



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
 Tel: 9564867, 9551095

Month: MAY, 2018		Day: Tuesday				Date: 29.05.18							
Probable Maximum Demand :		11000 MW				Probable Maximum Generation : 12116 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 81.57 ft				Today = 81.57 ft				Rule Curve = 77.40 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.05.18 (Yesterday)		29.05.18 (Today)		28.05.18 (Yesterday)		29.05.18 (Today)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Gen. shortfall for :	Description/ Remarks	Probable start-up date	
(A) Plants in operation:													
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	37	37	37	37				
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45			Gas Shortage
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	130	130	130	130				
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190				
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x254+1x126	365	365	50	100	190	190				
3	Ghorashah (Regent)	Gas (IPP)	34x3.35	108	108	0	34	0	0				
4	Ghorashah 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	30	0	50				
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0		105		Under Maintenance
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	84	84	84				
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	292	271	360	360				
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	440	430	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	365	342	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage
13	Siddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	170	170	170	170				
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	100	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	85	75	90	90				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	10	51	50	50				
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	200	250	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	75	100	100	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	90	100	100	100				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	45	93	94	94				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22				
24	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	57	58	58				
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	32	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	43	51	51	51				
28	Kodda, Gazipur	HFO (BPDB-RPCL)	9x17.06	149	149	100	149	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	16	48	48	48				
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54				
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	95	301	100	301				
	APR Energy, Keraniganj	HSD (IPP)				0	0	0	0				On Test
	Aggreco, Bramhanganj	HSD (IPP)				11	98	103	104				On Test
32	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55				
33	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	56	55	55				
34	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	24	44	100	100				
Dhaka Zone Total				5435	5199	2928	3740	3878	4130	590	105		
35	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	0	117	134	140				
36	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage
37	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	25	25	25				
38	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	45	45	45				
39	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40			Gas Shortage
40	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	120	120	135	135				
41	Sikalbaha 225 MW CAPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	213	200	207	207				
42	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	43	51	51	51				
43	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	90	90	90				
44	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	47	50	50				
45	Halhazari Peaking	HFO (PDB)	11x8.9	98	98	42	82	85	85				
46	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	13	18	0	20				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	26	2	25				
47	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	97	98	98				
Chittagong Zone Total				1641	1561	668	918	922	971	400	0		
48	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100	35			Gas Shortage
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	120	100	120	120				
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0		134		Under Maintenance
49	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	38	42	42	42				07.06.18
50	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	173	181	221	221				
51	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	327	272	0	360				
52	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	305	315	360	360				
53	Ashuganj (Precision)	Gas (RPP)	15x4	55	55	0	0	0	0				
54	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
55	Ashuganj Modular 195 MW	Gas (IPP)	20x9.73+1x11.6	195	195	84	125	150	150				
56	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51				
57	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85				
58	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	48	0	48				
59	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	154	154	155	155				
60	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	0	19				
61	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
62	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
63	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52				
64	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	0	22				
65	Daudkandi 200 MW	HSD (IPP)	8x1.4+4x0x1.515+15x1.05	200	200	0	201	0	200				
**	Tripura	India		160	160	152	184	144	187				
Comilla Zone Total				2601	2541	1672	1957	1529	2221	35	134		
66	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	86	81	103	103				
67	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	0	22				
68	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	40	95	95	95				
69	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	2	0	0				
Mymensing Zone Total				330	322	150.2	198	200	220	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.05.18 (Yesterday)		29.05.18 (Today)		28.05.18 (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 limitation MW	Machines shut down (MW)		
70	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	54	60	60	60				
