

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

Reporting Date : 17-May-24

Till now the maximum generation is :-		16477.0		21:00 Hrs on 30-Apr-24	
<b>The Summary of Yesterday's</b>		16-May-24		<b>Generation &amp; Demand</b>	
Day Peak Generation :	14488.0 MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand	12760
Evening Peak Generation :	14965.0 MW	Hour :	21:00	Min. Gen. at	8.00
E.P. Demand (at gen end) :	15850.0 MW	Hour :	21:00	Available Max Generation :	16717
Maximum Generation :	15001.0 MW	Hour :	22:00	Max Demand (Evening) :	15600
Total Gen. (MKWH) :	347.857	System Load Factor :	96.62%	Reserve(Generation end)	1117
				Load Shed	0

Export from East grid to West grid -> Maximum		148 MW at 19:30		Energy	
Import from West grid to East grid -> Maximum		-		Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A M on	17-May-24		Rule curve :	78.96 Ft.(MSL)
	73.15 Ft.(MSL)				

Gas Consumed :	Total =	1240.85 MMCFD.	Oil Consumed (PDB) :		
			HSD :		
			FO :		
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk468,958,021	Oil :	Tk1,153,910,801	Total : Tk2,239,715,799
	Coal :	Tk616,846,977			

**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	Time	MW	MW	Estimated Shedding (S/S end)	MW		
Dhaka	205	0.00	4631	0	0	0%	
Chittagong Area	80	0.00	1273	0	0	0%	
Khulna Area	0	0.00	1783	0	0	0%	
Rajshahi Area	90	0.00	1550	0	0	0%	
Cumilla Area	130	0.00	1275	0	0	0%	
Mymensingh Area	180	0.00	949	0	0	0%	
Sylhet Area	35	0.00	532	0	0	0%	
Barisal Area	0	0.00	443	0	0	0%	
Rangpur Area	125	0.00	867	0	0	0%	
<b>Total</b>	<b>845</b>	<b>0.00</b>	<b>13303</b>	<b>0</b>	<b>0</b>		

Information of the Generating Units under shut down.

**Planned Shut-Down**

**Forced Shut-Down**

- 1) Barapukuria ST: Unit-2
- 2) Ghosra-3,4,7
- 3) Shajibazar 330 MW
- 4) Baghabari-100, 70 MW
- 5) Raozan unit-2
- 6) Siddhirganj 210 MW .

**Outage**      **Restore**      **Additional Information of Machines, lines, interruption / Forced Load shed etc.**      **Remark**

Time	Time	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:22	08:51	Bakulia-MSML 132 kV Ckt-2 Forced S/D from Bakulia 132/33 kV end.	
08:46	06:00	Bogura-Rahanpur 400kV Ckt-2 Scheduled S/D from Bogura 400/230kV end Due to Project work at Rahanpur Sub-Station and from Rahanpur 400/132kV end Due to SAS,DFDR Pre commissioning work.	
08:52	21:08	Gopalganj 400/132kV S/S ATR-01 LT Scheduled S/D Due to Fire Fighting Commissioning.	
08:53	21:07	Gopalganj 400/132kV S/S ATR-01 HT Scheduled S/D Due to Fire fighting Commissioning.	
08:57	08:57	Kabirpur - Manikganj 132kV Ckt-1 is restored.	
08:59	09:24	Halishaha 132/33kV S/S 403T (TR-1) HT Forced S/D Due to Due to BPDB Emergency Red Hot Maintenance at 33 kV Incomer side.	10 MW load interrup.
09:02	16:40	Rahanpur 400/132kV S/S HV 400 KV BUS Scheduled S/D Due to SAS,DFDR Pre Commissioning work.	
09:02	09:07	Bakulia-MSML 132 kV Ckt-2 is restored.	
09:14	16:33	Ashuganj-Sreepur 230 kV Ckt-2 Scheduled S/D from Ashuganj 230/132/33kV end Due to As per instruction of NLDC.	
09:51	16:32	Sreepur 230/132/33kV S/S Sreepur-Ashuganj Ckt-2 Scheduled S/D Due to Project S/D.	
09:53	21:27	Hairpur 230/132kV S/S Auto TR-1 LT Scheduled S/D Due to 132 kV busbar protection work by ERA construction.	
09:53	21:27	Hairpur 230/132kV S/S Auto TR-1 HT Scheduled S/D	
10:19	10:06	Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) LT is restored.	
10:22	11:34	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) HT Scheduled S/D Due to Red hot maintenance.	
10:24	18:18	Bhaluka 132/33kV S/S BR Powergen Ckt- 01 Project Work S/D Due to Circuit connection to BR Powergen end.	
10:30	12:36	Bhaluka 132/33kV S/S BR Powergen Ckt- 02 Project Work S/D Due to Circuit connection to BR Powergen end.	
10:30	12:36	Hasnabad 132/33kV S/S 132/33kV 404 T-1 LT Scheduled S/D Due to Temperature high at LT bushing.	
10:52	12:35	Hasnabad 132/33kV S/S 132/33kV 404 T-1 HT Scheduled S/D Due to Temperature high at LT bushing.	
10:54	12:33	Magura 132/33kV S/S T-3 (425T) HT Forced S/D Due to Red Hot Maintenance of 132kV 80/120MVA Transformer-3.	
12:30	14:00	Kabirpur - Manikganj 132kV Ckt-2 Scheduled S/D from Manikganj 132/33kV end Due to Red hot maintenance.	
12:30	13:07	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/60 MVA) HT Scheduled S/D Due to Red hot maintenance.	
13:38	18:12	Gopalganj 132/33kV S/S Gopalganj 100 MW PS is restored.	
13:38	14:06	Mahasthangarh 132/33kV S/S 416T MTR1 LT Tripped showing Overcurrent Protection Relay, Lockout Relay relays Due to Kahalu 33kV Feeder Fault.	25 MW load interrup.
13:40	14:17	Mahasthangarh 132/33kV S/S 416T MTR 2 LT Tripped showing Overcurrent Protection Relay, Lockout Relay relays Due to Kahalu 33kV Feeder Fault.	
14:17	17:54	Barapukuria Unit-1 tripped.	
15:01	17:54	Bhola Nutan Biddyt ST tripped.	
15:01	17:54	Hasnabad 132/33kV S/S 132/33kV 424 T-5 HT Scheduled S/D Due to 33 kV CB and main bus isolator temperature rise.	
15:01	17:54	Hasnabad 132/33kV S/S 132/33kV 424 T-6 LT Scheduled S/D Due to 33 kV CB and main bus isolator temperature rise.	
17:28	15:40	Sherpur 132/33kV S/S Transformer- 03 LT is restored.	
17:28	15:40	Sherpur 132/33kV S/S Transformer- 03 HT is restored.	
17:28	16:12	Bhola Nutan Biddyt ST was sync.	
17:51	21:05	Adani power plant-Rohanpur 400 KV Ckt-1 tripped showing Distance relay Blue phase at both end. Adani power plant-Rohanpur 400 KV Ckt- 2 already under schedule shutdown.	
18:33	18:16	Adani Power :Jherkhand Ltd. Unit-2 tripped.	
05:43	00:31	BIPTC S/S 10CF25 Tripped showing 10CF25 relays Due to Tripped by zero sequence OVRC.	
05:47	06:23	Kalyanpur-Lalbag 132kV Ckt-2 is restored.	
06:23	21:17	Jaldhaka 132/33kV S/S Capacitor Bank Tripped showing Over current and Earth Fault Relay relays.	
06:27	23:20	Adani power plant-Rohanpur 400 KV Ckt-1 was switched on.	
06:31	00:31	Notun Biddyt GT1 was sync.	
06:45	00:31	Adani U-2 was synch.	
06:46	05:43	Meghnaghat 450 MW OCPP was shut down for RH maint. at grid end.	450 MW generation interrup.
06:47	05:47	Summit Meghnaghat (U-1) GT-1 tripped & reason under investigation.	165 MW generation interrup.
06:47	06:23	Shahmirpur 132 kv main bus shut down for development work.	35 MW load interrup.
06:51	06:27	Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T HT Scheduled S/D Due to Maintenance work.	
06:51	06:27	Barapukuria 230/132/33kV S/S 230/132 KV T-01, 703T LT Scheduled S/D Due to Maintenance work.	
06:51	06:31	Baghabari 230/132kV S/S T-1 HT Scheduled S/D Due to 12kV BPDB work.	
06:51	06:45	Chowmuhani-Feni 132 kV Ckt-2 Scheduled S/D from Chowmuhani 132/33kV end Due to Feni grid 132kv BUS maintenance. and from Feni 132/33kV end Due to 132kV Main Bus-2 Shutdown for Bus isolator hot Spot Maintenance Work.	40 MW load interrup in Chowmuhani 132/33 kv end.
06:51	06:46	Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Chowmuhani 132/33kV end Due to Feni grid 132kv BUS maintenance. and from Feni 132/33kV end Due to 132kV Main Bus-2 Shutdown for Bus isolator hot Spot Maintenance Work.	
06:51	06:47	Barorhat-Feni 132 kV Ckt-2 Forced S/D from Barorhat 132/33kV end. and from Feni 132/33kV end Due to 132kV Main Bus-2 Shutdown for Bus isolator hot Spot Maintenance Work.	
06:51	06:51	Feni-PHP 132kV Ckt-1 Scheduled S/D from Feni 132/33kV end Due to 132kV Main Bus-2 Shutdown for Bus isolator hot Spot Maintenance Work.	
06:51	07:10	Dohazari-Sikalbaha 132 kV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to SD taken by Shikalbaha GSS. and from Shikalbaha 230/132kV end Due to Tree cutting.	
07:44	07:25	Kalyanpur-Lalbag 132kV Ckt-2 Scheduled S/D from Kalyanpur 132/33kV end.	20.0MW load interrup.
07:44	07:25	Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Pbs work	
07:26	09:27	Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Pbs work	20.0MW load interrup.
09:27	09:35	Mymensingh 200 MW PP (United) Synchronized	
09:35	09:37	Jamalpur 115 MW PP (United) Synchronized	
09:37	09:39	Mymensingh 200 MW PP (United) Synchronized	
09:39	07:28	Kodda 150 MW PP B-R Synchronized	
07:28	07:29	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Dead line checking due Thunderstorm.	
07:29	07:29	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Deadline checking due to heavy Thunderstorm	
07:29	07:53	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Deadline checking due to heavy Thunderstorm	
07:53		Keraniganj 230/132/33kV S/S Hasnabad Tripped showing 86.1 relays Due to Thundering	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle