



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

Date : 09-02-2020

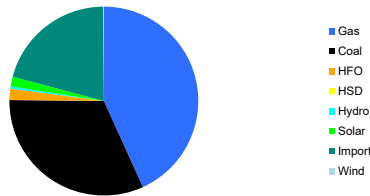
Power Supply Scenario

Day Peak Generation	11338.27	MW	12:00 Hr.	Energy Generated	248.82603	MKWHr.
Day Peak Demand	11338.27	MW	12:00 Hr.	Energy Unservd	0.10000	MKWHr.
Evening Peak Generation	11746.52	MW	19:00 Hr.	Energy Demand	248.92603	MKWHr.
Evening Peak Demand	11776.52	MW	19:00 Hr.	Maximum Temperature	28.50	°C
Minimum Generation of the Day	7948.92	MW	05:00 Hr.	Total Gas Supplied	822.80	MMCFD
Maximum Generation of the Day	11783.96	MW	13:00 Hr.	Production Cost per KWHr	5.35100	Tk.

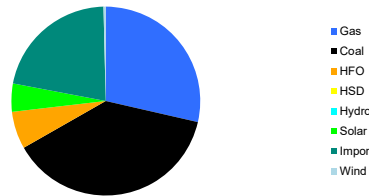
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	28.39	0.00	2.39	0.00	0.00	0.20	0.00	0.00	30.98
Chattogram Zone	3.08	40.81	0.38	0.00	0.97	0.15	0.00	0.34	45.72
Cumilla Zone	22.41	0.00	0.33	0.00	0.00	0.44	2.75	0.00	25.93
Mymensingh Zone	1.80	0.00	1.42	0.00	0.00	0.30	0.00	0.00	3.53
Sylhet Zone	21.79	0.00	0.00	0.00	0.00	0.07	0.00	0.00	21.86
Khulna Zone	8.38	11.76	0.00	0.00	0.00	0.58	21.77	0.00	42.49
Barishal Zone	8.35	26.91	0.00	0.00	0.00	0.00	0.00	0.00	35.27
Rajshahi Zone	13.35	0.00	0.01	0.00	0.00	1.29	27.00	0.00	41.65
Rangpur Zone	0.00	0.00	0.40	0.00	0.00	1.01	0.00	0.00	1.41
Total	107.54	79.48	4.93	0.00	0.97	4.05	51.51	0.34	248.83

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	380407278	Hydro	96800
Coal	508851085.3	Solar	64216377.49
HFO	84795349.47	Import	288158445.2
HSD	0	Wind	4942560
Total:	133,14,67,895		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.76509	Peak Hr Flow:	1.00 MW at 19:00 hr
Energy Flow from West to East:	KWHr:	39234183.31	Import through Adani C/B Interconnector:	MKWHr:	26.997454	Peak Hr Flow:	39.82 MW at 19:00 h
Flow during Peak Demand (W-E):	MW:	1919	Import through Cumilla C/B Interconnector:	MKWHr:	2.7504	Peak Hr Flow:	8.00 MW at 19:00 hr
Maximum Power Flow (W-E):	MW:	2319	Total Import through C/B Interconnector:	MKWHr:	51.512944	Peak Hr Flow:	38.82 MW at 19:00 h

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:00 Hr.)

Zone	Load-Shed	Demand
Dhaka	0	4306
Chattogram	0	1151
Cumilla	0	982
Mymensingh	29	1035
Sylhet	0	422
Khulna	0	1302
Barishal	0	310
Rajshahi	0	1122
Rangpur	0	787
Total	29	11417

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			
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
08:38	10:29	Kabirpur 132/33kV S/S XFR, T-2 LT Scheduled S/D Due to 33kV DS maintenance of kashimpur-2	60.0MW load interrupt.
08:38	10:28	Kabirpur 132/33kV S/S XFR, T-2 HT Scheduled S/D	60.0MW load interrupt.
09:13		Niamatpur 132/33kV S/S Transformer-1(407T) HT is restored.	
09:14		Niamatpur 132/33kV S/S Transformer-1(407T) LT is restored.	
10:20		Tongi 230/132/33kV S/S Tongi-Tongi 80 MW PS Scheduled S/D Due to Annual maintenance	



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10:50	Sylhet (South) S/S Trafo-1 LT is restored.	
10:54	Bibiyana-III 400 MW CCPP Synchronized with remarks:- GT	
12:00	Day Peak Generation: 11334 MW	
12:00	12:51 Bagerhat-Bhandaria 132 kV Ckt-1 Forced S/D from Bagerhat 132/33kV end Due to Emergency tree trimming works for 63-64 Tower span.	
12:05	12:18 Chandpur 132/33kV S/S 412T (T-2) LT Scheduled S/D Due to সূঁচি অক্ষত	
12:05	12:18 Chandpur 132/33kV S/S 412T (T-2) HT Scheduled S/D Due to সূঁচি অক্ষত	
12:35	Ashuganj 450 MW CCPP(South) Synchronized with remarks:- ST	
12:36	Shikalbaha 225 MW CCPP GT was synchronized	
14:10	Rampur 230/132/33 S/S TR-1 HT is restored.	
14:29	Aminbazar 400/230/132kV S/S 230 kv Bus 02 is restored.	
16:23	Rampur 230/132/33 S/S TR-1 LT is restored.	
02:34	Rampal 1320 MW (BIFPCL) Tripped with remarks:- U#2	
02:36	Rampal 1320 MW (BIFPCL) unit-2 tripped.	
07:23	Bogura 132/33kV S/S Transformer-4 HT Scheduled S/D Due to 132KV CT ,Y phase Red hot maintenance.	
07:23	Bogura 132/33kV S/S Transformer-4 LT Scheduled S/D Due to 132KV CT ,Y phase Red hot maintenance.	
07:36	Benapole 132/33kV S/S Transformer-1(406T) LT Forced S/D Due to Kazirhat 33kv Pbs feeder red hot	20.0MW load interrupt.
07:37	Benapole 132/33kV S/S Transformer-1(406T) HT Forced S/D Due to kazirhat 33kv Pbs feeder red hot	20.0MW load interrupt.

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division