



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month May, 2019		Day: Wednesday				Date: 29.05.19						
Probable Maximum Demand :		12700 MW		Probable Maximum Generation :		14796 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 73.69 ft		Today = 73.84 ft		Rule Curve = 76.60 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.05.19 (Yesterday)		29.05.19 (Today)		28.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Day	Evening	Actual Peak Generation (MW)	Day	Evening	Gen. shortfall for : 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	0	0	0	0	40		Gas Shortage
	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	94	134	45	134			On Test
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	100	100	100	100			On Test
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80		Gas Shortage
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	368	250	360	360			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	6	6	6	6			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	40	40	40	65		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	63	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	340	350	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	400	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	334	340	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	93	87	100	100	123		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	80	100	100			
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	300	235	335	335			
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	85	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	15	40	55	55			
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	40	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	0	0	19	19			
22	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	52	50	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	32	33	33			
24	Summit Power, Rugganaj	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	47	48	48			
	Gazipur 100 MW	HFO (RPCL)				91	91	91	91			On Test
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	13	47	47			
28	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	35	35			
29	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	120	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	46	135	149	149			
31	APR Energy, Keranigonj	HSD (IPP)	25x1.4	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	35	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	61	60	65	65			
Dhaka Zone Total				5934	5698	2735	3463	4657	4746	680	0	
37	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	37	36	30	30	194		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	0	0	0	0	180		Under Maintenance
	Kaptai Solar	Solar (PDB)				5.2	0	3	0			30.5.19
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	14.3	0	20	0			
41	Patenga 50MW (Barakatalah)	HFO (IPP)	8x6.89	50	50	46	46	45	45			
	Baraka Sikalbaha PL	HFO (IPP)				109	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	130	140	140	140			
44	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	214	218	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	16	16			
	Anwara United	HFO (IPP)				105	85	84	84			On Test
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	88	98	100	100			
47	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	90	100	100	100			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	85	85	85			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	40	64	74	74			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	13	16	17	17			
*	Malanacha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	20	4	20			
51	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	86	96	100	100			
Chattogram Zone Total				1761	1681	1137.5	1254	1168	1161	314	180	
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	80	100	120	120	34		Gas Shortage
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	33	33	33			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	203	184	221	221			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	330	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	40	55	55			
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	35	35	35	35			
61	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	133	133	133			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	0	50		
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	30	30	100	100			
64	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	70	200	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	22	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	16	24	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	20	20	20			
70	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.51+15x1.05	200	200	0	0	200	200			
**	Tripura	India		160	160	152	166	148	188			
Cumilla Zone Total				2866	2806	1374	1750	2116	2206	298	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	146	148	150	150			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	20	20			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	94	70	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	92	97	100	100			
75	Mymensingh 200MW (Limited)	HFO (IPP)	21x9.780	200	200	0	150	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	2	0			
Mymensingh Zone Total				645	637	238	509	542	565	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.05.19 (Yesterday)		29.05.19 (Today)		28.05.19 (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					
77	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	53	56	57	57				
78	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	58	50	58	58				
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	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	60	40	66	66				
84	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	261	252	330	330				
85	Shahjibazar (Shahjibazar)	Gas (RPP)	32x2.90	86	86	74	76	86	86				
86	Shahjibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	44	46	46				
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	101	103	130	130				
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	18	18				
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	51	47	50	50				
90	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
91	Shahjihanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	8	22	25	25				
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	260	341	341				
	Bibiana- 3	Gas (PDB)				289	270	269	269			On Test	
Sylhet Zone Total				1594	1549	1581	1525	1754	1754	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	30.5.19	
95	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	33	33	33				
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	65	50	80				
97	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	185	225	225				
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	40	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	17	105	105	105				
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	19	89	102	102				
**	Bheramara HVDC Interconnector	India		1000	1000	929	921	940	940				
Khulna Zone Total				2328	2314	1109	1625	1710	1772	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	16	110	110	110				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	26	39	39	39				
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	173	173	173				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	90	78	90	90				
Barishal Zone Total				472	462	306	400	412	432	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	50	55	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	20	35	35				
112	Amnura	HFO (QRPP)	7x7.79	50	50	34	50	50	50				
113	Chapanawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	91	95	95				
114	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	47	47	47				
115	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	50	50				
116	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	35	35	35				
117	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	178	186	200	200				
118	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	152	184	200	200				
119	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	171	199	220	220				
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	350	415	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	13	16	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	8	50	52	52				
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	104	108	100	100				
Rajshahi Zone Total				2080	2070	1087	1555	1857	1857	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	69	70	70	70	10	Coal Shortage		
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	211	199	199	199	75	Coal Shortage		
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	16	16	16				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	280	308	303	303	85	85		
Sub-total: Plants in operation				18244	17701	9848	12389	14519	14796	1377	775		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9421	11799	13891	14156				
(B) Plant Under long term maintenance													
130	Brahmanbaria (Agreeko)	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	9848	12389	14519	14796	1377	775		
(C) Actual data of 28.05.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	12389.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11799.00	MW, at = 20:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	12548.00	MW, at = 22:00 hrs	Dhaka	4410	4410	0	Mymensingh	871	871	0	
04.	Minimum Generation (Generation end)	:	7851.40	MW, at = 7:00 hrs	Chattogram	1270	1270	0	Sylhet	499	499	0	
05.	Day-peak Generation (Generation end)	:	9847.50	MW, at = 12:00 hrs	Khulna	1448	1448	0	Barishal	353	353	0	
06.	Evening-peak Generation (Generation end)	:	12389.00	MW, at = 20:00 hrs	Rajshahi	1448	1448	0	Rangpur	353	353	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs	Cumilla	1147	1147	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	8842.06	MW									
09.	Generation shortfall at evening peak due to :	:							Total	11799	11799	0	
	a) Gas limitation	:	1098	MW	13.	Fuel cost : (a) Gas = 103208427 Taka		(c) Coal = 28751386 Taka					
	d) Coal supply Limitation	:	85	MW		(b) Oil = 434731220 Taka		Total = 131959814 Taka					
	b) Low water level in Kaptai lake	:	194	MW									
	c) Plants under shut down/ maintenance	:	775	MW	14.	Maximum Temperature in Dhaka was : 36.1° C							
10.	Total Energy (Generation + India Import)	:	245.02	MKWh	15.	Export through East-West interconnections :							
	By Gas = 151.434 MKWh			By Oil = 60.080 MKWh		At evening peak-hour : -100 MW, at 20:00 hrs							
	By Coal = 6.541 MKWh			By Hydro = 0.783 MKWh		Maximum : -200 MW, at 22:00 hrs							
	By Solar= 0.186 MKWh					Energy : 0.258 MKWh							
11.	Total Gas Supplied	:	1391.27	MKWh									
(D) Forecast of 29.05.19 (Today) Wednesday :													
01.	Maximum Demand	:	12700	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14796	MW (Generation end)	05.	Total Generation : 247.99 MKWh							
03.	Maximum Shortage	:	-2096	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 36° C							

* Captive Power ** Imported Power

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