

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

Reporting Date : 17-Feb-24

Till now the maximum generation is : -

15648.0

21:00 Hrs on 19-Apr-23

The Summary of Yesterday's		16-Feb-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	08:16	9592.0 MW	Hour :	12:00	Min. Gen. at	5:00	7228
Evening Peak Generation :	08:16	9854.0 MW	Hour :	19:30	Available Max Generation :		12201
E.P. Demand (at gen end) :		9925.0 MW	Hour :	19:30	Max Demand (Evening) :		11000
Maximum Generation :		10014.0 MW	Hour :	13:00	Reserve(Generation end)		1201
Total Gen. (MKWH) :		211.185	System Load Factor	87.87%	Load Shed		0

Export from East grid to West grid :- Maximum		EXPORT THROUGH EAST-WEST INTERCONNECTOR	860 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	17-Feb-24	Rule curve :	94.76	FL (MSL)
	85.31	FL (MSL)			

Gas Consumed :	Total =	783.55 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk294,911,179	Coal :	Tk461,944,247	Oil :	Tk276,580,852	Total :	Tk1,033,436,278
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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	3823		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	68	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	710		0	0%	
Total	68		10938		0		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2
	2) Ghorasal-3,5,7
	3) Shajibazar 330 MW
	4) Baghabari-71, 100 MW
	5) Raexan unit-2
	6) Siddhirganj 210 MW
	7) Meghnaghat-450 MW
	8) Bhdia Nutun Bidrut GT-1

Outage

Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:18		Rajendrapur 132/33kV S/S MTR-2 LT is restored.	
08:18		Rajendrapur 132/33kV S/S MTR-1 LT is restored.	
08:37		Juidah 132/33kV S/S 133/33 KV T-2 416T HT is restored.	
08:38		Rajbari 132/33kV S/S Transformer-1 LT is restored.	
08:40		Madaripur 132/33kV S/S Gopaganj North CKT-04 is restored.	
08:40		33 Kv Bus -1 S/D at Gollamari S/S Due DW (Project Work).	
08:40		Juidah 132/33kV S/S 133/33 KV T-2 416T LT is restored.	
08:40		Gopaganj 400/132kV S/S 132kV Madaripur Ckt-4 is restored.	
09:39	16:19	Daudkandi-Sonargaon 132 kv Ckt-1 Scheduled S/D from Daudkandi 132/33kV end Due to annual maintenance of Siddirganj Substation end and from Sonargaon 132/33kV end Due to Deadline checking work.	
09:56		Bibiyanah-III 400 MW CAPP Synchronized with remarks:- ST	
	10:21	Hathazari-Madunaghat 132kV Ckt-1 is restored.	
	10:28	Baroihat-Hathazari 132 kv Ckt-1 is restored.	
10:33	10:28	Baroihat-Hathazari 132 kv Ckt-2 is restored.	
	17:59	Ghorasal-Joydeb-B 132kV Ckt-1 Scheduled S/D from Joydebpur 132/33kV end Due to Dead line checking & Bay maintenance	14.0MW load interrup. Joydebpur 132/33kV end
10:46	15:37	Keraniganj 230/132/33kV S/S Lalbagh-3 Scheduled S/D Due to Annual Maintenance Work	
11:04	14:40	Aggreko-keraniganj 132kV Ckt-1 Tripped from Keraniganj 230/132/33kV end showing Disrance Relay relays Due to Distance Relay operated	
11:08		Bibiyanah-III 400 MW CAPP (Summit) Synchronized with remarks:- GT	
11:30		Hathazari 230/132/33kV S/S MT-02 LT Scheduled S/D Due to Oil centrifusing	
11:30		Hathazari 230/132/33kV S/S MT-02 HT Scheduled S/D Due to Oil centrifusing	
11:45		Meghnaghat-SS Power Banskhal 400 kv circuit-2 was shutdown due to DW.	
12:00		Day peak generation: 9592 MW	
12:01	14:40	Keraniganj 230/132/33kV S/S Hasnabad Scheduled S/D	
12:06	17:08	Kaliakoir 400/230/132kV S/S 230kV Bus 2 Scheduled S/D Due to due to 400/230 kv Tr HT LA Change	
12:20		Meghnaghat 230/132kV S/S Bus2 Scheduled S/D Due to Busbar protection panel replacement work done by spmd.Bus section CT Replacement	
12:38		Barisal 307 MW Synchronized	
12:50		Meghnaghat 400 kv Transformer T-2 was shutdown due to DW.	
	15:06	Kamrangirchar 132/33kV S/S GT-3 HT is restored.	
	15:43	Kamrangirchar 132/33kV S/S GT-3 LT is restored.	
	15:43	Kamrangirchar-Lalbag 132kV Ckt-1 is restored.	
	15:43	Kamrangirchar-Lalbag 132kV Ckt-1 is restored.	
	15:43	Kamrangirchar 132/33kV S/S Bus-2 is restored.	
	16:51	Sirajganj 132/33kV S/S T2-(425) HT is restored.	
	16:52	Sirajganj 132/33kV S/S T2-(425) LT is restored.	
	17:17	Hathazari-Madunaghat 132kV Ckt-2 is restored.	
17:27	20:24	Mirpur-Uttara 3PH 132kV Ckt-1 Forced S/D from Mirpur 132/33kV end Due to Hydraulic oil leakage repairing works.	
19:30		Evening Peak generation : 9854 MW	
	19:44	Faridpur 132/33kV S/S 132 KV 50MW Power Station ckt-1 is restored.	
01:04	01:48	Dohazari 132/33kV S/S Power Transformer -T-1 HT Forced S/D Due to Redhot Maintenance at 33 kv BUS by BPDB Salkania	38.0MW load interrup.
02:32		Dohazari 132/33kV S/S Power Transformer -T-1 LT Forced S/D Due to Redhot Maintenance at 33 kv BUS by BPDB Salkania	38.0MW load interrup.
02:32		Ishurdi 230/132kV S/S 230/132 kv T-03 LT Tripped showing no signal relays.	
02:32		Ishurdi 230/132kV S/S 230/132 kv T-03 HT Tripped showing no relay signal relays.	
02:32		Ishwardi 230/132 kv T-3 tripped hrs. showing on load tap changing trip, MCB faulty.	
05:00		Min. Gen. 7229 MW	
07:28		Cumilla(N) 230/132/33kV S/S 230KV T-02 LT Project Work S/D Due to 132 KV Bus modification work	
07:29		Cumilla(N) 230/132/33kV S/S 230KV T-02 HT Project Work S/D Due to 132 KV Bus modification work	
07:34		Daudkandi-Sonargaon 132 kv Ckt-1 Scheduled S/D from Daudkandi 132/33kV end Due to Deadline Check and from Sonargaon 132/33kV end Due to Annual maintenance dead line cheking	
06:44		Rajbari 132/33kV S/S Transformer-1 LT Tripped showing No relay relays Due to SCADA operation by NLDC	
	06:44	Kamrangirchar-Keraniganj 132kV Ckt is restored.	
	06:44	Kamrangirchar 132/33kV S/S Bus-1 is restored.	
07:00		Bibiyanah-III 400 MW CAPP Synchronized with remarks:- GT	
07:42		Sirajganj 132/33kV S/S T2-(425) LT Scheduled S/D Due to T1-T2 bus coupler modification by PBS	
07:43		Sirajganj 132/33kV S/S T2-(425) HT Scheduled S/D Due to T1-T2 bus coupler modification by PBS	
	06:44	Kamrangirchar-Keraniganj 132kV Ckt is restored.	
	06:44	Kamrangirchar 132/33kV S/S Bus-1 is restored.	
07:00		Bibiyanah-III 400 MW CAPP Synchronized with remarks:- GT	
07:42		Sirajganj 132/33kV S/S T2-(425) LT Scheduled S/D Due to T1-T2 bus coupler modification by PBS	
07:43		Sirajganj 132/33kV S/S T2-(425) HT Scheduled S/D Due to T1-T2 bus coupler modification by PBS	
07:46		Aminbazar-Meghnaghat 230kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to OPGW maintenance	
07:52		Ishurdi 132/33kV S/S 132 kv Baghabari Line Project Work S/D Due to project work	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle