



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

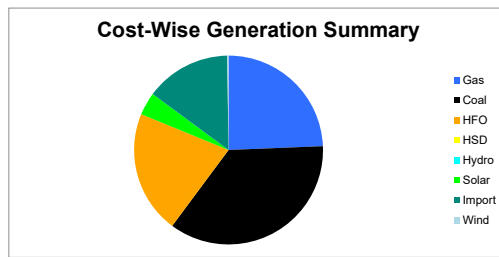
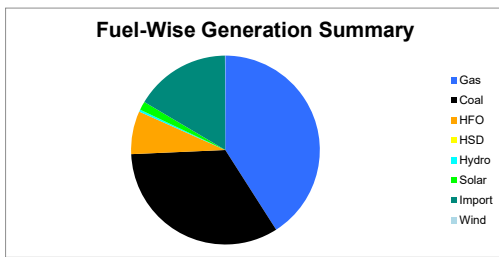
Date : 01-UZ-2020

Power Supply Scenario

Day Peak Generation	11413.88	MW	12.00 Hr.	Energy Generated	250.37522	MKWHr.
Day Peak Demand	11433.88	MW	12.00 Hr.	Energy Unserviced	0.35000	MKWHr.
Evening Peak Generation	11875.1	MW	19.00 Hr.	Energy Demand	250.72522	MKWHr.
Evening Peak Demand	11900.1	MW	19.00 Hr.	Maximum Temperature	26.80	°C
Minimum Generation of the Day	8063	MW	05.00 Hr.	Total Gas Supplied	763.64	MMCFD
Maximum Generation of the Day	11875.1	MW	19.00 Hr.	Production Cost per KWHR	5.98013	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	29.31	0.00	7.08	0.00	0.00	0.15	0.00	0.00	36.54
Chattogram Zone	4.65	40.11	3.68	0.00	0.96	0.16	0.00	0.22	49.78
Cumilla Zone	21.46	0.00	2.83	0.00	0.00	0.43	2.78	0.00	27.50
Mymensingh Zone	0.29	0.00	1.53	0.00	0.00	0.22	0.00	0.00	2.04
Sylhet Zone	19.16	0.00	0.00	0.00	0.00	0.05	0.00	0.00	19.21
Khulna Zone	5.52	12.84	0.18	0.00	0.00	0.55	21.69	0.00	40.79
Barishal Zone	8.28	29.32	0.55	0.00	0.00	0.00	0.00	0.00	38.16
Rajshahi Zone	13.89	0.00	1.31	0.00	0.00	1.15	16.53	0.00	32.88
Rangpur Zone	0.00	1.22	1.26	0.00	0.00	1.00	0.00	0.00	3.49
Total	102.55	83.50	18.43	0.00	0.96	3.73	40.99	0.22	250.38



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	364414426.7	Hydro	95600
Coal	536449582.8	Solar	59017228.69
HFO	314832351.3	Import	219218372
HSD	0	Wind	3247968
Total:	149,72,75,529		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.68509	Peak Hr Flow	897.00 MW at 19:00 hrs.
Energy Flow from West to East:	KWHr:	8545492.19	Import through Adani C/B Interconnector:	MKWHr:	16.532727	Peak Hr Flow	752.00 MW at 19:00 hrs.
Flow during Peak Demand (W-E):	MW:	1475	Import through Cumilla C/B Interconnector:	MKWHr:	2.77536	Peak Hr Flow	124.00 MW at 19:00 hrs.
Maximum Power Flow (W-E):	MW:	2060	Total Import through C/B Interconnector:	MKWHr:	40.993177	Peak Hr Flow	1773.00 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	4409
Chattogram	0	1171
Cumilla	0	976
Mymensingh	24	980
Sylhet	0	417
Khulna	0	1274
Barishal	0	320
Rajshahi	0	1109
Rangpur	0	797
Total	24	11453

