



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

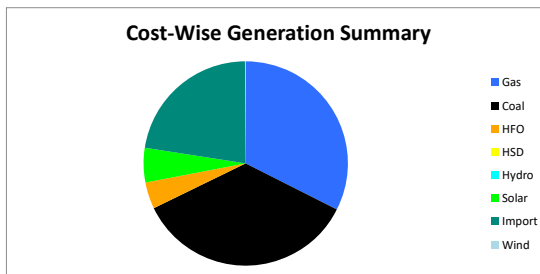
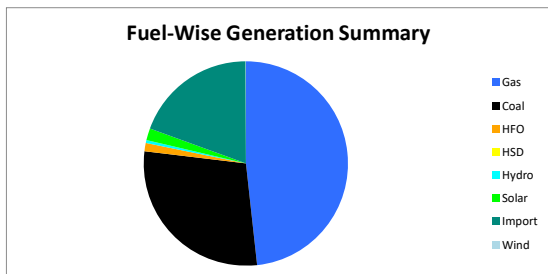
Date : 05-12-2025

Power Supply Scenario

Day Peak Generation	9082.67	MW	12:00 Hr.	Energy Generated	208.93694	MKWHr.
Day Peak Demand	9082.67	MW	12:00 Hr.	Energy Unserviced	0.04300	MKWHr.
Evening Peak Generation	9609.94	MW	18:00 Hr.	Energy Demand	208.97894	MKWHr.
Evening Peak Demand	9609.94	MW	18:00 Hr.	Maximum Temperature	26.60	°C
Minimum Generation of the Day	7464.77	MW	05:00 Hr.	Total Gas Supplied	732.13	MMCFD
Maximum Generation of the Day	9787.94	MW	13:00 Hr.	Production Cost per KWHr	5.21728	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	26.08	0.00	0.75	0.00	0.00	0.19	0.00	0.00	27.02
Chattogram Zone	5.89	16.42	0.32	0.00	0.98	0.13	0.00	0.10	23.83
Cumilla Zone	21.15	0.00	0.31	0.00	0.00	0.45	1.93	0.00	23.84
Mymensingh Zone	0.74	0.00	1.05	0.00	0.00	0.03	0.00	0.00	1.82
Sylhet Zone	20.54	0.00	0.00	0.00	0.00	0.07	0.00	0.00	20.61
Khulna Zone	5.37	15.00	0.05	0.00	0.00	0.48	16.40	0.00	37.31
Barishal Zone	7.78	27.18	0.00	0.00	0.00	0.00	0.00	0.00	34.97
Rajshahi Zone	13.29	0.00	0.00	0.00	0.00	1.32	22.22	0.00	36.83
Rangpur Zone	0.00	1.28	0.22	0.00	0.00	1.19	0.00	0.00	2.70
<b>Total</b>	<b>100.84</b>	<b>59.89</b>	<b>2.71</b>	<b>0.00</b>	<b>0.98</b>	<b>3.86</b>	<b>40.56</b>	<b>0.10</b>	<b>208.94</b>



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	353582718.3	Hydro	98000
Coal	385497289.5	Solar	59107839.7
HFO	45965925.37	Import	244427199.3
HSD	0	Wind	1398038.4
<b>Total:</b>	<b>109,00,77,010</b>		<b>Tk.</b>

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	16.403636	Peak Hr Flow	701.00 MW at 18:00 hrs.
Energy Flow from West to East:	KWHr:	26858181.82	Import through Adani C/B Interconnector:	MKWHr:	22.218988	Peak Hr Flow	1171.94 MW at 18:00 hrs.
Power Flow during Peak Demand (W-E):	MW:	1980	Import through Cumilla C/B Interconnector:	MKWHr:	1.93248	Peak Hr Flow	100.00 MW at 18:00 hrs.
Maximum Power Flow (W-E):	MW:	2612	Total Import through C/B Interconnector:	MKWHr:	40.555104	Peak Hr Flow	1972.94 MW at 18:00 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (18:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	3224
Chattogram	0	1088
Cumilla	0	887
Mymensingh	0	809
Sylhet	0	369
Khulna	0	1132
Barishal	0	284
Rajshahi	0	881
Rangpur	0	688
<b>Total</b>	<b>0</b>	<b>9362</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			
<b>Total</b>		<b>300</b>	<b>Total</b>		<b>0</b>
<b>Total Unavailable Capacity</b>		<b>300</b>			

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:13	16:25	Sonargaon 132/33kV S/S Tr-2 LT Scheduled S/D Due to Annual Maintenance	20.0MW load interrupt.
08:15	16:15	Sonargaon 132/33kV S/S Tr-2 HT Scheduled S/D Due to Annual Maintenance	20.0MW load interrupt.
08:18	11:52	Narshingdi 132/33kV S/S T-1 LT Scheduled S/D Due to For PBS Annual Maintenance work.	25.0MW load interrupt.
08:18	11:48	Narshingdi 132/33kV S/S T-1 HT Scheduled S/D Due to For PBS Annual Maintenance work.	25.0MW load interrupt.
08:19	11:54	Narshingdi 132/33kV S/S T-3 LT Scheduled S/D Due to For PBS Annual Maintenance work.	30.0MW load interrupt.
08:19	11:46	Narshingdi 132/33kV S/S T-3 HT Scheduled S/D Due to For PBS Annual Maintenance work.	30.0MW load interrupt.
08:20	11:56	Narshingdi 132/33kV S/S T-4 LT Scheduled S/D Due to For PBS Annual Maintenance work.	22.0MW load interrupt.
08:20	11:50	Narshingdi 132/33kV S/S T-4 HT Scheduled S/D Due to For PBS Annual Maintenance work.	22.0MW load interrupt.
08:26		Rampal 1320 MW (BIFPCL) Tripped with remarks:- U1	
08:30		Rampal 1320 MW (BIFPCL) Synchronized with remarks:- unit-1 (False SMS )	
08:40		Bhaluka-Mymensingh 132 kV Ckt-2 Project Work S/D from Mymensingh 132/33kV end Due to For G to G work and from Bhaluka 132/33kV end Due to S/D taken by Mymensingh grid	



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08:42		Rampur 230/132/33 S/S TR-1 HT Project Work S/D
08:59	17:08	Dohazari 132/33kV S/S Power Transformer -T-1 LT Scheduled S/D Due to Annual Maintenance
	08:59	Bhulta-Narsingdi 132 kV Ckt-1 is restored.
09:00	17:08	Dohazari 132/33kV S/S Power Transformer -T-1 HT Scheduled S/D Due to Annual Maintenance
09:07		Bhulta-Haripur 132 kV Ckt-1 Project Work S/D from Bhulta 132/33kV end Due to Gantry cable and insulator change
09:29	20:29	Bhulta-Ghorasal 230 kV Ckt-1 Scheduled S/D from Bhulta 400/230kV end.
09:30	09:36	Haripur-Madanganj 132kV Ckt-1 Tripped from Haripur 230/132kV end showing DEF AIDED [OPTIMHO] relays.
09:31	20:30	Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end.
09:39	10:06	Haripur-Siddhirganj 132kV Ckt-1 Tripped from Haripur 230/132kV end showing [OPTIMHO]Z3 DEF START AB relays.
09:39	19:25	Siddhirganj-Siddhirganj (Orion)132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing E/F - Y Phase, Lock out relay relays Due to The Y phase conductor in the outdoor pothead broke and fell down.
	10:21	Lalmonirhat-Rangpur 132 kV Ckt-2 is restored.
	10:21	Lalmonirhat 132/33kV S/S Kurigram-Lalmonirhat is restored.
10:23	15:09	Lalmonirhat-Rangpur 132 kV Ckt-2 Project Work S/D from Lalmonirhat 132/33kV end Due to 113 no tower maintenance work
	10:58	Halishahar 132/33kV S/S 425T(TR-3) HT is restored.
11:36	19:25	Siddhirganj-Siddhirganj (Orion)132kV Ckt-1 Forced S/D from Siddhirganj 132/33kV end Due to Line maintenance work for conductor broken.
12:00		Day Peak Generation is 9080 MW.
12:04	12:35	Chowmuhani-Feni 132 kV Ckt-1 Tripped from Feni 230/132kV end showing Locout relay-K8640 & K8641 relays Due to CNTIEC engineer works at Himark pannel. Connection code wrong.
	12:23	Barishal 132/33kV S/S 132 kv Summit power is restored.
	12:45	Rajshahi 132/33kV S/S Main Bus is restored.
	12:45	Natore-Rajshahi 132kV Ckt-1 is restored.
	12:47	Rajshahi 132/33kV S/S Transformer T-1(405T) HT is restored.
	12:49	Natore-Rajshahi 132kV Ckt-2 is restored.
	12:54	Rajshahi 132/33kV S/S Transformer T-2(415T) HT is restored.
	12:58	Rajshahi 132/33kV S/S 132 kV PPP 50 Mw is restored.
	12:59	Rajshahi-Rajshahi(New) 132kV Ckt-2 is restored.
	13:01	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT is restored.
	13:08	Chauddagram-Feni 132 kV Ckt-2 is restored.
	15:32	Halishahar 132/33kV S/S 415T(TR-2) HT is restored.
	16:19	Goalpara- Khulna (C) 132kV Ckt-2 is restored.
	16:26	Hasnabad 230/132kV S/S AUTO TR-2 LT is restored.
	16:26	Hasnabad 230/132kV S/S AUTO TR-2 HT is restored.
18:00		Evening peak generation 9609 MW
	19:24	Rangpur 132/33kV S/S Rangpur-GTPS is restored.
	20:14	Niamatpur 132/33kV S/S Transformer-1(407T) HT is restored.
	20:15	Niamatpur 132/33kV S/S Transformer-1(407T) LT is restored.
05:00		Minimum Generation is 6972 MW
06:29		Khulna(C)-Noapara 132kV Ckt-1 Scheduled S/D from Noapara 132/33kV end. and from Khulna (C) end Due to for G to G project work.
06:37		Bhulta-Ghorasal 230 kV Ckt-1 Scheduled S/D from Bhulta 400/230kV end.
06:39		Bhulta-Ghorasal 230 kV Ckt-2 Scheduled S/D from Bhulta 400/230kV end.
07:12		Barishal-Barishal(N) 132 kV Ckt-1 Scheduled S/D from Barishal 132/33kV end Due to Annual Maintenance and from Barishal 230/132kV end Due to Annual Maintenance
07:13		Barishal-Barishal(N) 132 kV Ckt-1 Scheduled S/D from Barishal 230/132kV end Due to Annual Maintenance
07:15		Bakulia 132/33kV S/S T-2 (412T) HT Scheduled S/D Due to Annual Maintenance.
07:16		APR-Hasnabad 230kV Ckt-2 Scheduled S/D from Hasnabad 230/132kV end Due to Annual Maintenance
07:17		Gulshan 132/33kV S/S MT-1 LT Scheduled S/D
07:23		Gulshan 132/33kV S/S MT-1 HT Scheduled S/D
07:25		Madunaghat 400/230kV S/S ATR-1 7006T HT Scheduled S/D Due to Annual maintenance
07:25		Madunaghat 400/230kV S/S ATR-1 7006T LT Scheduled S/D Due to Annual maintenance
07:27		Gopalganj 132/33kV S/S Gopalganj 100 MW PS Project Work S/D Due to T-3 jack bus installation



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07:28 Gopalganj 132/33kV S/S Gallamari-1 Project Work S/D Due to T-3 jack bus installation

07:28 Gopalganj 132/33kV S/S Gallamari-2 Project Work S/D Due to T-3 jack bus installation

07:37 Shyampur 230/132kV S/S 230 kV APR (D04) Scheduled S/D Due to Annual maintenance work at Hasnabad substation.

07:47 Gopalganj-Madhumati 132kV Ckt-1 Project Work S/D from Gopalganj 132/33kV end Due to T-3 jack bus installation

07:50 Mymensingh 132/33kV S/S Bus B Project Work S/D Due to GToG project work

07:59 Keranigonj 230/132/33kV S/S TR-2 LT Scheduled S/D Due to Annual Maintenance

07:59 Keranigonj 230/132/33kV S/S TR-2 HT Scheduled S/D Due to Annual Maintenance

07:59 Keranigonj 230/132/33kV S/S TR-2 LT Scheduled S/D Due to Annual Maintenance

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division