71	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	74	74	74	74				
72	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	42	50	50	50				
73	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	50	50				
74	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
75	Hobiganj (Confidence-EP)	Gas (SIIP, REB)	4x2.90	11	11	11	11	0	11				
76	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	60	40	66	66				
77	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	156	148	330	330				
78	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	84	86	86	86				
79	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	49	50	50				
80	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	130	128	130	130				
81	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Under Overhauling	30.05.18
82	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	42	45	48	48				
83	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
84	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	23	23	23				
85	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	320	285	341	341				
Sylhet Zone Total				1594	1549	1261	1221	1481	1492	0	20		
86	Bheramara GT:Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	48	0	32				
87	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	210	287	280	280				
88	Faridpur Peaking	HFO (PDB)	6x6.89	54	54	0	46	0	50				
89	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	8	70	40	60				
90	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	211	225	225				
91	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	51	104	110	110				
92	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	80	99	115	115				
93	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	51	0	55				
94	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	100	0	100				
95	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	33	33	33	33				
**	Bheramara HVDC Interconnector	India		500	500	473	473	485	484				
Khulna Zone Total				1783	1769	975	1522	1288	1544	0	0		
96	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
97	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	48	110	110	110				
98	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	23	38	33	33				
99	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	190	175	194	194				
100	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	96	96	95	95				
Barisal Zone Total				472	462	357	419	432	462	0	0		
101 a)	Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
101 b)	Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	30.05.18
102	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	34	0	43				
103	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	47	0	49				
104	Amnura	HFO (QRPP)	7x7.79	50	50	40	50	50	50				
105	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	34	94	100	100				
106	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	37	48	48				
107	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	43	43				
108	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	44	0	44				
109	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
110	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	180	165	220	220				
	Sirajganj Unit-3 225MW	HSD (NWPGL)				90	0	0	0			On Test	
111	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	7	18	22	22				
112	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	10	10				
113	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
114	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	8	43	52	52				
Rajshahi Zone Total				1133	1123	415	594	556	692	281	100		
115 a)	Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.05.18
115 b)	Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	76	75	78	78				
116	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	281	280	270	270				
117	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	16	0	18				
118	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	357	389	348	384	0	85		
Sub-total: Plants in operation				15553	15010	8783	10958	10634	12116	1306	444		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						8275	10324	10019	11415				
Gross Total				15553	15010	8783	10958	10634	12116	1306	444		
(B) Actual data of 28.05.18 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	: 10958.00 MW, at = 21:00 hrs	11. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :										
02.	Max. Demand (Sub-station end)	: 10324.00 MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW			
03.	Highest Generation (Generation end)	: 10958.00 MW, at = 21:00 hrs	Dhaka	4005	4005	0	Mymensingh	666	666	0			
04.	Minimum Generation (Generation end)	: 7198.50 MW, at = 7:00 hrs	Chittagong	1119	1119	0	Sylhet	423	423	0			
05.	Day-peak Generation (Generation end)	: 8783.20 MW, at = 12:00 hrs	Khulna	1384	1384	0	Barisal	267	267	0			
06.	Evening-peak Generation (Generation end)	: 10958.00 MW, at = 21:00 hrs	Rajshahi	1042	1042	0	Rangpur	434	434	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs	Comilla	984	984	0	Total	10324	10324	0			
08.	Generation shortfall at evening peak due to :		12.	Fuel cost :	(a) Gas = 93538090 Taka	(c) Coal = 11148490 Taka							
	a) Gas limitation	: 1306 MW			(b) Oil = 607025396 Taka	Total = 71171976 Taka							
	b) Low water level in Kaptai lake	: 0 MW											
	c) Plants under shut down/ maintenance	: 444 MW											
09.	Total Energy (Generation - India Import)	: 219.77 MKWh	13.	Maximum Temperature in Dhaka was :	35.5° C								
	By Gas = 122.43 MKWh	By Oil = 71.23 MKWh	14.	Export through East-West interconnections :									
	By Coal = 8.46 MKWh	By Hydro = 2.24 MKWh		At evening peak-hour	: -500 MW, at 21:00 hrs								
10.	Total Gas Supplied	: 998.89 MMCFD		Maximum	: -600 MW, at 20:00 hrs								
				Energy	: 4.3485 MKWh								
(C) Forecast of 29.05.18 (Today) Tuesday :													
01.	Maximum Demand	: 11000 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 12116 MW (Generation end)	05.	Total Generation	: 220.61 MKWh								
03.	Maximum Shortage	: -1116 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	35.5° C								

* Captive Power ** Imported Power

#Remarks: Highest Generation 10958MW on 28-05-2018 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation