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

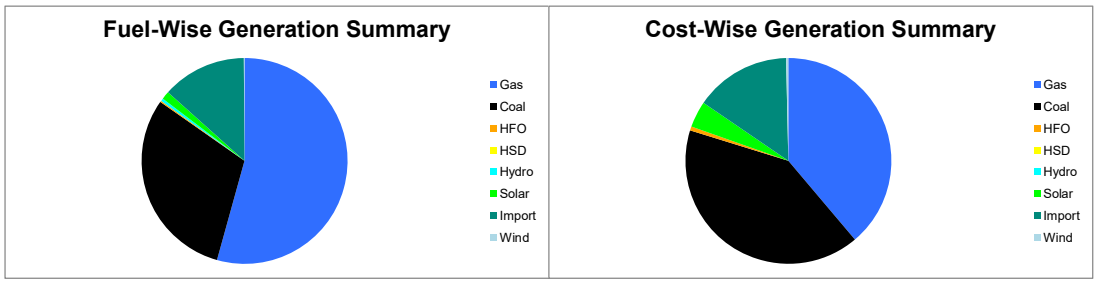
Date : 27-03-2026

Power Supply Scenario

Day Peak Generation	6576.89	MW	12:00 Hr.	Energy Generated	201.11604	MKWHr.
Day Peak Demand	6576.89	MW	12:00 Hr.	Energy Unserverd	0.00000	MKWHr.
Evening Peak Generation	9968	MW	20:00 Hr.	Energy Demand	201.11604	MKWHr.
Evening Peak Demand	9968	MW	20:00 Hr.	Maximum Temperature	29.00	°C
Minimum Generation of the Day	5755.52	MW	09:00 Hr.	Total Gas Supplied	800.42	MMCFD
Maximum Generation of the Day	10786.95	MW	00:00 Hr.	Production Cost per KWHr	4.90296	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	30.74	0.00	0.03	0.00	0.00	0.16	0.00	0.00	30.93
Chattogram Zone	4.19	18.86	0.01	0.00	0.85	0.10	0.00	0.25	24.26
Cumilla Zone	24.31	0.00	0.00	0.00	0.00	0.12	1.63	0.00	26.06
Mymensingh Zone	2.63	0.00	0.21	0.00	0.00	0.18	0.00	0.00	3.02
Sylhet Zone	18.58	0.00	0.00	0.00	0.00	0.02	0.00	0.00	18.61
Khulna Zone	8.12	9.87	0.00	0.00	0.00	0.33	11.98	0.00	30.31
Barishal Zone	6.98	31.27	0.00	0.00	0.00	0.00	0.00	0.00	38.26
Rajshahi Zone	13.67	0.00	0.00	0.00	0.00	0.93	13.05	0.00	27.66
Rangpur Zone	0.00	1.20	0.12	0.00	0.00	0.68	0.00	0.00	2.01
Total	109.24	61.21	0.37	0.00	0.85	2.53	26.67	0.25	201.12



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	383123748.7	Hydro	84570
Coal	403725715.8	Solar	40923975.66
HFO	6006500.89	Import	148456743.5
HSD	0	Wind	3742224
	Total:	98,60,63,478	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	70254.55	Import through HVDC C/B Interconnector:	MKWHr:	11.984724	Peak Hr Flow	620.00 MW at 20:00 hrs.
Energy Flow from West to East:	KWHr:	19997418.18	Import through Adani C/B Interconnector:	MKWHr:	13.051649	Peak Hr Flow	770.00 MW at 20:00 hrs.
w during Peak Demand (W-E):	MW:	1277	Import through Cumilla C/B Interconnector:	MKWHr:	1.632	Peak Hr Flow	98.00 MW at 20:00 hrs.
Maximum Power Flow (W-E):	MW:	1289	Total Import through C/B Interconnector:	MKWHr:	26.668373	Peak Hr Flow	1488.00 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	0	2821
Chattogram	0	872
Cumilla	0	946
Mymensingh	0	878
Sylhet	0	431
Khulna	0	1309
Barishal	0	305
Rajshahi	0	1186
Rangpur	0	867
Total	**0**	**9615**

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
08:06	08:35	Gopalganj 132/33kV S/S T1 LT Tripped showing Siptotec 7SJ82 relays Due to 33kv feeder fault with stormy weather.	
08:06	08:35	Gopalganj 132/33kV S/S T2 LT Tripped showing Siprotec 7SJ82 relays Due to 33kv feeder fault with stormy weather	
08:17		Hasnabad-Keraniganj 230kV Ckt-2 Tripped from Keranigonj 230/132/33kV end showing 86.2 relays Due to Zone-1 trip, R,Y,B phase pick up (7.9Km) and from Hasnabad 230/132kV end showing Distance Relay Main-1:1. Relay Trip L12. Relay Trip L13. Relay Trip L34. Dis. Trip Z1B5. Dis. Trip Z1/1p6. AR Not ReadyDistance Relay Main-2:1. Gen Trip2. B-phase Trip3. Zone-1 Trip4. Z COM/ EF COM5. DT/Cat. Rec.6. AR Block relays Due to Building construction within the right-of-way.	
08:22	08:40	Niamatpur 132/33kV S/S Transformer-2 (417T) LT Tripped showing SIEMENS SIPROTEC 7UT85	13.0MW load

