



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2019				Day: Friday				Date: 24.05.19				
Probable Maximum Demand :				Probable Maximum Generation :								
11875 MW				15418 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday =	72.10		Today =	72.10		Rule Curve = 77.80		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.05.19 (Yesterday)		24.05.19 (Today)		23.05.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal Limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	38	35	38	38			
	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	209	189	189	189		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0		On Test	
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80	Gas Shortage	
2	Ghorasal CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	270	350	360	360			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	104	107	60	107			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	50	60	70	70			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	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 CCGP	Gas (IPP)	1x235+1x125	360	360	274	352	360	360			
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	250	225	225	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	338	0	0	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	35	0	200	200	210	Gas Shortage	
13	Siddhirganj CCGP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	180	180	217	Gas Shortage	
14	Siddhirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	95	100	100			
15	Meghnaghat CCGP (Summit)	GAS (IPP)	2x110+1x110	305	305	0	65	335	335			
16	Meghnaghat (EEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
17	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	100	100	100			
18	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	42	55	55			
19	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	86	74	100	100			
20	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	100	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+7x3.73	80	80	57	56	58	58			
23	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Summit Power, Rugganij	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
25	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	49	49	47	47			
	Gazipur 100 MW	HFO (RPCL)				108	108	108	108		On Test	
26	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	149	149			
27	Kathpoti 52 MW	HFO (IPP)	7x7.90	51	51	42	47	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	300	300	300			
30	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	149	149	149			
31	APR Energy, Keranigonj	HSD (IPP)	256x1.4	300	300	0	0	300	300			
32	Bramhangano 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	15	10	100	100			
33	Aourahali 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	61	11	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	63	66	65	65			
Dhaka Zone Total				5934	5698	2580	3325	4482	5166	767	0	
37	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	32	34	34	198	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	150	150	150	150			
	Kaptai Solar	Solar (PDB)				4.9	0	2	0		On Test	
39	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	20	25	25	25			
40	Teknat Solartech 20MW	Solar (IPP)	1x20	20	20	19	0	20	0			
41	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	38	46	45	45			
	Baraka Sikalbaha PL	HFO (IPP)				109	90	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	135	130	145	145			
44	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	217	229	225	225			
45	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	16	16	33	33			
	Anwara United	HFO (IPP)				38	0	0	0		On Test	
46	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	80	100	100			
47	Julda (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	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	76	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	16	18	35			
51	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	89	96	100	100			
Chattogram Zone Total				1761	1681	1096.9	1287	1383	1385	318	0	
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	0	0	135	135	134	Gas Shortage	
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	36	37	37	37			
54	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1775	221	221	201	200	221	221			
55	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	356	330	360	360			
56	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	360	360	360	360			
57	Ashuganj (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5			
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	53			
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	150	150	150			
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	50	0	50			
63	Chandpur CCGP	Gas (PDB)	1x1106+1x57	163	163	100	100	100	100			
64	Chandpur 200MW Dosh energy	HFO (IPP)	12x18.415	200	200	34	198	200	200			
65	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	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	0	43	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)	9x1.4+40x1.515+1x1.105	200	200	0	0	200	200			
**	Tripura	India		160	160	148	190	143	186			
Cumilla Zone Total				2866	2806	1366	1761	2094	2235	398	0	
71	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	147	57	153	153			
72	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	17	17			
73	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	16	95	95	95			
74	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	64	97	98	98			
75	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	200	200	200			
76	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	2	0			
Mymensingh Zone Total				645	637	228.5	449	565	563	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.05.19 (Yesterday)		24.05.19 (Today)		23.05.19 (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	Machines shut down (MW)					
									Gas/water/Coal limitation MW	Gas/water/Coal limitation MW				
77	Fenchugarj CCPP-1	Gas (PDB)	2x32+1x33	97	70	58	57	57	57					
78	Fenchugarj CCPP-2	Gas (PDB)	2x35+1x35	104	90	58	58	58	58					
79	Fenchugarj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	5	50	50					
80	Fenchugarj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44					
81	Kushara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163					
82	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	0	11					
83	Shajbazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	64	66	66					
84	Shajbazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	106	114	330	330					
85	Shajbazar (Shajbazar)	Gas (RPP)	32x2.90	86	86	79	82	86	86					
86	Shajbazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	46	44	44					
87	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	121	80	130	130					
88	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	19	19					
89	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	41	43	42	42					
90	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	8	10	10	10					
91	Shahjhanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	25	25	25					
92	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	265	341	341					
	Bibiana- 3	Gas (PDB)				200	250	0	300			On Test		
Sylhet Zone Total					1594	1549	1232	1354	1465	1776	0	0		
93	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	16	0	32					
94	Bheramara 360 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	25.5.19	
95	Fardpur Peaking	HFO (PDB)	8x6.98	54	54	0	26	35	35					
96	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	42	50	80					
97	Khulna CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	150	190	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	66	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	17	105	105	105					
102	Modhumati Power Plant	HFO (NWPGCL)	6x18.415	105	105	29	103	102	102					
**	Bheramara HVDC Interconnector	India		1000	1000	483	732	950	950					
Khulna Zone Total					2328	2314	679	1435	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	10	39	33	33					
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	174	174	174					
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	51	97	93	93					
Barishal Zone Total					472	462	238	420	410	430	0	0		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	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	200	200	200					
111	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	34	35	35					
112	Amnura	HFO (QRPP)	7x7.79	50	50	0	50	50	50					
113	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	93	93	93					
114	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	43	45	45					
115	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	34	50	50					
116	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	35	27	27					
117	Sirajganj CCPP 1	Gas (NWPGCL)	1x150+1x75	210	210	173	197	200	200					
118	Sirajganj CCPP 2	Gas (NWPGCL)	1x150+1x75	220	220	193	200	200	200					
119	Sirajganj CCPP-3	Gas (NWPGCL)	1x141+1x79	220	220	204	208	220	220					
120	Sirajganj Unit-4 (Gas)	Gas (IPP)	1x282+1x132	414	414	250	380	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	3	11	11	11					
124	Rajjanka 52 MW	HFO (IPP)	6x8.92	52	52	8	43	52	52					
125	Confidence Power Bagura U-2	HFO (IPP)	6x18.55	113	113	0	108	100	100					
Rajshahi Zone Total					2080	2070	929	1584	1845	1845	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	290	250	199	199		24	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	18	18	18					
Rangpur Zone Total					564	484	290	285	234	234	109	85		
Sub-total: Plants in operation					18244	17701	8639	11900	14200	15418	1592	595		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							8239	11387	13543	14704				
(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	8639	11900	14200	15418	1592	595		
(C) Actual data of 23.05.19 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	: 11900.00	MW, at = 21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end):										
02.	Max. Demand (Sub-station end)	: 11387.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed			
03.	Highest Generation (Generation end)	: 11944.00	MW, at = 22:00 hrs		MW	MW	MW		MW	MW	MW			
04.	Minimum Generation (Generation end)	: 5481.10	MW, at = 6:00 hrs	Dhaka	4239	4239	0	Mymensingh	846	846	0			
05.	Day-peak Generation (Generation end)	: 8639.40	MW, at = 12:00 hrs	Chattogram	1151	1151	0	Sylhet	453	453	0			
06.	Evening-peak Generation (Generation end)	: 11900.00	MW, at = 21:00 hrs	Khulna	1475	1475	0	Barishal	352	352	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs	Rajshahi	1475	1475	0	Rangpur	352	352	0			
08.	Actual Minimum Generation up to 8:00 hrs.	: 8015.40	MW	Cumilla	1044	1044	0							
09.	Generation shortfall at evening peak due to:	:		Total 11387 11387 0										
	a) Gas limitation	: 1285	MW											
	d) Coal supply Limitation	: 109	MW											
	b) Low water level in Kaptai lake	: 198	MW											
	c) Plants under shut down/ maintenance	: 595	MW											
10.	Total Energy (Generation + India Import)	: 206.30	MKWh	13. Fuel cost: (a) Gas = 93854216 Taka (c) Coal = 21866128 Taka										
	By Gas = 135.997	MKWh	By Oil = 42.306	Taka										
	By Coal = 5.665	MKWh	By Hydro = 0.714	Taka										
	By Solar = 0.163	MKWh		Total = 115720344 Taka										
				14. Maximum Temperature in Dhaka was : 33.2° C										
11.	Total Gas Supplied	: 1333.31	MMCFD	15. Export through East-West interconnections : At evening peak-hour : -50 MW, at 21:00 hrs										
				Maximum : -180 MW, at 22:00 hrs										
				Energy : 0.177 MKWh										
(D) Forecast of 24.05.19 (Today) Friday :														
01.	Maximum Demand	: 11875	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)						
02.	Maximum Generation	: 15418	MW (Generation end)	05.	Total Generation	: 205.11	MKWh							
03.	Maximum Shortage	: -3543	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	: 35.2° C								

* Captive Power ** Imported Power

#Remarks: Highest Generation 12539MW on 21-05-2019 at 21.00

(MONIRUZZAMAN)
Deputy Secretary, Generation