

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

Reporting Date : 20-May-24

Till now the maximum generation is :-		16477.0		21:00	Hrs	on	30-Apr-24
The Summary of Yesterday's		19-May-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	13540.0 MW	Hour :	12:00	Min. Gen. at	6:00		10691
Evening Peak Generation :	14206.0 MW	Hour :	19:30	Available Max Generation :			16950
E.P. Demand (at gen end) :	14300.0 MW	Hour :	19:30	Max Demand (Evening) :			15000
Maximum Generation :	14206.0 MW	Hour :	19:30	Reserve(Generation end)			1950
Total Gen. (MKWH) :	318.369	System Load Factor	93.38%	Load Shed			0

Export from East grid to West grid :- Maximum		268 MW		at	20:00	Energy
Import from West grid to East grid :- Maximum		-		at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A M on 72.66	FL(MSL),	20-May-24	Rule curve :	78.58	FL( MSL )

Gas Consumed :	Total =	1235.55 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk474,488,770	Coal :	Tk580,628,082	Oil :	Tk720,813,563
					Total :	Tk1,775,930,416

**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	0:00		MW	0:00	
Dhaka	90	0:00	4955	0	0%	
Chittagong Area	0	0:00	1364	0	0%	
Khulna Area	0	0:00	1911	0	0%	
Rajshahi Area	0	0:00	1662	0	0%	
Cumilla Area	0	0:00	1367	0	0%	
Mymensingh Area	0	0:00	1017	0	0%	
Sylhet Area	0	0:00	570	0	0%	
Barisal Area	0	0:00	475	0	0%	
Rangpur Area	0	0:00	929	0	0%	
<b>Total</b>	<b>90</b>	<b>0:00</b>	<b>14249</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) Ghorasal-3,4,7
	3) Shajibazar 330 MW
	4) Baghabari-100, 70 MW
	5) Raosan unit-2
	6) Siddhirganj 210 MW .

