is :-		13792.0		20:00 Hrs on 27-Apr-21	
The Summary of Yesterday's		21-May-21		Generation & Demand	
Day Peak Generation :	9546.0 MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand	
Evening Peak Generation :	12519.0 MW	Hour :	21:00	Min. Gen. at	8:00 9349 MW
E.P. Demand (at gen end) :	12519.0 MW	Hour :	21:00	Available Max Generation :	15750 MW
Maximum Generation :	12561.0 MW	Hour :	23:00	Max Demand (Evening) :	13000 MW
Total Gen. (MKWH) :	255.5	System Load Factor :	84.75%	Reserve(Generation end)	2750 MW
				Load Shed	0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :-	Maximum		-230 MW	at	3:00
Import from West grid to East grid :-	Maximum			at	-
Water Level of Kaptai Lake at 6:00 A M on	22-May-21				Energy
Actual :	74.44	Ft.(MSL) .		Rule curve :	78.00
					Ft.(MSL)

Gas Consumed :	Total =	1280.25 MMCFD.	Oil Consumed (PDB) :		
				HSD :	Liter
				FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk166,901,643	Oil :	Tk409,682,743	Total : Tk652,123,884
	Coal :	Tk75,539,498			

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding (S/S end)	MW	
Dhaka	0	0.00	4613		0	0	0%
Chittagong Area	0	0.00	1573		0	0	0%
Khulna Area	0	0.00	1411		0	0	0%
Rajshahi Area	0	0.00	1275		0	0	0%
Cumilla Area	0	0.00	1152		0	0	0%
Mymensingh Area	0	0.00	930		0	0	0%
Sylhet Area	0	0.00	514		0	0	0%
Barisal Area	0	0.00	239		0	0	0%
Rangpur Area	0	0.00	717		0	0	0%
Total	0		12423		0		

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST. Unit-1,2 2) Ghorasal-3,4,7 3) Ashuganj-3,4 4) Kaptai-2 5) Raozan #1,2 6) Sylhet-225 MW ST

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

<p>a) Sikalbaha-225 MW was shut down at 08:19 for D/W and GT was synchronized at 18:13. b) B.Pukuria 132 kV Bus-2 was under shut down from 07:53 to 11:26 for C/M. c) Chowmuhani 132/33 kV T-2 transformer was under shut down from 08:15 to 09:42 due to red hot main. d) Mohastanghor 132/33 kV T-1, T-2 & 33 kV Bus were shut down from 08:25 to 10:04 for C/M. e) Rangpur 132/33 kV T-1 transformer & 33 kV Bus-1 were shut down from 08:30 to 18:42 for D/W. f) Savar 132/33 kV T-3 transformer was under shut down from 08:39 to 16:17 for D/W. g) Sikalbaha-225 MW GT bay-Sikalbaha S/S 132 kV Ckt was under shut down from 09:19 to 11:14 for D/W. h) C.Nawanganj 132/33 kV T-1 transformer was under shut down at 11:06 for oil leakage of 132 kV bushing. i) Kabirpur-Kodda 132 kV Ckt-1 & 2 were under shut down from 09:43 to 12:36 for C/M. j) Shahjadpur 132/33 kV T-3 transformer tripped at 10:15 showing O/C relay and was switched on at 10:32. k) Sikalbaha-225 MW GT bay-Sikalbaha 230 kV S/S 132 kV Ckt was under shut down from 11:26 to 16:23 for D/W. l) Sonargaon S/S-Sonargaon P/S 132 kV Ckt was under shut down from 09:38 to 17:15 for C/M. m) Sylhet-Chattak 132 kV Ckt-1 tripped at 10:01 showing no relay and was switched on at 15:02. n) Shahjibazar-330 MW GT-2 tripped at 10:25 due to heat vent loss of turbine compartment and was synchronized at 14:45. o) Chattak-Sunamganj 132 kV Ckt CB manually open at 11:40 due to flashing at bus coupler DS and was closed at 12:19. p) Rangpur 132/33 kV T-1 transformer was under shut down from 19:12 to 19:29 for project work. q) Purbasadipur-Thakurgaon 132 kV Ckt-1 & 2 tripped at 00:35(22/5/21) showing dist.ABC and was switched on at 00:48 & 00:57(22/5/21) respectively. r) Purbasadipur-Saidpur 132 kV Ckt-1 tripped at 01:10(22/5/21) showing dist.C-phase and was switched on at 01:22(22/5/21). s) Bhulta-Haripur 230 kV Ckt-2 tripped at 04:20(22/5/21) showing dist. E/F relay at Haripur end and was switched on at 05:16(22/5/21). t) Haripur-Siddirganj 230 kV Ckt-2 tripped at 04:20(22/5/21) due to Y-phase PT burst at Haripur end. u) Dohazari-Cox's Bazar 132 kV Ckt-2 is under shut down since 06:08(22/5/21) for D/W. v) Tangail 132/33 kV T-2 transformer is under shut down since 06:40(22/5/21) for C/M. w) Sylhet-Fenchuganj 132 kV Ckt is under shut down since 07:21(22/5/21) for C/M. x) Juida S/S-Juida P/S 132 kV Ckt was under shut down from 07:03 to 08:52(22/5/21) for C/M. y) Tangail-Kabirpur 132 kV Ckt-1 was under shut down from 07:30 to 08:25(22/5/21) for C/M. z) Kabirpur-Kodda 132 kV Ckt-1 & 2 are under shut down since 07:29(22/5/21) for C/M. aa) Sylhet-225 MW tripped at 03:34(22/5/21) showing E/F relay. ab) B.Pukuria-Saidpur 132 kV ckt-2 is under shut down since 07:44(22/5/21) for C/M. ac) Faridpur 132/33 kV T-1 transformer is under shut down since 07:48(22/5/21) for D/W. ad) Faridpur 33 kV Bus section-1 is under shut down since 07:50(22/5/21) for D/W.</p>	<p>About 40 MW power interruption occurred under Chowmuhani S/S area from 08:15 to 09:42. About 25 MW power interruption occurred under Rangpur S/S area from 08:30 to 18:42. About 9 MW power interruption occurred under Chattak S/S area from 10:01 to 15:02. About 23 MW power interruption occurred under Sunamganj S/S area from 11:40 to 12:19. About 20 MW power interruption occurred under Rangpur S/S area from 19:12 to 19:29. About 115 MW power interruption occurred under Thakurgaon & Panchagarh S/S areas from 00:35 to 00:48(22/5/21).</p>
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Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle