Power Grid Bangladesh PLC
National Load Dispatch Center (NLDC)
System Summary Report

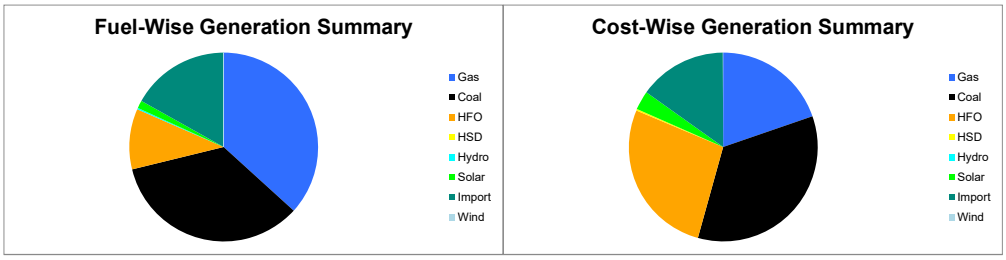
Date : 19-05-2026

Power Supply Scenario

Day Peak Generation	14381.46	MW	12:00 Hr.	Energy Generated	348.22367	MKWHr.
Day Peak Demand	14433.71	MW	12:00 Hr.	Energy Unserverd	4.12600	MKWHr.
Evening Peak Generation	16676	MW	20:00 Hr.	Energy Demand	352.34967	MKWHr.
Evening Peak Demand	16995	MW	20:00 Hr.	Maximum Temperature	34.70	°C
Minimum Generation of the Day	12264.98	MW	06:00 Hr.	Total Gas Supplied	926.01	MMCFD
Maximum Generation of the Day	16676	MW	20:00 Hr.	Production Cost per KWHr	6.51986	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	34.67	0.00	16.60	0.00	0.00	0.20	0.00	0.00	51.47
Chattogram Zone	5.33	48.08	5.92	0.00	0.82	0.12	0.00	0.12	60.38
Cumilla Zone	30.88	0.00	5.33	0.00	0.00	0.42	3.84	0.00	40.48
Mymensingh Zone	0.00	0.00	2.38	0.00	0.00	0.35	0.00	0.00	2.73
Sylhet Zone	28.88	0.00	0.00	0.00	0.00	0.07	0.00	0.00	28.95
Khulna Zone	3.62	24.17	0.74	0.00	0.00	0.54	21.65	0.00	50.73
Barishal Zone	8.23	46.63	0.99	0.00	0.00	0.00	0.00	0.00	55.85
Rajshahi Zone	16.30	0.00	2.29	0.00	0.00	1.29	33.09	0.00	52.98
Rangpur Zone	0.00	1.15	1.77	0.19	0.00	1.55	0.00	0.00	4.65
Total	127.91	120.03	36.01	0.19	0.82	4.55	58.59	0.12	348.22



Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	447205163.9	Hydro	82028
Coal	786494493.4	Solar	74116396.23
HFO	613433576.6	Import	341549803.7
HSD	5792532.16	Wind	1694592
	Total:	227,03,68,585	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.648	Peak Hr Flow	904.00 MW at 20:00 hrs.
Energy Flow from West to East:	KWHr:	54570236.42	Import through Adani C/B Interconnector:	MKWHr:	33.093452	Peak Hr Flow	1270.00 MW at 20:00 hrs.
Flow during Peak Demand (W-E):	MW:	2461	Import through Cumilla C/B Interconnector:	MKWHr:	3.8448	Peak Hr Flow	162.00 MW at 20:00 hrs.
Maximum Power Flow (W-E):	MW:	2689	Total Import through C/B Interconnector:	MKWHr:	58.586252	Peak Hr Flow	2336.00 MW at 20:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (20:00 Hr.)

