



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020				Day : Wednesday				Date : 27.05.20							
Probable Maximum Demand : 7000 MW				Probable Maximum Generation : 14283 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.56 ft				Today = 75.55 ft				Rule Curve = 77.00 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.05.20 (Yesterday)		27.05.20 (Today)		26.05.20 (Yesterday)		27.05.20 (Today)		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 TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35					50	Unit 2 Under maint.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0					170	Under maint.
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	100	220	0	220						
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0					190	Under maint.
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0					365	Under maint.
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	14	92	108	108						
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	68	78	78	10					Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105					Gas Shortage
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40					Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	242	274	360	360						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	370	450	450						
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0					115	Under Overhauling
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	363	335	412	412						
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	75	117	100	200	93					Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0					335	Under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	7	50	100						
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	265	285	300	300						
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100						
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	35	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55						
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	50	100						
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	50	102						
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	0	0	22	22						
21	Summit Power (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	31	33	48	49						
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	16	20	33	33						
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x6.73	33	33	12	16	30	33						
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52						
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100						
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	100	149						
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	48	48						
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54						
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	45	100	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	100	149	149						
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	100	300						
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100						
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100						
34	Nabaganj 55 MW PP (Northern pc)	HFO (IPP)	3x19.3	55	55	0	17	55	55						
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55						
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
Dhaka Zone Total				6047	5811	1493	2199	3194	4319	248	1225				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	34	29	30	30	201					Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90						
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0					180	Under maint.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3	0	5	0						
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25						
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	12.12	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	18	50	50						
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	100	100						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	139	150	150						
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0					225	Under maint.
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	33	159	230	230						
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100						
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	30	100	100						
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	100	100						
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0						
51	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	19	19	22	22						
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	40	40	40						
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100						
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54						
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110						
	Juldah unit-2	HFO (IPP)				52	100	100	100						
Chattogram Zone Total				2226	2166	423.12	734	1322	1401	201	405				
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	110	110						
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129					Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134					Gas Shortage
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	10	40	42	42						
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	143	195	225	225						
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	270	265	0	350						
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	320	360	360						
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	1	10	10	50						
61	Asnuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	16	55	55						
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	43	50	51						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	16	100	150						
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50						
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0					163	Under maint.
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200						
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	21	22	22						
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	8	11	11						
69	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	8	33	33	33						
70	Jengalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52						
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	20	20	20						
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200						
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	34	114	114						
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113						
**	Impoort (Tripura)	India		160	160	88	148	154	172.6						
Cumilla Zone Total				3040	2980	963	1362	1571	2380.6	263	163				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.05.20 (Yesterday)		27.05.20 (Today)		26.05.20 (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)						
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	64	85	88	88							
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	20	30	30	30		60	GT-4 Under maint.				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	13	52	51	51							
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	50	44	44							
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163							
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11							
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	59	66	66							
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	178	175	210	210		155	ST under maint.				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	77	80	80							
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	80	150	100	150							
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	18	20							
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0							
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10							
94	Shahjahanula 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	8	24	24	24							
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0							
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x225+1x175	400	400	0	0	0	0		400	Under maint.				
Sylhet Zone Total				1944	1899	563	853	895	947	0	615					
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	45							
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	255	240	340	410							
99	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	26	0	37							
100	Copalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	47	0	70							
101	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225							
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	16	99	99	99							
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	10	100							
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40							
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	35	0	50	105							
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	50	100	105							
**	Bheramara (HVDC)	India		1000	1000	925	934	510	953							
Khulna Zone Total				2328	2314	1231	1436	1149	2189	0	0					
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30							
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	50	110							
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	32	30	33							
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	60	60		134	GT2 shutdown				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	33	88	95	95							
Payra 1320 MW						0	0	0	0							
Barishal Zone Total				472	462	127	290	235	328	0	134					
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	35	0	70	70	71		Gas Shortage				
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage				
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	34							
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200							
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	70							
116	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	50	50							
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	50	100							
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46							
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42							
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34							
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	164	186	200	200	34		Gas Shortage				
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	163	190	210	210	30		Gas Shortage				
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	340	407	410	410							
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	3	19	20	20							
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	8	10	10							
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	0	11	11							
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	40	40							
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	0	0	50	113							
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	50	113							
Rajshahi Zone Total				2193	2183	713	810	1459	1773	445	0					
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage				
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	150	150	150							
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20							
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	0	84	50	113							
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20							
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	1.6	0	8	0							
Rangpur Zone Total				685	605	151	234	208	303	170	0					
Sub-total: Plants in operation				19580	19057	5863.0	8341	10647	14283	1327	2542					
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						5585	7945	10141	13605							
(B) Contract expired power plants																
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired				
Sub-Total: Plants under long term maintenance				50	50	0	0	0	0							
Gross Total				19630	19107	5863.0	8341	10647	14283	1327	2542					
(C) Actual data of 26.05.20 (Yesterday) Tuesday :																
01.	Max. Demand (Generation end)	:	8341.00	MW,	at =	20:00 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	7945.00	MW,	at =	20:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	8341.00	MW,	at =	20:00 hrs P	Dhaka	2626	2626	0	Mymensingh	765	765	0		
04.	Minimum Generation (Generation end)	:	5830.81	MW,	at =	9:00 hrs	Chattogram	839	839	0	Sylhet	366	366	0		
05.	Day-peak Generation (Generation end)	:	5863.02	MW,	at =	12:00 hrs	Khulna	936	936	0	Barishal	311	311	0		
06.	Evening-peak Generation (Generation end)	:	8341.00	MW,	at =	20:00 hrs P	Rajshahi	709	709	0	Rangpur	434	434	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs P	Cumilla	959	959	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	3235.90	MW,	at =	5:00 hrs an					Total	7945	7945	0		
09.	Generation shortfall at evening peak due to :	:														
	a) Gas limitation	:	956	MW							(e) Gas =	140777652	Taka	(c) Coal =	19936928	Taka
	d) Coal supply Limitation	:	170	MW							(b) Oil =	132962769	Taka	Total =	293677349	Taka
	b) Low water level in Kaptai lake	:	201	MW												
	c) Plants under shut down/ maintenance	:	2542	MW												
10.	Total Energy (Generation + India Import)	:	168.32	MKWh												
	By Gas =	117.964	MKWh	By Oil =	21.231	MKWh										
	By Coal =	3.678	MKWh	By Hydro =	0.752	MKWh										
	By Solar =	0.169	MKWh													
11.	Total Gas Supplied	:	928.55	MKWh												
(D) Forecast of 27.05.20 (Today) Wednesday :																
01.	Maximum Demand	:	7000	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	14283	MW	(Generation end)		05.	Total Generation	:	141.26	MKWh					
03.	Maximum Shortage	:	-7283	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka	:	35.8° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouzi Islam Shaker)
Deputy Secretary, Generation