

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

Reporting Date : 18-Feb-24

Till now the maximum generation is :-		15648.0		21:00 Hrs on 18-Apr-23	
The Summary of Yesterday's		17-Feb-24		Generation & Demand	
Day Peak Generation :	9958.0 MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand	7628
Evening Peak Generation :	11152.0 MW	Hour :	19:00	Available Max Generation :	12236
E.P. Demand (at gen end) :	11275.0 MW	Hour :	19:00	Max Demand (Evening) :	11400
Maximum Generation :	11152.0 MW	Hour :	19:00	Reserve(Generation end)	838
Total Gen. (MKWH) :	224.160	System Load Factor	83.75%	Load Shed	0

Export from East grid to West grid - Maximum		660 MW		at 8:00		Energy	
Import from West grid to East grid - Maximum		MW		at		Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	18-Feb-24		Rule curve :		94.62 Ft (MSL)	
	85.21	Fl (MSL)					

Gas Consumed :	Total =	827.15 MCMCFD.		Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Vt) :	Gas :	Tk304,846,999		Oil :	Tk445,451,891		Total : Tk1,226,331,612
	Coal :	Tk476,032,721					

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	MW	0.00	
Dhaka	0	0.00	3623	0	0%
Chittagong Area	0	0.00	1046	0	0%
Khulna Area	0	0.00	1464	0	0%
Rajshahi Area	0	0.00	1271	0	0%
Cumilla Area	0	0.00	1046	0	0%
Mymensingh Area	117	0.00	778	0	0%
Sylhet Area	0	0.00	437	0	0%
Barisal Area	0	0.00	363	0	0%
Rangpur Area	0	0.00	719	0	0%
Total	117	0.00	10938	0	0%

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2
	2) Ghoraal-3,5,7
	3) Shaibazar 330 MW
	4) Baghaban-71, 100 MW
	5) Raosan unit2
	6) Siddhirani 210 MW .
	7) Meghnath-450 MW.
	8) Bhole Nutan Bidout GT-1

