

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

QF-LDC-08
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Till now the maximum generation is :-		14782.0	21:00 Hrs on 16-Apr-22	Reporting Date : 12-Aug-22
The Summary of Yesterday's		11-Aug-22	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	10459.0 MW	Hour :	10:00	Min. Gen. at 8:00 9620 MW
Evening Peak Generation :	12452.0 MW	Hour :	21:00	Available Max Generation : 12925 MW
E.P. Demand (at gen end) :	13450.0 MW	Hour :	21:00	Max Demand (Evening) : 14200 MW
Maximum Generation :	12452.0 MW	Hour :	21:00	Reserve(Generation end) - MW
Total Gen. (MKWH) :	263.4	System Load Factor :	88.14%	Load Shed : 1175 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR				
Export from East grid to West grid :- Maximum		98 MW	at 19:00	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 12-Aug-22		Rule curve :	92.52 Ft.(MSL)	
Actual :	95.79 Ft.(MSL)			

Gas Consumed :	Total = 963.93 MMCFD.	Oil Consumed (PDB) :	HSD : Liter	FO : Liter
Cost of the Consumed Fuel (PDB+Pvt)	Gas : Tk146,727,449	Oil : Tk1,377,368,342	Total : Tk1,634,939,629	
	Coal : Tk110,843,838			

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	Estimated Shedding (S/S end)	MW	
Dhaka	190	0.00	4548	267	4%
Chittagong Area	0	0.00	1288	140	6%
Khulna Area	175	0.00	1700	176	5%
Rajshahi Area	150	0.00	1509	158	6%
Cumilla Area	175	0.00	1284	105	7%
Mymensingh Area	190	0.00	1061	155	9%
Sylhet Area	40	0.00	474	56	6%
Barisal Area	0	0.00	386	0	0%
Rangpur Area	0	0.00	838	118	7%
Total	920		13086	1175	

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST: Unit-2 2) Ghorasal-3,4 3) Ashuganj-5 4) Baghabari-71,100 MW 5) Raozan unit-2 6) Siddhirganj 210 MW . 7) Sikalbaha 225 MW 8) Shajibazar 330 MW 9) Siddhirganj 335 MW
	10) Payra unit-2

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

a) Norail 132/33 kV T-1 transformer was under shut down from 09:56 to 11:55 due to R/H maintenance. b) Chapainawabganj-Rohanpur 132 kV Ckt was shut down at 09:31 for D/W. c) Ghorasal 230 kV GIS Bus Coupler was under shut down from 11:54 to 15:49 for D/W. d) Madanganj-Munshiganj 132 kV Ckt-1 was under shut down from 12:05 to 13:26 for D/W. e) Argargaon-Satmosjid 132 kV Ckt-1 was under shut down from 12:35 to 22:38 for D/W. f) Raozan Unit-1 tripped at 13:29 due to problem at control system. g) Payra 1320 MW unit-1 tripped at 13:59 due to zero power protection and was synchronized at 20:12. h) Bholia Natun Bidyut ST was shutdown at 22:50 & GT at 23:05 due to gas field work. i) Purbasadipur 132/33 T-1 & T-2 transformers tripped at 00:05(12/08/2022) due to Kaharol 33 kV PBS feeder fault and were switched on at 00:28(12/08/2022). j) Kabirpur-Kodda 132 kV Ckt-2 was shut down at 06:40(12/08/2022) for C/M. k) Aminbazar-Mirpur 132 kV Ckt-2 was shut down at 06:44(12/08/2022) for C/M. l) Payra 1320 MW unit-1 tripped at 04:01(12/08/2022) showing Differential protection(87T) at unit transformer. m) Chandpur Desh P.P.-Ramganj 132 kV Ckt tripped at 07:13(12/08/2022). n) Norail 132/33 kV T-1 & T-2 transformers were shutdown at 07:08(12/08/2022) & 07:13(12/08/2022) due to R/H maintenance at 33 kV Bus. o) Chandpur 132/33 kV T-1 transformer was under shut down from 07:15(12/08/2022) to 09:46(12/08/2022) for C/M. p) Bhulta 400/230 kV ATR-1 transformer was under shut down from 07:32(12/08/2022) to 10:07(12/08/2022) for C/M.	About 79 MW power interruption occurred under Purbasadipur S/S area from 00:05(12/08/2022) to 00:28. About 22 MW power interruption has been running under Norail S/S area since 07:08(12/08/2022). About 10 MW power interruption occurred under Chandpur S/S area from 07:15(12/08/2022) to 09:46.
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Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle