



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

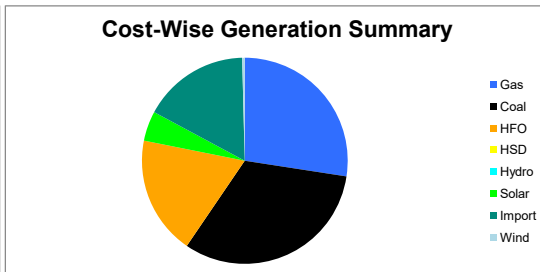
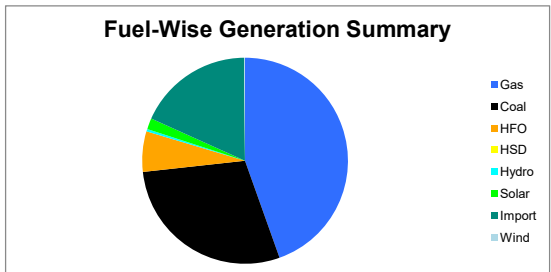
Date : 30-07-2020

Power Supply Scenario

Day Peak Generation	10722.21	MW	12:00 Hr.	Energy Generated	231.04322	MKWHr.
Day Peak Demand	10722.21	MW	12:00 Hr.	Energy Unserviced	0.79600	MKWHr.
Evening Peak Generation	10541.4	MW	19:00 Hr.	Energy Demand	231.83922	MKWHr.
Evening Peak Demand	10541.4	MW	19:00 Hr.	Maximum Temperature	27.50	°C
Minimum Generation of the Day	8228.58	MW	05:00 Hr.	Total Gas Supplied	746.78	MMCFD
Maximum Generation of the Day	11046.09	MW	13:00 Hr.	Production Cost per KWHr	5.80222	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	30.15	0.00	5.98	0.00	0.00	0.14	0.00	0.00	36.28
Chattogram Zone	4.91	27.89	2.62	0.00	0.88	0.14	0.00	0.38	36.82
Cumilla Zone	20.88	0.00	1.90	0.00	0.00	0.41	2.51	0.00	25.69
Mymensingh Zone	0.37	0.00	1.35	0.00	0.00	0.30	0.00	0.00	2.01
Sylhet Zone	19.35	0.00	0.00	0.00	0.00	0.07	0.00	0.00	19.42
Khulna Zone	5.61	13.53	0.14	0.00	0.00	0.44	21.65	0.00	41.37
Barishal Zone	8.34	23.58	0.30	0.00	0.00	0.00	0.00	0.00	32.22
Rajshahi Zone	13.40	0.00	1.15	0.00	0.00	1.37	17.74	0.00	33.67
Rangpur Zone	0.00	1.25	1.20	0.00	0.00	1.09	0.00	0.00	3.55
Total	103.01	66.26	14.65	0.00	0.88	3.97	41.89	0.38	231.04



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	367694915	Hydro	88400
Coal	430443080.2	Solar	63022885.88
HFO	249198968	Import	224516612.8
HSD	0	Wind	5599214.4
Total:	134,05,64,076		Tk.

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.645091	Peak Hr Flow	897.00 MW at 19:00 hrs.
Energy Flow from West to East:	KWHr:	3571274.12	Import through Adani C/B Interconnector:	MKWHr:	17.739163	Peak Hr Flow	754.00 MW at 19:00 hrs.
Flow during Peak Demand (W-E):	MW:	1685	Import through Cumilla C/B Interconnector:	MKWHr:	2.50656	Peak Hr Flow	110.00 MW at 19:00 hrs.
Maximum Power Flow (W-E):	MW:	1908	Total Import through C/B Interconnector:	MKWHr:	41.890814	Peak Hr Flow	761.00 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	3633
Chattogram	0	1094
Cumilla	0	896
Mymensingh	0	947
Sylhet	0	375
Khulna	0	1177
Barishal	0	307
Rajshahi	0	1028
Rangpur	0	740
Total	0	10197

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	1	Patenga 50MW PP (Baraka)	50
2	Barapukuria TPP Unit-2	85			
3	Siddhirgonj 210 MW TPP	115			
	Total	300		Total	50
	Total Unavailable Capacity			350	

