



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: August, 2018			Day : Wednesday			Date : 29.08.18					
Probable Maximum Demand :			10800	MW	Probable Maximum Generation :			12623	MW		
Water Level of Kaptai Lake at 06:00 AM			Yesterday =	105.58	ft	Today =	105.42	ft	Rule Curve =	98.01	ft.
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.08.18 (Yesterday)		29.08.18 (Today)		28.08.18 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					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	37	37	37	37		
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0		
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	125	125	125	125	45	Gas Shortage
	d) Ghorasal ST:Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	100	100	100	100	90	Gas Shortage
2	Ghorasal CCP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	120	120	120		
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	107	104	107	107		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	60	75	60	75		
5	Tongji 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	20	20	20	20	20	Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110		
8	Horipur Power CCP	Gas (IPP)	1x235+1x125	360	360	348	353	360	360		
9	Meghnaghat CCP	Gas (IPP)	2x140+1x170	450	450	430	450	450	450		
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	100	100	100	100		
11	Horipur 412MW CCP	Gas (EGCB)	1x273+1x139	412	412	345	345	412	412		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	100	180	155	155	30	Gas Shortage
13	Siddhirganj CCP-335 MW GT	Gas (EGCB)	1 x 217	217	217	213	217	217	217		
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100		
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	100	100	100		
16	Paglia (DPA)	HSD (QRPP)	100x0.5	50	50	0	0	50	50		
17	Meghnaghat CCP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	305	305		
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100		
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	64	84	84		
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	10	47	55	55		
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	50	100	100		
22	Gagnagar (Oron)	HFO (IPP)	12x8.924	102	102	7	32	102	102		
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22		
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	43	43	43		
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
26	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	28	28	33	33		
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	16	8	43	43		
28	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149		
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	40	40	40	40		
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	18	54	54	54		
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	147	258	300	300		
32	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	102	139	150	150		
33	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	300	300		
34	Bramhangoan 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
35	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
36	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55		
37	Northern 55 MW	HFO (IPP)	3x19.3	55	55	35	56	55	55		
38	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	8	8		
Dhaka Zone Total				6084	5848	2671	3355	4854	4869	365	0
39	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	159	202	204	204		
40	a) Chittagong ST:Unit-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
	b) Chittagong ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage
41	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	16	16	16		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	44	50	40	48		
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage
44	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	50	50	135	135		
45	Sikalbaha 225 MW CCP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	206	204	205	225		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	51	42	40	50		
47	Julda (Accorn)	HFO (QRPP)	8x13.45	100	100	80	80	80	80		
48	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	15	49	50	50		
49	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	67	80	80		
50	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19		
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	36	30	35		
51	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	80	93	92	100		
Chattogram Zone Total				1641	1561	706	908	991	1042	400	0
52	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	90	100	100	100		
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	90	120	130		
	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	37	30	42	43		
54	Ashuganj CCP 225 MW	Gas (APSCL)	1x142+1*75	221	221	194	190	225	225		
55	Ashuganj CCP(South)	Gas (APSCL)	1x360	360	360	261	261	360	360		
56	Ashuganj CCP(North)	Gas (APSCL)	1x360	360	360	360	360	360	360		
57	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	10	10	20	20		
58	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	53		
59	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	78	78	78	78		
60	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	40	45	40	45		
61	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	85	85	85		
62	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50		
63	Chandpur CCP	Gas (PDB)	1X106+1x57	163	163	100	100	0	0		
64	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
65	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11		
66	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33		
67	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	52	52		
68	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21		
69	Daudkandi 200 MW	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	200	200		
**	Tripura	India		160	160	110	150	121	165		
Cumilla Zone Total				2601	2541	1549	1607	1895	2053	0	0
70	RPCL CCP	Gas (IPP)	4x35+1x70	210	202	146	156	105	105		
71	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22		
72	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	90	95	95		
73	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	161	175	175	175		
74	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.8	0	2	0		
