

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

Reporting Date : 16-Apr-24

Till now the maximum generation is :-		15648.0	21:00	Hrs on	19-Apr-23
The Summary of Yesterday's		15-Apr-24	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	12011.0 MW	12:00	Min. Gen. at	7:00	11589
Evening Peak Generation :	14093.0 MW	21:00	Available Max Generation :		15890
E.P. Demand (at gen end) :	14350.0 MW	21:00	Max Demand (Evening) :		15000
Maximum Generation :	14093.0 MW	21:00	Reserve(Generation end) :		890
Total Gen. (MKWH) :	296.494	System Load Factor : 87.66%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		250 MW	at	7:00	Energy
Import from West grid to East grid :- Maximum		-	MW	at	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	16-Apr-24	Rule curve :	85.00	Fl (MSL)
	77.23	Fl (MSL)			

Gas Consumed :	Total =	1262.89	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk451,600,510			
	Coal :	Tk548,447,665	Oil :	Tk473,955,678	Total : Tk1,474,003,853

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	4308		0	0	-23%
Chittagong Area	88	0.00	1162		0	0	-21%
Khulna Area	7	0.00	1655		0	0	-21%
Rajshahi Area	0	0.00	1438		0	0	-20%
Cumilla Area	0	0.00	1184		0	0	-21%
Mymensingh Area	65	0.00	880		0	0	-20%
Sylhet Area	0	0.00	494		0	0	-21%
Barisal Area	0	0.00	411		0	0	0%
Rangpur Area	85	0.00	804		0	0	-20%
Total	245		12367		0		

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST: Unit- 1,2
	2) Ghorasal-3,7
	3) Shajibazar 330 MW
	4) Baghabari-71, 100 MW
	5) Raocan unit-2
	6) Siddhirganj 210 MW
	7) Bibiyana-2

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:02	13:41	Khulna(S) 230/132kV S/S TR-2 HT Tripped showing BBP Trip, BFP Trip. relays.	107.0 MW load interruption.
08:02	13:54	Gallamari- Khulna (S) 132kV Ckt-2 Tripped from Khulna(S) 230/132kV end showing BBP Trip, BFP Trip. relays.	10.0 MW load interruption.
08:02	13:53	Gallamari- Khulna (S) 132kV Ckt-1 Tripped from Khulna(S) 230/132kV end showing BBP Trip, BFP Trip. relays.	
08:02	10:13	Khulna(C)-Khulna (S) 132kV Ckt-2 Tripped from Khulna(S) 230/132kV end showing BBP Trip, BFP Trip. relays.	127.0 MW load interruption.
08:02	10:10	Khulna(C)-Khulna (S) 132kV Ckt-1 Tripped from Khulna(S) 230/132kV end showing BBP Trip, BFP Trip. relays.	
08:02	10:14	Khulna (S)-Salkhira 132kV Ckt-2 Tripped from Khulna(S) 230/132kV end showing BBP Trip, BFP Trip. relays.	56.0 MW load interruption.
08:02	13:29	Khulna(S) 230/132kV S/S Capacitor Bank 1 & 2 Tripped showing BBP Trip, BFP Trip. relays.	
08:02	10:00	Khulna(S) 230/132kV S/S TR-1 LT Tripped showing BBP Trip, BFP Trip. relays.	107.0 MW load interruption.
08:02	10:06	Khulna(S) 230/132kV S/S TR-3 LT Tripped showing BBP Trip, BFP Trip. relays.	
08:02	10:05	Khulna(S) 230/132kV S/S TR-3 HT Tripped showing BBP Trip, BFP Trip. relays.	
08:02	13:52	Khulna(S) 230/132kV S/S TR-2 LT Tripped showing BBP Trip, BFP Trip. relays.	
08:02	10:02	Khulna (S)-Salkhira 132kV Ckt-1 Tripped from Khulna(S) 230/132kV end showing BBP Trip, BFP Trip. relays.	
09:51	11:50	Jashore 132/33kV S/S JH-1(L2) Tripped showing Relay- z1.Trip-ABC, PH-AB, Dist-13.7 km relays.	90.0 MW load interruption.
09:51	12:39	Jashore 132/33kV S/S Cap. Bank-1 Tripped showing Lock out relay 86 relays.	
09:51	12:39	Jashore 132/33kV S/S Cap. Bank-2 Tripped showing Lock out 86 relays.	
09:53		Benapole 132/33kV S/S Transformer-2(416T) LT Tripped showing REF630 relays Due to U/F Trip	44.0 MW load interruption.
09:55		Meghnaghat 400/230kV S/S 230kV spare bay shyampur-1 was sd	
10:26	11:47	Madunaghat-TKCL 132kV Ckt-1 Forced S/D from Madunaghat 132/33kV end Due to NLDC BIPTC S/S 20DF13 is restored.	
12:00		Day peak generation is 12011MW	
12:23	17:59	Bheramara 230/132kV S/S GTG (NW) Tripped showing 86A, 86B relays Due to Problem of Protection panel of GTG (NW) Xfr.	
12:23		Bheramara 410 MW CAPP Tripped	
14:05		Meghnaghat-Reliance 400kV Ckt-1 was shutdown.	
18:45		Bheramara 410 MW CAPP Synchronized with remarks:- GT	
19:52		Feni-PHP 132kV Ckt-1 Scheduled S/D from Feni 132/33kV end Due to According to NLDC order	
19:52		Baroihat-Feni 132 kV Ckt-2 Scheduled S/D from Feni 132/33kV end Due to According to NLDC order.	
21:00		Day Peak Gen. 14094 MW	
21:08		Bibiyana-III 400 MW CAPP Synchronized with remarks:- GT	
21:33		Bheramara 410 MW CAPP Synchronized with remarks:- ST	
23:14		Bheramara 410 MW CAPP Synchronized with remarks:- GT	
05:48	05:54	Meghnaghat-Shyampur 230kV Ckt-1 Scheduled S/D from Meghnaghat 230/132kV end Due to Corrective maintenance work	
06:05		Kachua 132/33kV S/S TR-2 LT Scheduled S/D	
06:11		Aminbazar-Keraniganj 230kV Ckt-2 Scheduled S/D from Keraniganj 230/132/33kV end Due to beacuse of Shampur-Meghnaghat Circuit S/D due to this reason Aminbazar1 &2 circuit going to Shutdown according to NLDC	
06:11		Aminbazar-Keraniganj 230kV Ckt-1 Scheduled S/D from Keraniganj 230/132/33kV end Due to beacuse of Shampur-Meghnaghat Circuit S/D due to this reason Aminbazar1 &2 circuit going to Shutdown according to NLDC	
06:13		Meghnaghat-Shyampur 230kV Ckt-1 Scheduled S/D from Meghnaghat 230/132kV end Due to Corrective maintenance work done	
06:14		Kachua 132/33kV S/S TR-2 HT Scheduled S/D	
06:32		Baghabari 71 MW GTPP Shutdown with remarks:- Due to gas pressure low.	
07:00		minimum generation 11589 MW	
07:01		Narail 132/33kV S/S Capacitor Bank Bay Scheduled S/D Due to Due to Red hot Maintenance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle