



**Bangladesh Power Development Board**  
**DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation  
Tel : 9564667, 9551095

Month February, 2019						Day : Monday				Date : 25.02.19				
Probable Maximum Demand :						9400 MW		Probable Maximum Generation : 13100 MW						
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 92.21 ft		Today = 92.02 ft		Rule Curve = 93.60 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derailed/ Present Capacity (MW)	24.02.19 (Yesterday)		25.02.19 (Today)		24.02.19 (Yesterday)		25.02.19 (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 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 GT	Gas (PDB)	1 x 210	210	170	0	0	0	0				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	185	180	180	180					
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	340	280	360	360					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	12	108	108					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	75	40	40	75					
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	40	40	40	40					
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	26	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0			360	Under Maintenance	25.03.19
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	450	450	450					
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	105	110	100	100					
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	362	365	412	412					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	36	100	100	174			Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	116	116	114	115					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	50	100	100					
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0			305	Under Maintenance	07.03.19
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	80	100	100					
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	75	100	100					
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	45	55	55					
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	0	102	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22					
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	53	50	58	58					
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33					
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	51	51	51					
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149					
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	0	47	47					
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	54	54					
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	67	200	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	106	149	149					
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	200	300					
33	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100					
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100					
35	Southern Power	HFO (IPP)	3x19.3	55	55	17	55	55	55					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	37	55	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	49	51	52	52					
Dhaka Zone Total				6034	5798	2109	2611	3964	4300	319	665			
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	73	71	70	70	159			Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	0	0	0	0					
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	150	150	150	180	30			Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	25	26	26					
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	13	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	47	47	50	50					
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40			Gas Shortage	
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150			Gas Shortage	
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225			Gas Shortage	
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	41	42	41	42					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	58	46	68	70					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	75	75	75	75					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	64	75	75					
51	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
*	Malancha, Ctg. EPZ (United)	Gas	5x8.73+3x9.34			2	22	12	15					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	34	99	100	100					
Chattogram Zone Total				1761	1681	512	728	774	790	604	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	100	100	100	100					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	120	150					
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	100	100	100	100					
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	33	40	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	205	183	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	100	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	340	360	360					
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	6	6					
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5					
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	45	45	20	20					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	5	33	150	150					
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	40	10	85	85					
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	95	95	95					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	105	200	200					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22					
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33					
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	14	15	22	22					
72	Daudkandi 200 MW	HSD (IPP)	8x11.4+4x11.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	120	136	115	131					
Cumilla Zone Total				2951	2891	1312	1378	1965	2421	0	0			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	167	180	210	202	22			Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	42	86	86	86					
	United Jamalpur PPL	HFO (IPP)				0	0	122	122				On Test	
76	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	200	100	200					
77	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	3	0	2	0					
Mymensingh Zone Total				530	522	239	488	542	632	22	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.02.19 (Yesterday)		25.02.19 (Today)		24.02.19 (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)		
78	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	60	50	60	60				
79	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	0	0	32	32				
80	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	51	51	51				
81	Fenchuganj (Energypima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	40	44	44				
82	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	43	40	65	66				
85	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	287	286	300	300				
86	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	86	85	86				
87	Shajibazar (Energypima)	Gas (RPP)	27x2.0	50	50	47	48	50	50				
88	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	96	104	100	100				
89	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	20	20	20				
90	Sylhet (Energypima)	Gas (RPP)	27x2.0	50	50	0	24	24	24				
91	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	23	24	25	25				
93	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	330	270	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
<b>Sylhet Zone Total</b>				<b>1594</b>	<b>1549</b>	<b>1164</b>	<b>1164</b>	<b>1381</b>	<b>1383</b>	<b>0</b>	<b>0</b>		
94	Bheramara GT- Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
95	Bheramara 360 MW CCPP	Gas (NWPGLCL)	1 x 278+1 x 132	410	410	370	270	410	410				
96	Fairdipur Peaking	HFO (PDB)	8x6.98	54	54	0	43	0	50				
97	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	71	0	70				
98	Khulna CCPP	HSD (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	0				
99	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
100	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
101	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	17	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	711	858	721	870				
<b>Khulna Zone Total</b>				<b>2223</b>	<b>2209</b>	<b>1138</b>	<b>1502</b>	<b>1491</b>	<b>1806</b>	<b>0</b>	<b>0</b>		
103	Barisal GT -Unit-1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
104	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	90	100	100				
105	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	26	26	26				
106	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	184	145	194	194				
107	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	97	95	95				
<b>Barishal Zone Total</b>				<b>472</b>	<b>462</b>	<b>297</b>	<b>358</b>	<b>415</b>	<b>445</b>	<b>0</b>	<b>0</b>		
108	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	70	70	70	70				
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
109	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
	Paramount Baghabari	HSD (IPP)				0	0	0	0				
110	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	47				
111	Ammura	HFO (QRPP)	7x7.79	50	50	33	40	40	40				
112	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	100	100	100				
113	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
114	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
115	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	38	0	38				
116	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	185	190	170	200				
117	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	175	191	180	200				
118	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	196	195	190	200				
119	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
120	Bogura (ENB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
121	Bogura (Energypima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	16	17	17				
122	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
123	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52				
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test	
<b>Rajshahi Zone Total</b>				<b>1635</b>	<b>1625</b>	<b>760</b>	<b>1025</b>	<b>942</b>	<b>1137</b>	<b>382</b>	<b>0</b>		
124	a) Barapukuria ST-Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.03.19
	b) Barapukuria ST-Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
125	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
126	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	18				
127	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	19				
<b>Rangpur Zone Total</b>				<b>564</b>	<b>484</b>	<b>149</b>	<b>149</b>	<b>149</b>	<b>186</b>	<b>210</b>	<b>85</b>		
<b>Sub-total: Plants in operation</b>				<b>17764</b>	<b>17221</b>	<b>7680</b>	<b>9403</b>	<b>11623</b>	<b>13100</b>	<b>1537</b>	<b>750</b>		
<b>Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss</b>						<b>7307</b>	<b>8946</b>	<b>11058</b>	<b>12463</b>				
<b>Gross Total</b>				<b>17764</b>	<b>17221</b>	<b>7680</b>	<b>9403</b>	<b>11623</b>	<b>13100</b>	<b>1537</b>	<b>750</b>		