Mymensingh Zone Total				530	522	335.8	443	399	397	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.08.18 (Yesterday)		29.08.18 (Today)		28.08.18 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	56	58	60	60				
76	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	51	62	60	60				
77	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	32	31	31	31				
78	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	50				
79	Kushiera 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
80	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
81	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	61	57	66	66				
82	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	198	191	220	220				
83	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	86	86	86				
84	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	44	47	47				
85	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	80	130	130				
86	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	19	19				
87	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	44	48	44	44				
88	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	9	9	9	9				
89	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	22	16	23	23				
90	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	290	290	320				
Sylhet Zone Total				1594	1549	1132	1212	1303	1339	0	0		
91	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	48				
92	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	330	414	410	410				
93	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	38	0	40				
94	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	74	40	85				
95	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
96	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	10	92	94	94				
97	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	66	99	99	99				
98	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	0	0	0			Contract expired	
99	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	96	92	92				
100	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	16	0	24	24				
**	Bheramara HVDC Interconnector	India		500	500	483	490	489	489				
Khulna Zone Total				1783	1769	905	1303	1248	1606	0	0		
101	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	24	0	20				
102	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	96	110	110				
103	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	18	39	33	33				
104	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	120	120				
105	Bhola Agreko 95 MW	Gas (QRPP)		95	95	96	96	95	95				
Barishal Zone Total				472	462	314	375	358	378	0	0		
106	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	21.09.18
107	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	50	50				
108	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	42	48	48				
109	Amnura	HFO (QRPP)	7x7.79	50	50	40	50	50	50				
110	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	90	100	100				
111	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	48	47	47				
112	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
113	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	34	0	34				
114	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	183	218	220	220				
115	Sirajganj CCGP 2	HSD (NWPGL)	1x150 + 1x75	220	220	182	220	220	220				
	Sirajganj Unit-3 225MW	Gas (NWPGL)				0	0	0	0			On Test	
116	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
117	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
118	Ulapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
119	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	16	51	42	42				
Rajshahi Zone Total				1133	1123	514	896	870	904	71	100		
120	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.09.18
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	60	0	0	0	85		Coal Shortage	
121	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	0	0	0	0	274		Coal Shortage	
122	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	13	17	17				
123	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	18	18				
Rangpur Zone Total				564	484	60	28	35	35	359	85		
Sub-total: Plants in operation				16402	15859	8187	10127	11953	12623	1195	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7735	9568	11293	11926				
Gross Total				16402	15859	8187	10127	11953	12623	1195	185		
(B) Actual data of 28.08.18 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	10127.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9568.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10127.00	MW, at = 21:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	7182.40	MW, at = 8:00 hrs		Dhaka	3222	3222	0	Mymensingh	759	759	0
05.	Day-peak Generation (Generation end)	:	8186.80	MW, at = 12:00 hrs		Chattogram	1002	1002	0	Sylhet	440	440	0
06.	Evening-peak Generation (Generation end)	:	10127.00	MW, at = 21:00 hrs		Khulna	1284	1284	0	Barishal	284	284	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1044	1044	0	Rangpur	533	533	0
08.	Generation shortfall at evening peak due to :					Cumilla	1000	1000	0	Total	9568	9568	0
	a) Gas limitation	:	836	MW		12.	Fuel cost: (a) Gas =	148313765	Taka	(c) Coal =	4751815	Taka	
	b) Low water level in Kaptai lake	:	0	MW			(b) Oil =	309945219	Taka	Total =	463010799	Taka	
	c) Plants under shut down/ maintenance	:	185	MW		13.	Maximum Temperature in Dhaka was :	33.5° C					
09.	Total Energy (Generation + India Import)	:	269.13	MKWh		14.	Export through East-West interconnections :						
	By Gas =	212.02	MKWH	By Oil =	37.22	MKWh	At evening peak-hour	-820	MW, at	21:00	hrs		
	By Coal =	0.78	MKWH	By Hydro =	4.51	MKWh	Maximum	-840	MW, at	19:00	hrs		
10.	Total Gas Supplied	:	1289.74	MMCFD			Energy	:	10.9575	MKWh			
(C) Forecast of 29.08.18 (Today) Wednesday :													
01.	Maximum Demand	:	10800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12623	MW (Generation end)	05.	Total Generation	:	287.02	MKWh				
03.	Maximum Shortage	:	-1823	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.7° C					

* Captive Power ** Imported Power

#Remarks: Highest Generation 11387MW on 18-07-2018 at 22:00

(MONIRUZZAMAN)
Deputy Secretary, Generation