



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

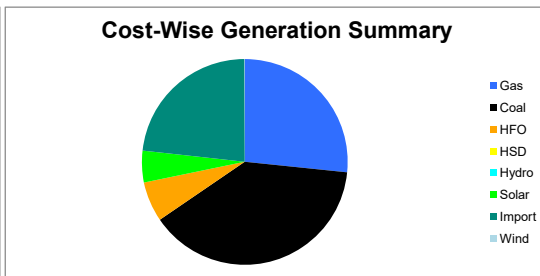
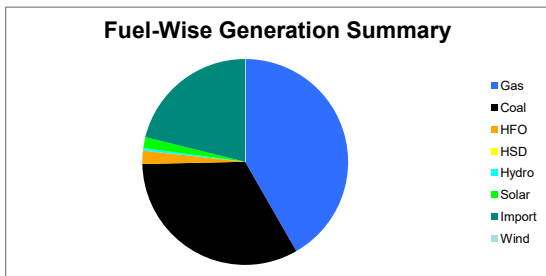
Date : 17-12-2020

Power Supply Scenario

Day Peak Generation	9810.5	MW	12:00 Hr.	Energy Generated	220.16501	MKWHr.
Day Peak Demand	9810.5	MW	12:00 Hr.	Energy Unserviced	0.00000	MKWHr.
Evening Peak Generation	11055.01	MW	19:00 Hr.	Energy Demand	220.16501	MKWHr.
Evening Peak Demand	11055.01	MW	19:00 Hr.	Maximum Temperature	28.10	°C
Minimum Generation of the Day	6766.5	MW	05:00 Hr.	Total Gas Supplied	720.07	MMCFD
Maximum Generation of the Day	11055.01	MW	19:00 Hr.	Production Cost per KWHr	5.44073	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	24.88	0.00	2.28	0.00	0.00	0.16	0.00	0.00	27.32
Chattogram Zone	5.69	20.54	0.67	0.00	0.97	0.12	0.00	0.05	28.04
Cumilla Zone	19.68	0.00	0.58	0.00	0.00	0.36	2.47	0.00	23.09
Mymensingh Zone	3.73	0.00	0.72	0.00	0.00	0.28	0.00	0.00	4.73
Sylhet Zone	10.83	0.00	0.00	0.00	0.00	0.01	0.00	0.00	10.84
Khulna Zone	6.91	22.31	0.00	0.00	0.00	0.39	20.03	0.00	49.64
Barishal Zone	6.17	28.35	0.00	0.00	0.00	0.00	0.00	0.00	34.52
Rajshahi Zone	13.94	0.00	0.00	0.00	0.00	1.19	23.99	0.00	39.11
Rangpur Zone	0.00	1.34	0.34	0.00	0.00	1.19	0.00	0.00	2.88
Total	91.83	72.54	4.58	0.00	0.97	3.70	46.49	0.05	220.17



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	318763905	Hydro	96800
Coal	465696852.6	Solar	59605637.81
HFO	75574295.92	Import	277436487.4
HSD	0	Wind	684897.6
Total:		119,78,58,876 Tk.	

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	20.031272	Peak Hr Flow	02.00 MW at 19:00 hrs
Energy Flow from West to East:	KWHr:	44946036.37	Import through Adani C/B Interconnector:	MKWHr:	23.989091	Peak Hr Flow	421.81 MW at 19:00 hrs
Flow during Peak Demand (W-E):	MW:	2913	Import through Cumilla C/B Interconnector:	MKWHr:	2.47392	Peak Hr Flow	22.00 MW at 19:00 hrs
Maximum Power Flow (W-E):	MW:	2913	Total Import through C/B Interconnector:	MKWHr:	46.494283	Peak Hr Flow	445.81 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	4018
Chattogram	0	1172
Cumilla	0	937
Mymensingh	0	840
Sylhet	0	388
Khulna	0	1214
Barishal	0	311
Rajshahi	0	978
Rangpur	0	709
Total	0	10567

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			Total		
300			0		
Total Unavailable Capacity			300		

Event Summary

Outage Time	Restoration	Description of Event	Description of Event
08:00	17:48	Kachua 230/132/33kV S/S TR-1 LT Scheduled S/D Due to Annual maintenance	
08:01	17:48	Kachua 230/132/33kV S/S TR-1 HT Scheduled S/D Due to Annual maintenance	
08:04	17:18	Chauddagram 132/33kV S/S 132 kv T-1 HT Scheduled S/D Due to Yearly maintenance.	3.0MW load interrup.
08:04	17:18	Chauddagram 132/33kV S/S 132 kv T-1 LT Scheduled S/D Due to Yearly maintenance.	3.0MW load interrup.
08:09	17:56	Kurigram 132/33kV S/S Transformer T-2 (Tr-413T) LT Scheduled S/D Due to Annual Maintenance	
08:10	17:55	Kurigram 132/33kV S/S Transformer T-2 (Tr-413T) HT Scheduled S/D Due to Annual Maintenance	



