

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

Reporting Date : 17-Mar-24

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		16-Mar-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	11257.0 MW	Hour :	12:00	Min. Gen. at	1:00		9013
Evening Peak Generation :	12774.0 MW	Hour :	21:00	Available Max Generation			12831
E.P. Demand (at gen end) :	12800.0 MW	Hour :	21:00	Max Demand (Evening)			12800
Maximum Generation :	12774.0 MW	Hour :	21:00	Reserve(Generation end)			31
Total Gen. (MKWH) :	268.635	System Load Factor	87.62%	Load Shed			0

Export from East grid to West grid > Maximum		950 MW		at	20:00	Energy
Import from West grid to East grid > Maximum		-		at	-	Energy

Actual :	81.89	FL(MSL) :		Rule curve :	90.44	FL(MSL) :	
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Gas Consumed :	Total =	907.58 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk365,591,544	Coal :	Tk600,750,260	Oil :	Tk493,915,467	Total :	Tk1,460,257,271
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Load Shedding & Other Information							
Area	Yesterday			Estimated Demand (S/S end)		Today	
	Time	MW		MW	Estimated Shedding (S/S end)	MW	Rates of Shedding (On Estimated Demand)
Dhaka	0	0:00		4373	0	0%	0%
Chittagong Area	0	0:00		1200	0	0%	0%
Khulna Area	0	0:00		1681	0	0%	0%
Rajshahi Area	0	0:00		1461	0	0%	0%
Cumilla Area	0	0:00		1202	0	0%	0%
Mymensingh Area	25	0:00		894	0	0%	0%
Sylhet Area	0	0:00		501	0	0%	0%
Barisal Area	0	0:00		418	0	0%	0%
Rangpur Area	0	0:00		817	0	0%	0%
Total	25			12546	0		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST Unit-1,2 2) Ghoreal-3,5,7 3) Shahbazar 330 MW 4) Baghabari-71,100 MW 5) Raocan unit-2 6) Siddhirganj 210 MW 7) Ashuganj North

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
09:10	11:45	Ashuganj-Brahmanbaria 132kV Ckt-2 Scheduled S/D from Brahmanbaria 132/33kV end Due to S/D taken by NLDC	
	09:28	Saikhira 132/33kV S/S Transformer-1 (T-1) HT is restored.	
	09:30	Saikhira 132/33kV S/S Transformer-1 (T-1) LT is restored.	
10:06	12:01	Rampur 230/132/33 S/S ATR-02 (716T) HT Scheduled S/D Due to For GD meter replacement.	
10:06	12:03	Rampur 230/132/33 S/S ATR-02 (716T) LT Scheduled S/D Due to For GD meter replacement.	
10:07	12:05	Rampur 230/132/33 S/S ATR-01 (706T) LT Scheduled S/D Due to For GD meter replacement.	
10:07	12:05	Rampur 230/132/33 S/S ATR-01 (706T) HT Scheduled S/D Due to For GD meter replacement.	
10:24	14:40	Paltaakhal 132/33kV S/S 425T (T-3) HT Forced S/D Due to 33kV incoming side C.T Y Phase oil leakage.	
10:24	14:41	Paltaakhal 132/33kV S/S 425T (T-3) LT Forced S/D Due to 33kV incoming side C.T Y Phase oil leakage.	
10:34	15:08	Haripur 230/132kV S/S Ullon (Maniknagar-2) Scheduled S/D Due to Another side side by NLDC. (Work at another side)	
10:45	15:29	Halsahaar 132/33kV S/S 423T (TR-3) HT Forced S/D Due to Due to BPDB incomer R phase cable red hot work, no L/S occurred. New morning load shifted to Agrabad S/S	
10:48	17:10	Gopalganj(N)-Rampal Ckt-1 Scheduled S/D from Rampal 400/230kV end Due to For Gopalganj side maintenance purpose	
10:49	17:10	Gopalganj 400/132kV S/S 400kV Rampal Ckt-1 Scheduled S/D Due to 230 kv pre commissioning work	
11:09		Maniknagar 132/33kV S/S Haripur Ckt-2 Scheduled S/D Due to Operation done according to instruction NLDC	
	11:10	Shahjibazar 100 MW GTFP Synchronized	
	14:33	Purbasadipur 132/33kV S/S T-1 Transformer (403T) LT is restored.	
11:21	14:33	Hathazari-Madunaghat 132kV Ckt-2 Tripped from Madunaghat 132/33kV end showing REI 670 relays. and from Hathazari 230/132/33kV end showing Quardmo relays Due to b phase, E/F, Distance	
11:22	14:33	Hathazari-Madunaghat 132kV Ckt-1 Tripped from Hathazari 230/132/33kV end showing Main quadramo. relays Due to Over current.	
	11:44	Chhatak 132/33kV S/S T-1 LT is restored.	
11:59	15:12	Tongi 230/132/33kV S/S Tongi-Uttara Ckt Scheduled S/D	
12:00		Day peak generation is 11257 MW	
	12:41	Chhatak 132/33kV S/S T-1 HT is restored.	
12:45	15:32	Chhatak 132/33kV S/S T-3 LT Scheduled S/D Due to For TAN DELTA Testing Purpose	
12:47	15:25	Chhatak 132/33kV S/S T-3 HT Scheduled S/D Due to For TAN Delta Testing Purpose	
12:50		Rampal 1320 MW (BIFPCL) Synchronized with remarks:- U2	
13:07		Shahjibazar 100 MW GTFP Shutdown	
	14:32	Baraulia-Hathazari 132 kV Ckt-1 is restored.	
	14:33	Baraulia-Hathazari 132 kV Ckt-2 is restored.	
	14:49	Keranigonj 230/132/33kV S/S TR-2 LT is restored.	
15:25		Sylhet 225 MW CCPP Synchronized with remarks:- ST	
16:28		Siraganj Unit-1 GT was sync.	
	16:54	Jashore 132/33kV S/S T-2 LT is restored.	
	16:54	Jashore 132/33kV S/S T-2 HT is restored.	
	17:46	Gopalganj 400/132kV S/S 400kV Bus-01 is restored.	
18:20	20:12	BIPTC S/S 10CF16 Tripped showing 60161 relays Due to Capacitor unbalance.	
19:42		Ashuganj 420 MW CCPP(East) Synchronized with remarks:- GT	
20:00		Bhola Nutan Bidyut GT-12 was shut down for offline water wash.	
20:05		Siraganj #1 CCPP ST was sync.	
21:00		Evening Peak Gen. 12774 MW	
21:57		Ashuganj 420 MW CCPP(East) Synchronized with remarks:- ST	
	22:07	Chandpur 132/33kV S/S 422T HT is restored.	
	22:09	Chandpur 132/33kV S/S 422T LT is restored.	
22:10	04:54	Benapole-Jashore 132 kV Ckt-1 Tripped from Jashore 132/33kV end showing 67.87N.21L Zone-2 relays Due to Tripped Due to Thunder storm and from Benapole 132/33kV end showing REL670 relays Due to E/F & O/C due to strom	
22:17	23:10	Purbasadipur 132/33kV S/S T-1 Transformer (403T) LT Tripped showing MCGG relays.	40.0MW load interruption.
22:17	23:10	Purbasadipur 132/33kV S/S T-2 Transformer (413T) LT Tripped showing SIPROTEC 75J82 relays.	
22:47	00:06	Jamalpur 132/33kV S/S T-3 LT Scheduled S/D Due to 33kV bus coupler red hot maintenance work	15.0MW load interruption.
00:06	00:06	Jamalpur 132/33kV S/S T-3 HT Scheduled S/D Due to 33kV T4 bus coupler red hot maintenance	
00:17	04:01	Haripur 230/132kV S/S Ullon (Maniknagar-2) Tripped showing MICOM P441: PH Y, Z2. relays.	11.0MW load interruption.
02:35		Chandpur 150 MW CCPP Tripped	
04:00		Sehri Peak Generation = 9.384MW	
06:00		Minimum Generation = 9.028	
07:03		Aminbazar-Meghnaghat 230kV Ckt-2 Scheduled S/D from Aminbazar 400/230/132kV end.	
07:26		Rajshahi 132/33kV S/S Transformer T-1(405T) LT Scheduled S/D Due to General cleaning	
07:26		Rajshahi 132/33kV S/S Transformer T-1(405T) HT Scheduled S/D	
07:28	07:32	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to 33 kv Bus Coupler DS open from PDB (33 kv side)	18.0MW load interrump. interrump.
06:20		Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to 33 kv Bus coupler T5 maintenance. work	13.0MW load interrump.
06:22		Bogura(New)-Naogaon 132 kV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:23		Bogura(New)-Naogaon 132 kV Ckt-2 Scheduled S/D from Naogaon 132/33kV end Due to S/D performed by order of ALDC Bogura. and from Bogura 230/132kV end Due to project work	
06:25		Bhandaria 132/33kV S/S Transformer-2 LT Project Work S/D Due to 33 KV BUS DS Replacement.	12.0MW load interrump.

Sub Divisional Engineer Network Operation Division	Executive Engineer Network Operation Division	Superintendent Engineer Load Despatch Circle
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