



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

Date : 15-uz-2020

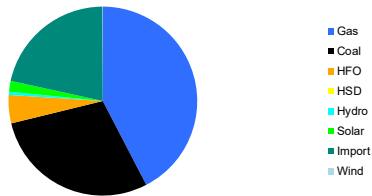
Power Supply Scenario

Day Peak Generation	11645.75	MW	12:00 Hr.	Energy Generated	250.13334	MKWHr.
Day Peak Demand	11693.75	MW	12:00 Hr.	Energy Unserverd	0.71400	MKWHr.
Evening Peak Generation	12211	MW	19:00 Hr.	Energy Demand	250.84734	MKWHr.
Evening Peak Demand	12280	MW	19:00 Hr.	Maximum Temperature	28.60	°C
Minimum Generation of the Day	7691.81	MW	05:00 Hr.	Total Gas Supplied	770.81	MMCFD
Maximum Generation of the Day	12211	MW	19:00 Hr.	Production Cost per KWHr	5.69365	Tk.

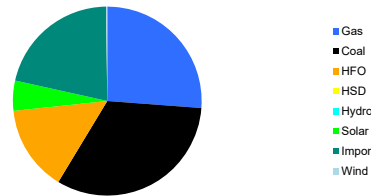
Zone-wise Generation Summary (MKWHr.)

	Gas	Coal	HFO	HSD	Hydro	Solar	Import	Wind	Total
Dhaka Zone	25.39	0.00	5.96	0.00	0.00	0.22	0.00	0.00	31.57
Chattogram Zone	5.50	40.45	1.85	0.00	1.30	0.15	0.00	0.19	49.44
Cumilla Zone	20.06	0.00	1.55	0.00	0.00	0.46	2.73	0.00	24.79
Mymensingh Zone	0.59	0.00	1.50	0.00	0.00	0.31	0.00	0.00	2.40
Sylhet Zone	26.56	0.00	0.00	0.00	0.00	0.07	0.00	0.00	26.63
Khulna Zone	6.35	12.42	0.04	0.00	0.00	0.58	21.59	0.00	40.98
Barishal Zone	8.23	17.84	0.12	0.00	0.00	0.00	0.00	0.00	26.20
Rajshahi Zone	13.37	0.00	0.54	0.00	0.00	1.55	29.42	0.00	44.88
Rangpur Zone	0.00	1.31	0.63	0.00	0.00	1.30	0.00	0.00	3.25
<b>Total</b>	<b>106.05</b>	<b>72.02</b>	<b>12.20</b>	<b>0.00</b>	<b>1.30</b>	<b>4.63</b>	<b>53.74</b>	<b>0.19</b>	<b>250.13</b>

Fuel-Wise Generation Summary



Cost-Wise Generation Summary



Production Cost (Tk.)

Fuel	Tk.	Fuel	Tk.
Gas	372985891.3	Hydro	130308
Coal	462545007.7	Solar	73793004.99
HFO	208691866.9	Import	303187234.8
HSD	0	Wind	2838441.6
<b>Total:</b>	<b>142,41,71,755</b>		<b>Tk.</b>

E-W Interconnector & Import Scenario

Energy Flow from East to West:	KWHr:	0	Import through HVDC C/B Interconnector:	MKWHr:	21.593454	Peak Hr Flow	99.00 MW at 19:00 hrs
Energy Flow from West to East:	KWHr:	27359003.57	Import through Adani C/B Interconnector:	MKWHr:	29.415809	Peak Hr Flow	66.00 MW at 19:00 hr
low during Peak Demand (W-E):	MW:	1569	Import through Cumilla C/B Interconnector:	MKWHr:	2.72736	Peak Hr Flow	22.00 MW at 19:00 hrs
Maximum Power Flow (W-E):	MW:	2125	Total Import through C/B Interconnector:	MKWHr:	53.736623	Peak Hr Flow	87.00 MW at 19:00 hr

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

Zone	Load-Shed	Demand
Dhaka	0	4602
Chattogram	0	1144
Cumilla	0	1021
Mymensingh	66	1062
Sylhet	0	420
Khulna	0	1303
Barishal	0	330
Rajshahi	0	1152
Rangpur	0	800
<b>Total</b>	<b>66</b>	<b>11834</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			
		<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
08:32		Jashore 132/33kV S/S JH-1(L2) Project Work S/D	
08:32		Jashore 132/33kV S/S JH-2(L1) Project Work S/D	
08:41		Haripur 412 MW CCPP Tripped with remarks:- GT	
08:53	16:58	Halishahar 132/33kV S/S 405T(TR-1) HT Scheduled S/D Due to Annual maintenance	
09:32		Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-2 is restored.	
09:32		Bogura 400/230kV S/S Bogura - Kaliakoir 400 kV Ckt-1 is restored.	



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10:31	16:52	Kalurghat 132/33kV S/S TRFO-02(516T) HT Scheduled S/D Due to Annual maintenance	
10:31	16:52	Kalurghat 132/33kV S/S TRFO-02(516T) LT Scheduled S/D Due to Annual maintenance	
10:38		BIPTC S/S 10CF16 Forced S/D Due to Shutdown is taken for emergency work	
11:51		Kaliakoir 400/230/132kV S/S 132kV Bus 2 Scheduled S/D Due to LOOP CONNECTION	
12:00		Day peak generation: 11642 MW	
12:20		Rampal 400/230kV S/S Gopalganj Line-1 Reactor Forced S/D Due to NLDC Demand	
12:36	14:56	Natore-Rajshahi 132kV Ckt-1 Scheduled S/D from Natore 132/33kV end Due to Oil leakage checking of CT	
13:15	16:40	Keranigonj 230/132/33kV S/S Earthing Trafo-1 LT Scheduled S/D Due to Oil Leakage Maintenance at 0.415kV Side	
13:16	16:04	Keranigonj 230/132/33kV S/S Earthing Trafo-1 HT Scheduled S/D Due to Oil Leakage Maintenance at 0.415kV Side	
15:47	17:53	Kaliakoir 400/230/132kV S/S 230kV Bus 2 Scheduled S/D Due to Maintenance work at CB and DS of 230/132kV ATR HT Side	
19:00		Evening peak generation 12211 MW	
19:00		Evening Peak Generation: 12211 MW.	
21:25		Haripur 412 MW CAPP Synchronized with remarks:- GT	
23:19		Haripur 412 MW CAPP Synchronized with remarks:- ST	
00:26		Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) is restored.	
05:00		Minimum Generation is 8152 MW	
05:06		Payra 1320 MW Synchronized with remarks:- unit-1	
06:13		Mymensingh 132/33kV S/S 50 MW Solar Plant Scheduled S/D	
06:27		Mymensingh 132/33kV S/S Transformer-3 (424T) HT Scheduled S/D	
06:27		Mymensingh 132/33kV S/S Transformer-3 (424T) LT Scheduled S/D	
07:13		Mymensingh 132/33kV S/S Bus A Scheduled S/D	170.0MW load interrup.
07:18		Ghorasal- Ishwardi 230 kV Ckt-1 Scheduled S/D from Ishurdi 230/132kV end Due to For Dhamrai LILO work and from Ghorashal 230kV end Due to Shutdown requisition from Dhamrai Grid of Ishwardi ckt-01 (D11) for LILO	
07:42		Bogura 400/230kV S/S 400 KV Reactor (125 MVAR) Forced S/D	

Sub-Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Network Operation Division