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08:15	17:19	Bhulta 400/230kV S/S 400kV Bus-2 Scheduled S/D
08:19	16:19	Sylhet (South) S/S Trafo-2 LT Scheduled S/D Due to For 33 kv yearly maintainence work.
08:20	16:19	Sylhet (South) S/S Trafo-2 HT Scheduled S/D Due to For 33 kv yearly maintenance Work.
08:21	15:44	Khulna(C)-Khulna (S) 132kV Ckt-1 Scheduled S/D from Khulna (C) end Due to Annual maintenance and from Khulna(S) 230/132kV end Due to Annual maintenance Work
08:24	17:49	Aminbazar-Airport(Old) 230kV Ckt-2 Scheduled S/D from Agargaon 230/132kV end Due to Annual maintenance.
08:25	14:26	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to Annual Maintenance Work
08:26	15:35	Shahmirpur 132/33kV S/S 406T HT Scheduled S/D Due to Annual Maintenance
08:26	15:36	Shahmirpur 132/33kV S/S 406T LT Scheduled S/D Due to Annual Maintenacne
08:26	15:07	Bakulia-Sikalbaha 132 kV Ckt-2 Scheduled S/D from Bakulia 132/33kV end Due to Annual Maintenance
08:27	11:46	Kaliakoir 400/230/132kV S/S 400/230kV TR1 LT Scheduled S/D Due to Annual Maintenance.
08:28	11:46	Kaliakoir 400/230/132kV S/S 400/230kV TR1 HT Scheduled S/D Due to Annual Maintenance.
08:31	15:40	Mahasthangar-Palashbari 132kV Ckt-1 Scheduled S/D from Mahasthangarh 132/33kV end Due to Annual Maintenance work.
08:32	16:51	Rahanpur 132/33kV S/S TR-1 404T LT Scheduled S/D Due to Annual Maintenance.
08:35	16:35	Shahjibazar-Sreemangal 132kV Ckt-1 Scheduled S/D from Sreemongol 132/33kV end Due to Annual Maintenance and from Shahjibazar 132/33kV end Due to Shutdown for annual maintainence
08:35	16:51	Rahanpur 132/33kV S/S TR-1 404T HT Scheduled S/D Due to Annual Maintenance.
08:41	15:39	Mahasthangar-Palashbari 132kV Ckt-1 Scheduled S/D from Palashbari 132/33kV end Due to Annual maintenance
08:42	17:03	Bhulta-Rampura 230 kV Ckt-1 Scheduled S/D from Rampura 230/132kV end Due to Annual Maintenance and from Bhulta 400/230kVend.
08:48	15:46	Sirajganj 132/33kV S/S T3-(435) LT Scheduled S/D Due to Annual Maintenance
08:48	15:45	Sirajganj 132/33kV S/S T3-(435) HT Scheduled S/D Due to annual maintenance
09:01	14:26	Feni 132/33kV S/S T-2(415T) HT Scheduled S/D Due to Annual Maintenance Work
09:07	13:33	Fenchuganj 230/132/33kV S/S TR-01 LT Scheduled S/D Due to Annual maintenance
09:09	16:58	Cumilla(N) 230/132/33kV S/S 230KV ATR-01 LT Scheduled S/D Due to Annual Maintenance(testing).
09:09	16:58	Cumilla(N) 230/132/33kV S/S 230KV ATR-01 HT Scheduled S/D
09:18	13:25	Jashore 132/33kV S/S T-2 LT Scheduled S/D Due to Annual Maintance
09:18	13:25	Jashore 132/33kV S/S T-2 HT Scheduled S/D Due to Annual Maintance
09:24		Mirpur 132/33kV S/S Reserve Bus Scheduled S/D Due to Annual maintenance work.
09:24	15:29	Bibiyana-Kaliakoir 400 kV Ckt-2 Scheduled S/D from Kaliakoir 400/230/132kV end Due to Annual Maintenance at Bibiyana substation end.
09:25	13:26	Fenchuganj 230/132/33kV S/S TR-01 HT Scheduled S/D Due to Annual maintenance
09:30		Saidpur 132/33kV S/S BUS B is restored.
09:31		Ashuganj 450 MW CAPP(North) Synchronized with remarks:- GT
09:33	16:32	Bogura 400/230kV S/S ATR-01 LT Scheduled S/D Due to Annual Maintenance.
09:34	16:32	Bogura 400/230kV S/S ATR-01 HT Scheduled S/D Due to Annual Maintenance.
09:36	16:57	BIPTC S/S 10CF25 Scheduled S/D Due to Annual Maintenance
09:38		Brahmanbaria 132/33kV S/S 403T LT Project Work S/D
09:38		Brahmanbaria 132/33kV S/S 403T HT Project Work S/D
09:39		Hathazari-Kaptai 132kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Annual Maintenance (Deadline checking)
09:43	17:12	Bhulta-Narsingdi 132 kV Ckt-1 Scheduled S/D from Narshingdi 132/33kV end Due to For annual maintenance work.
09:44		Bibiyana-Kaliakoir 400 kV Ckt-2 Scheduled S/D from Bibiana 400/230kV end Due to Am
09:45	17:11	Haripur-Narsingdi 132kV Ckt-1 Scheduled S/D from Narshingdi 132/33kV end Due to For annul maintenance purpose.



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09:49	16:18	Tongi 230/132/33kV S/S T-3 HT Scheduled S/D
09:49	16:17	Tongi 230/132/33kV S/S T-3 LT Scheduled S/D
10:11	23:51	BIPTC S/S Baharampur-1 Scheduled S/D Due to Shutdown is taken from Baharampur end.
10:16	15:43	Ghatail 132/33kV S/S T-2 LT Scheduled S/D Due to annual maintenance
10:17	15:42	Ghatail 132/33kV S/S T-2 HT Scheduled S/D Due to Annual maintenance
10:45		Ashuganj 450 MW CCPP(South) Synchronized with remarks:- GT
10:58	15:13	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 Scheduled S/D Due to Annual maintenance.
	11:05	Saidpur 132/33kV S/S TR-5 (434T) HT is restored.
	11:07	Saidpur 132/33kV S/S TR-5 (434T) LT is restored.
11:49	13:30	Bhaluka 132/33kV S/S Bus A Scheduled S/D Due to Annual maintenance
11:59	17:15	Kaliakoir 400/230/132kV S/S 230kV Bus 2 Scheduled S/D Due to Annual Maintenance
12:00		Day Peak Generation: 9807 MW.
12:10	14:12	Saidpur 132/33kV S/S TR-01 HT Scheduled S/D Due to Project work.
12:15	13:55	Saidpur 132/33kV S/S BUS A Scheduled S/D Due to Project Work.
14:41	16:35	Bogura 230/132kV S/S T-03 LT Forced S/D
14:41	16:34	Bogura 230/132kV S/S T-03 HT Forced S/D
15:15	16:35	Saidpur 132/33kV S/S BUS B Scheduled S/D Due to Project work.
15:20	16:30	Saidpur 132/33kV S/S TR-5 (434T) HT Scheduled S/D Due to Project work.
15:21	16:31	Saidpur 132/33kV S/S TR-5 (434T) LT Scheduled S/D Due to Project work.
15:28		Bhola 225MW CCPP tripped.
	15:43	Ghatail 132/33kV S/S T-2 LT is restored.
	15:47	Hasnabad-Keraniganj 230kV Ckt-2 is restored.
	15:47	Hasnabad-Keraniganj 230kV Ckt-2 is restored.
16:00		P Sadipur 230/132kv T1 & T2 - S/D.
16:08		Bp - P Sadipur 230kv Ckt 1 & 2 S/D.
16:34		BP P/P 230KV Bus 2 S/D.
	16:40	Barishal(N)-Madaripur 132 kv Ckt-1 is restored.
17:38		Ashuganj 450 MW CCPP(North) Shutdown with remarks:- GT
18:53		Meghnaghat 230/132kV S/S Meghnaghat-ST (MPL) Scheduled S/D Due to DUE TO RADE HOT AT DS FINGER OF DS 839S, SHUTDOWN OF BUS 2 SIDE CB 838B. NO POWER INTERRUPTION WILL HAPPEN FOR THIS BREAKER SHITUDOWN.
19:00		Evening Peak Generation: 11054 MW.
05:00		Minimum Generation is 7537 MW.
07:38		Mahasthangar-Palashbari 132kV Ckt-1 Scheduled S/D from Palashbari 132/33kV end Due to Annual Maintenance
07:41		Haripur-Siddhirganj 132kV Ckt-1 Scheduled S/D from Siddhirganj 132/33kV end Due to Relay installation and from Haripur 230/132kV end Due to Shutdown taken by Siddhirganj S/S.
07:49		Shyampur 230/132kV S/S Auto TR-1 HT Tripped showing Differential trip R,Y phase relays Due to Differential trip R,Y phase
07:51		Barishal(N)-Madaripur 132 kv Ckt-1 Scheduled S/D from Madaripur 132/33kV end Due to Annual Maintenance

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division