



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month May, 2019		Day: Tuesday				Date: 28.05.19						
Probable Maximum Demand :		12600 MW		Probable Maximum Generation :		15003 MW		Rule Curve = 77.00 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 73.38 ft		Today = 73.69 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.05.19 (Yesterday)		28.05.19 (Today)		27.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Probable Peak Generation (MW)	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(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	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 CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	300	360	360			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	6	6	13	13			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	40	40			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	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	110	110	110			
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	306	295	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	420	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	300	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	58	54	110	110	156		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	90	100	100			
15	Meghnaghat CCPP (Summit)	Gas (IPP)	2x110+1x110	305	305	273	278	335	335			
16	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	90	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	8	55	55	55			
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	68	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	56	101	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	56	57	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	25	25	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	39	49	48	48			
	Gazipur 100 MW	HFO (RPCL)				91	108	100	100			On Test
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	98	149	149	149			
27	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	36	48	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	15	195	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	54	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	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	62	61	65	65			
Dhaka Zone Total				5934	5698	2831	3685	4738	4738	753	0	
37	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	33	38	40	40	192		Water Level Low
38	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	105	100	110	110	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)				0	0	2	0			On Test
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
40	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.6	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	46	47	45	45			
	Baraka Sikalabaha PL	HFO (IPP)				109	109	109	109			On Test
42	Shikalabaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
43	Shikalabaha Peaking GT	Gas (PDB)	1 x 150	150	150	102	100	145	145			
44	Sikalabaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	220	230	225	225			
45	Sikalabaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	33	33			
	Anwara United	HFO (IPP)				113	118	140	150			On Test
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	66	96	100	100			
47	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	90	90	100	100			
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	70	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	14	14	16	16			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	18	15	20			
51	Chattogram ECPY 108 MW	HFO (IPP)	16x7.00	108	108	12	51	100	100			
Chattogram Zone Total				1761	1681	973.6	1205	1386	1386	312	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	30	33	37	37			
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	200	219	221	221			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	330	260	360	360			
56	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	330	280	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	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	55	55	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	113	150	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	16	0	50			
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100			
64	Chandpur 200MW Dosh energy	HFO (IPP)	12x18.415	200	200	196	200	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	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	0	33	33			
68	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	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+40x1.51+15x1.05	200	200	0	0	200	200			
**	Tripara	India		160	160	164	184	148	187			
Cumilla Zone Total				2866	2806	1781	1749	2069	2158	318	0	
71	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	147	148	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	95	94	95	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x8.87	115	115	96	99	98	98			
75	Mymensingh 200MW (Limited)	HFO (IPP)	21x9.780	200	200	7	150	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total				645	637	367.1	511	568	566	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.05.19 (Yesterday)		28.05.19 (Today)		27.05.19 (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	58	57	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	45	53	50	50			
80	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44			
81	Kushara 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163			
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
83	Shajibazar GT:Unit-8.9	Gas (PDB)	2x35	70	66	61	63	64	64			
84	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	252	250	330	330			
85	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	79	81	86	86			
86	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	44	44			
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	96	115	130	130			
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	18	19	19			
89	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	35	45	50	50			
90	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
91	Shahjahanulla 25MW	Gas (CAPP, REB)	3x9.34	25	25	8	20	25	25			
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	260	341	341			
	Bibiana- 3	Gas (PDB)				279	150	300	300			On Test
Sylhet Zone Total				1594	1549	1491	1387	1783	1783	0	0	
93	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	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	31	35	35			
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	5	56	50	80			
97	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	231	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	93	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	53	88	102	102			
**	Bheramara HVDC Interconnector	India		1000	1000	938	930	950	950			
Khulna Zone Total				2328	2314	1157	1737	1722	1784	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	24	39	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	91	96	95	95			
Barishal Zone Total				472	462	289	419	412	432	0	0	
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	55	0	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	34	35	35			
112	Amnura	HFO (QRPP)	7x7.79	50	50	24	50	50	50			
113	Chapanawabganj-100 MW	HFO (PDB)	12x8.924	104	104	33	95	95	95			
114	Katakali Peaking	HFO (PDB)	6x8.7	50	50	0	47	45	45			
115	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	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	174	182	200	200			
118	Sirajganj CAPP 2	Gas (NWPGL)	1x150+1x75	220	220	148	185	200	200			
119	Sirajganj CAPP-3	Gas (NWPGL)	1x141+1x79	220	220	164	186	220	220			
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	380	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	14	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	25	50	52	52			
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	90	108	100	100			
Rajshahi Zone Total				2080	2070	1134	1364	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	65	67	67	20	Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	199	199	199	75	Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	17	17			
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	18	18			
Rangpur Zone Total				564	484	149	279	301	301	95	85	
Sub-total: Plants in operation				18244	17701	10173	12336	14834	15003	1478	775	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9785	11771	14269	14431			
(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	10173	12336	14834	15003	1478	775	
(C) Actual data of 27.05.19 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	12336.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11771.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12353.00	MW, at = 22:00 hrs	Dhaka	MW	MW	MW	Mymensingh	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8914.50	MW, at = 7:00 hrs	Chattogram	4239	4239	0	953	953	0	0
05.	Day-peak Generation (Generation end)	:	10172.70	MW, at = 12:00 hrs	Khulna	1169	1169	0	494	494	0	0
06.	Evening-peak Generation (Generation end)	:	12336.00	MW, at = 21:00 hrs	Rajshahi	1545	1545	0	354	354	0	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Cumilla	1118	1118	0	354	354	0	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	7851.40	MW								
09.	Generation shortfall at evening peak due to :	:							Total	11771	11771	0
a)	Gas limitation	:	1191	MW	13.	Fuel cost :	(a) Gas = 105391001	Taka	(c) Coal = 18707669	Taka		
d)	Coal supply Limitation	:	95	MW		(b) Oil = 494700340	Taka	Total = 124098669	Taka			
b)	Low water level in Kaptai lake	:	192	MW								
c)	Plants under shut down/ maintenance	:	775	MW	14.	Maximum Temperature in Dhaka was :	36.1° C					
10.	Total Energy (Generation + India Import)	:	274.96	MKWh	15.	Export through East-West interconnections :						
	By Gas = 174.929			MKWh		At evening peak-hour	: -360	MW, at	21:00 hrs			
	By Coal = 4.565			MKWh		Maximum	: -390	MW, at	20:00 hrs			
	By Solar= 0.176			MKWh		Energy	: 1.341	MKWh				
11.	Total Gas Supplied	:	1327.09	MKWh								
(D) Forecast of 28.05.19 (Today) Tuesday :												
01.	Maximum Demand	:	12600	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15003	MW (Generation end)	05.	Total Generation	:	280.46	MKWh			
03.	Maximum Shortage	:	-2403	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	37.4° C				

* Captive Power ** Imported Power

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