



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551085

Month: October, 2018					Day : Thursday				Date : 25.10.18					
Probable Maximum Demand : 10400 MW					Probable Maximum Generation : 11551 MW					Rule Curve = 108.30 ft				
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 102.81 ft					Today = 102.74 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.10.18 (Yesterday)		25.10.18 (Today)		24.10.18 (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/Coal limitation MW	Machines shut down (MW)				
(A) Plants in operation:														
1	a) Ghorasal ST-Unit-1	Gas (PDB)	1 x 55	55	40	33	33	33	33					
	b) Ghorasal ST-Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35					
	c) Ghorasal ST-Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage			
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	253	251	262	262		On Test			
	e) Ghorasal ST-Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	250	320	320					
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	0	0	0					
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0					
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	353	357	360	360					
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450	Under Maintenance	05.11.18		
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	0	0	0	0	412	Under Maintenance	25.11.18		
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	101	103	100	100	107	Gas Shortage			
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	216	218	218	218					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	20	100	100					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	55	72	90	90					
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	0	46	50	50					
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0					
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	56	83	100	100					
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	97	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	63	75	100	100					
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	48	32	102	102					
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22					
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	57	57	57					
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25					
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33					
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	40	42	43	43					
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	120	149	149					
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	6	40	40					
30	Kamalaghat Murshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54					
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	245	293	250	293					
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	95	110	110	115					
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	103	100	300					
34	Bramhangaoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	0	100					
35	Aourahai 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	20	0	100					
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55					
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	55	55	55					
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	47	47	50	50					
Dhaka Zone Total				6084	5848	2300	2926	3178	3626	622	862			
39	Kaptai Hydro-Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	74	82	130	135	148	Water Level Low			
	a) Chittagong ST-Unit-1	Gas (PDB)	1 x 210	210	180	150	150	150	150	30	Gas Shortage			
	b) Chittagong ST-Unit-2	Gas (PDB)	1 x 210	210	180	130	180	160	160	0	Gas Shortage			
1	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	26	25	25					
	Teknaf Solartech 20MW	Solar (IPP)				19.9	0	20	0					
2	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	45	0	40	46					
3	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage			
4	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0					
5	Sikalbaha 225 MW CCPP (Dual Fuel)	GAS (PDB)	1 x 150+1 x 75	225	225	204	203	225	225					
6	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	50	50	50	50					
7	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	90	90	100	100					
	Julda (Acom) Unit-3	HFO IPP				2	0	0	0		On Test			
8	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	51					
9	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	65	0	80					
10	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	4	15	20					
11	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	85	106	100	100					
Chattogram Zone Total				1641	1561	900.9	1029	1037	1164	218	0			
52	a) Ashuganj ST-Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	100	100					
	b) Ashuganj ST-Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	100	100					
	c) Ashuganj ST-Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0					
53	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	38	38	41	41					
54	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	106	123	109	150	98	ST Under Maintenance			
55	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	305	305	360	360					
56	Ashuganj CCPP(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	5					
59	Ashuganj Modular 195 MW	Gas (IPP)	20'9.73+1'16	195	195	68	68	68	68					
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0					
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	65	85	85					
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	49	0	50					
63	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	100	100	100					
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19					
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33					
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	13	52	0	52					
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	18	20	20					
69	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	40	100	200					
**	Tripura	India		160	160	114	150	117	143					
Cumilla Zone Total				2601	2541	1421	1618	1633	1902	0	98			
70	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	30	46	47	47	156	Gas Shortage			
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	63	63	73	73					
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	100	200	150	200					
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	2	0					
Mymensingh Zone Total				530	522	217	331	294	342	156	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.10.18 (Yesterday)		25.10.18 (Today)		24.10.18 (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/Coal limitation MW	Machines shut down (MW)		
75	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	55	54	60	60				
76	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	50	62	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	50	50				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
79	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
81	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	61	66	66	66				
82	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	111	122	136	136				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	46	46	46				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	128	128	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	20				
87	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	44	42	47	47				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	24	25	25				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	285	341	341				
Sylhet Zone Total				1594	1549	1189	1201	1281	1301	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	30				
92	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	418	420	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	10	0	40				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	7	52	0	80				
95	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	0	0	0	0				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	42	82	115	115				
98	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	97	0	100				
99	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
	Labon Chora 105 MW	HFO				73	91	50	105			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	757	752	767	767				
Khulna Zone Total				2228	2214	1337	1544	1382	1687	0	0		
100	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
101	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	32	110	80	110				
102	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	23	30	30				
103	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	182	176	188	188				
104	Bhola Agreeko 95 MW	Gas (QRPP)		95	95	95	97	95	95				
Barishal Zone Total				472	462	323	406	393	453	0	0		
105	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	29.10.18
106	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50				
107	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	55	0	55				
108	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
109	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	93	93	93				
110	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	40				
111	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	24	43	43	43				
112	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	44	0	43				
113	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	187	173	210	210				
114	Sirajganj CCPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	220	220	220	220				
115	Sirajganj CCPP-3 GT	Gas (NWPGL)	1x141	141	141	0	0	0	0				
	Sirajganj Unit-4 414 MW(Gas)	Gas				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
117	Bogura (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	5	5	5	5				
118	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8				
119	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	25	43	52	52				
Rajshahi Zone Total				1274	1264	537	836	703	891	71	100		
120	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.11.18
	b) Barapukuria ST-Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
121	Barapukuria ST-Unit - 3	Coal (PDB)	2 x 274	274	274	150	149	150	150	125		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	18				
Rangpur Zone Total				564	484	150	184	150	185	210	85		
Sub-total: Plants in operation				16988	16445	8375	10075	10051	11551	1277	1145		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7832	9422	9400	10802				
(B) List of Contract Expired Power Plants :													
124	Khulna (Agreko) 55MW	HSD (QRPP)	71x0.85	55	0	0	0	0	0			Contract expired	
Sub-total: Plants under long term maintenance				55	0	0	0	0	0	0	0		
Gross Total				17043	16445	8375	10075	10051	11551	1277	1145		
(C) Actual data of 24.10.18 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	10075.00 MW, at = 18:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9422.00 MW, at = 18:00 hrs		Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	10075.00 MW, at = 18:00 hrs		Dhaka	3785	3785	0	Mymensingh	644	644	0	
04.	Minimum Generation (Generation end)	:	6693.50 MW, at = 6:00 hrs		Chattogram	1020	1020	0	Sylhet	377	377	0	
05.	Day-peak Generation (Generation end)	:	8374.90 MW, at = 12:00 hrs		Khulna	1044	1044	0	Barishal	223	223	0	
06.	Evening-peak Generation (Generation end)	:	10075.00 MW, at = 18:00 hrs		Rajshahi	930	930	0	Rangpur	555	555	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 18:00 hrs		Cumilla	844	844	0	Total	9422	9422	0	
08.	Generation shortfall at evening peak due to :			12.	Fuel cost :	(a) Gas = 98370823 Taka		(c) Coal = 14182026 Taka					
	a) Gas limitation	:	919 MW		(b) Oil = 264670909 Taka			Total = 377223758 Taka					
	b) Low water level in Kaptai lake	:	148 MW		13.	Maximum Temperature in Dhaka was : 32.5° C							
	c) Plants under shut down/ maintenance	:	1145 MW		14.	Export through East-West interconnections :							
09.	Total Energy (Generation + India Import)	:	195.60 MKWh		At evening peak-hour	:	-10 MW, at	18:00 hrs					
	By Gas = 132.363 MKWH	By Oil = 37.123 MKWh			Maximum	:	-50 MW, at	21:00 hrs					
	By Coal = 3.674 MKWH	By Hydro = 2.075 MKWh											
	By Solar= 0.158 MKWH												
10.	Total Gas Supplied	:	1144.47 MMCFD		Energy	:	0.4930 MKWh						
(D) Forecast of 25.10.18 (Today) Thursday :													
01.	Maximum Demand	:	10400 MW (Generation end)	04.	Maximum Load-shed	:	0 MW	At evening peak (Sub-station end)					
02.	Maximum Generation	:	11551 MW (Generation end)	05.	Total Generation	:	201.91 MKWh						
03.	Maximum Shortage	:	-1151 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	31.4° C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation