



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

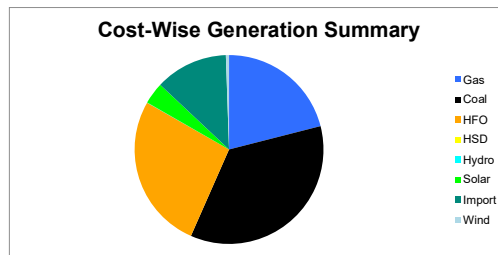
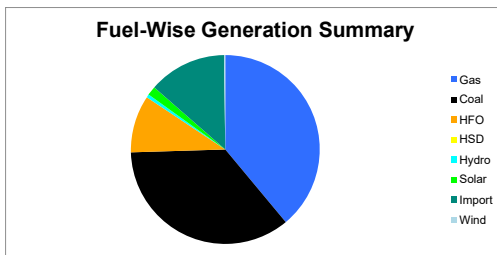
Date : 22-01-2026

Power Supply Scenario

Day Peak Generation	10836.13	MW	12:00 Hr.	Energy Generated	240.40032	MKWHr.
Day Peak Demand	11153.13	MW	12:00 Hr.	Energy Unserviced	5.49700	MKWHr.
Evening Peak Generation	11351.7	MW	19:30 Hr.	Energy Demand	245.89732	MKWHr.
Evening Peak Demand	11550.7	MW	19:30 Hr.	Maximum Temperature	27.60	°C
Minimum Generation of the Day	8032	MW	05:00 Hr.	Total Gas Supplied	707.70	MMCFD
Maximum Generation of the Day	11351.7	MW	19:30 Hr.	Production Cost per KWHr	6.54771	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	25.09	0.00	7.65	0.00	0.00	0.18	0.00	0.00	32.92
Chattogram Zone	4.76	37.51	5.82	0.00	1.30	0.15	0.00	0.56	50.09
Cumilla Zone	20.59	0.00	3.69	0.00	0.00	0.39	2.75	0.00	27.41
Mymensingh Zone	0.56	0.00	1.44	0.00	0.00	0.27	0.00	0.00	2.27
Sylhet Zone	19.18	0.00	0.00	0.00	0.00	0.05	0.00	0.00	19.24
Khulna Zone	4.38	25.54	0.41	0.00	0.00	0.46	11.43	0.00	42.22
Barishal Zone	8.45	21.26	0.86	0.00	0.00	0.00	0.00	0.00	30.58
Rajshahi Zone	10.59	0.00	2.06	0.00	0.00	1.25	17.86	0.00	31.76
Rangpur Zone	0.00	1.28	1.66	0.00	0.00	0.98	0.00	0.00	3.92
<b>Total</b>	<b>93.60</b>	<b>85.60</b>	<b>23.59</b>	<b>0.00</b>	<b>1.30</b>	<b>3.72</b>	<b>32.04</b>	<b>0.56</b>	<b>240.40</b>



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	330352000.3	Hydro	129718
Coal	560615809.2	Solar	58392743.31
HFO	419878641.3	Import	196469838.8
HSD	0	Wind	8232892.8
<b>Total:</b>	<b>157,40,71,643</b>		<b>Tk.</b>

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	11.425454	Peak Hr Flow	73.00 MW at 19:30 hr
Energy Flow from West to East:	KWHr:	33671855.25	Import through Adani C/B Interconnector:	MKWHr:	17.861541	Peak Hr Flow	57.00 MW at 19:30 hr
Flow during Peak Demand (W-E):	MW:	1351	Import through Cumilla C/B Interconnector:	MKWHr:	2.74848	Peak Hr Flow	22.00 MW at 19:30 hr
Maximum Power Flow (W-E):	MW:	1998	Total Import through C/B Interconnector:	MKWHr:	32.035475	Peak Hr Flow	62.00 MW at 19:30 hr

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:30 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	4161
Chattogram	0	1161
Cumilla	20	996
Mymensingh	65	965
Sylhet	0	410
Khulna	55	1277
Barishal	0	324
Rajshahi	40	1035
Rangpur	10	730
<b>Total</b>	<b>190</b>	<b>11049</b>

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
<b>Total Unavailable Capacity</b>			<b>300</b>		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:27	15:31	Bogura-Rahanpur 400kV Ckt-2 Scheduled S/D from Bogura 400/230kV end Due to Annual maintenance work and from Rahanpur 400/132kV end Due to For Annual maintenance	
08:32		Chowmuhani-Feni 132 kV Ckt-2 Scheduled S/D from Daganbhuiyan 132/33kV end Due to Deadline Checking and from Feni 230/132kV end Due to Shutdown due to annual deadline checking	
08:41	16:14	Cumilla(N)-Daudkandi 132 kV Ckt-2 Scheduled S/D from Daudkandi 132/33kV end Due to Annual Maintenance	
08:42	16:13	Muradnagar 132/33kV S/S 132 KV Muradnagar- Daudkandi Ckt-02 Scheduled S/D Due to Deadline Check	



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08:45	16:11	Payra 400/132/33kV S/S 400/132/33 kV Auto Transformer-01 LT Scheduled S/D Due to Maintenance
08:45	17:21	Gopalganj(N)-Madaripur 132kV Ckt-3 Scheduled S/D from Gopalganj 400/132kV end. and from Madaripur 132/33kV end.
08:45	17:22	Madaripur 132/33kV S/S Gopaganj North CKT-04 Scheduled S/D
08:45	17:22	Madaripur 132/33kV S/S Gopaganj North CKT-04 Scheduled S/D
08:46	16:11	Payra 400/132/33kV S/S 400/132/33 kV Auto Transformer-01 HT Scheduled S/D Due to Maintenance
08:46	17:47	Keraniganj-Nawabganj 132kV Ckt-1 Scheduled S/D from Nawabganj 132/33kV end Due to For deadline chekiang and from Keranigonj 230/132/33kV end Due to Deadline Checking
08:46	16:16	GPH 230/33kV S/S HATHAZARI Scheduled S/D Due to Maintenance Works in Hathazari
08:49	17:23	Gopalganj 400/132kV S/S 132kV Madaripur Ckt-4 Scheduled S/D
08:50		BSRM-Mirsharai 230 kV Ckt-1 Project Work S/D from Mirsora 230/33kV end Due to Project Work
08:53	17:45	Kaliakoir 400/230/132kV S/S Bibiyana1 Scheduled S/D Due to Deadline check
08:58	16:15	GPH-Hathazari 230kV Ckt-1 Project Work S/D from Hathazari 230/132/33kV end Due to Bay loop work
08:59		Mirpur 132/33kV S/S Reserve Bus Scheduled S/D Due to AM
09:07	19:00	Taraganj 132/33kV S/S Taraganj-Rangpur CKT-01 Project Work S/D
09:16	14:46	Rampura-Ullon-2 132kV Ckt-2 Scheduled S/D from Rampura 230/132kV end Due to Order by NLDC
09:21	17:09	Madunaghat 132/33kV S/S TR-2(517T) LT Scheduled S/D Due to Due to Annual Maintenance
09:21	16:47	Madunaghat 132/33kV S/S TR-2(517T) HT Scheduled S/D
09:22	16:13	Madunaghat 400/230kV S/S Madunaghat-Hathazari 230kV Ckt.-2 Scheduled S/D Due to Annual maintenance
09:30	16:15	Hathazari 230/132/33kV S/S Shikolbaha-02 Project Work S/D Due to Bay loop work
09:37	16:18	Mymensingh RPCL-Tangail 132kV Ckt-1 Scheduled S/D from Muktagacha 132/33kV end.
09:38	16:15	Hathazari 230/132/33kV S/S 230KV MAIN BUS-02 Project Work S/D Due to bay loop work
09:41	12:46	Muradnagar 132/33kV S/S 132 KV Muradnagar- Cumilla(N) Ckt-01 Scheduled S/D Due to Deadline Check
09:41		BSRM-Cumilla(N) 230 kV Ckt-1 Scheduled S/D from Feni 230/132kV end Due to Shutdown due to annual deadline checking
09:47	17:52	Kodda(300MW)-Tongi 230kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Annual Maintenance Work
11:02	13:13	Bogura 230/132kV S/S T-03 LT Scheduled S/D Due to Oil leakage Maintenance
11:02	13:13	Bogura 230/132kV S/S T-03 HT Scheduled S/D Due to Oil leakage Maintenance
11:08	16:07	Dhamrai 132/33kV S/S Main Bus-2 Project Work S/D Due to High voltage test
	11:10	Madanganj 132/33kV S/S GT-1 HT is restored.
	11:18	Madanganj 132/33kV S/S GT-1 LT is restored.
11:47	17:29	Aggreko-keraniganj 132kV Ckt-1 Tripped from Keranigonj 230/132/33kV end showing 86.1 & Distance relay relays Due to Zone-1 Tipped.
12:00		Day peak generation is 10833 MW.
12:00		Day peak Generation is 10833 MW
12:11	13:20	Satmasjid 132/33kV S/S 132/33 KV Transformer-1 HT Scheduled S/D Due to DPDC Maintenance Work
12:31	16:36	AKSML-Baroaulia 132kV Ckt-1 Forced S/D from AKS 132/33kV end Due to Baraulia 132kv line maintenance. and from Baroaulia 132/33kV end Due to Maintenance of circuit breaker
		and 42.0MW load interrupt. Baroaulia 132/33kV end
12:47	14:31	Muradnagar 132/33kV S/S 132 KV Muradnagar- Cumilla(N) Ckt-02 Scheduled S/D Due to Annual Maintenance work.
13:31	15:18	Satmasjid 132/33kV S/S 132/33 KV Transformer-2 HT Scheduled S/D Due to DPDC Maintenance Work
	15:33	Kalurghat 132/33kV S/S TRFO-02(516T) LT is restored.
16:14	18:10	Dhamrai 132/33kV S/S Main Bus-1 Scheduled S/D Due to Project work by PGCB.
16:45	17:35	K'hulina (C) S/S Tr-2 415 T LT Forced S/D Due to Emergency Maintenance of Aux.



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16:45	17:34	Khulina (C) S/S Tr-2 415 T HT Forced S/D Due to Emergency maintenance of Aux.	
	16:52	Gopalganj 400/132kV S/S 400kV Rampal Ckt-2 is restored.	
	16:53	Gopalganj(N)-Rampal Ckt-2 is restored.	
	19:14	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT is restored.	
19:49	21:50	Amtali 400/132kV S/S Amtali - RNPL 400 kV Ckt - 2 Scheduled S/D Due to Annual Maintenance Purpose	
21:16		Amtali 400/132kV S/S Amtali - RNPL 400 kV Ckt - 1 Project Work S/D Due to Protection Relay Maintenance	
05:00		Minimum Generation: 7942 MW.	
05:33		DSEPL(Pabna 100 MW Solar)-Joynagar 132 KV Ckt 1 & 2 -S/D.	
06:09		Baghabari-Roppur 230kV Ckt-1 Project Work S/D from Baghabari 230/132kV end Due to Project Work Shutdown	
06:18		Baghabari-Roppur 230kV Ckt-2 Project Work S/D from Baghabari 230/132kV end Due to Project Work Shutdown	
07:00		Madunaghat-Meghnaghat 400kV Ckt-1 Scheduled S/D from Meghnaghat 400/230kV end Due to project work	
07:07		Khulina (C) S/S TR-1 425T LT Project Work S/D Due to conductor change	
07:08		Khulina (C) S/S TR-1 425T HT Project Work S/D Due to conductor change	
07:16		Sylhet 132/33kV S/S Sylhet-90MW P/S Scheduled S/D Due to Looping for Fenchuganj ckt-3 to 90 MW PS ckt.	
07:17		Fenchuganj-Fenchuganj 132 kV Ckt-4 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Fenchuganj Power Station work & OFCN Work(For OPGW upgradation )	
07:20		Rampura 230/132kV S/S 230kV Busbar-1 Scheduled S/D Due to Annual Maintenance	
07:41		Feni 132/33kV S/S T-1(405T) HT Scheduled S/D Due to S/D taken for 33kV Bus-1, for 33kV Sultanpur Feeder Maintenance work by BPDB	15.0MW load interrupt.
07:41		Feni 132/33kV S/S T-1(405T) LT Scheduled S/D Due to S/D taken for 33kV Bus-1, for 33kV Sultanpur Feeder Maintenance work by BPDB	15.0MW load interrupt.
07:44		Kamrangirchar-Keraniganj 132kV Ckt Scheduled S/D from Keraniganj 230/132/33kV end Due to Annual maintenance & deadline checking at Keraniganj end.	

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division