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		relays Due to Niamatpur-2 feeder faulty	interrup.
08:25	12:52	Bagerhat-Bhandaria 132 kV Ckt-1 Tripped from Bagerhat 132/33kV end showing General TripOV Alarm OV Trip relays Due to Over Voltage Trip	
08:26	08:46	Mymensingh 132/33kV S/S Transformer-1 (404T) LT Tripped showing O/C relays Due to 33 kv Akua feeder fault.	30.0MW load interrup.
08:26	08:46	Mymensingh 132/33kV S/S Transformer-2 (414T) LT Tripped showing O/C relays Due to 33 Kv Akua feeder fault.	30.0MW load interrup.
08:29		Sirajgonj 225MW CCPP Unit-2 Shutdown with remarks:- GT	
08:30	08:54	Madanganj 132/33kV S/S Madanganj -Summit 55 MW 132 kv Ckt Tripped showing OC/EF relay relays.	
08:31	12:50	Jhenaidah-Khulna 230kV Ckt-1 Forced S/D from Jhenaidah 230/132kV end Due to Aldc order and from Khulna(S) 230/132kV end Due to Due to High Voltage.	
	08:40	Khulna (C) S/S TR-1 425T LT is restored.	
08:44	09:00	Korerhat 400/230/132kV S/S Meghnaghat-1 Forced S/D Due to Shutdown taken by NLDC due to voltage control	
08:57	09:08	Bheramara(GK) 132/33kV S/S TR-3 LT Tripped showing Trip Relay relays Due to 33kV PBS Amla Feeder Fault	12.0MW load interrup.
08:57	09:07	Bheramara(GK) 132/33kV S/S TR-3 HT Tripped showing Instantaneous O/C B phase relays Due to 33kV PBS Amla Feeder Fault	11.0MW load interrup.
09:05	09:34	Bakerganj-Patuakhali 132 kV Ckt-1 Tripped from Patuakhali 132/33kV end showing E/F ,O/C relays Due to E/F ,O/C	24.0MW load interrup. Patuakhali 132/33kV end
09:12	14:34	Chowmuhani 230/132/33kV S/S TR3 Scheduled S/D Due to Emergency shutdown taken for 132/33 kV, TR-03 X-former today at 09:12 for 132kVJack BUS Maintenance.	
	09:45	Bogura 230/132kV S/S Confidance UN-2 is restored.	
10:14	12:06	Kushtia 132/33kV S/S T-3 LT Forced S/D Due to Khoksha feeder red hot maintenance	15.0MW load interrup.
10:16	12:05	Kushtia 132/33kV S/S T-3 HT Forced S/D Due to Khoksha feeder red hot maintenance	15.0MW load interrup.
10:20	11:19	Munshiganj 132/33kV S/S Transformer-1 LT Tripped showing DIF E/F Trip relays.	20.0MW load interrup.
10:20	11:08	Munshiganj 132/33kV S/S Transformer-2 LT Tripped showing DIF E/F Trip relays.	20.0MW load interrup.
10:24		Payra 1320 MW Shutdown with remarks:- unit-2	
10:25		Payra 1320 MW Synchronized with remarks:- Unit-1 False Sms)	
10:25	12:18	Goalpara 132/33kV S/S T1 LT Scheduled S/D Due to Red hot Khulna pbs shutdown	12.0MW load interrup.
10:26	12:16	Goalpara 132/33kV S/S T1 HT Scheduled S/D Due to Red hot Khulna pbs shutdown	
10:28	12:18	Goalpara 132/33kV S/S T-5 LT Scheduled S/D Due to Red hot Khulna pbs shutdown	
10:29	12:17	Goalpara 132/33kV S/S T-5 HT Scheduled S/D Due to Red hot Khulna pbs shutdown	
10:33	12:12	Goalpara 132/33kV S/S T-6 LT Scheduled S/D Due to Red hot Khulna pbs shutdown	
10:34	12:10	Goalpara 132/33kV S/S T-6 HT Scheduled S/D Due to Red hot Khulna pbs shutdown	
10:35	11:16	Korerhat 400/230/132kV S/S Hathajari-2 Tripped showing 7SA87 relays Due to R-Y Phase fault	
10:45	12:58	Bogura 230/132kV S/S T-03 HT Forced S/D Due to Maintenance work (Oil Refill)	
10:45	12:58	Bogura 230/132kV S/S T-03 LT Forced S/D Due to Maintenance work (Oil Refill)	
	10:48	Rajbari 132/33kV S/S Transformer-3 HT is restored.	
	10:50	Rajbari 132/33kV S/S Transformer-3 LT is restored.	
11:02	11:10	Maijdee 132/33kV S/S TR-01 HT Tripped showing 132KV Transformer Main 1 Relay relays Due to 33 kv Sobornachar feeder closed and Trip.132kv x-former T-1 Primary GCB403B, Secondary VCB407B Trip	
11:02	11:11	Maijdee 132/33kV S/S TR-01 LT Tripped showing 33KV Trasformer F51 Relay,BCU1 Bay Control Unit, relays Due to 33 kv Sobornachar feeder closed and Trip.132kv x-former T-1 Primary GCB403B, Secondary VCB407B Trip	
11:03	11:50	Baroaulia-Hathazari 132 kV Ckt-1 Tripped from Baroaulia 132/33kV end showing 1.C relays Due to Thunder storm and heavy rain.	

