



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : August, 2017			Day : Monday				Date : 28.08.17						
Probable Maximum Demand : 9800 MW			Probable Maximum Generation : 9810 MW				Rule Curve = 97.68 ft.						
Water Level of Kaptai Lake at 06:00 AM													
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Yesterday = 107.78 ft.		Today = 107.82 ft.		27.08.17 (Yesterday)		28.08.17 (Today)		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 limitation MW	Machines shut down (MW)			
(A) Plants in operation:													
1	a) Ghorasal ST:Unit -1	Gas (PDB)	1 x 55	55	40	35	35	35	35				
	b) Ghorasal ST:Unit -2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45			Gas Shortage
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	120	170	170	170				
	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	0	0	0	0			190	Under Overhauling
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	96	98	100	100				
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	42	45	45	45				
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	87	83	82	87				
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	25	34	34	35				
6	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0				
7	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40			Gas Shortage
8	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	70	97	96	97				
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	301	280	350	360	80			Gas Shortage
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	430	450	450	450				
11	Shiddirganj ST	Gas (PDB)	1 x 210	210	150	0	0	0	0	110			Gas Shortage
12	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	400	420	412	412				
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	42	38	43	45	172			Gas Shortage
	Siddhirganj CCPP-335 MW GT	Gas (EGCB)				0	0	0	0				On Test
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	40	100	100	100				
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	87	91	82	92				
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	49	48	50	50				
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	260	295	305	305				
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	80	85	90	92				
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	64	84	80	100				
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	41	41	55	55				
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	85	85	90	93				
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	83	92	90	95				
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	10	19	22				
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	58	59	58	59				
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	33	33	33	33				
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	42	42	43				
28	Kodda, Gajipur	HFO (BPDB-RPCL)	9x17.06	149	149	128	142	149	149				
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	24	40	40	40				
30	Southern Power	HFO (IPP)	3x19.3	55	55	55	55	55	55				
31	Northern 55 MW	HFO (IPP)	3x19.3	55	55	54	56	55	55				
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	90	90	90	100				COD 22.02.2017
Dhaka Zone Total				4644	4443	2965	3231	3333	3407	627	190		
33	Kaptai Hydro:Unit -1,2,3,4	Hydro (PDB)	2x40, 3x50	180	180	161	170	172	172				
34	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
35	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	17	25	25	25				
36	Patenga 50MW (Barakattullah)	HFO (IPP)	8x6.89	50	50	39	45	45	45				
37	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40			Gas Shortage
38	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	135	90	102	135				
	Sikalbaha 225 MW GT	Gas (PDB)				70	71	61	80				On Test
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	51	51	51				
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	36	80	95				
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	16	102	17	102				
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	77	0	86				
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	20	20	22				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	7	5	15				
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	91	96	90	98				
Chittagong Zone Total				1366	1286	667	790	668	926	400	0		
45	a) Ashuganj ST: Unit-2	Gas (APSCL)	1 x 64	64	53	0	0	0	0			53	Under Maintenance
	b) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0			135	Under Overhauling
	c) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	150	110	150	150				
	d) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	135	100	135	135				
46	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40				
47	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	204	186	221	221				
48	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	200	320	360	360				
49	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	220	200	0	0				
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	30	51	10	55				
51	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5				
52	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	16	16	15	16				
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	6	6	6				
54	Brahambaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	40	86	30	85				
55	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	40	0	40				
56	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	100	140	73			Gas Shortage
57	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	21	22				
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	30	33	33	33				
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	26	52	52	52				
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	22	22	22				
**	Tripura	India		100	100	114	150	121	158				
Comilla Zone Total				2405	2334	1354	1539	1332	1551	73	188		
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	102	103	104	110	99			Gas Shortage
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	82	95	95	95				COD on 29.11.16
Mymensingh Zone Total				327	319	206	220	221	227	99	0		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.17 (Yesterday)		28.08.17 (Today)		27.08.17 (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 limitation MW	Machines shut down (MW)		
65	Fenchuganj CCGP-1	Gas (PDB)	2x32+1x33	97	80	30	30	70	70					
66	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60					
67	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	33	0	0	0					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	49	44	44					
	Kushiara 163 MW Fenchuganj	Gas				109	60	109	109					
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	8	8	8					
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	67	66	66					
71	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	265	236	305	305					
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	40	86	40	86					
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	50	50	50					
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	124	119	108	135	23		Gas Shortage		
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	18	0	19	19					
76	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	7	7	7	10					
77	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	7	24	25					
78	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	285	341	341					
Sylhet Zone Total				1381	1346	1163	1064	1251	1328	23	0			
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	46	16	46					
80	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278	278	278	93	93	93	100	185		Gas Shortage		
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	0	40	33	40					
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	56	0	70					
83	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	190	238	230	230					
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	71	87	100	105					
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	97	99	99	115					
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	54	36	41	45					
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	496	501	497	498					
Khulna Zone Total				1551	1537	1041	1236	1149	1289	185	0			
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	30	29	30					
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	83	110	110	110					
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	28	19	33					
91	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	187	191	194	194					
Barisal Zone Total				377	367	287	359	352	367	0	0			
92	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					
93	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	32	32	32	32					
94	Bera Peaking	HFO (PDB)	9x8.29	71	71	48	48	46	50					
95	Amnura	HFO (QRPP)	7x7.79	50	50	32	50	50	50					
	Chapainawabganj-100 MW	HFO (PDB)				107	79	0	90			On Test		
96	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	33	20	35					
97	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	24	43	43	43					
98	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	26	25	30					
99	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	180	170	190	190	40		Gas Shortage		
	Sirajganj CCGP 2	Gas (NWPGL)				0	0	0	0			On Test		
100	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22					
101	Bogra (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	6	6	6	6					
102	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11					
103	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	42	49	52	52					
Rajshahi Zone Total				809	799	497	569	494	611	111	0			
104	a) Barapurkuria ST:Unit -1	Coal (PDB)	1 x 125	125	100	0	0	0	0		100	Under Maintenance	30.8.17	
	b) Barapurkuria ST:Unit - 2	Coal (PDB)	1 x 125	125	100	73	72	74	74					
105	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	12	0	12					
106	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	16	18					
Rangpur Zone Total				290	240	73	102	90	104	0	100			
Sub-total: Plants in operation				13150	12671	8253	9110	8890	9810	1518	478			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7858	8674	8465	9340					
(B) Plants under long term maintenance :														
1 (f)	Ghorasal ST:Unit-6	Gas (PDB)	1 x 210	210	0	0	0	0	0		0	Under repowering process	Uncertain	
33(a)	Kaptai Hydro:Unit-5	Hydro (PDB)	2x40, 3x50	50	50	0	0	0	0		50	Under Maintenance	Uncertain	
107	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	0	0	0	0		50	Contract Expired	Uncertain	
108	Ashuganj (Aggreko)	Gas (QRPP)	96x1.10	95	0	0	0	0	0		0	Contract Expired	Uncertain	
Sub-total: Plants under long term maintenance				405	100	0	0	0	0	0	100			
Gross Total				13555	12771	8253	9110	8890	9810	1518	578			
(C) Actual data of 27.08.17 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	9110.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	8674.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	9120.00	MW, at = 22:00 hrs		MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	:	6692.00	MW, at = 7:00 hrs	Dhaka	3657	3657	0	Mymensingh	652	652	0		
05.	Day-peak Generation (Generation end)	:	8253.00	MW, at = 12:00 hrs	Chittagong	919	919	0	Sylhet	375	375	0		
06.	Evening-peak Generation (Generation end)	:	9110.00	MW, at = 21:00 hrs	Khulna	873	873	0	Barisal	165	165	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	792	792	0	Rangpur	388	388	0		
08.	Generation shortfall at evening peak due to :				Comilla	853	853	0	Total	8674	8674	0		
	a) Gas limitation	:	1518	MW	12.	Fuel cost :	(a) Gas = 72675778 Taka	(c) Coal = 6718581 Taka						
	b) Low water level in Kaptai lake	:	0	MW		(b) Oil = 558462153 Taka	Total = 637856512 Taka							
	c) Plants under shut down/ maintenance	:	578	MW	13.	Maximum Temperature in Dhaka was :	32.6° C							
09.	Total Energy (Generation + India Import)	:	196.79	MKWh	14.	Export through East-West interconnections :								
	By Gas = 121.36	MKWH	By Oil = 54.84	MKWh		At evening peak-hour	:	-240	MW, at	21:00	hrs			
	By Coal = 1.73	MKWH	By Hydro = 3.83	MKWh		Maximum	:	0	MW, at	10:00	hrs			
10.	Total Gas Supplied	:	984.47	MMCFD		Energy	:	7.8675	MKWh					
(D) Forecast of 28.08.17 (Today) Monday :														
01.	Maximum Demand	:	9800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	9810	MW (Generation end)	05.	Total Generation	:	200.00	MKWh					
03.	Maximum Shortage	:	-10	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	33.1° C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 9479MW on 07-06-2017 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation