



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

Date : 03-12-2020

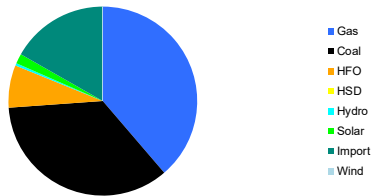
Power Supply Scenario

Day Peak Generation	11069.32	MW	12:00 Hr.	Energy Generated	244.72657	MKWHr.
Day Peak Demand	11454.32	MW	12:00 Hr.	Energy Unservrd	1.89300	MKWHr.
Evening Peak Generation	11371.01	MW	19:00 Hr.	Energy Demand	246.61957	MKWHr.
Evening Peak Demand	11371.01	MW	19:00 Hr.	Maximum Temperature	29.50	°C
Minimum Generation of the Day	8329.54	MW	05:00 Hr.	Total Gas Supplied	738.18	MMCFD
Maximum Generation of the Day	11371.01	MW	19:00 Hr.	Production Cost per KWHr	6.07722	Tk.

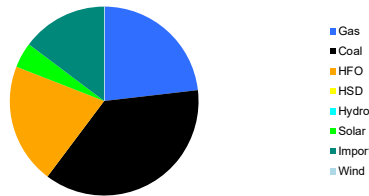
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	23.81	0.00	6.27	0.00	0.00	0.18	0.00	0.00	30.26
Chattogram Zone	4.78	42.19	3.67	0.00	0.96	0.15	0.00	0.02	51.76
Cumilla Zone	22.67	0.00	2.89	0.00	0.00	0.44	2.48	0.00	28.48
Mymensingh Zone	0.46	0.00	1.86	0.00	0.00	0.31	0.00	0.00	2.62
Sylhet Zone	19.37	0.00	0.00	0.00	0.00	0.07	0.00	0.00	19.44
Khulna Zone	2.14	13.11	0.17	0.00	0.00	0.49	21.70	0.00	37.62
Barishal Zone	8.59	30.84	0.68	0.00	0.00	0.00	0.00	0.00	40.11
Rajshahi Zone	12.91	0.00	1.21	0.00	0.00	1.27	16.83	0.00	32.22
Rangpur Zone	0.00	0.00	1.07	0.00	0.00	1.14	0.00	0.00	2.21
Total	94.72	86.15	17.82	0.00	0.96	4.05	41.02	0.02	244.73

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	344433361.4	Hydro	96000
Coal	552154010.4	Solar	64552095.29
HFO	307191670	Import	218539845.1
HSD	0	Wind	289492.8
Total:	148,72,56,474		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.703272	Peak Hr Flow	898.00 MW at 19:00 hrs.
Energy Flow from West to East:	KWHr:	33662619.11	Import through Adani C/B Interconnector:	MKWHr:	16.827273	Peak Hr Flow	752.41 MW at 19:00 hrs.
Flow during Peak Demand (W-E):	MW:	1312	Import through Cumilla C/B Interconnector:	MKWHr:	2.48448	Peak Hr Flow	94.00 MW at 19:00 hrs.
Maximum Power Flow (W-E):	MW:	2199	Total Import through C/B Interconnector:	MKWHr:	41.015025	Peak Hr Flow	1744.41 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	3895
Chattogram	0	1157
Cumilla	0	1006
Mymensingh	29	1002
Sylhet	0	417
Khulna	0	1292
Barishal	0	327
Rajshahi	0	1054
Rangpur	0	808
Total	29	10958

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
Total Unavailable Capacity			300		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:30	18:25	Lalmonirhat 132/33kV S/S Kurigram-Lalmonirhat Scheduled S/D Due to Annual maintenance	
08:31	18:26	Lalmonirhat-Rangpur 132 kV Ckt-2 Scheduled S/D from Kurigram 132/33kV end Due to annual maintenance.	
08:40		Kasba 132/33kV S/S TR-2 LT is restored.	
08:40		Kasba 132/33kV S/S TR-2 HT is restored.	
08:40		Rampal 400/230kV S/S Start-Up Transformer (SUT) HT Scheduled S/D Due to EMD take PTW for schedule maintenance.	
08:47	16:45	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-1 Scheduled S/D Due to Annual	



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		maintenance	
08:57	16:42	Bogura 400/230kV S/S Bogura - Rooppur 400 KV Line-1 Scheduled S/D Due to Annual maintenance	123.0MW load interrupt.
08:57	16:45	Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-2 Scheduled S/D Due to Annual maintenance	
09:47	14:59	Madunaghat 132/33kV S/S TR-1(507T) LT Scheduled S/D Due to shutdown Taken by BPDB	
10:04	16:52	Madunaghat 132/33kV S/S ATR-1(705T) LT Scheduled S/D Due to Annual Maintenance	
10:05	16:56	Madunaghat 132/33kV S/S ATR-1(705T) HT Scheduled S/D Due to Annual Maintenance	
10:30	13:38	Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT Scheduled S/D Due to Replacing the cracked glass of the OSR.	
10:30	13:38	Maniknagar 230/132kV S/S Auto Transformer-01(705T) LT Scheduled S/D Due to Replacing the cracked glass of the OSR.	
10:31		JERA Meghnaghat Power Limited 718 MW CCPP GT2 was sync.	
10:32	13:34	Maniknagar-Siddhirganj 230kV Ckt-1 Scheduled S/D from Siddhirganj 230/132kV end Due to Transformer maintenance work	
10:35	14:59	Madunaghat 132/33kV S/S TR-1(507T) HT Scheduled S/D Due to shutdown Taken by BPDB	
10:35	12:48	Bogura 230/132kV S/S T-02 LT Forced S/D Due to Red hot maintenance	
10:35	12:48	Bogura 230/132kV S/S T-02 HT Forced S/D Due to Red hot maintenance	
10:49	11:17	Bashundhara-Tongi 132 kV Ckt-2 Tripped from Tongi 230/132/33kV end showing Dist. B-Phase relays Due to Trip	
10:55		Mirsorai 230/33kV S/S Bus-2 Project Work S/D Due to Bashundhara Bus Coupling	
11:12		Chattak-Sylhet 132 kV Ckt-2 is restored.	
11:46		JERA Meghnaghat Power Limited 718 MW CCPP GT1 was sync.	
12:00		Day Peak Generation: 11065 MW.	
12:34		Purbasadipur 132 KV GIS bus cupler s/d..	
13:15		Haripur 412 MW CCPP Synchronized with remarks:- GT	
13:15		Haripur EGCB 412 MW CCPP GT was sync.	
14:33		Purbasadipur 132 KV GIS bus cupler syn.	
16:18		Aminbazar-Meghnaghat 400kV Ckt-2 is restored.	
16:19		Aminbazar-Meghnaghat 400kV Ckt-1 is restored.	
16:30		Haripur 412 MW CCPP Synchronized with remarks:- ST	
17:15	17:32	Dohazari 132/33kV S/S Power Transformer -T-1 LT Tripped showing 33 KV Relay- General trip, phase B,C,51/50 -O/C trip 132 KV Relay -General trip,R Y B phase trip,LV-OC trip relays Due to Due to Patiya 33 KV feeder.	4.0MW load interrupt.
06:00		Minimum gen: 7381 MW	
07:53		Aminbazar-Airport(Old) 230kV Ckt-2 Scheduled S/D from Agargaon 230/132kV end Due to Annual maintenance work	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division