

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

Reporting Date : 19-May-24

Till now the maximum generation is :-

16477.0

21:00

Hrs on 30-Apr-24

The Summary of Yesterday's		18-May-24	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :		11925.0 MW	Hour :	9:00	Min. Gen. at	8:00
Evening Peak Generation :		14628.0 MW	Hour :	19:30	Available Max Generation	16896
E.P. Demand (at gen end) :		14628.0 MW	Hour :	19:30	Max Demand (Evening) :	15000
Maximum Generation :		14740.0 MW	Hour :	1:00	Reserve(Generation end)	1896
Total Gen. (MKWH) :		318.053	System Load Factor :	89.91%	Load Shed	0

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Export from East grid to West grid :- Maximum	210 MW	at	5:00	Energy	
Import from West grid to East grid :- Maximum				Energy	
Actual :	78.82	Fl.(MSL) :	19-May-24	Rule curve :	78.58 Fl.(MSL)

Gas Consumed :	Total =	1220.36 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+Pv) :	Gas :	Tk460,936,599	Oil :	Tk8,780,495	Total :	Tk1,869,433,075
	Coal :	Tk589,715,980				

**Load Shedding & Other Information**

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	Time	MW	Estimated Demand (S/S end) MW	Estimated Shedding (S/S end) MW	
Dhaka	0	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>0</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) Raizan unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:41	23:29	Bogura-Rahanpur 400kV Ckt-2 Scheduled S/D from Bogura 400/230kV end Due to DFDR commissioning and from Rahanpur 400/132kV end Due to DFDR, SCADA, TWFL Pre commissioning work at Bogura Grid.	
08:44	11:59	Hasnabad-Keraniganj 230kV Ckt-2 Scheduled S/D from Keraniganj 230/132/33kV end Due to High Temperature Maintenance work.	
08:45	23:39	Barapukuria-Bogura 230 kV Ckt-2 Scheduled S/D from Bogura 230/132kV end Due to SAS, DFDR, TWFL & SCADA pre-commissioning work	
08:56	18:24	Gopalganj 400/132kV S/S ATR-01 HT Project Work S/D	
08:56	18:29	Gopalganj 400/132kV S/S ATR-01 LT Project Work S/D	
08:56	18:29	Gopalganj 400/132kV S/S 132kV Bus-01 Project Work S/D	
09:00		Day Peak generation = 11,926MW	
	09:07	Bogura 132/33kV S/S Transformer-4 HT is restored.	
	09:08	Bogura 132/33kV S/S Transformer-4 LT is restored.	
09:57	16:41	Khulna(S) 230/132kV S/S TR-2 HT Project Work S/D Due to Due to GIS Bay Work by 800MW NWPGL Project	
09:58	16:44	Khulna(S) 230/132kV S/S TR-2 LT Project Work S/D Due to Due to GIS Bay Work by 800MW NWPGL Project	
10:07	22:01	Khulna(S) 230/132kV S/S 230 kV Main Bus 1 Project Work S/D Due to Due to GIS Bay Work by 800MW NWPGL Project	
10:08	10:55	Sonargaon 132/33kV S/S T-2 LT Tripped showing 51/67 over current relays Due to Salaam Steel 33kV feeder fault	65.0MW load interrup.
	10:37	Savar 132/33kV S/S Main Bus is restored.	
	10:38	Candpur (Desh)- Chandpur 132kV Ckt-1 is restored.	
10:43	21:10	Haripur 230/132kV S/S 132kV Main Bus Sec-1 Scheduled S/D Due to 132kV Busbar protection works by Era construction.	
10:47	14:53	Candpur (Desh)- Chandpur 132kV Ckt-2 Scheduled S/D from Chandpur 132/33kV end Due to Red hot maintenance work	
11:09	12:36	Brahmanbaria-Narsingdi 132 kV Ckt-1 Tripped from Brahmanbaria 132/33kV end showing Distance protection relays Due to Zone-01, R-phase and Y-phase	
11:09	11:10	Brahmanbaria-Narsingdi 132 kV Ckt-2 Tripped from Brahmanbaria 132/33kV end showing Distance protection relays Due to Zone-01, B-phase	
11:55	11:11	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 is restored.	
12:00	12:28	Candpur (Desh)- Chandpur 132kV Ckt-1 Tripped from Chandpur 132/33kV end showing Distance Relay relays Due to Unknown	
12:33	21:57	Hasnabad-Sitalakhya 132kV Ckt-1 Scheduled S/D from Sitalakhya 132/33kV end Due to NLDC and from Hasnabad 132/33kV end Due to Nldc instruction	
12:45	14:03	Hathazari 230/132/33kV S/S MT-04 LT Scheduled S/D Due to Hot spot maintenance.	
12:45	14:02	Hathazari 230/132/33kV S/S MT-04 HT Scheduled S/D Due to Hot spot maintenance.	
	14:52	Hathazari 230/132/33kV S/S 230kV MAIN BUS-02 is restored.	
	14:56	Chandpur 132/33kV S/S Bus-B is restored.	
	16:23	Sitalakhya 132/33kV S/S 132 kV MI Cement HT is restored.	
17:43	18:00	Patuakhali 132/33kV S/S 405T (T-1) HT Tripped showing Differential relay relays Due to Khepupara tripped due to fault in 33 kV feeder, after which when the said Khepupara was given trial, 132 kV and 33 kV side of T-1 transformer tripped due to earth fault	8.5.0MW load interrup.
17:43	18:01	Patuakhali 132/33kV S/S 405T (T-1) LT Tripped showing O/C & E/F relay relays Due to Khepupara tripped due to fault in 33 kV feeder, after which when the said Khepupara was given trial, 132 kV and 33 kV side of T-1 transformer tripped due to earth fault.	8.5.0MW load interrup.
	18:01	Patuakhali 132/33kV S/S 405T (T-1) LT is restored.	
19:30		Evening peak generation : 14628 MW	
21:52	22:03	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT Tripped showing Over Current Relay relays Due to Incomer tripped due to 33kV Morrelgonj feeder fault.	19.0MW load interrup.
21:52	22:02	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Tripped showing Over Current Relay relays Due to Incomer tripped due to 33kV Morrelgonj feeder fault.	19.0MW load interrup.
23:08	23:42	Jaldhaka-Saidpur 132kV Ckt-2 Tripped from Saidpur 132/33kV end showing Distance Relay, zone 1, C phase relays, and from Jaldhaka 132/33kV end showing P443 relays Due to Rain and Thundering	
06:27		Fanchuganj-Sylhet 132kV Ckt-1 Tripped from Sylhet 132/33kV end showing C Phase Zone 1 relays Due to Raining	
07:00		Minimum generation is 11816 MW	
07:24		Bashundhara-Rampura 132 kV Ckt-1 Scheduled S/D from Rampura 230/132kV end Due to For conductor Araming 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