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:09	16:52	Jashore 132/33kV S/S T-1 LT Scheduled S/D Due to Annual maintenance.	32 MW load interup.
08:09	16:45	Jashore 132/33kV S/S T-1 HT Scheduled S/D Due to Annual maintenance.	
08:10	17:08	Benapole-Jashore 132 kV Ckt-1 Scheduled S/D from Jashore 132/33kV end Due to Annual maintenance and from Benapole 132/33kV end Due to Schedule Shutdown.	26 MW load interup in Jashore 132/33 kV end. 50 MW load interup in Benapole 132/33 kV end.
8:10	17:08	Benapole-Jashore 132 kV Ckt-2 Scheduled S/D from Jashore 132/33kV end Due to Annual maintenance and from Benapole 132/33kV end Due to Schedule Shutdown.	
8:12	17:11	Jashore-Noapara 132kV Ckt-1 Scheduled S/D Due to Maintenance work of Jashore Grid Sub-station.	
8:13	17:11	Jashore-Noapara 132kV Ckt-2 Scheduled S/D from Noapara 132/33kV end Due to Maintenance work of Jashore Grid Sub-station.	
08:14	16:35	Bhuita-Ghorasal 230 kV Ckt-1 Scheduled S/D from Bhuita 400/230kV end Due to work of sky wire.	
08:18	16:35	Jhenaidah 230/132kV S/S Jhenaidah-2-Jashore Ckt-1 Scheduled S/D Due to Annual Maintenance.	
08:23	16:04	Hathazari-Madunaghat 132kV Ckt-2 Scheduled S/D from Madunaghat 132/33kV end Due to Dead line checking.	
08:29		Shahmipur-Sikalbaha 132kV Ckt-2 Scheduled S/D from Shikalbaha 230/132kV end. and from Shahmipur 132/33kV end Due to yearly Bay Maintenance Work.	
08:29	16:53	Jashore 132/33kV S/S T-2 LT Scheduled S/D Due to Annual maintenance.	28 MW load interup.
08:29	16:46	Jashore 132/33kV S/S T-2 HT Scheduled S/D Due to Annual maintenance.	
08:30	16:40	Jhenaidah 230/132kV S/S Jhenaidah-2-Jashore Ckt-2 Scheduled S/D Due to Annual Maintenance.	
08:30	16:41	Jashore 132/33kV S/S 132 kV Bus-B Scheduled S/D Due to Annual maintenance.	
08:38		Ashuani 420 MW CCP(East) Tripped due to operating of turbine main lube oil tank level protection.	
08:38		Barishal 230/132kV S/S ATR-2 LT Scheduled S/D Due to Annual Maintenance & Oil leakage Repair.	
08:38		Mirpur-Uttara 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Annual Maintenance work.	
08:51	21:09	Khaqrachan-Ranganamati 132kV Ckt-1 Scheduled S/D from Khaqrachan 132/33kV end Due to Dead line checking.	
08:52	16:23	Sakkhira 132/33kV S/S Transformer-2 (T-2) HT Scheduled S/D.	35 MW load interup.
09:02	13:49	Sakkhira 132/33kV S/S Transformer-1 (T-1) HT Scheduled S/D.	
09:02	13:50	Sakkhira 132/33kV S/S Transformer-2 (T-2) LT Scheduled S/D.	
09:02	13:49	Sakkhira 132/33kV S/S Transformer-1 (T-1) HT Scheduled S/D.	
09:02	13:50	Sakkhira 132/33kV S/S Transformer-1 (T-1) LT Scheduled S/D.	50 MW load interup.
9:06	17:10	Benapole 132/33kV S/S Transformer-1(406T) HT Scheduled S/D Due to Schedule Shutdown.	
09:07	17:30	Benapole 132/33kV S/S Transformer-2(416T) HT Scheduled S/D Due to Schedule Shutdown.	26 MW load interup.
09:41	15:48	Kalyanpur 132/33kV S/S Main Bus Scheduled S/D Due to Annual maintenance.	
09:46	16:34	Bibiya-Shaibazar 230 kV Ckt-1 Scheduled S/D from Bibiana 400/230kV end Due to AM.	
9:47	12:25	Arniabar-Kaliakoir 132kV Ckt-1 Scheduled S/D from Kaliakoir 132/33kV end Due to Annual maintenance.	
10:01	13:21	Joydebpur 132/33kV S/S GT-2 HT Scheduled S/D Due to conservator tank maintenance.	
10:10	21:09	Mirpur 132/33kV S/S Main Bus Scheduled S/D Due to Uttara old ckt with Main Bus DS Annual maintenance work.	
10:24	10:18	Kushaha 163 MW GT was sync.	
10:25	12:45	Shariatpur 132/33kV S/S T2-416T LT Scheduled S/D Due to Temperature Transducer Maintenance.	
