



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9544667, 9551095

Month August, 2019		Day : Sunday		Date : 25.08.19								
Probable Maximum Demand : 12400 MW		Probable Maximum Generation : 15228 MW										
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 105.47 ft	Today = 105.68 ft		Rule Curve = 96.68 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.08.19 (Yesterday)		25.08.19 (Today)		24.08.19 (Yesterday) Gen. shortfall for: Gas/Water/Coal limitation (MW)	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening				
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	70	35	35				
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	179	209	209			On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0			On Test	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0				
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	380	300	350			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	86	22	22	22			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	60	40	0	0			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	105		Gas Shortage	
6	Haripur GTPP	Gas (PDB)	2 x 32	64	40	0	0	0	40		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	300	356	350	350			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	360	360	360			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	115		Gas Shortage	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	365	346	350	350			
11	Siddhirganj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	120	175	100	175	35	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	0	12	10	50			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	282	258	280	280			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	7	40	100	100			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	49	49	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	52	52	51	51			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	106	106	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	130	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	12	47	46	46			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	30	110	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhangan 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 (Southern pc)	HFO (IPP)	3x19.3	55	55	0	35	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	72	72	72			
Dhaka Zone Total				5929	5693	2491	3010	3647	4412	295	0	
37	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	214	210	215	215			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under transformer Maint.	27.8.19
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.09	0	4.4	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
41	Teknaf 20MW PP (SolarTech)	Solar (IPP)	1x20	20	20	3	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	2	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	50	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	130	130	130			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	230	204	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	70	160	230	260			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	100	100			
48	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	70	50	85			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	25	10	25			
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	95	97			
	Jodiac Power	HFO (IPP)				0	0	0	0			
	Karnaphuli Power Ltd.	HFO (IPP)				17	17	113	113			
Chattogram Zone Total				2062	2002	907.09	1135	1529.4	1637	0	180	
53	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0			
	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	80	80	100	100			
54	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	33	33	33	33			
55	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	192	180	225	225			
56	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	360	290	360	360			
57	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	350	265	360	360			
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	30	46	30	55			
59	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			
60	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	102	63	68	68			
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	17	43	43	43			
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	10	150	150			
63	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
64	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	50	136	140	140			
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	50	200	200	200			
66	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
67	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
68	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	30	33	33			
69	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52			
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	20	20	20			
71	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	16x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impopt (Tripura)	India		160	160	100	164	151	191			
Cumilla Zone Total				2866	2806	1447	1642	1998	2313	129	0	
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	158	158	204	204			
73	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
74	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	91	95	95			
75	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	80	115	115	115			
76	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	7	190	200	200			
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.6	0	1.6	0			
Mymensing Zone Total				645	637	274.6	574	635.6	634	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.08.19 (Yesterday)		25.08.19 (Today)		24.08.19 (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	Fenchugonj Ccpp Phase-1	Gas (PDB)	2x32+1x33	97	70	60	59	60	60						
79	Fenchugonj Ccpp Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	58	58						
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	43	50	51	51						
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	49	50	50						
82	Kushiana 163 MW Ccpp (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163						
83	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11						
84	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	64	63	63						
85	Shahjibazar 330 MW Ccpp	Gas (PDB)	2x110+2x110	330	330	153	138	160	160						
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	78	75	75						
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	42	46	45	45						
88	Sylhet 150 MW Ccpp	Gas (PDB)	1x142	142	142	66	110	68	110						
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	18						
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	41	47	44	47						
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10						
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24						
93	Bibiana-II 341 MW Ccpp (Summit)	Gas (IPP)	1x222+1x119	341	341	320	290	300	320						
94	Bibiyan-II 400 MW Ccpp	Gas (PDB)	1x285	285	285	238	232	200	220						
Sylhet Zone Total					1879	1834	1319	1396	1400	1485	0	0			
95	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	32						
96	Bheramara 360 MW Ccpp	Gas (NWPGL)	1 x 279+1 x 132	410	410	300	410	320	410						
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	38	0	42						
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	62	0	75						
99	Khulina 225 MW Ccpp	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200						
100	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115						
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	12	80	100						
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40						
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105						
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	87	50	100						
**	Bheramara (HVDC)	India		1000	1000	890	891	903	903						
Khulina Zone Total					2328	2314	1190	1760	1813	2122	0	0			
105	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30						
106	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	70	110						
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	39	25	35						
108	Bhola 225 MW Ccpp	Gas (PDB)	2x63+1x68	194	194	172	170	180	180						
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	50	97	50	95						
Barishal Zone Total					472	462	246	416	325	450	0	0			
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	60	60	60						
110	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint. 30.8.19			
111	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	50	50	0	50	50	50						
112	Baghabari 200 MW PP (Paramout)	HSD (IPP)	135x1.6	200	200	0	0	200	200						
113	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	32	0	30						
114	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	50	40	50						
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	94	80	100						
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	47	47						
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50						
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	22	0	35						
119	Sirajgonj 225MW Ccpp Unit-1	Gas (NWPGL)	1x150+1x75	210	210	197	184	215	215						
120	Sirajgonj 225MW Ccpp Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0						
121	Sirajgonj 225MW Ccpp Unit-3	Gas (NWPGL)	1x141+1x79	220	220	197	195	205	215						
122	Sirajgonj 400 MW Ccpp Unit-4	Gas (IPP)	1x282+1x132	414	414	410	420	400	400						
123	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
124	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	16	16	15						
125	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11						
126	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52						
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	111	113	113						
Rajshahi Zone Total					2080	2070	922	1414	1561	1665	0	100			
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	95	96	98	98						
128	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance 15.9.19			
129	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	285	265	280	280						
130	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
130	Rangpur 113 MW PP (Confidence)	HFO (IPP)				0	106	114	114			On Test			
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	18						
132	Majpara, Tatulia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	6	6	8	0			On Test			
Rangpur Zone Total					572	492	386	467	500	510	0	85			
Sub-total: Plants in operation					18833	18310	9183	11814	13409	15228	424	365			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					8696					10917		12698		14421	
(B) Contract expired power plants															
133	Brahambaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired			
134	Sikalbaha 51 MW PP(Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	0	0	0			Contract expired			
Sub-Total: Plants under long term maintenance					136	136	0	0	0	0	0	0			
Grand Total					18969	18446	9183	11814	13409	15228	424	365			

(C) Actual data of 24.08.19 (Yesterday) Saturday :												
01.	Max. Demand (Generation end)	:	11814.00 MW, at = 21:00:00 hr	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10917.00 MW, at = 21:00:00 hr	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	11814.00 MW, at = 21:00 hrs		Dhaka	3847	3847	0	Mymensingh	971	971	0
04.	Minimum Generation (Generation end)	:	8149.00 MW, at = 7:00 hrs	Chattogram	1077	1077	0	Sylhet	512	512	0	
05.	Day-peak Generation (Generation end)	:	9182.69 MW, at = 11:00 hrs	Khulina	1407	1407	0	Barishal	337	337	0	
06.	Evening-peak Generation (Generation end)	:	11814.00 MW, at = 21:00:00 hr	Rajshahi	1407	1407	0	Rangpur	337	337	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00:00 hr	Cumilla	1022	1022	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	8495.94 MW					Total	10917	10917	0	
09.	Generation shortfall at evening peak due to :	:		13.	Fuel cost :	(a) Gas = 150701241 Taka		(c) Coal = 41781326 Taka				
a)	Gas limitation	:	424 MW			(b) Oil = 337432746 Taka		Total = 192482567 Taka				
d)	Coal supply Limitation	:	0 MW									
b)	Low water level in Kaptai lake	:	0 MW									
	c) Plants under shut down/ maintenance	:	365 MW	14.	Maximum Temperature in Dhaka was : 32.3° C							
10.	Total Energy (Generation + India Import)	:	238.44 MKWh	15.	Export through East-West Interconnections :							
	By Gas = 158.633 MKWh			At evening peak-hour : 2 MW, at 21:00:00 hrs PM								
	By Coal = 8.945 MKWh			Maximum : -187 MW, at 2:00 hrs								
	By Solar = 0.108 MKWh			Energy : 0.355 MKWh								
11.	Total Gas Supplied	:	1357.67 MMCFD									

(D) Forecast of 25.08.19 (Today) Sunday :												
01.	Maximum Demand	:	12400 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	15228 MW (Generation end)	05.	Total Generation : 250.27 MKWh							
03.	Maximum Shortage	:	-2828 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35.0° C							

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation