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

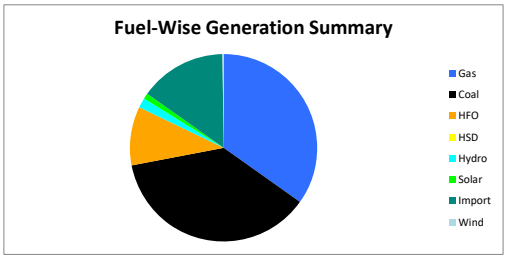
Date : 25-09-2026

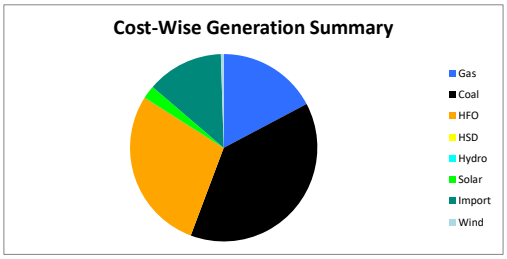
Power Supply Scenario

Day Peak Generation	12868.25	MW	12:00 Hr.	Energy Generated	324.76572	MKWHr.
Day Peak Demand	13307.25	MW	12:00 Hr.	Energy Unserverd	7.15300	MKWHr.
Evening Peak Generation	14853.01	MW	21:00 Hr.	Energy Demand	331.91872	MKWHr.
Evening Peak Demand	15088.01	MW	21:00 Hr.	Maximum Temperature	32.80	°C
Minimum Generation of the Day	11999.5	MW	10:00 Hr.	Total Gas Supplied	829.77	MMCFD
Maximum Generation of the Day	15169.6	MW	23:00 Hr.	Production Cost per KWHr	7.02326	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	**Total**
Dhaka Zone	30.64	0.00	9.89	0.00	0.00	0.13	0.00	0.00	40.66
Chattogram Zone	5.69	47.11	7.15	0.00	5.33	0.14	0.00	0.70	66.12
Cumilla Zone	29.21	0.00	3.27	0.00	0.00	0.47	1.50	0.00	34.45
Mymensingh Zone	0.00	0.00	4.97	0.00	0.00	0.32	0.00	0.00	5.30
Sylhet Zone	29.48	0.00	0.00	0.00	0.00	0.07	0.00	0.00	29.55
Khulna Zone	0.00	29.07	0.77	0.00	0.00	0.53	22.01	0.00	52.39
Barishal Zone	8.02	39.44	1.67	0.00	0.00	0.00	0.00	0.00	49.14
Rajshahi Zone	10.06	0.00	3.27	0.00	0.00	0.91	25.13	0.00	39.37
Rangpur Zone	0.00	5.02	2.06	0.00	0.00	0.70	0.00	0.00	7.79
Total	113.10	120.65	33.06	0.00	5.33	3.28	48.65	0.70	324.77





Production Cost (Tk.)

Fuel	**Tk.**	**Fuel**	**Tk.**
Gas	393946200.3	Hydro	533433.4
Coal	876662777.7	Solar	51371382.63
HFO	645410422.9	Import	302645600.7
HSD	0	Wind	10342886.4
	Total:	228,09,12,704	Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	22.012364	Peak Hr Flow	922.00 MW at 21:00 hrs.
Energy Flow from West to East:	KWHr:	49959654.54	Import through Adani C/B Interconnector:	MKWHr:	25.132781	Peak Hr Flow	1293.23 MW at 21:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	2078	Import through Cumilla C/B Interconnector:	MKWHr:	1.50432	Peak Hr Flow	78.00 MW at 21:00 hrs.
Maximum Power Flow (W-E):	MW:	2561	Total Import through C/B Interconnector:	MKWHr:	48.649465	Peak Hr Flow	2293.23 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	5294
Chattogram	0	1491
Cumilla	0	1478
Mymensingh	18	1229
Sylhet	207	720
Khulna	0	1692
Barishal	0	457
Rajshahi	0	1344
Rangpur	0	826
Total	**225**	**14531**

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	1	Bhairob 54.5 MW	54.5
2	Barapukuria TPP Unit-2	85	2	Fenchugonj CCPP Phase-2 ST	35
3	Siddhirgonj 210 MW TPP	115	3	Kushiara 163 MW CCPP (KP) ST	54
			4	Sylhet 225 MW CCPP GT	142
			5	Sylhet 225 MW CCPP ST	89
	Total	300		Total	374.5
	Total Unavailable Capacity			**674.5**	

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:57	18:44	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph LT Project Work S/D Due to Caf work	
08:57	18:42	Korerhat 400/230/132kV S/S ATR-3(7303T)-Three Ph HT Project Work S/D Due to Caf work	
09:07	12:22	Tangail 132/33kV S/S Tr-1 LT Scheduled S/D Due to 132kv Bus Maintenance	40.0MW load interrup.
	09:11	Bhulta-Haripur 230 kV Ckt-1 is restored.	
09:17	12:22	Tangail 132/33kV S/S Tr-1 HT Scheduled S/D Due to 132kv Bus Maintenance	40.0MW load

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			interrup.
09:20	16:37	Ishurdi 230/132kV S/S 230 kV Bus 1 Project Work S/D Due to Jack Bus upgradation	
09:30	13:07	Daganbhuiyan 132/33kV S/S Transformer-2 LT Scheduled S/D	
09:30	13:07	Daganbhuiyan 132/33kV S/S Transformer-2 HT Scheduled S/D	
	09:41	Mongla 132/33kV S/S T-2 HT is restored.	
	09:43	Mongla 132/33kV S/S T-2 LT is restored.	
	09:46	Barishal 230/132kV S/S T-5 HT is restored.	
	09:47	Barishal 230/132kV S/S T-5 LT is restored.	
09:52	12:40	Tangail 132/33kV S/S RPCL-1 Scheduled S/D Due to 132kv Bus Maintenance	90.0MW load interrup.
09:56	12:32	Tangail 132/33kV S/S Kaliakair-2 Scheduled S/D Due to 132kv Bus Maintenance	90.0MW load
09:56	12:40	Tangail 132/33kV S/S RPCL-2 Scheduled S/D Due to 132kv Bus Maintenance	90.0MW load interrup.
10:00	12:25	Tangail 132/33kV S/S Tr-3 LT Scheduled S/D Due to 132kv Bus Maintenance	50.0MW load interrup.
10:00	12:24	Tangail 132/33kV S/S Tr-3 HT Scheduled S/D Due to 132kv Bus Maintenance	50.0MW load interrup.
10:06	12:24	Tangail 132/33kV S/S Tr-2 HT Scheduled S/D	40.0MW load interrup.
10:06	12:25	Tangail 132/33kV S/S Tr-2 LT Scheduled S/D Due to 132kv Bus Maintenance	40.0MW load interrup.
10:06	12:22	Tangail 132/33kV S/S Kaliakair-1 Scheduled S/D Due to 132kv Bus Maintenance	90.0MW load interrup.
10:08	12:40	Mymensingh RPCL-Tangail 132kV Ckt-2 Forced S/D from Ghatail 132/33kV end Due to By order of NLDC	15.0MW load interrup. Ghatail 132/33kV end
10:08	12:40	Mymensingh RPCL-Tangail 132kV Ckt-1 Forced S/D from Ghatail 132/33kV end Due to By order of NLDC	15.0MW load interrup. Ghatail 132/33kV end
10:28		Aminbazar-Kaliakoir 230kV Ckt-1 Project Work S/D from Kaliakoir 400/230/132kV end Due to Teleprotection work IDRNPP project	
	12:10	Faridpur 132/33kV S/S Transformer-1 HT is restored.	
	12:11	Faridpur 132/33kV S/S Transformer-1 LT is restored.	
	13:53	Ghorasal-Joydeb-B 132kV Ckt-2 is restored.	
	13:53	Ghorasal-Joydeb-B 132kV Ckt-1 is restored.	
14:38	18:09	Daganbhuiyan 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Tr-01 taken shutdown due to 33kv gentry lighting work, WTI & OTI calibration.	
14:38	18:09	Daganbhuiyan 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Tr-01 taken shutdown due to 33kv gentry lighting work, WTI & OTI calibration.	
20:18	20:45	Chowmuhani 230/132/33kV S/S TR3 Tripped showing Backup Relay, Lockout Relay relays.	73.0MW load interrup.
20:18	20:40	Chowmuhani 230/132/33kV S/S TR2 Tripped showing Backup Relay relays.	69.0MW load interrup.
00:10	00:42	Maijdee 132/33kV S/S Tr-02 LT Scheduled S/D Due to BREB Red Hot Maintanance.	21.0MW load interrup.
00:10	00:41	Maijdee 132/33kV S/S Tr-02 HT Scheduled S/D Due to BREB Red Hot Maintanance.	21.0MW load interrup.
07:00		Minimum Generation: 12678 MW.	
07:58		Khulshi 132/33kV S/S Khulshi-Baraulia Circuit-2 Forced S/D Due to Red hot Maintenace CT R-phase	
07:59		Baroaulia-Khulshi 132 kV Ckt-1 Forced S/D from Baroaulia 132/33kV end Due to Red hot maintenance at KHULSHI end	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division