



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month May, 2019		Day: Saturday				Date: 25.05.19						
Probable Maximum Demand :		11500 MW		Probable Maximum Generation : 15275 MW				Rule Curve = 77.40 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 71.96 ft		Today = 72.36 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.05.19 (Yesterday)		25.05.19 (Today)		24.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	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	35	35	37	37			
	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	189	64	189	189			On Test
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0			On Test
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80		Gas Shortage
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	250	360	360			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	13	90	60	110			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	28	25	75	75			
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	5	110	110			
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	300	282	360	360			
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	250	340	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	0	0	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	90	200	200	120		Gas Shortage
13	Siddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	150	230	220	220			
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
15	Meghnaghat CAPP (Summit)	Gas (IPP)	2x110+1x110	305	305	263	255	335	335			
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	4	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	10	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	0	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	45	49	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	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	49	50	47	47			
	Gazipur 100 MW	HFO (RPCL)				108	78	108	108			On Test
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	41	47	47	47			
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	15	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	14	30	149	149			
31	APR Energy, Keranigonj	HSD (IPP)	25x6.1.4	300	300	0	0	300	300			
32	Bramhangan 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	17	17	55	55			
35	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	36	55	55			
36	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	56	66	65	65			
Dhaka Zone Total				5934	5698	2243	2380	5163	5213	460	0	
37	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	33	36	36	197		Water Level Low
38	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	100	0	110	110	180		Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	150	0	0	0			On Test
	Kaptai Solar	Solar (PDB)				0	0	2	0			
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	13.8	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	6	18	45	45			
	Baraka Sikalbaha PL	HFO (IPP)				18	36	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	130	130	145	145			
44	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	231	230	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	33	33			
	Anwara United	HFO (IPP)				0	35	0	0			On Test
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	100	100			
47	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	30	100	100	100			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	61	85	85			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	76	83			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	16	16	16			
*	Malanacha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			10	36	18	35			
51	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	12	73	100	100			
Chattogram Zone Total				1761	1681	803.8	819	1245	1247	417	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	70	80	135	135	54		Gas Shortage
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	36	37	37			
54	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	180	181	221	221			
55	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	320	270	360	360			
56	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	320	320	360	360			
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	8	8	8	8			
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	10	35	35	35			
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	15	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
63	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
64	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	105	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	0	8	8			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	0	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	0	20	20			
70	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x.515+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	140	50	150	188			
Cumilla Zone Total				2866	2806	1232	1260	2101	2189	318	0	
71	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	153	101	153	153			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	17	17			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	72	95	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	50	98	98	98			
75	Mymensingh 200MW (Limited)	HFO (IPP)	21x9.780	200	200	0	7	200	200			
76	Sarifshabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.3	0	2	0			
Mymensingh Zone Total				645	637	220.3	298	565	563	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.05.19 (Yesterday)		25.05.19 (Today)		24.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance				
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		Machines shut down (MW)	Description/ Remarks	Probable start-up date		
					Day	Evening	Day	Evening	Day	Evening					
77	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	58	58	57	57						
78	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	62	58	58						
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	11	36	50	50						
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	25	44	44						
81	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163						
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	11	0	11						
83	Shahjibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	60	49	66	66						
84	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	246	245	330	330						
85	Shahjibazar (Shahjibazar)	Gas (RPP)	32x2.90	86	86	20	20	86	86						
86	Shahjibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	10	10	44	44						
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	84	73	130	130						
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	19	19	19						
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	12	43	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	16	24	25	25						
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	270	260	341	341						
	Bibiana- 3	Gas (PDB)				100	120	300	300			On Test			
Sylhet Zone Total					1594	1549	1087	1165	1765	1776	0	0			
93	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	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	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	32	35	35						
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	56	50	80						
97	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225						
98	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115						
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	20	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	17	53	105	105						
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	16	94	102	102						
**	Bheramara HVDC Interconnector	India		1000	1000	937	934	941	944						
Khulna Zone Total					2328	2314	1090	1464	1713	1778	0	410			
103	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	20						
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	92	110	110						
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	40	33	33						
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	174	174	174						
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	53	97	93	93						
Barishal Zone Total					472	462	253	403	410	430	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	6	35	35						
112	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50						
113	Chapanawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	50	93	93						
114	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	45	45	45						
115	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50						
116	Santaher Peaking	HFO (PDB)	6x8.7	50	50	0	37	27	27						
117	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	187	186	200	200						
118	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	190	192	200	200						
119	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	177	167	220	220						
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	301	350	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	16	16	16	16						
123	Lilapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11						
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	8	52	52						
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	50	100	100						
Rajshahi Zone Total					2080	2070	953	1308	1845	1845	0	100			
126	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Overhauling	30.05.19			
	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	200	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	18	18	18						
Rangpur Zone Total					564	484	200	234	234	234	160	85			
Sub-total: Plants in operation					18244	17701	8082	9331	15041	15275	1355	595			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							7780	9180	14478	14704					
(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	0					
Gross Total					18329	17786	8082	9331	15041	15275	1355	595			
(C) Actual data of 24.05.19 (Yesterday) Friday :															
01.	Max. Demand (Generation end)	:	9331.00	MW,	at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9180.00	MW,	at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	10729.00	MW,	at = 1:00 hrs	Dhaka	MW	MW	MW	Mymensingh	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	7877.40	MW,	at = 9:00 hrs	Chattogram	3420	3420	0	681	681	0	0		
05.	Day-peak Generation (Generation end)	:	8082.10	MW,	at = 12:00 hrs	Khulna	823	823	0	322	322	0	0		
06.	Evening-peak Generation (Generation end)	:	9331.00	MW,	at = 19:30 hrs	Rajshahi	1272	1272	0	346	346	0	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 19:30 hrs	Cumilla	1272	1272	0	346	346	0	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	4900.00	MW			698	698	0						
09.	Generation shortfall at evening peak due to :	:								Total	9180	9180	0		
	a) Gas limitation	:	998	MW						(a) Gas =	101868423	Taka	(c) Coal =	18742230	Taka
	d) Coal supply Limitation	:	160	MW						(b) Oil =	328816772	Taka	Total =	120610653	Taka
	b) Low water level in Kaptai lake	:	197	MW											
	c) Plants under shut down/ maintenance	:	595	MW											
10.	Total Energy (Generation + India Import)	:	218.08	MKWh		14.	Maximum Temperature in Dhaka was : 33.5° C								
	By Gas = 147.650	MKWh		By Oil = 40.115	MKWh	15.	Export through East-West interconnections :								
	By Coal = 4.856	MKWh		By Hydro = 0.778	MKWh		At evening peak-hour : -120 MW, at 19:30 hrs								
	By Solar= 0.107	MKWh					Maximum : -160 MW, at 19:00 hrs								
							Energy : 0.1555 MKWh								
11.	Total Gas Supplied	:	1263.41	MKWh											
(D) Forecast of 25.05.19 (Today) Saturday :															
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	15275	MW	(Generation end)	05.	Total Generation : 233.75 MKWh								
03.	Maximum Shortage	:	-3775	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 36.6° C								

* Captive Power ** Imported Power

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