

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month July, 2021				Day : Friday				Date : 30.07.21			
Probable Maximum Demand : 9500 MW				Probable Maximum Generation : 14813 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 84.69 ft		Today = 84.99 ft		Rule Curve = 88.49 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	29.07.21 (Yesterday)		30.07.21 (Today)		29.07.21 (Yesterday) Gen. shortfall for :		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW		
					Day	Evening	Day	Evening	Machines shut down (MW)	Description/ Remarks	
(A) Plants in operation:											
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 210	260	260	0	0	0	0	260	Under maint.
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under Repowering
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	170	170	170	170		
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Under maint.
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	22	101	90	100		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	CB Problem
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Under Maint.
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	265	337	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	240	240	240	240	210	Gas Shortage
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	295	380	360	412		
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	37	90	40	90	120	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	150	178	335	335		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	290	285	300	300		
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55		
16	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	85	85		
17	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	0	100	102		
18	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	19	19		
19	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.87+1x8.73	80	80	28	32	35	35		
20	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25		
21	Ruganaj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	21	20	24		
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	25	52	52		
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100		
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	150	150		
25	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
26	Kamalghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	35	54	54		
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	270	270		
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	17	149	149		
29	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	0	0	100	300		
30	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
31	Auralah 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
32	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	0	55	55		
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	55	55		
34	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
35	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	0	90	104		
36	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	0	162	162		
37	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	5	0	30	0		
Dhaka Zone Total				5976	5819	1560	1972	3651	4003	330	1045
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	123	119	124	124	111	Low Water Level
39	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	120	120	120	120		
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	2	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	16	25	25		
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	0	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50		
44	Sikalbaha 105 MW PP (Baraka Sikabha)	HFO (IPP)	6x18.415	105	105	0	51	105	105		
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	100	120	120	120		
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Under maint.
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	0	200	300		
48	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
49	Juldah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	0	20	100	100		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	51	51		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	21		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			34	42	35	42		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	89	97	97		
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	51	110	110		
56	Juldah unit-2 (Accorn)	HFO (IPP)	8x13.6	100	100	0	0	100	100		
57	Chattogram 116 MW PP (Anima Ener)	HFO (IPP)	6x21.06	116	116	0	72	116	116		
Chattogram Zone Total				2442	2382	500	855	1653	1735	111	225
58	a) Ashuganj TPP Unit-3	Gas (APSCL)	1 x 150	150	135	70	70	70	70	65	Gas Shortage
	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	80	80	54	Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	23	23	23	23		
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	202	194	210	210		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	310	295	360	360		
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	335	280	330	330		
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	20	20	55	55		
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20'9.73+1'16	195	195	8	8	8	8	187	Gas shortage
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	43	43	43		
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	20	150	150		
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	50	50		
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	137	137	135	137		
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	68	170	200		
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	21	22	22		
71	Feni 11 MW PP (Doreen)	Gas (SIPP, PDB)	4x2.90	11	11	8	11	11	11		
72	Jangalia 33MW PP (Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33		
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	40	40		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	10	21	21		
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+8x1.315+1x1.108	200	200	0	0	100	200		
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	0	113	113		
77	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	55	113	113		
78	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17		
**	Impoirt (Tripura)	India		160	160	70	114	121	148		
Cumilla Zone Total				3094	3034	1352	1491	2275	2434	435	0
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	169	200	205	205		
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	21	21		
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	8	8	8		
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115		
83	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	100	175	200		
84	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	0	0	1.6	0		
85	Sutakali 50 MW Solar PP	Solar (IPP)	1x50	50	50	3	0	50	0		
86	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	0	24	22	22		
Myensingh Zone Total				717	709	180	468	598	571	0	0

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.07.21 (Yesterday)		30.07.21 (Today)		29.07.21 (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)			
87	Fenchugonj CCPP Phase-1	Gas	(PDB)	2x32+1x33	97	70	43	43	43	43		27	Under maint.		
88	Fenchugonj CCPP Phase-2	Gas	(PDB)	2x35+1x35	104	90	43	43	43	43		47	Under maint.		
89	Fenchugonj 51 MW PP (Barakatlullah)	Gas	(RPP)	12x9.90	51	51	11	53	51	51					
90	Kushara 163 MW CCPP (KP)	Gas	(IPP)	1x109+1x54	163	163	0	0	0	0		163	Under maint.		
91	Hobiganj 11MW PP Confidence-E	Gas	(SIPP, REB)	4x2.90	11	11	11	11	11	11					
92	Shahjibazar GTTP Unit- 8 & 9	Gas	(PDB)	2x35	70	66	32	52	60	60					
93	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+1x110	330	330	271	270	0	0					
94	Shahjibazar 86MW PP (Shahjibazar)	Gas	(RPP)	32x2.90	86	86	10	81	84	84					
95	Sylhet 225 MW CCPP	Gas	(PDB)	1x142+1x89	231	231	100	140	150	150					
96	Sylhet 20 MW GTTP	Gas	(PDB)	1 x 20	20	20	18	18	18	18					
97	Sylhet 10MW PP (Desh)	Gas	(RPP)	6x1.95	10	10	10	10	10	10					
98	Shahjahanulla 25 MW PP	Gas	(CIPP, REB)	3x9.34	25	25	16	16	19	19					
99	Bibiana-II 341 MW CCPP (Summit)	Gas	(IPP)	1x222+1x119	341	341	0	0	341	341					
100	Bibiyan-II 400 MW CCPP	Gas	(PDB)	1x285+1x115	400	400	350	403	400	400					
101	Bibiyan South 383 MW CCPP	Gas	(PDB)	1x252+1x131	383	383	175	263	260	260					
102	Shahjibazar 100 MW GTTP	Gas	(PDB)	1x100	100	100	0	0	0	0					
Sylhet Zone Total					2422	2377	1090	1403	1490	1490	0	237			
103	Bheramara GTTP Unit- 3	HSD	(PDB)	1 x 20	20	16	0	0	0	0					
104	Bheramara 410 MW CCPP	Gas	(NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0					
105	Faridpur 50 MW Peaking PP	HFO	(PDB)	8x6.98	54	54	0	0	0	20					
106	Gopalganj 100 MW Peaking PP	HFO	(PDB)	16x6.98	109	109	0	0	0	60					
107	Khulna 225 MW CCPP	HSD	(NWPGL)	1 x 150+1x75	230	230	0	0	225	225					
108	Noapara 100 MW PP (Bangla Trac)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	0	50	100					
109	Rupsha 105 MW PP (Orion rupsha)	HFO	(IPP)	6x18.445	105	105	0	90	105	105					
110	Madhumati 100 MW PP	HFO	(NWPGL)	6x18.415	105	105	0	0	100	100					
**	Bheramara (HVDC)	India			1000	1000	686	686	699	699					
Khulna Zone Total					2133	2129	686	776	1179	1309	0	0			
111	Barisal 110 MW PP (Summit)	HFO	(IPP)	7 x 17.076	110	110	0	0	110	110					
112	Bhola 33 MW PP (Venture)	Gas	(RPP)	1x34.50	33	33	13	31	33	33					
113	Bhola 225 MW CCPP	Gas	(PDB)	2x63+1x68	194	194	50	50	66	66		144	Under maint.		
114	Bhola 95 MW PP (Aggreko)	Gas	(QRPP)	1.1x96	95	95	0	12	80	82					
115	Payra 1320 MW TPP	Coal	(BCPCL)	2x622	1244	1244	260	490	622	622					
116	Potakhali 150MW PP (UPPL)	HFO	(IPP)	8x18.415+1x9.78	150	150	0	27	90	90					
117	Bhola 220MW CCPP (Nutan Bidyut BC)	Gas/HSD	(IPP)	2x75+1x70	220	220	121	220	220	220					
Barishal Zone Total					2046	2046	444	830	1221	1223	0	144			
118	a) Baghabari 71 MW GTTP	Gas	(PDB)	1 x 71	71	71	0	0	0	0		71	Gas Shortage		
	b) Baghabari 100 MW GTTP	Gas	(PDB)	1 x 100	100	100	70	80	70	80		20	Gas Shortage		
119	Baghabari 50 MW Peaking PP	HFO	(PDB)	6x8.9	52	52	0	0	50	50					
120	Baghabari 200 MW PP (Paramount)	HSD	(IPP)	135x1.6	200	200	0	0	200	200					
121	Bera 70 MW Peaking PP	HFO	(PDB)	9x8.29	71	71	0	0	20	20					
122	Amnura 50 MW PP(Sintha)	HFO	(QRPP)	7x7.79	50	50	0	18	35	35					
123	Chapainawabganj 100 MW Peaking PP	HFO	(PDB)	12x8.924	104	104	0	48	95	95					
124	Katakhali 50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	0	30	30	30					
125	Katakhali 50 MW PP (Northern)	HFO	(QRPP)	6x8.9	50	50	0	0	0	0					
126	Santhar 50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	0	26	0	34					
127	Sirajgonj 225MW CCPP Unit-1	Gas	(NWPGL)	1x150+1x75	210	210	80	144	100	144			STG S/D		
128	Sirajgonj 225MW CCPP Unit-2	Gas	(NWPGL)	1x150 + 1x75	220	220	130	141	200	200					
129	Sirajgonj 225MW CCPP Unit-3	Gas	(NWPGL)	1x141+1x79	220	220	130	211	200	200					
