



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month May, 2019			Day : Monday				Date : 20.05.19				
Probable Maximum Demand : 12200 MW			Probable Maximum Generation : 14651 MW								
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 72.85 ft		Today = 72.58 ft		Rule Curve = 78.39 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.05.19 (Yesterday)		20.05.19 (Today)		19.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	
(A) Plants in operation:											
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	38	38	38	38		
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	36	36	36	36		
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	133	210	210	210		On Test
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	130	130	130	130		On Test
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	375	230	360	360		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	104	107	106	106		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	74	78	78		
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110		
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	324	256	360	360		
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	400	400	450	450		
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	332	349	412	412		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	130	100	200	200	110	Gas Shortage
13	Shiddirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217	Gas Shortage
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100		
15	Meghnaghat CCGP (Summit)	Gas (IPP)	2x110+1x110	305	305	286	295	335	335		
16	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100		
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100		
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55		
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	40	16	102	102		
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	0	19	19		
22	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	50	50	50		
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
24	Summit Power, Ruggan	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	46	50	50	50		
	Gazipur 100 MW	HFO (RPCL)				0	0	100	100		On Test
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	149	149		
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	42	48	48	48		
28	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	35	54	54		
29	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	30	99	300	300		
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	116	149	149	149		
31	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300		
32	Bramhangonj 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
33	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
34	Southern Power	HFO (IPP)	3x19.3	55	55	50	55	55	55		
35	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	56	55	55		
36	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	63	57	64	64		
Dhaka Zone Total			5934	5698	2901	3092	5041	5041	777	0	
37	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	36	34	37	37	196	Water Level Low
38	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	20	100	100	160	Gas Shortage
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	150	150	150	150		
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25		
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	1.8	0	20	0		
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	17	47	45	45		
	Baraka Sikalbaha PL	HFO (IPP)				0	109	0	0		On Test
42	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	128	143	145	145		
44	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	222	231	225	225		
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	33	33	33		
46	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	10	78	100	100		
47	Juldah (Acorn) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100		
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	85	85		
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	86	76	76		
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	11	14	14	14		
*	Malanacha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			6	35	10	35		
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	53	103	100	100		
Chattogram Zone Total			1761	1681	758.8	1259	1265	1270	396	0	
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	33	33	33		
54	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	196	202	221	221		
55	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	280	280	360	360		
56	Ashuganj CCGP(North)	Gas (APSCL)	1x360	360	360	250	250	260	260		
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5		
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5		
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	63	110	110	110		
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	35	35	45	45		
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	118	50	150	150		
62	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50		
63	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100		
64	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	34	200	200	200		
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	16	22	22		
66	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11		
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	43	52	52		
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	12	20	20		
70	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	200	200		
**	Tripura	India		160	160	132	140	150	187		
Cumilla Zone Total			2866	2806	1335	1522	1977	2064	398	0	
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	148	149	150	150		
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	12	20	22	22		
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95		
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	40	98	98	98		
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	150	200	200		
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0		
Mymensingh Zone Total			645	637	210.2	512	567	565	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.05.19 (Yesterday)		20.05.19 (Today)		19.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		
77	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	56	58	60	60				
78	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	59	59	48	48				
79	Fenchuganj (Barakattullah)	Gas (RPP)	19x2.90	51	51	45	53	50	50				
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
81	Kushiara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	100	100	163				
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
83	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	63	66	66				
84	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	312	321	330	330				
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	84	86	86				
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	46	46	46				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	82	90	130	130				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	18	19	19				
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	39	44	40	40				
90	Sylhet (Desti)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
91	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25				
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	260	341	341				
	Bibiana- 3	Gas (PDB)				220	101	150	150			On Test	
Sylhet Zone Total				1594	1549	1547	1392	1556	1619	0	0		
93	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
94	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Under Maintenance	20.5.19
95	Fairpur Peaking	HFO (PDB)	8x6.98	54	54	0	25	35	35				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	66	50	80				
97	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
98	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	16	115	115	115				
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	53	100	100				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
101	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	70	105	105	105				
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	83	104	108	108				
**	Bheramara HVDC Interconnector	India		1000	1000	931	896	944	944				
Khulna Zone Total				2328	2314	1108	1436	1497	1559	0	410		
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	12	0	20				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	28	39	33	33				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	176	175	176	176				
107	Bhola Agrekeo 95 MW	Gas (QRPP)	1.1x96	95	95	92	97	95	95				
Barishal Zone Total				472	462	312	433	414	434	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	60	60	60				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Under transformer Maint.	10.6.19
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
110	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
111	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	33	35	35				
112	Ammura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	30	90	95	95				
114	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	44	44				
115	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
116	Santahar Peaking	HFO (PDB)	6x8.7	50	50	6	43	40	40				
117	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	199	196	200	200				
118	Sirajganj CAPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	194	202	200	200				
119	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	196	206	220	220				
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	414	250	414	414				
121	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
122	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	10	14	14				
123	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	41	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	90	35	108	108				
Rajshahi Zone Total				2080	2070	1234	1307	1865	1865	0	100		
126	a) Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	25.05.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	65	63	0	0	22		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	199	199	199	199	75		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	12	18	18				
Rangpur Zone Total				564	484	264	291	234	234	97	85		
Sub-total: Plants in operation				18244	17701	9670	11244	14416	14651	1668	595		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9314	10742	13885	14112				
(B) Plant Under long term maintenance													
130	Brahmanbaria (Agrekeo)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				85	85	0	0	0	0				
Gross Total				18329	17786	9670	11244	14416	14651	1668	595		
(C) Actual data of 19.05.19 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	11244.00	MW, at = 21:00 hrs	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10742.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11260.00	MW, at = 22:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8042.50	MW, at = 7:00 hrs	Dhaka	3949	3949	0	Mymensingh	691	691	0	
05.	Day-peak Generation (Generation end)	:	9670.00	MW, at = 12:00 hrs	Chattogram	1174	1174	0	Sylhet	473	473	0	
06.	Evening-peak Generation (Generation end)	:	11244.00	MW, at = 21:00 hrs	Khulna	1411	1411	0	Barishal	318	318	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1411	1411	0	Rangpur	318	318	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	8223.60	MW	Cumilla	997	997	0					
09.	Generation shortfall at evening peak due to :	:			Total		10742	10742			0		
	a) Gas limitation	:	1375	MW	Fuel cost:		(a) Gas = 108565867 Taka	(c) Coal = 28411416 Taka					
	d) Coal supply Limitation	:	97	MW			(b) Oil = 353421703 Taka	Total = 136977283 Taka					
	b) Low water level in Kaptai lake	:	196	MW									
	c) Plants under shut down/ maintenance	:	595	MW									
10.	Total Energy (Generation + India Import)	:	237.56	MKWh	13.	Maximum Temperature in Dhaka was : 36° C							
	By Gas = 157.919	MKWh	By Oil = 47.226	MKWh	15.	Export through East-West interconnections :							
	By Coal = 6.447	MKWh	By Hydro = 0.775	MKWh	At evening peak-hour		:-260		MW, at	21:00 hrs			
	By Solar= 0.071	MKWh			Maximum		:-340		MW, at	15:00 hrs			
					Energy		: 1.73		MKWh				
11.	Total Gas Supplied	:	1429.73	MMCFD									
(D) Forecast of 20.05.19 (Today) Monday :													
01.	Maximum Demand	:	12200	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14651	MW (Generation end)	05.	Total Generation : 257.39 MKWh							
03.	Maximum Shortage	:	-2451	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 36.3° C							

* Captive Power ** Imputed Power
#Remarks: Highest Generation 12494MW on 11-05-2019 at 20:00

(MONIRUZAMAN)
Deputy Secretary, Generation