Zone	**Load-Shed**	**Demand**
Dhaka	33	6132
Chattogram	10	1626
Cumilla	16	1569
Mymensingh	197	1203
Sylhet	0	629
Khulna	49	2011
Barishal	0	520
Rajshahi	0	1716
Rangpur	0	1066
Total	**305**	**16472**

Status of unavailable Power Plant

Planned S/D			**Forced S/D**		
Sl	Plant Name	Capacity	Sl	Plant Name	Capacity
1	Baghabari 100 MW GTPP	100			
2	Barapukuria TPP Unit-2	85			
3	Siddhirgonj 210 MW TPP	115			
	Total	300		Total	0
	Total Unavailable Capacity	**300**			

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
	08:25	Lalmonirhat 132/33kV S/S Kurigram-Lalmonirhat is restored.	
	08:26	Mymensingh 132/33kV S/S Bus B is restored.	
	08:40	Lalmonirhat-Rangpur 132 kV Ckt-2 is restored.	
	08:45	Kurigram-Lalmonirhat 132kV Ckt-1 is restored.	
08:57		Chowmuhani 230/132/33kV S/S ATR-03 HT Project Work S/D Due to AVR Replacement & testing work.	
08:57		Chowmuhani 230/132/33kV S/S ATR-03 LT Project Work S/D Due to AVR Replacement & testing work.	

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	09:04	Mymensingh-Netrokona 132kV Ckt-1 is restored.	
09:21	17:29	Gopalganj(N)-Madaripur 132kV Ckt-1 Scheduled S/D from Gopalganj 400/132kV end Due to Tree trimming and from Madaripur 132/33kV end Due to Gopalgonj (N) 400 KV Work Purpose	
09:22	17:30	Gopalganj(N)-Madaripur 132kV Ckt-2 Scheduled S/D from Gopalganj 400/132kV end Due to Tree Trimming and from Madaripur 132/33kV end Due to Gopalgonj (N) 400KV work purpose	
09:28	19:40	Korerhat 400/230/132kV S/S Feni -1 Project Work S/D Due to project work	
09:31	20:41	BSRM-Cumilla(N) 230 kV Ckt-1 Project Work S/D from Feni 230/132kV end Due to Witness Work of SAS And DFDR	
10:01	12:58	Ishurdi-Pabna 132kV ckt Project Work S/D from Ishurdi 132/33kV end Due to remove scaffolding work	
	10:10	Mymensingh 132/33kV S/S Transformer-1 (404T) HT is restored.	
	10:10	Mymensingh 132/33kV S/S Transformer-1 (404T) LT is restored.	
10:12	14:02	Mymensingh 132/33kV S/S Transformer-3 (424T) HT Scheduled S/D	
10:12	14:03	Mymensingh 132/33kV S/S Transformer-3 (424T) LT Scheduled S/D Due to None	
	10:33	Kalurghat 132/33kV S/S TRFO-02(516T) LT is restored.	
10:38	13:04	Patuakhali-Payra 132kV Ckt-1 Project Work S/D from Patuakhali 132/33kV end Due to S/D by ALDC and from Payra 400/132/33kV end Due to High temperature at primary junction point of CT	
11:02	13:11	Lalmonirhat 132/33kV S/S Kurigram-Lalmonirhat Scheduled S/D Due to Line clearing from 33 ke feer	
11:04	13:11	Lalmonirhat-Rangpur 132 kV Ckt-2 Forced S/D from Kurigram 132/33kV end.	
12:00		Day Peak Generation is 14378 MW.	
12:08		Aggreko-keraniganj 132kV Ckt-1 Scheduled S/D from Keranigonj 230/132/33kV end Due to Maintenance work at hasnabad end.	
13:20	14:55	Patuakhali-Payra 132kV Ckt-2 Project Work S/D from Patuakhali 132/33kV end Due to S/D by ALDC and from Payra 400/132/33kV end Due to High temperature at primary junction point of CT	
13:25		Gopalganj old 132/33kV T-3 (80/120 MVA) transformer was charged from 132kV end at 13:25 hrs. for the first time.	
13:42	16:06	Kishoreganj 132/33kV S/S Tr-1 (404T) LT Scheduled S/D Due to Pbs redhot maintenance	15.0MW load interrup.
13:43	16:05	Kishoreganj 132/33kV S/S Tr-1 (404T) HT Scheduled S/D Due to Pbs red hot maintenance	15.0MW load interrup.
13:48		Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) Forced S/D Due to Increase system voltage.	
16:31	17:10	Kulaura 132/33kV S/S TR-1 AB LT Scheduled S/D Due to TR -1(A+B) side132 KV CT Red Hot maintenance	
16:32	17:08	Kulaura 132/33kV S/S TR-1 AB HT Scheduled S/D Due to TR -1(A+B) side132 KV CT Red Hot maintenance	
17:12	18:10	Jhenaidah 132/33kV S/S Transformer T-3 LT Forced S/D Due to 33kv T3A side DS, Y-phase nut bolt redhot under the T3 transformer.	20.0MW load interrup.
17:13	18:10	Jhenaidah 132/33kV S/S Transformer T-3 HT Forced S/D Due to 33kv T3A side DS, Y-phase nut bolt redhot under the T3 transformer.	20.0MW load interrup.
	18:16	Aminbazar-Kallyanpur 132kV Ckt-2 is restored.	
20:00		Evening Peak Generation is 16676 MW.	
21:47	21:57	Bhaluka-Mymensingh 132 kV Ckt-1 Tripped from Bhaluka 132/33kV end showing 67 Dicectional overcurrent relays.	100.0MW load interrup. Bhaluka 132/33kV end
21:47	21:57	Bhaluka-Mymensingh 132 kV Ckt-2 Tripped from Bhaluka 132/33kV end showing 67 Dicectional overcurrent. relays.	100.0MW load interrup. Bhaluka 132/33kV end
21:47	22:00	Bhaluka 132/33kV S/S 01. Transformer- 01 LT Tripped showing SPS Trip. relays Due to None	75.0MW load interrup.
21:47	22:00	Bhaluka 132/33kV S/S 02. Transformer- 02 LT Tripped showing SPS Trip. relays.	75.0MW load interrup.
22:08	23:47	Feni 132/33kV S/S T-1(405T) HT Scheduled S/D Due to For PDB 33KV Doreen Ckt Red Hot Maintenance Work.	40.0MW load interrup.
22:09	23:47	Feni 132/33kV S/S T-1(405T) LT Scheduled S/D Due to For PDB 33KV Doreen Ckt Red Hot	40.0MW load

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		Maintenance Work.	interrup.
22:26	02:38	Lalmonirhat-Rangpur 132 kV Ckt-2 Forced S/D from Rangpur 132/33kV end Due to CT (Current Transformer) connection strip burned at the 132kV Lalmonirhat Control & Relay Panel requires an emergency maintenance.	
04:43		Kaliakoir 400/230/132kV S/S 230kV Bus 1 Forced S/D Due to Trip	
06:11		Barishal 230/132kV S/S T-5 LT Scheduled S/D Due to 33kv jhalokathi feeder DS maintenance	35.0MW load interrup.
06:12		Barishal 230/132kV S/S T-5 HT Scheduled S/D Due to 33kv jhalokathi feeder DS maintenance	35.0MW load interrup.
06:27	06:59	Bhaluka 132/33kV S/S 01. Transformer- 01 LT Scheduled S/D Due to High temp. maintenance .	45.0MW load interrup.
06:28	06:58	Bhaluka 132/33kV S/S 01. Transformer- 01 HT Scheduled S/D Due to High temp. maintenance.	45.0MW load interrup.
06:49		Rangpur 132/33kV S/S T-1(414T) LT Scheduled S/D Due to 33kV BUS Section-1 shutdown due to NESCO Burihat-1 feeder raiser red hot.	
06:49		Rangpur 132/33kV S/S T-1(414T) HT Scheduled S/D Due to 33kV BUS Section-1 shutdown due to NESCO Burihat-1 feeder raiser red hot.	
07:00		Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Redhot Maintenance.	60.0MW load interrup.
07:01		Bhaluka 132/33kV S/S 02. Transformer- 02 LT Scheduled S/D Due to High temperature maintenance.	50.0MW load interrup.
07:02		Bhaluka 132/33kV S/S 02. Transformer- 02 HT Scheduled S/D Due to High temperature maintenance.	49.0MW load interrup.
07:02	08:00	Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D Due to Redhot Maintenance.	60.0MW load interrup.
07:20		Narshingdi 132/33kV S/S T-2 LT Scheduled S/D Due to 33 kv bus DS redhot	35.0MW load interrup.
07:23		Narshingdi 132/33kV S/S T-2 HT Scheduled S/D Due to 33 kv bus BS redhot	35.0MW load interrup.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division