130	Sirajgonj 400 MW CCPP Unit-4	Gas	(IPP)	1x282+1x132	414	414	377	415	400	400					
131	Bogra 22 MW PP (SBB)	Gas	(RPP)	6x4.0	22	22	21	22	22	22					
132	Ullapara 11 MW PP (Summit)	Gas	(SIPP, REB)	4x2.90	11	11	0	11	11	11					
133	Natore 52 MW PP (Rajlanka)	HFO	(IPP)	6x8.92	52	52	0	13	52	52					
134	Bagura 113 MW PP (Confidence) Unit-1	HFO	(IPP)	6*18.55	113	113	0	0	95	95					
135	Bagura 113 MW PP (Confidence) Unit-2	HFO	(IPP)	6x18.55	113	113	0	90	90	90					
136	Sirajgonj 6.55 MW Solar	Solar	(NWPGL)	1x6	6	6	2	0	6	0					
Rajshahi Zone Total					2179	2179	810	1249	1676	1758	91	0			
137	a) Barapukuria TPP Unit-1	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Coal Shortage		
	b) Barapukuria TPP Unit-2	Coal	(PDB)	1 x 125	125	85	0	0	0	0		85	Coal Shortage		
138	Barapukuria 275 MW TPP Unit-3	Coal	(PDB)	1 x 274	274	274	153	152	157	157		122	Coal Shortage		
139	Rangpur 20 MW GTTP	HSD	(PDB)	1 x 20	20	20	0	0	0	10					
140	Rangpur 113 MW PP (Confidence)	HFO	(IPP)	7*16x 2*3	113	113	0	113	113	113					
141	Saidpur 20 MW GTTP	HSD	(PDB)	1 x 20	20	20	0	0	0	10					
142	Majpara, Tabula 8 MW Solar PP (Sympa Power)	Solar	(IPP)	1 x 8	8	8	7	0	8	0					
Rangpur Zone Total					685	605	160	265	278	290	292	0			
Sub-total: Plants in operation					21694	21280	6782.0	9309	14021	14813	1259	1651			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6456	8861	13346	14100					
(B) Plants under long term maintenance/ contract expired															
143	Madaganj 102 PP(Summit)	HFO	(QRPP)	6x17	102	0	0	0	0	0					
144	Bogura 20 MW PP (Energysprima)	Gas	(RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020		
145	Meghnaghat 100 MW(IEI)	HFO	(QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021		
146	Khulna 115 MW PP (KPCL-2)	HFO	(QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021		
Sub-Total: Plants under long term maintenance/ contract expired					337	0	0	0	0	0					
Gross Total					22031	21280	6782	9309	14021	14813	1259	1651			
(C) Actual data of 29.07.21 (Yesterday) Thursday :															
01.	Max. Demand at eve. peak (Generation end)	:					9309.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					
02.	Max. Demand at eve. peak (Sub-station end)	:					8861.00	MW, at = 21:00 hrs		Demand MW	Supply MW	Load Shed MW		Load Shed MW	
03.	Highest Generation (Generation end)	:					9680.00	MW, at = 1:00 hrs							
04.	Minimum Generation (Generation end)	:					6682.00	MW, at = 9:00 hrs							
05.	Day-peak Generation (Generation end)	:					6782.00	MW, at = 12:00 hrs							
06.	Evening-peak Generation (Generation end)	:					9309.00	MW, at = 21:00 hrs							
07.	Evening Peak Load-shed (Sub-station end)	:					0.00	MW, at = 21:00 hrs							
08.	Minimum Generation Forecast up to 8.00 hrs.	:					6958.00	MW, at = 5:00 hrs							
09.	Generation shortfall at evening peak due to :	:													
	a) Gas limitation	:					856	MW							
	d) Coal supply Limitation	:					292	MW							
	b) Low water level in Kaptai lake	:					111	MW							
	c) Plants under shut down/ maintenance	:					1651	MW							
10.	Total Energy (Generation + India Import)	:					192.09	MKWh							
	By Gas =	:					133.969	MKWh							
	By Coal =	:					11.788	MKWh							
	By Solar=	:					0.282	MKWh							
11.	Total Gas Supplied	:					1130.01	MMCFD							
(D) Forecast of 30.07.21 (Today) Friday :															
01.	Maximum Demand	:					9500	MW							
02.	Maximum Generation	:					14813	MW							
03.	Maximum Shortage	:					-5313	MW							
04.	Maximum Load-shed	:					0	MW							
05.	Total Generation	:					188.51	MKWh							
06.	Probable Max. Temperature in Dhaka :	:					33.6° C								

#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Fazul Islam Shaker)
Deputy Secretary, Generation