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:19	18:40	Aminbazar-Airport(Old) 230kV Ckt-1 Scheduled S/D from Agargaon 230/132kV end Due to Annual Maintenance	
08:35	16:11	Aminbazar-Meghnaghat 400kV Ckt-2 Scheduled S/D from Meghnaghat 400/230kV end Due to Maintenance work	
08:47	17:49	Kaliakoir 400/230/132kV S/S 400/132kV TR2 HT Scheduled S/D Due to Annual Maintenance	
08:47	17:49	Kaliakoir 400/230/132kV S/S 400/132kV TR2 LT Scheduled S/D Due to Annual Maintenance	
09:03	18:16	Kaliakoir 400/230/132kV S/S 132kV Bus 2 Scheduled S/D Due to Annual Maintenance	
09:04	15:00	Shikalbaha 230/132kV S/S Hathazari-02 Scheduled S/D Due to Annual maintenance	23.0MW load interrupt.
09:05	15:00	Madunaghat 400/230kV S/S Madunaghat-Shikalbaha 230kV Ckt.-2 Scheduled S/D Due to Annual maintenance	
09:09	10:01	Saidpur 132/33kV S/S TR-3 (424T) LT Forced S/D Due to Red hot maintenance of 33 kv golahat fedder (Nesco/Saidpur) bus isolator.	5.0MW load interrupt.
09:09	10:01	Saidpur 132/33kV S/S TR-3 (424T) HT Forced S/D Due to Red hot maintenance of 33 kv golahat fedder (Nesco/Saidpur) bus isolator.	5.0MW load interrupt.
09:10	09:30	Jhenaidah-Kushtia 132kV Ckt-1 Tripped from Kushtia 132/33kV end showing 67/67N relays.	
09:42		Aminbazar-Kaliakoir 400kV ckt. sch. SD	
10:46	12:17	Shariatpur 132/33kV S/S T1-406T LT Scheduled S/D Due to SAS Status Indication problem maintenance	27.0MW load interrupt.
10:47	12:16	Shariatpur 132/33kV S/S T1-406T HT Scheduled S/D Due to SAS Status Indication problem maintenance	27.0MW load interrupt.
11:05		Barishal 230/132kV S/S T-5 HT is restored.	



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11:07	Barishal 230/132kV S/S T-5 LT is restored.	
11:43	Jhenaidah 230/132kV S/S Transformer- 1 HT is restored.	
11:47	Jhenaidah 230/132kV S/S Transformer- 1 LT is restored.	
11:50	11:57 Natore-Rajshahi 132kV Ckt-2 Project Work S/D from Natore 132/33kV end Due to In order to AIDC bogura	
	11:57 Natore-Rajshahi 132kV Ckt-2 is restored.	
12:00	Day Peak Generation: 10718 MW.	
12:06	Natore-Rajshahi 132kV Ckt-1 Project Work S/D from Natore 132/33kV end Due to In order to AIDC bogura . and from Rajshahi 132/33kV end Due to Project work	
13:23	Pabna 132/33kV S/S Main Bus is restored.	
13:30	Pabna- Shahjadpur 132kV Ckt-1 is restored.	
14:03	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 is restored.	
14:16	Payra 1320 MW Synchronized with remarks:- unit-1	
14:17	Payra 1320 MW unit-1 was sync.	
14:38	17:26 Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-1 Scheduled S/D Due to Maintenance work at Manikganj power plant	
15:13	Barishal 230/132kV S/S T-4 LT Scheduled S/D Due to 33kv busbar and DS maintenance	
15:14	Barishal 230/132kV S/S T-4 HT Scheduled S/D Due to 33kv busbar and DS maintenance	
15:20	From NLDC: Korerhat 400/132kV (250/325 MVA) T-2 and T-3 transformers were charged from 400kV side for the first time at 15:20 hrs. and 15:22 hrs. respectively.	
15:56	Korerhat-Mirsharai 400 kV circuit-1 was charged for the first time from Korerhat end up to Tower No. 36	
16:24	Meghnaghat-Shyampur 230kV Ckt-1 is restored.	
16:24	Meghnaghat-Shyampur 230kV Ckt-1 is restored.	
16:42	Khulna (C) S/S TR-1 425T HT is restored.	
16:43	Khulna (C) S/S TR-1 425T LT is restored.	
16:51	Ishurdi-Pabna 132kV ckt is restored.	
18:15	07:49 Rajshahi-Rajshahi(New) 132kV Ckt-1 Project Work S/D from Mirsora 230/33kV end Due to Bashundhara Bus Coupling	
19:00	Evening Peak Generation: 10541 MW	
22:33	Matarbari 2*600 MW (CPGCBL) Synchronized with remarks:- U-2	
04:04	Ashuganj CCGP 225 MW Tripped with remarks:- ST	
07:26	Baroirhat 132/33kV S/S TR-2, 416T LT Scheduled S/D	
07:27	Baroirhat 132/33kV S/S TR-2, 416T HT Scheduled S/D	
07:32	Meghnaghat-Shyampur 230kV Ckt-2 Scheduled S/D from Meghnaghat 400/230kV end Due to For annual maintenance. and from Shyampur 230/132kV end Due to Changing of Insulator Disc at Tower no. 22 & 23 (Top phase = all set & Middle phase = all set	
07:42	Hathazari 230/132/33kV S/S T-01 HT Scheduled S/D Due to PBS Demand	
07:42	Hathazari 230/132/33kV S/S T-01 LT Scheduled S/D Due to PBS Demand	32.0MW load interrupt.
07:53	Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT Project Work S/D	
07:55	Purbasadipur 132/33kV S/S T-3 Transformer (423T) HT Project Work S/D	

Sub-Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Network Operation Division