**Additional Information of Machines, lines, Interruption / Forced Load shed etc.**

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:28	20:03	Gopalganj 400/132kV S/S ATR-03 HT Project Work S/D	
08:28	20:03	Gopalganj 400/132kV S/S ATR-03 LT Project Work S/D	
08:31	20:25	Bogura-Rahanpur 400kV Ckt-1 Scheduled S/D from Bogura 400/230kV end Due to DFRD Commissioning and from Rahanpur 400/132kV end Due to Project work at Bogura	
08:39	12:23	Magura 132/33kV S/S T-3 (425T) LT Forced S/D Due to Red Hot Maintenance.	
08:40	12:22	Magura 132/33kV S/S T-3 (425T) HT Forced S/D Due to Red Hot Maintenance.	
08:43	08:53	Shajibazar 132/33kV S/S TR-02 LT Tripped showing Instantaneous relays Due to PBS 33kV Feeder fault	
08:43	19:38	Keraniganj 230/132/33kV S/S Hasnabad Scheduled S/D Due to Right of way work at Hasnabad end.	
08:54	08:54	Bashundhara-Rampura 132 kV Ckt-1 is restored.	
09:13	18:34	Barapukuria-Bogura 230 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Project work	
09:41	17:57	Sherpur 230/132/33kV S/S Sherpur-Ashuganj Ckt-2 Scheduled S/D Due to AR Modification	
10:34	21:02	Haripur 230/132kV S/S 132kV Main Bus Sec-2 Project Work S/D Due to Busbar Protection work by Ira Construction.	
10:55	14:48	Haripur-Siddhirganj 230kV Ckt-2 Forced S/D from Siddhirganj 132/33kV end Due to Maintenance work in Haripur end.	
10:56	14:51	Haripur-Siddhirganj 132kV Ckt-2 Scheduled S/D from Haripur 230/132kV end Due to Isolator finger change.	
11:10		Savar 132/33kV S/S Capacitor Bank-3 Scheduled S/D Due to switchyard printing, cleaning and maintenance	
11:10		Savar 132/33kV S/S Capacitor Bank-2 Scheduled S/D Due to switchyard printing, cleaning and maintenance	
11:10		Savar 132/33kV S/S Capacitor Bank-1 Scheduled S/D Due to switchyard printing, cleaning and maintenance	
12:00		Day Peak Gen. 13541 MW	
	12:16	Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 is restored.	
	12:16	Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 is restored.	
12:36	12:51	Barohat-Halazari 132 kV Ckt-2 Tripped from Barohat 132/33kV end showing Trip relay K31, k34 & K34X relays. and from Hathazari 230/132/33kV end showing Main relays Due to Earth fault	
	12:46	Fenchuganj-Sylhet 132kV Ckt-1 is restored.	
15:06	15:30	Sholoshor 132/33kV S/S TRAF0-02 HT Forced S/D Due to A while ago due to wind, we notice a strip of wire is hanging on conductor of 132kV side of Transformer-02 on phase B. It is urgent to remove the strip as soon as possible.	
	15:30	Sholoshor 132/33kV S/S TRAF0-02 HT is restored.	
	15:30	Sholoshor 132/33kV S/S TRAF0-02 HT is restored.	
15:56	16:15	Ishwardi 132/33kV S/S 230/132 kV T02 Incoming Forced S/D Due to bushing CT sounds abnormal in associated breaker .	
16:47	18:01	Haripur 230/132kV S/S Ustion (Maniknagar-2) Tripped showing PH Y, Z1, DIST.SEND relays Due to Rain & Thundering Evening Peak Generation = 14,207MW	
20:01	20:11	Sherpur 132/33kV S/S Transformer- 01 HT Tripped showing IDMT-O/C. relays Due to SPBS 33 KV feeder fault due to bad Walthor.	16.0MW load interrup.
20:01	20:14	Sherpur 132/33kV S/S Transformer- 01 LT Tripped showing IDMT-O/C & E/F. relays Due to SPBS 33 KV feeder fault due to bad Walthor.	16.0MW load interrup.
20:01	20:12	Sherpur 132/33kV S/S Transformer- 02 LT Tripped showing IDMT-O/C. relays Due to SPBS 33 KV feeder fault due to bad Walthor.	40.0MW load interrup.
22:10		Joypurhat-Naogaon 132kV Ckt-1 Tripped from Joypurhat 132/33kV end showing MiCom, P-442 relays Due to Trip	
23:51	00:26	Bogura 230/132kV S/S Confidence UN-1 Tripped showing Gen. trip.Z-1B-Phase KF 861 Lockout relays relays Due to Stormy Rain	
23:51	00:24	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-1 Tripped from Bogura 230/132kV end showing Distance Relay 67/67N Relay relays Due to Stormy Rain	
23:52		Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 Tripped from Thakurgaon 132/33kV end showing Distance Relay Zone -1 (C phase) relays.	
00:42	01:03	Panchagarh-Thakurgaon 132kV Ckt-1 Tripped from Thakurgaon 132/33kV end showing N/A relays Due to N/A and from Panchagarh 132/33kV end showing N/A relays Due to N/A	40.0MW load interrup. Thakurgaon 132/33kV end and 30.0MW load interrup. Panchagarh 132/33kV end.
00:42	01:03	Thakurgaon 132/33kV S/S T-3(432T) HT Tripped showing trip relay relays.	
00:42	01:03	Thakurgaon 132/33kV S/S T-3(432T) LT Tripped showing trip relay relays.	
03:34	04:30	Purbasadipur-Saidpur 132kV Ckt-2 Tripped from Purbasadipur 132/33kV end showing Z1 operateA phaseB phaseC phaseDistance 10.8 kmCar. SendSOTFGeneral Trip relays Due to Thundering Minimum Generation : 10691 MW	
06:00		Brahmanbaria 132/33kV S/S 401T HT Scheduled S/D Due to Hot spot maintenance.	50.0MW load interrup.
07:04		Brahmanbaria 132/33kV S/S 401T LT Scheduled S/D Due to Hot spot maintenance.	50.0MW load interrup.
07:43		Bogura 230/132kV S/S T-02 HT Scheduled S/D Due to Project Work	
07:43		Bogura 230/132kV S/S T-02 LT Scheduled S/D Due to Project Work	
07:25		Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Pbs work	20.0MW load interrup.
07:26		Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Pbs work	20.0MW load interrup.
09:27		Mymensingh 200 MW PP (United) Synchronized	
09:35		Jamalpur 115 MW PP (United) Synchronized	
09:37		Mymensingh 200 MW PP (United) Synchronized	
09:39		Kodda 150 MW PP B-R Synchronized	
07:28		Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Dead line checking due Thunderstorm.	
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		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