



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month May, 2019		Day: Monday				Date: 27.05.19						
Probable Maximum Demand:		12700 MW		Probable Maximum Generation:		14962 MW		Rule Curve = 77.00 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 72.89 ft		Today = 73.38 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.05.19 (Yesterday)		27.05.19 (Today)		26.05.19 (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	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	113	94	100	100			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 CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	360	320	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	102	22	50	55			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	71	40	40	40			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	40	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	98	110	110			
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	345	349	360	360			
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	450	400	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	352	327	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	175	87	110	110	123		Gas Shortage
13	Siddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0			
14	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	70	100	100			
15	Meghnaghat CAPP (Summit)	Gas (IPP)	2x110+1x110	305	305	265	253	335	335			
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	0	90	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	72	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	82	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	54	56	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	50	48	48	48			
	Gazipur 100 MW	HFO (RPCL)				108	108	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	16	45	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	200	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	50	149	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	17	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	0	54	65	65			
Dhaka Zone Total				5934	5698	2954	3728	4815	4780	503	0	
37	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	38	36	36	192		Water Level Low
38	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	90	105	110	110	75		Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Under Maintenance 30.5.19
	Kaptai Solar	Solar (PDB)				3.56	0	2	0			On Test
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	14.89	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	8	46	45	45			
	Baraka Sikalbaha PL	HFO (IPP)				18	106	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	147	110	145	145			
44	Sikalbaha 225 MW CAPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	200	211	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	33	33			
	Anwara United	HFO (IPP)				133	100	140	150			On Test
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	65	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	0	85	85	85			
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	74	76	83			
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	14	16	16	16			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	33	15	20			
51	Chattogram ECPZ 108 MW	HFO (IPP)	16x7.00	108	108	2	65	100	100			
Chattogram Zone Total				1761	1681	808.45	1195	1382	1382	307	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	80	80	80	54		Gas Shortage
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	27	33	37	37			
54	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	183	221	221			
55	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	353	360	360	360			
56	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	360	300	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	30	30	30			
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	1	148	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	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	4	200	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
66	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8			
67	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52			
69	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20			
70	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.51+15x1.05	200	200	0	0	200	200			
**	Tripara	India		160	160	142	176	151	187			
Cumilla Zone Total				2866	2806	1388	1733	2072	2158	318	0	
71	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	149	150	153	153			
72	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	40	93	95	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x3.87	115	115	96	98	98	98			
75	Mymensingh 200MW (Limited)	HFO (IPP)	21x9.780	200	200	0	160	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0			
Mymensingh Zone Total				645	637	306.8	521	568	566	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.05.19 (Yesterday)		27.05.19 (Today)		26.05.19 (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	56	58	57	58			
78	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	50	58	58	58			
79	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	45	53	50	50			
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	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	10	11	11	11			
83	Shahjibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	61	40	66	66			
84	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	301	275	330	330			
85	Shahjibazar (Shahjibazar)	Gas (RPP)	32x2.90	86	86	78	83	86	86			
86	Shahjibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	43	46	44	44			
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	110	130	130			
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	19	19	19			
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	40	47	42	42			
90	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10			
91	Shahjihanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	24	25	25			
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	240	341	341			
	Bibiana- 3	Gas (PDB)				298	220	300	300			On Test
Sylhet Zone Total				1594	1549	1510	1504	1776	1777	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	30.5.19
95	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	32	35	35			
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	55	50	80			
97	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	224	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	94	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	0	105	105	105			
102	Modhumati Power Plant	HFO (NWPGL)	6x18.415	105	105	0	89	102	102			
**	Bheramara HVDC Interconnector	India		1000	1000	938	941	941	944			
Khulna Zone Total				2328	2314	1058	1695	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	110	110	110			
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	27	39	33	33			
106	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	173	174	174			
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	91	97	95	95			
Barishal Zone Total				472	462	292	419	412	432	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	32	35	35			
112	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50			
113	Chapanawabganj-100 MW	HFO (PDB)	12x8.924	104	104	24	95	95	95			
114	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	44	45	45			
115	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	50	50			
116	Santaher Peaking	HFO (PDB)	6x8.7	50	50	0	35	35	35			
117	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	196	195	200	200			
118	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	198	30	200	200			
119	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	200	184	220	220			
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	418	414	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	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11			
124	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	52	52	52			
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	11	90	100	100			
Rajshahi Zone Total				2080	2070	1145	1423	1855	1855	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	149	149	199	199	125	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	15	18	18			
Rangpur Zone Total				564	484	149	181	234	234	210	85	
Sub-total: Plants in operation				18244	17701	9611	12399	14827	14962	1338	775	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9136	11702	14094	14222			
(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			
Gross Total				18329	17786	9611	12399	14827	14962	1338	775	
(C) Actual data of 26.05.19 (Yesterday) Sunday :												
01.	Max. Demand (Generation end)	:	12399.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11702.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12399.00	MW, at = 21:00 hrs	Dhaka	4346	4346	0	Mymensingh	908	908	0
04.	Minimum Generation (Generation end)	:	7300.38	MW, at = 6:00 hrs	Chattogram	1192	1192	0	Sylhet	449	449	0
05.	Day-peak Generation (Generation end)	:	9611.25	MW, at = 12:00 hrs	Khulna	1508	1508	0	Barishal	310	310	0
06.	Evening-peak Generation (Generation end)	:	12399.00	MW, at = 21:00 hrs	Rajshahi	1508	1508	0	Rangpur	310	310	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Cumilla	1171	1171	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	8914.50	MW								
09.	Generation shortfall at evening peak due to :	:							Total	11702	11702	0
	a) Gas limitation	:	936	MW	13.	Fuel cost :	(a) Gas = 105953474	Taka	(c) Coal = 14143812	Taka		
	d) Coal supply Limitation	:	210	MW			(b) Oil = 360230147	Taka	Total = 120097286	Taka		
	b) Low water level in Kaptai lake	:	192	MW								
	c) Plants under shut down/ maintenance	:	775	MW	14.	Maximum Temperature in Dhaka was :	35.1° C					
10.	Total Energy (Generation + India Import)	:	236.65	MKWh	15.	Export through East-West interconnections :						
	By Gas = 155.946	MKWh		By Oil = 50.104	MKWh	At evening peak-hour	:	-260	MW, at	21:00 hrs		
	By Coal = 3.664	MKWh		By Hydro = 0.781	MKWh	Maximum	:	-440	MW, at	20:00 hrs		
	By Solar= 0.130	MKWh				Energy	:	0.899	MKWh			
11.	Total Gas Supplied	:	1395.40	MKWh								
(D) Forecast of 27.05.19 (Today) Monday :												
01.	Maximum Demand	:	12700	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14962	MW (Generation end)	05.	Total Generation	:	242.39	MKWh			
03.	Maximum Shortage	:	-2262	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