Status of unavailable Power Plant

Planned S/D			Forced S/D		
SI	Plant Name	Capacity	SI	Plant Name	Capacity
1	Baghabari 100 MW GTPP	100	1	Patenga 50MW PP (Baraka)	50
2	Barapukuria TPP Unit-2	85			
3	Siddhirgonj 210 MW TPP	115			
Total			Total		
300			50		
Total Unavailable Capacity			350		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:31	18:25	Bogura 400/230kV S/S Bogura - Rooppur 400 KV Line-1 Scheduled S/D Due to Annual Maintenance work	
08:50		Jhenaidah 230/132kV S/S Jhenaidah (New)-Jhenaidah (Old) Ckt-1 Project Work S/D Due to Project work	
08:50		Jhenaidah 230/132kV S/S Jhenaidah (New)-Jhenaidah (Old) Ckt-2 Project Work S/D Due to Project work	
08:51		Jhenaidah-Jhenaidah(New) 132kV Ckt-3 Project Work S/D from Jhenaidah 230/132kV end Due to Project work	
08:54	19:14	HVDC Bheramera- Jhenaidah 230kV Ckt-1 Project Work S/D from Jhenaidah 230/132kV end Due	



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Date :	01-Uz-Zuzo		
	to project work		
08:57	19:14	HVDC Bheramera-Jhenaidah 230kV Ckt-2 Project Work S/D from Jhenaidah 230/132kV end Due to project work	
09:04	16:36	Aminbazar 400/230/132kV S/S Bus-1 (400kV) Scheduled S/D Due to Annual maintenance	
09:16	19:16	HVDC Bheramera- Jhenaidah 230kV Ckt-1 Project Work S/D from BIPTC end.	
09:16	19:16	HVDC Bheramera-Jhenaidah 230kV Ckt-2 Project Work S/D from BIPTC end.	
11:44	23:05	Naogaon-Niyamatpur 132kV Ckt-1 Project Work S/D from Niyamatpur 132/33kV end Due to None	
11:46	23:00	Niyamatpur 132/33kV S/S 132 kV Naogaon ckt-2 Project Work S/D Due to None	
12:00		Day Peak Generation: 11410 MW.	
12:09		Aminbazar-Kaliakoir 230kV Ckt-1 Scheduled S/D from Kaliakoir 400/230/132kV end Due to NLDC. and from Aminbazar 400/230/132kV end Due to Disc cleaning	
13:00		Chandpur 132/33kV S/S 402T (T-01) LT Forced S/D	
16:38	19:25	Purbasadipur 132/33kV S/S ATR-1 LT Project Work S/D Due to DFDR Testing by SPMD for EEGBPS project	
16:40	19:24	Purbasadipur 132/33kV S/S ATR-1 HT Project Work S/D Due to DFDR Testing by SPMD for EEGBPS project	
	16:46	Kulaura 132/33kV S/S TR-1 AB HT is restored.	
	16:47	Kulaura 132/33kV S/S TR-1 AB LT is restored.	
	16:48	Rajshahi 132/33kV S/S Transformer T-1(405T) HT is restored.	
	16:50	Rajshahi 132/33kV S/S Transformer T-1(405T) LT is restored.	
	17:01	Mirpur 132/33kV S/S RPC Main is restored.	
	17:01	Mirpur 132/33kV S/S RPC Unit-3 is restored.	
	17:01	Mirpur 132/33kV S/S RPC Unit-2 is restored.	
17:30		At Kaliganj S/S, 33 KV Breaker of T2&T3 Transformer are Closed.	
	18:30	Chapai 132/33kV S/S T-3 (425T) HT is restored.	
19:00		Evening Peak Generation: 11875 MW	
20:23	20:52	Chapai 132/33kV S/S T-4 (435T) LT Forced S/D Due to Trip coil maintenance	
20:23	20:52	Chapai 132/33kV S/S T-4 (435T) HT Forced S/D Due to Trip coil maintenance	
	22:04	Mymensingh-Netrokona 132kV Ckt-1 is restored.	
07:19		Kasba 132/33kV S/S TR-1 HT Forced S/D Due to red hot maintenance on kasba -1 33 kv feeder DS	10.0MW load interrupt.
07:19		Kasba 132/33kV S/S TR-1 LT Forced S/D Due to red hot maintenance on kasba-1 33 kv feeder DS	10.0MW load interrupt.
07:41		Aminbazar-Meghnaghat 400kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Disc Cleaning and from Meghnaghat 400/230kV end Due to Maintenance work	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division