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11:14	15:46	Hathazari-Kaptai 132kV Ckt-2 Tripped from Hathazari 230/132/33kV end showing Siprotec 7SA87 relays Due to heavy rain, thunderstrome	
11:14	15:46	Hathazari-Kaptai 132kV Ckt-2 Tripped from Hathazari 230/132/33kV end showing Siprotec 7SA87 relays Due to heavy rain, thunderstrome	
11:31	14:12	Halishahar-Khulshi 132kV Ckt-1 Tripped from Halishahar 132/33kV end showing Line black relay relays.	
11:36	12:53	Dohazari-Sikalbaha 132 kV Ckt-1 Tripped from Dohazari 132/33kV end showing Distance Relay, O/C Relay relays Due to Storm & thundering	
11:37	12:52	Patiya 132/33kV S/S Patiya-Dohazari Ckt-01 Tripped showing Line distance relay, BCU relays.	
11:55	12:32	Cox'sbazar-Dohazari 132 kV Ckt-2 Tripped from Dohazari 132/33kV end showing Distance, O/C relays Due to Storm & thundering	
12:10	13:33	Kushtia 132/33kV S/S T2 LT Forced S/D Due to T-2A 33kV side R-phase CT source end red hot maintenance.	
12:11	13:15	Kushtia 132/33kV S/S T2 HT Forced S/D Due to T-2A 33kV side R-phase CT source end red hot maintenance.	
12:36	12:50	Baroaulia 132/33kV S/S SASM HT Tripped showing 1.Earth Fault relays Due to Bad weather	
	13:43	Ghorasal- Ishwardi 230 kV Ckt-2 is restored.	
14:01	14:14	Munshiganj 132/33kV S/S Transformer-1 LT Tripped showing Heavy speed Trip Relay relays Due to Due to detect a Fault	50.0MW load interrup.
14:01	14:16	Munshiganj 132/33kV S/S Transformer-2 LT Tripped showing Heavy speed relay relays Due to Due to detect a Fault	50.0MW load interrup.
	14:41	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-2 is restored.	
14:48	16:12	Hasnabad 230/132kV S/S AUTO TR-2 HT Forced S/D Due to 132kv reserve bus mintennce work	
14:48	16:12	Hasnabad 230/132kV S/S AUTO TR-2 LT Forced S/D Due to 132 kv mintennce work	
14:53	03:30	Maijdee 132/33kV S/S TR-01 LT Scheduled S/D Due to due to the burning of the CT clamp and wire at the 33 kV bus source side of BREB.	
14:53	03:30	Maijdee 132/33kV S/S TR-01 HT Scheduled S/D Due to due to the burning of the CT clamp and wire at the 33 kV bus source side of BREB.	
15:36		Hasnabad-Keraniganj 230kV Ckt-2 Forced S/D from Hasnabad 230/132kV end Due to line conductor maintenace work and from Keranigonj 230/132/33kV end Due to Maintenance at Hasnabad end.	
15:37		Hasnabad-Keraniganj 230kV Ckt-2 Scheduled S/D from Keranigonj 230/132/33kV end Due to Maintenance at Hasnabad end.	
15:47	20:31	Hathazari-Kaptai 132kV Ckt-2 Scheduled S/D from Hathazari 230/132/33kV end Due to Disk blast	
19:02		Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) Forced S/D Due to Voltage Up.	
20:00		Evening Peak Generation is 9968 MW.	
20:51	21:38	Srinagar 132/33kV S/S Tr-01 LT Scheduled S/D Due to Red hot maintenance in 33 KV side in TR-01	24.0MW load interrup.
20:52	21:36	Srinagar 132/33kV S/S Tr-01 HT Scheduled S/D Due to Red hot maintenance in 33 KV side in TR-01	24.0MW load interrup.
23:45	00:45	Chowmuhani 230/132/33kV S/S TR3-435T HT Scheduled S/D Due to Red Hot Maintenance Of 33 kV Tr-03 Bus	10.0MW load interrup.
23:45	00:46	Chowmuhani 230/132/33kV S/S TR3-435T LT Scheduled S/D Due to Red Hot Maintenance Of 33 kV Tr-03 Bus	10.0MW load interrup.
01:10	01:55	Chowmuhani 230/132/33kV S/S TR2-425T HT Scheduled S/D Due to Red Hot Maintenance of 33KV L Bus Incoming Loop	20.0MW load interrup.
01:10	01:56	Chowmuhani 230/132/33kV S/S TR3-435T LT Scheduled S/D Due to Red Hot Maintenance of 33KV L Bus Incoming Loop	20.0MW load interrup.
05:00		Minimum generation 8284 MW	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division