<b>(B) Actual data of 24.02.19 (Yesterday) Sunday :</b>												
01.	Max. Demand (Generation end)	:	9403.00	MW,	at =	19:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :				
02.	Max. Demand (Sub-station end)	:	8946.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Load Shed
03.	Highest Generation (Generation end)	:	9403.00	MW,	at =	19:00 hrs	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6089.00	MW,	at =	5:00 hrs	Dhaka	3175	3175	0	Mymensingh	710
05.	Day-peak Generation (Generation end)	:	7680.00	MW,	at =	12:00 hrs	Chattogram	1016	1016	0	Sylhet	324
06.	Evening-peak Generation (Generation end)	:	9403.00	MW,	at =	19:00 hrs	Khulna	1088	1088	0	Barishal	217
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	1007	1007	0	Rangpur	621
08.	Generation shortfall at evening peak due to :						Cumilla	788	788	0	Total	8946
	a) Gas limitation	:	1168	MW			12.	Fuel cost :	(a) Gas = 98562306	Taka	(c) Coal = 14143812	Taka
	d) Coal supply Limitation	:	210	MW					(b) Oil = 126241153	Taka	Total = 112706118	Taka
	b) Low water level in Kaptai lake	:	159	MW								
	c) Plants under shut down/ maintenance	:	750	MW								
09.	Total Energy (Generation + India Import)	:	179.56	MKWh			13.	Maximum Temperature in Dhaka was : 30.6° C				
	By Gas = 137.617	MKWH	By Oil = 18.160	MKWh			14.	Export through East-West interconnections :				
	By Coal = 3.664	MKWH	By Hydro = 1.574	MKWh				At evening peak-hour	:	-220	MW,	at 19:00 hrs
	By Solar= 0.141	MKWH						Maximum	:	-520	MW,	at 7:00 hrs
10.	Total Gas Supplied	:	1156.25	MMCFD				Energy	:	1.3155	MKWh	

<b>(C) Forecast of 25.02.19 (Today) Monday :</b>												
01.	Maximum Demand	:	9400	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	13100	MW	(Generation end)	05.	Total Generation	:	179.51	MKWh		
03.	Maximum Shortage	:	-3700	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	21.6° C			

\* Captive Power \*\* Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)  
Deputy Secretary, Generation