



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

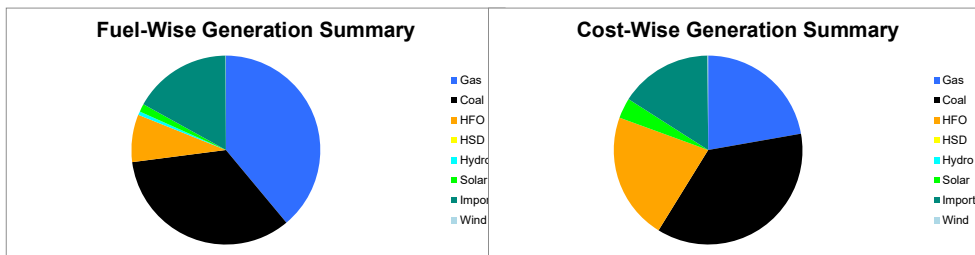
Date : 12-05-2020

Power Supply Scenario

Day Peak Generation	13818.43	MW	12:00 Hr.	Energy Generated	328.99147	MKWHr.
Day Peak Demand	13818.43	MW	12:00 Hr.	Energy Unserviced	1.56800	MKWHr.
Evening Peak Generation	15766.53	MW	19:30 Hr.	Energy Demand	330.55947	MKWHr.
Evening Peak Demand	15999.53	MW	19:30 Hr.	Maximum Temperature	34.50	°C
Minimum Generation of the Day	11530.09	MW	06:00 Hr.	Total Gas Supplied	937.98	MMCFD
Maximum Generation of the Day	15766.53	MW	19:30 Hr.	Production Cost per KWHR	6.12889	Tk.

Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	34.27	0.00	13.90	0.00	0.00	0.25	0.00	0.00	48.42
Chattogram Zone	3.65	48.24	3.88	0.00	1.93	0.17	0.00	0.12	57.97
Cumilla Zone	31.35	0.00	3.16	0.00	0.00	0.55	3.16	0.00	38.22
Mymensingh Zone	0.00	0.00	2.34	0.00	0.00	0.26	0.00	0.00	2.60
Sylhet Zone	28.91	0.00	0.00	0.00	0.00	0.08	0.00	0.00	28.99
Khulna Zone	4.38	27.04	0.01	0.00	0.00	0.71	21.54	0.00	53.69
Barishal Zone	8.44	35.42	0.28	0.00	0.00	0.00	0.00	0.00	44.15
Rajshahi Zone	17.08	0.00	1.70	0.00	0.00	1.59	30.90	0.00	51.27
Rangpur Zone	0.00	1.17	1.61	0.00	0.00	0.90	0.00	0.00	3.69
<b>Total</b>	<b>128.08</b>	<b>111.87</b>	<b>26.89</b>	<b>0.00</b>	<b>1.93</b>	<b>4.51</b>	<b>55.59</b>	<b>0.12</b>	<b>328.99</b>



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	447914669.1	Hydro	192654
Coal	737538882.9	Solar	70299456.91
HFO	438886669.2	Import	319784271.6
HSD	0	Wind	1738956.8
<b>Total:</b>	<b>201,63,53,560</b>		<b>Tk.</b>

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.538909	Peak Hr Flow	885.00 MW at 19:30 hrs.
Energy Flow from West to East:	KWHr:	47342072.73	Import through Adani C/B Interconnector:	MKWHr:	30.89599416	Peak Hr Flow	1538.53 MW at 19:30 hrs.
Energy during Peak Demand (W-E):	MW:	2192	Import through Cumilla C/B Interconnector:	MKWHr:	3.15936	Peak Hr Flow	176.00 MW at 19:30 hrs.
Maximum Power Flow (W-E):	MW:	2719	Total Import through C/B Interconnector:	MKWHr:	55.59426316	Peak Hr Flow	2599.53 MW at 19:30 hrs.

Zone-wise Load-shed and Demand Summary (MW) at evening peak Hour (19:30 Hr.)

Zone	Load-Shed	Demand
Dhaka	18	5693
Chattogram	45	1592
Cumilla	0	1457
Mymensingh	140	1158
Sylhet	0	630
Khulna	20	1904
Barishal	0	475
Rajshahi	0	1562
Rangpur	0	972
<b>Total</b>	<b>223</b>	<b>15443</b>

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			
<b>Total</b>		<b>300</b>	<b>Total</b>		<b>0</b>
<b>Total Unavailable Capacity</b>			<b>300</b>		

Event Summary

Outage Time	Restoration Time	Description of Event	Description of Event
08:57		Kalyanpur 132/33kV S/S Main bus is restored.	
09:10		Aminbazar-Kalyanpur 132kV Ckt-2 is restored.	
09:12	13:16	Noapara 132/33kV S/S T-1 LT Scheduled S/D	
09:12		Kalyanpur-Lalbag 132kV Ckt-2 is restored.	
09:12		Kalyanpur-Lalbag 132kV Ckt-1 is restored.	
09:13	13:15	Noapara 132/33kV S/S T-1 HT Scheduled S/D	



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09:25	21:09	Ishurdi 230/132kV S/S 230 kV Bus 2 Project Work S/D Due to loop jumper connection	
09:27	15:43	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-1 Scheduled S/D from Bog-Sherpur 132/33kV end Due to Conductor maintenance and from Bogura 230/132kV end Due to Sherpur (Bogura) 132kV	
	09:29	Jamalpur-Mymensingh 132kV Ckt-2 is restored.	
	09:33	Jamalpur 132/33kV S/S Bus-B is restored.	
10:05	18:03	Baghabari 230/132kV S/S T-1 HT Scheduled S/D Due to DFDR Commissioning.	
12:00		Day Peak Generation: 13814 MW.	
13:23		Kushtia 132/33kV S/S T-1 LT Tripped showing Over current relays.	
15:05	17:36	Kushtia 132/33kV S/S T-1 HT Forced S/D Due to 33 kV সার্কিট ব্রেকার বাদ D/S-এর পূর্বে কেউ নাগরিক জা সেবাধিকার করা.	
	15:38	Jhenaidah-Kushtia 132kV Ckt-2 is restored.	
	15:38	Jhenaidah 132/33kV S/S Jhenaidah-Kushtia 132kV Circuit-2(L2) is restored.	
17:02		Chandina 132/33kV S/S TR-2 HT Forced S/D Due to Due to the maintenance work for the 33kV CT of TR02.	
17:02		Chandina 132/33kV S/S TR-2 LT Forced S/D Due to Due to the maintenance work for the 33kV CT of TR02.	
	17:17	Barishal-Barishal(N) 132 kV Ckt-1 is restored.	
	17:17	Barishal-Barishal(N) 132 kV Ckt-1 is restored.	
19:30		Evening Peak Generation is 15766 MW.	
21:32		Ruppur Nuclear Power Plant 400/230 KV ATT-20 (T-1 x-former) Syn	
06:00		Minimum generation 12382 MW	
06:32		Mongla 132/33kV S/S T-2 HT Forced S/D Due to Red hot	25.0MW load interrup.
06:32		Mongla 132/33kV S/S T-2 LT Forced S/D Due to Red hot	25.0MW load interrup.
06:55	07:35	Pabna 132/33kV S/S T-3 HT Forced S/D Due to Atgoria 33 kv Redhot	12.0MW load interrup.
06:55	07:35	Pabna 132/33kV S/S T-3 LT Forced S/D Due to Atgoria 33 kv Redhot	12.0MW load interrup.
07:00	07:56	Mongla 132/33kV S/S T-1 LT Tripped showing Lockout trip relays Due to Earth fault pro.trip	22.0MW load interrup.
	07:06	Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) is restored.	
07:12		Bogura-Rahanpur 400kV Ckt-2 Scheduled S/D from Bogura 400/230kV end Due to As per instruction by NLDC and from Rahanpur 400/132kV end Due to due to check Energy Meter change from Rohonpur side.	
07:34		Maniknagar-Narinda 132kV Ckt-1 Scheduled S/D from Maniknagar 132/33kV end Due to Red hot ( temperature rising) maintenance at 132 kv main bus DS and line DS.	

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division