



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2019		Day : Tuesday				Date : 30.07.19						
Probable Maximum Demand :		12000 MW		Probable Maximum Generation : 14865 MW				Rule Curve = 88.66 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 106.14 ft		Today = 106.00 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.07.19 (Yesterday)		30.07.19 (Today)		29.07.19 (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	Day	Evening				
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	30	30	32	32			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	219	220	220	220		On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	220	220	220	220		On Test	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0			
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	100	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	74	50	50			
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	343	303	340	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	370	450	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	340	340	370	370			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	9	9	10	10	208	Gas Shortage	
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	290	280	280			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	32	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	15	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	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	101	64	100	102			
20	Narshingdi 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+1x4.73	80	80	56	56	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	25	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)	8x8.90	52	52	42	41	42	42			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	102	102	100	100			
26	Kodda 150MW PP	HFO (BDOB-RPCL)	9x17.06	149	149	0	98	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	13	47	47	47			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	15	0	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	100	103	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	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	36	46	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	68	72	72	72			
Dhaka Zone Total				5929	5693	2686	2850	3695	4317	678	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	207	208	220	220			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	95	95	95	85	Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	Gas Shortage	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3.66	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	19	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	45	17	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	12	50	50	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	130	136	136			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	205	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	212	230	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	100	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	0	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	22	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	36	15	30			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	15	50	90	96			
Chattogram Zone Total				2062	2002	971.66	1383	1492.4	1654	145	0	
53	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	100	100	100			
	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	
54	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	33	37	37			
55	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*175	221	221	192	189	220	220			
56	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	285	310	340	360			
57	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	312	310	360	360			
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	48	52	51	50			
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*116	195	195	68	68	68	68			
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	45	45			
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	150	150	150			
63	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	42			
64	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	0	90			
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	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	11	11	11	11			
68	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
69	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52			
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	17	20	20			
71	Daudkandi 200 MW PP (B,Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impcppt (Tripura)	India		160	160	130	176	140	184			
Cumilla Zone Total				2866	2806	1415	1853	1849	2244	263	0	
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	142	145	145	145			
73	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
74	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	20	95	95	95			
75	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
76	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	7	150	100	200			
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	1.6	0			
Mymensingh Zone Total				645	637	306.7	527	478.6	577	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.07.19 (Yesterday)		30.07.19 (Today)		29.07.19 (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	53	54	53	53					
79	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	58	69	58	58					
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	47	53	51	51					
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	50	44	44					
82	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x154	163	163	163	130	163	163					
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
84	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	63	64	66					
85	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	266	263	260	267					
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	72	73	75	75					
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	40	43	42	42					
88	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	112	114	120	125					
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	16	17	17					
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	44	45	45	45					
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	295	300	315	320					
94	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285	285	285	200	233	300	300					
Sylhet Zone Total					1879	1834	1522	1551	1652	1671	0	0		
95	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	32	0	32					
96	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	31.7.19	
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	31	0	35					
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	62	0	70					
99	Khulina 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	150	150					
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	100	0	100					
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
103	Rupsha 105 MW PP (Orion nupsha)	HFO (IPP)	6x18.445	105	105	17	105	105	105					
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	51	86	84	85					
**	Bheramara (HVDC)	India		1000	1000	929	925	931	931					
Khulina Zone Total					2328	2314	997	1496	1425	1663	0	410		
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	48	70	110					
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	23	34	33	33					
108	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	173	173	175	175					
109	Bhola 95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	20	97	95	95					
Barishal Zone Total					472	462	216	352	373	443	0	0		
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	60	60	60					
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint.	14.8.19	
111	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50					
112	Baghabari 200 MW PP (Paramount)	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	6	6	12	12					
115	Chapananabaganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	24	95	80	100					
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	45	45					
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	8	42	42	42					
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	37	0	36					
119	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	189	192	215	215					
120	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	189	189	200	210					
121	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	192	193	205	215					
122	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	340	300	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	15	15					
125	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
126	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	52	52					
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	53	108	110	113					
Rajshahi Zone Total					2080	2070	1102	1441	1719	1828	0	100		
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	70	71	100	100					
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	25.8.19	
129	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	250	249	250	250					
130	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				1	0	0	100			On Test		
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	18	0	18					
	Sympa Solar Power 8MW	Solar (IPP)		0	0	7.5	0	3	0			On Test		
Rangpur Zone Total					564	484	329	338	353	468	0	85		
Sub-total: Plants in operation					18825	18302	9545	11791	13037	14865	1086	595		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					9158	11081	12508	14262						
(B) Contract expired power plants														
132	Brahmanbaria 85 MW PP (Agreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired		
133	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		
Gross Total					18961	18438	9545	11791	13037	14865	1086	595		
(C) Actual data of 29.07.19 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	11791.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	11081.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	11791.00	MW, at = 21:00 hrs	Dhaka	4044	4044	0	Mymensingh	938	938	0		
04.	Minimum Generation (Generation end)	:	8382.81	MW, at = 8:00 hrs	Chattogram	1168	1168	0	Sylhet	520	520	0		
05.	Day-peak Generation (Generation end)	:	9544.86	MW, at = 12:00 hrs	Khulina	1364	1364	0	Barishal	309	309	0		
06.	Evening-peak Generation (Generation end)	:	11791.00	MW, at = 21:00 hrs	Rajshahi	1364	1364	0	Rangpur	309	309	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Cumilla	1065	1065	0	Total	11081	11081	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	8421.22	MW										
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :								
a)	Gas limitation	:	1086	MW	(a) Gas =	15070337	Taka	(c) Coal =	35451628	Taka				
d)	Coal supply Limitation	:	0	MW	(b) Oil =	414186409	Taka	Total =	186154965	Taka				
b)	Low water level in Kaptai lake	:	0	MW										
c)	Plants under shut down/ maintenance	:	595	MW	14.	Maximum Temperature in Dhaka was : 33.4° C								
10.	Total Energy (Generation + India Import)	:	240.80	MKWh	15.	Export through East-West interconnections :								
	By Gas = 154.5354	MKWh		By Oil = 48.418	MKWh	At evening peak-hour : -180 MW, at 21:00 hrs								
	By Coal = 7.739	MKWh		By Hydro = 4.619	MKWh	Maximum : -250 MW, at 1:00 hrs								
	By Solar= 0.086	MKWh				Energy : 1.0155 MKWh								
11.	Total Gas Supplied	:	1385.17	MMCFD										
(D) Forecast of 30.07.19 (Today) Tuesday :														
01.	Maximum Demand	:	12000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	14865	MW (Generation end)	05.	Total Generation : 245.07 MKWh								
03.	Maximum Shortage	:	-2865	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 30.5° C								

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

(MONIRUZZAMAN)
Deputy Secretary, Generation