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

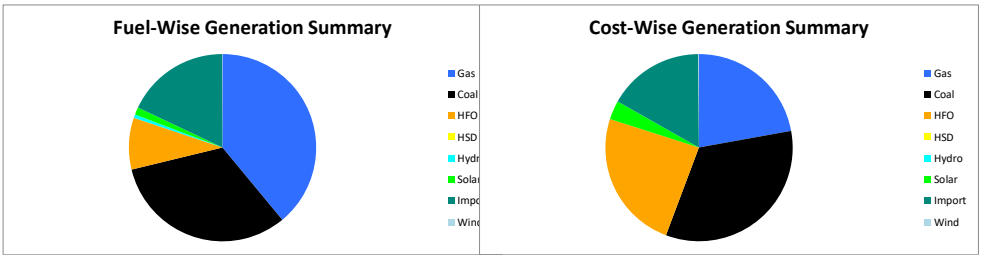
Date : 15-05-2026

Power Supply Scenario

Day Peak Generation	12921.82	MW	12:00 Hr.	Energy Generated	317.76358	MKWHr.
Day Peak Demand	12982.82	MW	12:00 Hr.	Energy Unserverd	1.23300	MKWHr.
Evening Peak Generation	14544.5	MW	21:00 Hr.	Energy Demand	318.99658	MKWHr.
Evening Peak Demand	14599.89	MW	21:00 Hr.	Maximum Temperature	35.20	°C
Minimum Generation of the Day	11860.8	MW	09:00 Hr.	Total Gas Supplied	937.40	MMCFD
Maximum Generation of the Day	14797.71	MW	00:00 Hr.	Production Cost per KWHr	6.19071	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	34.48	0.00	13.55	0.00	0.00	0.02	0.00	0.00	48.04
Chattogram Zone	5.51	46.73	3.09	0.00	1.83	0.14	0.00	0.17	57.46
Cumilla Zone	26.38	0.00	3.60	0.00	0.00	0.50	3.21	0.00	33.69
Mymensingh Zone	0.00	0.00	2.36	0.00	0.00	0.26	0.00	0.00	2.62
Sylhet Zone	28.94	0.00	0.00	0.00	0.00	0.05	0.00	0.00	29.00
Khulna Zone	4.70	14.09	0.40	0.00	0.00	0.70	21.79	0.00	41.68
Barishal Zone	8.20	40.44	1.70	0.00	0.00	0.00	0.00	0.00	50.34
Rajshahi Zone	15.77	0.00	1.84	0.00	0.00	1.35	31.87	0.00	50.83
Rangpur Zone	0.00	1.10	1.96	0.00	0.00	1.04	0.00	0.00	4.11
Total	123.98	102.37	28.49	0.00	1.83	4.07	56.87	0.17	317.76



Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	435271994.8	Hydro	182550
Coal	661365570.8	Solar	64079745.34
HFO	475914320.5	Import	327854423.4
HSD	0	Wind	2513644.8
	Total:	196,71,82,249	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.786182	Peak Hr Flow	906.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	39853600	Import through Adani C/B Interconnector:	MKWHr:	31.870182	Peak Hr Flow	1455.00 MW at 21:00 hrs.
ow during Peak Demand (W-E):	MW:	1612	Import through Cumilla C/B Interconnector:	MKWHr:	3.21312	Peak Hr Flow	150.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	2314	Total Import through C/B Interconnector:	MKWHr:	56.869484	Peak Hr Flow	2511.00 MW at 21:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (21:00 Hr.)

Zone	**Load-Shed**	**Demand**
Dhaka	0	5123
Chattogram	0	1472
Cumilla	0	1382
Mymensingh	53	1002
Sylhet	0	488
Khulna	0	1882
Barishal	0	494
Rajshahi	0	1451
Rangpur	0	893
Total	**53**	**14187**

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
08:28		Sreepur 230/132/33kV S/S 132/33 kV T-1 LT Project Work S/D Due to PTR-1 transformer dismantle by project-2	
08:29		Sreepur 230/132/33kV S/S 132/33 kV T-1 HT Project Work S/D Due to PTR-1 Transformer dismantle by project-2.	
08:31		Ashuganj 450 MW CCPP(North) Shutdown with remarks:- GT	
08:32		Sirajgonj 225MW CCPP Unit-2 GT Synchronized with remarks:- GTG has been synchronized with grid as per NLDC demand.	
08:32		Sirajgonj 225MW CCPP Unit-2 Synchronized with remarks:- GT	

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08:32		Sirajgonj 225MW CCPP Unit-2 Synchronized with remarks:- GT	
08:32		Sirajgonj 225MW CCPP Unit-2 Synchronized	
08:32		Sirajgonj 225MW CCPP Unit-2 Synchronized with remarks:- GT	
08:41	11:55	Ghorasal-Joydeb-B 132kV Ckt-1 Project Work S/D from Pubail 132/33kV end Due to line maintenance	
	08:50	Aminbazar 400/230/132kV S/S 230/132kv Tr-03 HT is restored.	
	08:53	Aminbazar 400/230/132kV S/S 230/132kv Tr-03 LT is restored.	
	08:58	Aminbazar 400/230/132kV S/S 132 kv Bus 02 is restored.	
09:35	20:32	Hasnabad-Shyampur 230kV Ckt-1 Scheduled S/D from Shyampur 230/132kV end Due to To control the load flow of Meghnaghat Ckt-01	
09:37	16:38	GPH 230/33kV S/S Transformer -2 (D07) HT Scheduled S/D Due to for general maintenance	
09:37	09:38	GPH 230/33kV S/S Transformer-01(D05) HT Scheduled S/D Due to for general maintenance	
	09:40	Daudkandi 132/33kV S/S Transformer-3 HT is restored.	
	09:42	Daudkandi 132/33kV S/S Transformer-3 LT is restored.	
09:42		Sirajgonj 225MW CCPP Unit-2, fuel is changed from HSD to Gas with remarks:-	
09:46	18:36	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-2 Scheduled S/D Due to Due to Conductor Shifting from Exiting line tower to ERS tower.	
09:46	18:36	Bogura 400/230kV S/S Bogura - Parbotipur 230 kV Ckt-1 Scheduled S/D Due to Due to Conductor Shifting from Exiting line tower to ERS tower.	
09:48	12:58	Maijdee 132/33kV S/S Tr-02 HT Scheduled S/D Due to Mohabbotpur Feeder 33KV Bus Red Hot Maintenance.	
09:57	12:55	Maijdee 132/33kV S/S TR-01 HT Scheduled S/D Due to Subarnochor Feeder 33KV Bus Red Hot Maintenance.	
10:24	12:12	Sreepur 230/132/33kV S/S 230 kV Bus-1 Project Work S/D Due to PSDC Project Work.	
	10:29	Daudkandi 132/33kV S/S Transformer-2 HT is restored.	
	10:32	Daudkandi 132/33kV S/S Transformer-2 LT is restored.	
11:35		Sirajgonj 225MW CCPP Unit-2 ST Synchronized with remarks:- STG has been synchronized with grid as per NLDC demand.	
11:35		Sirajgonj 225MW CCPP Unit-2 Synchronized with remarks:- ST	
12:00		Day peak generation 12919 MW	
	12:14	Ghorasal-Joydeb-B 132kV Ckt-2 is restored.	
12:35		Khagrachari-Rangamati 132kV Ckt-2 Tripped from Khagrachori 132/33kV end showing REL 670 relays Due to Rangamati Ckt-2 Y ph Loop Broken	
	14:06	Halishahar 132/33kV S/S 405T(TR-1) HT is restored.	
	14:09	Halishahar 132/33kV S/S 415T(TR-2) HT is restored.	
14:56	17:18	Ghorasal-Joydeb-B 132kV Ckt-2 Project Work S/D from Joydebpur 132/33kV end.	60.0MW load interrup. Joydebpur 132/33kV end
15:38	15:43	Bhaluka 132/33kV S/S 03. Transformer-03 LT Tripped showing O/C,E/F Relay relays.	7.0MW load interrup.
	20:32	Meghnaghat-Shyampur 230kV Ckt-2 is restored.	
	20:34	Haripur-Meghnaghat 230kV Ckt-1 is restored.	
21:00		Evening Peak Generation is 14544 MW.	
22:26	23:28	Bashundhara-Tongi 132 kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Hotspot maintenance	
01:32	02:16	Dohazari 132/33kV S/S Power Transformer -T-1 LT Scheduled S/D Due to Banshkhali 33 kv feeder redhot maintenance	25.0MW load interrup.
01:33	02:15	Dohazari 132/33kV S/S Power Transformer -T-1 HT Scheduled S/D Due to Banshkhali 33kv feeder redhot maintenance	25.0MW load interrup.
03:40		Sonargaon 132/33kV S/S Bashundhara Line Tripped showing Line distance & differential relays Due to Due To line distance and diffential fault	4.0MW load interrup.
05:38		Meghnaghat-Shyampur 230kV Ckt-2 Scheduled S/D from Shyampur 230/132kV end Due to OPGW	

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Conductor repairing at tower no-22-26 and from Meghnaghat 400/230kV end Due to for maintenance work

07:02	Mongla 132/33kV S/S T-1 LT Scheduled S/D Due to WZPDCL 33KV BUS SIDE RED HOT	7.0MW load interrup.
07:02	Mongla 132/33kV S/S T-1 HT Scheduled S/D Due to WZPDCL 33KV BUS SIDE RED HOT	7.0MW load interrup.
07:03	Shariatpur 132/33kV S/S T1-406T LT Scheduled S/D Due to Maintenance Work by PBS.	30.0MW load interrup.
07:04	Shariatpur 132/33kV S/S T1-406T HT Scheduled S/D Due to Maintenance Work by PBS.	30.0MW load interrup.
07:10	Borhanuddin 230/33kV S/S Bus Forced S/D Due to 33 kv incomer Breacar Red Hot maintains	90.0MW load interrup.
07:16	Mymensingh 132/33kV S/S Transformer-2 (414T) HT Scheduled S/D	
07:16	Mymensingh 132/33kV S/S Transformer-1 (404T) HT Scheduled S/D	
07:45	Faridpur 132/33kV S/S Transformer-2 LT Scheduled S/D	39.0MW load interrup.
07:45	Faridpur 132/33kV S/S Transformer-2 HT Scheduled S/D	39.0MW load interrup.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division