



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month May, 2019		Day: Thursday				Date: 23.05.19						
Probable Maximum Demand :		11800 MW		Probable Maximum Generation :		15081 MW		Rule Curve = 77.80 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 72.22 ft		Today = 72.10 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.05.19 (Yesterday)		23.05.19 (Today)		22.05.19 (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)		
(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	35	35	35	35			
	c) Ghorasal Unit-3 (Repowering) GT	Gas (PDB)	1 x 210	210	170	220	208	180	180			On Test
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	110	100	0	0			On Test
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	0	20	110	110	170		Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	340	300	360	360			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	53	104	60	60			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	70	70	70	70			
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	78	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	351	307	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	430	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	337	360	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	96	32	97	97	178		Gas Shortage
13	Siddhirganj CCPP-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	45	100	100			
15	Meghnaghat CCPP (Summit)	GAS (IPP)	2x110+1x110	305	305	290	255	335	335			
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	45	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	65	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
19	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	62	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	24	100	102	102			
21	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
22	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	58	53	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	33	33	33			
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	31	47	47	47			
	Gazipur 100 MW	HFO (RPCL)				108	108	108	108			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	16	48	48	48			
28	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	35	35	35			
29	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	170	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	14	149	149	149			
31	APR Energy, Keraniganj	HSD (IPP)	25x6.14	300	300	0	0	300	300			
32	Bramhangan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	21	100	100			
33	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	24	100	100			
34	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55			
35	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	56	55	55			
36	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	65	63	65	65			
Dhaka Zone Total				5934	5698	2901	3772	4828	4828	825	0	
37	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	36	33	36	36	197		Water Level Low
38	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80		Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	150	150	150	150			
	Kaptai Solar	Solar (PDB)				3.2	0	2	0			On Test
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.1	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	40	45	45			
	Baraka Sikalbaha PL	HFO (IPP)				109	109	109	109			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	142	145	145	145			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	224	231	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	33	33			
	Anwara United	HFO (IPP)				13	0	0	0			On Test
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	76	40	100	100			
47	Juldah (Acom) 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	85	85	85			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	83	76	83			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	16	16			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	30	10	35			
51	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	82	96	100	100			
Chattogram Zone Total				1761	1681	1105.3	1299	1377	1387	317	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	37	37	33	33			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	205	176	221	221			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	349	360	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	55	55	55	55			
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	53	5	53			
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	110	197	110	110			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	17	35	35	35			
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	106	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
64	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	17	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
66	Feni, Mohipal (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	39	43	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	20	20	20			
70	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x.51+15x1.05	200	200	0	100	200	200			
**	Tripara	India		160	160	146	176	149	189			
Cumilla Zone Total				2866	2806	1142	1587	2116	2254	398	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	146	133	140	140			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	25	96	98	98			
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	120	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	2	0			
Mymensingh Zone Total				645	637	197.9	461	552	550	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.05.19 (Yesterday)		23.05.19 (Today)		22.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		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	55	58	58			
78	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	58	58	58			
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	50	50			
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44			
81	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163			
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
83	Shahjibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	61	49	66	66			
84	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	206	196	330	330			
85	Shahjibazar (Shahjibazar)	Gas (RPP)	32x2.90	86	86	40	81	86	86			
86	Shahjibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	44	44	44			
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	121	109	130	130			
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	18	18			
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	40	42	42	42			
90	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
91	Shahjihanulla 25MW	Gas (CAPP, REB)	3x9.34	25	25	23	24	25	25			
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	260	275	341	341			
	Bibiana- 3	Gas (PDB)				249	299	200	300			On Test
Sylhet Zone Total				1594	1549	1458	1535	1676	1776	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	25.5.19
95	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	33	35	35			
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	63	50	80			
97	Khulina CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	225	225			
98	Khulina (KPCL-2)	HFO (QRPP)	7x17	115	115	16	115	115	115			
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	100	42	100	100			
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
101	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	105	105	105			
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	99	96	102	102			
**	Bheramara HVDC Interconnector	India		1000	1000	932	931	529	944			
Khulina Zone Total				2328	2314	1200	1457	1301	1778	0	410	
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	18	0	20			
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	110	110	110			
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	25	38	33	33			
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	173	176	176			
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	97	95	95	95			
Barishal Zone Total				472	462	299	434	414	434	0	0	
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	55	55	55			
	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	13	35	35			
112	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50			
113	Chapanawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	93	93	93			
114	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	40	45	45			
115	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	33	50	50			
116	Santaher Peaking	HFO (PDB)	6x8.7	50	50	0	27	27	27			
117	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	192	191	200	200			
118	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	210	193	200	200			
119	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	0	181	220	220			
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	370	350	414	414			
121	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	18	22	22			
122	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	13	16	16			
123	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11			
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	41	52	52	52			
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	108	100	100			
Rajshahi Zone Total				2080	2070	944	1482	1840	1840	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	0	0	0	0	85	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	16	17	17			
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18			
Rangpur Zone Total				564	484	199	232	234	234	160	85	
Sub-total: Plants in operation				18244	17701	9446	12259	14338	15081	1700	595	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9003	11596	13665	14374			
(B) Plant Under long term maintenance												
130	Brahmanbaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired
Sub-Total: Plants under long term maintenance					85	85	0	0	0			
Gross Total				18329	17786	9446	12259	14338	15081	1700	595	
(C) Actual data of 22.05.19 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)	: 12259.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 11596.00	MW, at = 19:30 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 12259.00	MW, at = 19:30 hrs		Dhaka	4414	4414	0	Mymensingh	830	830	0
04.	Minimum Generation (Generation end)	: 8361.20	MW, at = 9:00 hrs		Chattogram	1224	1224	0	Sylhet	472	472	0
05.	Day-peak Generation (Generation end)	: 9446.20	MW, at = 12:00 hrs		Khulina	1450	1450	0	Barishal	325	325	0
06.	Evening-peak Generation (Generation end)	: 12259.00	MW, at = 19:30 hrs		Rajshahi	1450	1450	0	Rangpur	325	325	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 19:30 hrs		Cumilla	1106	1106	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 5481.10	MW									
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation	: 1343	MW									
	d) Coal supply Limitation	: 160	MW	13.	Fuel cost :	(a) Gas = 109293844	Taka	(c) Coal = 18761530	Taka			
	b) Low water level in Kaptai lake	: 197	MW			(b) Oil = 441485806	Taka	Total = 128055374	Taka			
	c) Plants under shut down/ maintenance	: 595	MW									
10.	Total Energy (Generation + India Import)	: 248.79	MKWh	14.	Maximum Temperature in Dhaka was :	34.9° C						
	By Gas = 156.699	MKWh	By Oil = 60.128	MKWh	15.	Export through East-West interconnections :						
	By Coal = 4.861	MKWh	By Hydro = 0.758	MKWh		At evening peak-hour	: -300	MW, at	19:30 hrs			
	By Solar= 0.176	MKWh				Maximum	: -300	MW, at	19:30 hrs			
11.	Total Gas Supplied	: 1288.43	MKWh			Energy	: 0.578	MKWh				
(D) Forecast of 23.05.19 (Today) Thursday :												
01.	Maximum Demand	: 11800	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	: 15081	MW (Generation end)	05.	Total Generation	: 239.48	MKWh					
03.	Maximum Shortage	: -3281	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	38.5° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 12539MW on 21-05-2019 at 21:00