



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

Date : 25-12-2025

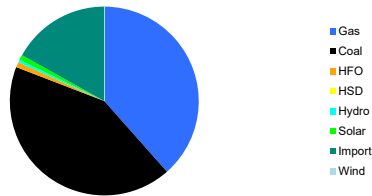
Power Supply Scenario

| | | | | | | |
|-------------------------------|----------|----|-----------|--------------------------|-----------|--------|
| Day Peak Generation | 10050 | MW | 12:00 Hr. | Energy Generated | 223.90036 | MKWHr. |
| Day Peak Demand | 10050 | MW | 12:00 Hr. | Energy Unserviced | 0.00000 | MKWHr. |
| Evening Peak Generation | 10554.62 | MW | 19:00 Hr. | Energy Demand | 223.90036 | MKWHr. |
| Evening Peak Demand | 10554.62 | MW | 19:00 Hr. | Maximum Temperature | 25.70 | °C |
| Minimum Generation of the Day | 7231.27 | MW | 05:00 Hr. | Total Gas Supplied | 627.53 | MMCFD |
| Maximum Generation of the Day | 10554.62 | MW | 19:00 Hr. | Production Cost per KWHr | 5.49753 | Tk. |

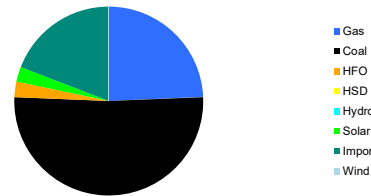
Zone-wise Generation Summary (MKWHr.)

| | Gas | Coal | HFO | HSD | Hydro | Solar | Import | Wind | Total |
|-----------------|--------------|--------------|-------------|-------------|-------------|-------------|--------------|-------------|---------------|
| Dhaka Zone | 24.90 | 0.00 | 0.63 | 0.00 | 0.00 | 0.07 | 0.00 | 0.00 | 25.61 |
| Chattogram Zone | 5.67 | 43.40 | 0.12 | 0.00 | 0.97 | 0.14 | 0.00 | 0.00 | 50.30 |
| Cumilla Zone | 21.43 | 0.00 | 0.09 | 0.00 | 0.00 | 0.27 | 2.02 | 0.00 | 23.80 |
| Mymensingh Zone | 1.37 | 0.00 | 1.00 | 0.00 | 0.00 | 0.06 | 0.00 | 0.00 | 2.42 |
| Sylhet Zone | 12.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 12.48 |
| Khulna Zone | 0.00 | 21.77 | 0.00 | 0.00 | 0.00 | 0.40 | 10.95 | 0.00 | 33.12 |
| Barishal Zone | 7.17 | 28.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 35.73 |
| Rajshahi Zone | 13.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.60 | 24.87 | 0.00 | 38.58 |
| Rangpur Zone | 0.00 | 1.27 | 0.15 | 0.00 | 0.00 | 0.44 | 0.00 | 0.00 | 1.87 |
| Total | 86.10 | 95.00 | 1.98 | 0.00 | 0.97 | 2.00 | 37.84 | 0.00 | 223.90 |

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

| Fuel | Tk. | Fuel | Tk. |
|---------------|----------------------|------------|-------------|
| Gas | 299185397.9 | Hydro | 97200 |
| Coal | 632406670.5 | Solar | 30980621.74 |
| HFO | 32595156.89 | Import | 235634971.1 |
| HSD | 0 | Wind | 0 |
| Total: | 123.09.00.018 | Tk. | |

E-W Interconnector & Import Scenario

| | | | | | | | |
|---------------------------------|-------|-------------|--|--------|-----------|--------------|------------------------|
| Energy Flow from East to West: | KWHr: | 0 | Import through HVDC C/B Interconnector: | MKWHr: | 10.952727 | Peak Hr Flow | 33.00 MW at 19:00 hrs |
| Energy Flow from West to East: | KWHr: | 38427272.75 | Import through Adani C/B Interconnector: | MKWHr: | 24.872728 | Peak Hr Flow | 332.62 MW at 19:00 hrs |
| Power during Peak Demand (W-E): | MW: | 2149 | Import through Cumilla C/B Interconnector: | MKWHr: | 2.016 | Peak Hr Flow | 30.00 MW at 19:00 hrs |
| Maximum Power Flow (W-E): | MW: | 2149 | Total Import through C/B Interconnector: | MKWHr: | 37.841455 | Peak Hr Flow | 355.62 MW at 19:00 hrs |

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:00 Hr.)

| Zone | Load-Shed | Demand |
|--------------|-----------|--------------|
| Dhaka | 0 | 3680 |
| Chattogram | 0 | 1134 |
| Cumilla | 0 | 878 |
| Mymensingh | 0 | 821 |
| Sylhet | 0 | 383 |
| Khulna | 0 | 1220 |
| Barishal | 0 | 301 |
| Rajshahi | 0 | 956 |
| Rangpur | 0 | 702 |
| Total | 0 | 10075 |

Status of unavailable Power Plant

| Planned S/D | | | Forced S/D | | |
|-----------------------------------|------------------------|------------|--------------|--------------------------|------------|
| SI | Plant Name | Capacity | SI | Plant Name | Capacity |
| 1 | Rangpur 20 MW GTPP | 20 | 1 | Bheramara 410 MW CCPP GT | 278 |
| 2 | Baghabari 100 MW GTPP | 100 | 2 | Bheramara 410 MW CCPP ST | 132 |
| 3 | Barapukuria TPP Unit-2 | 85 | | | |
| 4 | Siddhirgonj 210 MW TPP | 115 | | | |
| Total | | 320 | Total | | 410 |
| Total Unavailable Capacity | | | 730 | | |

Event Summary

| Outage Time | Restoration Time | Description of Event | Description of Event |
|-------------|------------------|---|----------------------|
| 08:40 | 15:44 | Aminbazar-Kaliakoir 230kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Insulator disc cleaning | |
| 08:44 | 16:44 | HVDC Bheramara- Rajshahi 230kV Ckt-1 Scheduled S/D from BIPTC end Due to Requested from Rajshahi end. | |
| 08:45 | 16:44 | HVDC Bheramara- Rajshahi 230kV Ckt-2 Scheduled S/D from BIPTC end Due to Requested from Rajshahi end. | |
| 08:52 | | Rangpur-Rangpur Confidence(100MW) 132kV Ckt-1 Project Work S/D from Rangpur 132/33kV end. | |



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| | | | |
|-------|-------|--|--|
| 08:52 | 16:42 | Rangpur-Rangpur Confidence(100MW) 132kV Ckt-2 Project Work S/D from Rangpur 132/33kV end. | |
| 09:01 | 14:19 | Aminbazar-Manikgonj PP 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Annual maintenance | |
| 09:43 | 13:54 | Sylhet-Sylhet (South) 132KV Ckt-2 Scheduled S/D from Sylhet 132/33kV end Due to GIS Building Column Casting | |
| 09:53 | | BIPTC S/S 11T01 HT Scheduled S/D Due to Pole-01 is in shutdown for annual maintenance. | 500.0MW load interrupt. |
| | 10:10 | Siddhirganj 132/33kV S/S 120MW EGCB GT2 is restored. | |
| 11:17 | | BIPTC S/S Block-01, Trafo-02 HT Scheduled S/D Due to Block-01 33/0.4 KV Auxiliary Transformer-02 is in shutdown for oil leakage rectification and oil centrifuging. | |
| 11:22 | 12:17 | Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end. | |
| 12:00 | | Day Peak Gen. 10047 MW | |
| 12:10 | | Roopppur 400/230 kv, 522 MVA, AT-1 Tr. was shut down for modification work. | |
| 12:14 | | Ghorashal - Ashuganj (S) 230 kv L-2 was switched on (from Ghorashal 230 kv, bus-3) | |
| 12:21 | | Ghorashal - Bhulta 230 kv L-2 was switched on (from Ghorashal 230 kv bus-3) | |
| 14:45 | | Bogura(New)-Naogaon 132 kV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to Joypurhat ckt2 bypass power supply due to Naogaon 132 kv main bus shutdown. | |
| 15:05 | | Ashuganj-Ghorasal 132kV Ckt-2 is restored. | |
| 15:13 | | Joypurhat 132/33kV S/S Naogaon Ckt.-2 is restored. | |
| 15:13 | | Bogura(New)-Joypurhat 132KV CKT-2 Sync | |
| 15:16 | | Joypurhat-Naogaon 132kV Ckt-1 Project Work S/D from Joypurhat 132/33kV end Due to Rearrange Line in naogaon joypurhat 132KV line in tower no 01. | |
| 15:34 | 16:15 | Haripur 230/132kV S/S Madanganj-2 Tripped showing Optimho: Z1, AN. relays. | 75.0MW load interrupt. |
| 15:34 | 15:56 | Haripur-Madanganj 132kV Ckt-1 Tripped from Haripur 230/132kV end showing Optimho: DEF Aided. relays. | 75.0MW load interrupt. Haripur 230/132kV end |
| 15:35 | 16:16 | Madanganj 132/33kV S/S Madanganj -Haripur 132 kv Ckt-2 Tripped showing Zone-1 trip, General trip, R-phase pick up relays. | 68.0MW load interrupt. |
| | 16:36 | Kishoreganj-Mymensingh 132kV Ckt-1 is restored. | |
| 17:49 | | Bhola 225MW CAPP GT-2 was sync. | |
| 02:49 | 03:23 | Sonargaon 132/33kV S/S Tr-1 LT Tripped showing Trip Relay(MVAJM-25) relays Due to Due Over voltage | 50.0MW load interrupt. |
| 02:49 | 03:22 | Sonargaon 132/33kV S/S Tr-1 HT Tripped showing Backup PROTN.Relayv51/51N/87T/64RGeneral TripHV OC relays Due to Due to over Voltage | 50.0MW load interrupt. |
| 06:31 | | Natore 132/33kV S/S Rajlanka Scheduled S/D | |
| 06:34 | | Natore 132/33kV S/S TR-1 (405 T) LT Scheduled S/D Due to None | 17.0MW load interrupt. |
| 06:34 | | Natore 132/33kV S/S TR-2 (415 T) LT Scheduled S/D Due to None | 17.0MW load interrupt. |
| 06:34 | | Natore 132/33kV S/S TR-3 (425 T) LT Scheduled S/D Due to None | 18.0MW load interrupt. |
| 06:34 | | Natore 132/33kV S/S TR-4 (435 T) LT Scheduled S/D Due to None | 14.0MW load interrupt. |
| 06:36 | | Natore 132/33kV S/S TR-2 (415 T) HT Scheduled S/D | 17.0MW load interrupt. |
| 06:36 | | Natore 132/33kV S/S TR-1 (405 T) HT Scheduled S/D | 17.0MW load interrupt. |
| 06:36 | | Natore 132/33kV S/S TR-3 (425 T) HT Scheduled S/D | 18.0MW load interrupt. |
| 06:36 | | Natore 132/33kV S/S TR-4 (435 T) HT Scheduled S/D | 14.0MW load interrupt. |
| 06:37 | | Bogura-Natore 132 kV Ckt-2 Scheduled S/D from Bogura 132/33kV end Due to Annual maintenance(132kV Busbar Shut-Down) of Natore 132/33kV Grid sub-station and from Natore 132/33kVend. | 20.0MW load interrupt. Bogura 132/33kV end |



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| 06:37 | Bogura-Natore 132 kV Ckt-1 Scheduled S/D from Bogura 132/33kV end Due to Annual maintenance(132kV Busbar Shut-Down) of Natore 132/33kV Grid sub-station and from Natore 132/33kVend. | 20.0MW load interrupt. Bogura 132/33kV end |
| 06:40 | Natore-Rajshahi 132kV Ckt-2 Scheduled S/D from Natore 132/33kV end. | |
| 06:40 | Natore-Rajshahi 132kV Ckt-1 Scheduled S/D from Natore 132/33kV end. | |
| 06:41 | Ishwardi-Natore 132kV Ckt-2 Scheduled S/D from Ishurdi 132/33kV end. and from Natore 132/33kVend. | |
| 06:41 | Ishwardi-Natore 132kV Ckt-1 Scheduled S/D from Ishurdi 132/33kV end. and from Natore 132/33kVend. | |
| 06:42 | Natore 132/33kV S/S 132 KV MAIN BUS Scheduled S/D | 67.0MW load interrupt. |
| 07:45 | Jaldhaka 132/33kV S/S 406T-1 HT Scheduled S/D Due to Purpose of switching: 132/33kV Tr-1 Shutdown due to new 33kVFeeder(Nilphamari PBS) connection on 33kV Bus section-1. | 15.0MW load interrupt. |
| 07:45 | Jaldhaka 132/33kV S/S 406T-1 LT Scheduled S/D Due to Purpose of switching: 132/33kV Tr-1 Shutdown due to new 33kVFeeder(Nilphamari PBS) connection on 33kV Bus section-1. | 15.0MW load interrupt. |
| 07:47 | Kishoreganj 132/33kV S/S Tr-3 (424T) LT Scheduled S/D | 26.0MW load interrupt. |
| 07:47 | Kishoreganj 132/33kV S/S Tr-1 (404T) LT Scheduled S/D Due to None | 16.0MW load interrupt. |
| 07:48 | Kishoreganj 132/33kV S/S Tr-1 (404T) HT Scheduled S/D | 16.0MW load interrupt. |
| 07:48 | Kishoreganj 132/33kV S/S Tr-3 (424T) HT Scheduled S/D | 26.0MW load interrupt. |
| 07:49 | Sonargaon 132/33kV S/S Tr-2 LT Scheduled S/D Due to Annual Maintenance | 50.0MW load interrupt. |
| 07:51 | Sonargaon 132/33kV S/S Tr-2 HT Scheduled S/D Due to Annual Maintenance | 50.0MW load interrupt. |
| 07:56 | Khulna(C)-Khulna (S) 132kV Ckt-1 Scheduled S/D from Khulna (C) end Due to South circuit # 1 line and bus ds clamp change. and from Khulna(S) 230/132kVend. | |

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division