



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

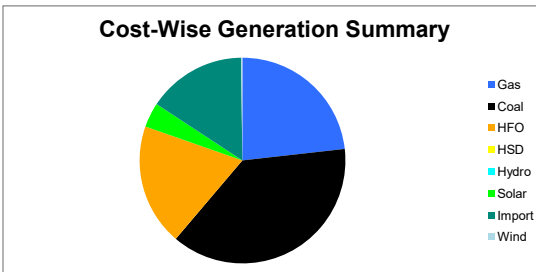
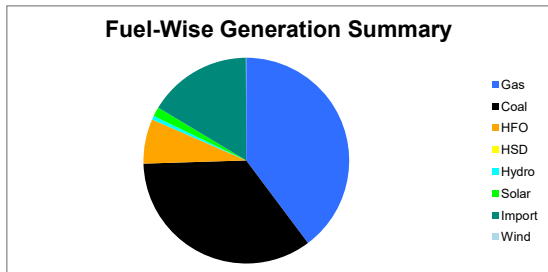
Date : 14-07-2020

**Power Supply Scenario**

Day Peak Generation	13756.92	MW	12:00 Hr.	Energy Generated	320.80620	MKWHr.
Day Peak Demand	13874.92	MW	12:00 Hr.	Energy Unserverd	1.86100	MKWHr.
Evening Peak Generation	15534.65	MW	19:30 Hr.	Energy Demand	322.66720	MKWHr.
Evening Peak Demand	15729.65	MW	19:30 Hr.	Maximum Temperature	33.60	°C
Minimum Generation of the Day	11046.03	MW	06:00 Hr.	Total Gas Supplied	916.00	MMCFD
Maximum Generation of the Day	15534.65	MW	19:30 Hr.	Production Cost per KWHr	5.99156	Tk.

**Zone-wise Generation Summary (MKWHr.)**

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	34.93	0.00	11.56	0.00	0.00	0.24	0.00	0.00	46.73
Chattogram Zone	5.49	47.77	2.02	0.00	1.85	0.15	0.00	0.28	57.56
Cumilla Zone	29.66	0.00	2.59	0.00	0.00	0.50	3.50	0.00	36.25
Mymensingh Zone	0.00	0.00	2.37	0.00	0.00	0.34	0.00	0.00	2.70
Sylhet Zone	29.25	0.00	0.00	0.00	0.00	0.06	0.00	0.00	29.30
Khulna Zone	3.98	23.39	0.13	0.00	0.00	0.64	21.38	0.00	49.53
Barishal Zone	8.24	39.20	1.68	0.00	0.00	0.00	0.00	0.00	49.12
Rajshahi Zone	16.10	0.00	1.17	0.00	0.00	1.68	27.38	0.00	46.34
Rangpur Zone	0.00	1.13	1.00	0.00	0.00	1.13	0.00	0.00	3.26
<b>Total</b>	<b>127.66</b>	<b>111.49</b>	<b>22.52</b>	<b>0.00</b>	<b>1.85</b>	<b>4.73</b>	<b>52.27</b>	<b>0.28</b>	<b>320.81</b>



**Production Cost (Tk.)**

Fuel	Tk.	Fuel	Tk.
Gas	445335507.7	Hydro	185238
Coal	731825272.6	Solar	74931287.16
HFO	367374861.9	Import	298369553.2
HSD	0	Wind	4109385.6
<b>Total:</b>	<b>192,21,31,106</b>		<b>Tk.</b>

**E-W Interconnector & Import Scenario**

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.381091	Peak Hr Flow	770.00 MW at 19:30 hrs.
Energy Flow from West to East:	KWHr:	48996600	Import through Adani C/B Interconnector:	MKWHr:	27.384529	Peak Hr Flow	1443.65 MW at 19:30 hrs.
low during Peak Demand (W-E):	MW:	2146	Import through Cumilla C/B Interconnector:	MKWHr:	3.504	Peak Hr Flow	160.00 MW at 19:30 hrs.
Maximum Power Flow (W-E):	MW:	2654	Total Import through C/B Interconnector:	MKWHr:	52.26962	Peak Hr Flow	2373.65 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	5	5804
Chattogram	75	1565
Cumilla	0	1378
Mymensingh	90	1137
Sylhet	0	516
Khulna	17	1843
Barishal	0	479
Rajshahi	0	1491
Rangpur	0	973
<b>Total</b>	<b>187</b>	<b>15186</b>

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

**Event Summary**

Outage Time	Restoration Time	Description of Event	Description of Event
08:19		Nawabganj 132/33kV S/S TR-1 HT is restored.	
08:22		Nawabganj 132/33kV S/S TR-1 LT is restored.	
08:51	14:49	Halishahar 132/33kV S/S 425T(TR-3) HT Project Work S/D	
08:53		Kachua 230/132/33kV S/S TR-2 HT is restored.	
08:53		Kachua 230/132/33kV S/S TR-2 LT is restored.	
09:06	19:31	Feni 230/132kV S/S ATR-1 HT Project Work S/D Due to SAS Testing and painting work	
09:06	19:31	Feni 230/132kV S/S ATR-1 LT Project Work S/D Due to SAS Testing and painting work	
09:20	18:43	Ishurdi 230/132kV S/S 230 kV Bus 1 Project Work S/D Due to upgradation of jack bus at T03	
09:24		Sylhet 132/33kV S/S T4 LT Forced S/D Due to Bockholz Alarm appeared on.	
09:24		Sylhet 132/33kV S/S T4 HT Forced S/D Due to Bockholz Alarm appeared on.	
09:44	17:05	Ishurdi-Pabna 132kV ckt Forced S/D from Ishurdi 132/33kV end Due to pabna end breaker gas pressure problem and from Pabna 132/33kV end Due to Gas leakage Maintenance of 132 kv CB	
12:00		Day Peak Generation is 13752 MW.	
12:15		Sylhet 132/33kV S/S 75 MW ST PS Forced S/D Due to Emergency maintenance work their side.	
13:26		Baghabari 230/132kV S/S Bus-2 is restored.	
13:29	16:28	Haripur 230/132kV S/S Bus-2 Scheduled S/D Due to Corrective maintenance of high temperature point of Meghnaghat-2 Bus Isolator.	
13:43	14:53	Sonargaon 132/33kV S/S Tr-2 LT Scheduled S/D Due to Due to 33kV PBS source side Barpa feeder's cable heat shrink work.	62.0MW load interrup.



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13:44	14:52	Sonargaon 132/33kV S/S Tr-2 HT Scheduled S/D Due to Due to 33KV PBS source side Barpa feeder's cable heat shrink work.	62.0MW load interrupt.
13:53	15:38	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Scheduled S/D Due to Redhot Maintenance	10.0MW load interrupt.
13:53	15:37	Sreepur 230/132/33kV S/S 132/33 kV T-2 HT Scheduled S/D Due to Redhot Maintenance	10.0MW load interrupt.
13:59	15:32	Chowmuhani 230/132/33kV S/S TR3-435T LT Scheduled S/D Due to Red hot maintenance	20.0MW load interrupt.
13:59	15:32	Chowmuhani 230/132/33kV S/S TR3-435T HT Scheduled S/D Due to Red hot maintenance	20.0MW load interrupt.
14:39		Ashuganj North 360 MW CAPP tripped due to gas booster trip.	
14:40		Ashuganj 450 MW CAPP(North) Tripped with remarks:- GT	
	15:17	Chowmuhani-Feni 132 kV Ckt-1 is restored.	
15:23	18:00	BSRM-Cumilla(N) 230 kV Ckt-2 Project Work S/D from Feni 230/132kV end Due to Witnessing SAS & DFDR	
15:35	20:14	Baghabari-Sirajganj 230 kV Ckt-1 Project Work S/D from Baghabari 230/132kV end. and from Sirajganj 230 end Due to DFDR wor at Baghabari End.	
16:22	17:49	Sonargaon 132/33kV S/S Tr-2 LT Scheduled S/D Due to Due to 33KV PBS source side Barpa feeder's cable heat shrink work.	62.0MW load interrupt.
16:23	17:48	Sonargaon 132/33kV S/S Tr-2 HT Scheduled S/D Due to Due to 33KV PBS source side Barpa feeder's cable heat shrink work.	62.0MW load interrupt.
18:33		Ashuganj North 360 MW CAPP GT was sync.	
18:33		Ashuganj 450 MW CAPP(North) Synchronized with remarks:- gt	
	18:39	Chandina 132/33kV S/S TR-2 HT is restored.	
	18:39	Chandina 132/33kV S/S TR-2 LT is restored.	
22:28	23:43	Shahjibazar 132/33kV S/S TR-04 HT Scheduled S/D	90.0MW load interrupt.
22:28	23:45	Shahjibazar 132/33kV S/S TR-04 LT Scheduled S/D Due to Redhot maintenance	90.0MW load interrupt.
05:33		Meghnaghat-Shyampur 230kV Ckt-2 Scheduled S/D from Meghnaghat 400/230kV end Due to 230 kV Shyampur ckt- 02 shutdown instructed by NLDC. and from Shyampur 230/132kV end Due to OPGW Conductor Reconducting From Tower no 20 to 26.	
06:47		Haripur-Meghnaghat 230kV Ckt-1 Scheduled S/D from Haripur 230/132kV end Due to Work on another S/S.	
06:53		Halishahar 132/33kV S/S 405T(TR-1) HT Project Work S/D	
06:57		Halishahar 132/33kV S/S 415T(TR-2) HT Project Work S/D	
07:01		Daudkandi 132/33kV S/S Transformer-3 LT Scheduled S/D Due to T-3 Shutdown for 33 KV Side Bay Extension work by PBS-3 Team	32.0MW load interrupt.
07:03		Daudkandi 132/33kV S/S Transformer-3 HT Scheduled S/D Due to T-3 Shutdown for 33 KV Side Bay Extension work by PBS-3 Team	32.0MW load interrupt.
07:05		Aminbazar 400/230/132kV S/S 230/132kv Tr-03 HT Scheduled S/D Due to Maintenance work	
07:05		Aminbazar 400/230/132kV S/S 230/132kv Tr-03 LT Scheduled S/D Due to Maintenance work	
07:08		Daudkandi 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Transformer-2 Shutdown for bay extension, & electrical wiring related works at 33 kV switchyard by Comilla PBS-3	32.0MW load interrupt.
07:10		Daudkandi 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Transformer-2 Shutdown for bay extension, & electrical wiring related works at 33 kV switchyard by Comilla PBS-3	32.0MW load interrupt.
07:20		Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to Maintenance work	
07:56		Ghorasal-Joydeb-B 132kV Ckt-2 Project Work S/D from Pubail 132/33kV end Due to line maintenance	

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division