	12:44	Shariatpur 132/33kV S/S T2-416T HT Scheduled S/D Due to Temperature Transducer Maintenance.	
	11:23	Matarbari 2'600 MW (CPGCL) Unit 1 was sync.	
	11:45	Ishurdi 230/132kV S/S 230/132 kV T-03 HT is restored.	
	11:47	Ishurdi 230/132kV S/S 230/132 kV T-03 LT is restored.	
12:08	11:48	Bhola Natan Bidout BD LTD (GAS) GT1 is restored.	
	18:11	Chaudagram-Feni 132 kV Ckt-2 Forced S/D from Feni 132/33kV end Due to 132 kV Red Phase CT Top Side Oil Leakage, and from Chaudagram 132/33kV end Due to Emergency maintenance work in Feni Grid S/S.	
	12:23	Naogaon-Nyamator 132kV Ckt-1 is restored.	
12:55	15:42	Arniabar-Kaliakoir 132kV Ckt-2 Scheduled S/D from Kalyanpur 132/33kV end Due to Annual maintenance.	
	12:59	Naogaon- Niamator 132 kV circuit was switched on.	
	16:23	Khaqrachan-Ranganamati 132kV Ckt-1 is restored.	
	17:17	Gollamari 132/33kV S/S T-1 HT is restored.	
	17:18	Gollamari 132/33kV S/S T-1 LT is restored.	
	17:27	Ghorasal-Joydeb-B. 132kV Ckt-2 is restored.	
	17:54	Cumilla(N) 230/132/33kV S/S 230kV T-G2 HT is restored.	
	17:54	Cumilla(N) 230/132/33kV S/S 230kV T-G2 LT is restored.	
18:48		Madunaghat-TKCL 132kV Ckt-1 Tripped from Madunaghat 132/33kV end showing Rel-670 relays.	
18:49	18:36	Shakalaha-TKCL 132kV Ckt-1 Tripped from Shakalaha 230/132kV end showing FNI relays Due to General Trip Zone-1/Zoom tripR -PH trip.	
19:00		BIFTC S/S 20DF44 Tripped showing Differential Relay relays Due to Tripped by Differential 8TR.	
19:29		Naogaon-Nyamator 132kV Ckt-1 Forced S/D from Niamator 132/33kV end Due to In order to XEN-NLDC.	
20:28		Ishurdi 230/132kV S/S 230/132 kV T-03 LT Tripped showing no relays.	
20:28		Ishurdi 230/132kV S/S 230/132 kV T-03 HT Tripped showing no relays.	
1:02		Mankisar 132/33kV S/S Meru Roll -1 Tripped showing Protection TRIP relays.	
5:48	6:44	Bibiya-Kaliakoir 400 kV Ckt-1 Tripped from Bibiana 400/230kV end showing SOTF, Zoom tripped. relays Due to SOTF, Zoom tripped.	
5:49	6:39	Bibiya-Kaliakoir 400 kV Ckt-2 Tripped from Kaliakoir 400/230/132kV end showing REL 670 relays Due to General Trip 67N Trip	
7:32		Agaraoon 230/132kV S/S Auxiliary Tri-2 LT Scheduled S/D Due to Annual Maintenance.	
7:33		Agaraoon 230/132kV S/S 230kV Transformer-2 (715T2) LT Scheduled S/D Due to Annual Maintenance.	
7:34		Agaraoon 230/132kV S/S 230kV Transformer-2 (715T2) HT Scheduled S/D Due to Annual Maintenance.	
	5:48	Bibiya-Kaliakoir 400 kV Ckt-1 Tripped from Bibiana 400/230kV end showing SOTF, Zoom tripped. relays Due to SOTF, Zoom tripped.	
	5:49	Bibiya-Kaliakoir 400 kV Ckt-2 Tripped from Kaliakoir 400/230/132kV end showing REL 670 relays Due to General Trip 67N Trip	
	7:32	Agaraoon 230/132kV S/S Auxiliary Tri-2 LT Scheduled S/D Due to Annual Maintenance.	
	7:33	Agaraoon 230/132kV S/S 230kV Transformer-2 (715T2) LT Scheduled S/D Due to Annual Maintenance.	
	7:34	Agaraoon 230/132kV S/S 230kV Transformer-2 (715T2) HT Scheduled S/D Due to Annual Maintenance.	
	11:23	From NLDC: Matarbari 2'600 MW (CPGCL) Unit 1 was sync.	
	11:23	Matarbari 2'600 MW (CPGCL) Synchronized with remarks: -u-1 sync	
	11:45	Ishurdi 230/132kV S/S 230/132 kV T-03 HT is restored.	
	11:47	Ishurdi 230/132kV S/S 230/132 kV T-03 LT is restored.	
	11:48	Bhola Natan Bidout BD LTD (GAS) GT1 is restored.	
	12:00	Day peak Generation: 9959 MW	
	12:08	18:11 Chaudagram-Feni 132 kV Ckt-2 Forced S/D from Feni 132/33kV end Due to 132 kV Red Phase CT Top Side Oil Leakage, and from Chaudagram 132/33kV end Due to Emergency maintenance work in Feni Grid S/S.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle