



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month : August, 2017			Day : Tuesday				Date : 29.08.17					
Probable Maximum Demand : 9800 MW			Probable Maximum Generation : 9932 MW				Rule Curve = 98.01 ft.					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 107.82 ft.		Today = 107.71 ft.		28.08.17 (Yesterday)		29.08.17 (Today)		Status of Machines under shut-down/ Maintenance	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.08.17 (Yesterday)		29.08.17 (Today)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/ water limitation MW	Machines shut down (MW)		
					Day	Evening	Day	Evening				
(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	170	0	0	0		170	Under Maintenance 01.09.17
	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 15.09.17
2	Ghorasal 100MW (Aggreko)	Gas (QRPP)	128X0.85	100	100	94	100	100	100			
3	Ghorasal 45MW (Aggreko)	Gas (QRPP)	58x0.85	45	45	45	46	45	45			
4	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	77	81	86	87			
5	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	32	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	26	97	96	97			
9	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	294	291	350	360	69		Gas Shortage
10	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	450	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	405	410	412	412			
13	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	42	40	43	45	170		Gas Shortage
	Siddhirganj CCPP-335 MW GT	Gas (EGCB)				0	0	0	0			On Test
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	34	100	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	88	70	82	92			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	45	48	50	50			
17	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	290	305	305	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	80	83	90	92			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	80	98	80	100			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	95	100	90	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	84	92	90	95			
23	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	58	58	58			
25	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	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	129	125	149	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	6	39	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	50	56	55	55			
32	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	88	99	90	100			COD 22.02.2017
Dhaka Zone Total				4644	4443	3017	3094	3167	3243	614	360	
33	Kaptai Hydro:Unit -1,2,3,4	Hydro (PDB)	2x40, 3x50	180	180	155	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	26	25	25			
36	Patenga 50MW (Barakattullah)	HFO (IPP)	8x6.89	50	50	45	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	110	82	102	130			
	Sikalbaha 225 MW GT	Gas (PDB)				70	70	0	80			On Test
39	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	42	34	51	51			
40	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	36	80	80	95			
41	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	17	102	17	102			
42	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	68	17	86			
43	Barabkunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	20	21	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			2	23	5	20			
44	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	90	90	90	98			
Chittagong Zone Total				1366	1286	602	810	625	926	400	0	
45	a) Ashuganj ST: Unit-2	Gas (APSCl)	1 x 64	64	53	0	0	0	0		53	Under Maintenance 30.08.17
	b) Ashuganj ST:Unit-3	Gas (APSCl)	1 x 150	150	135	0	0	0	0		135	Under Overhauling 18.09.17
	c) Ashuganj ST:Unit-4	Gas (APSCl)	1 x 150	150	129	150	130	150	150			
	d) Ashuganj ST:Unit-5	Gas (APSCl)	1 x 150	150	134	135	135	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	185	185	221	221			
48	Ashuganj CCPP(South)	Gas (APSCl)	1x360	360	360	361	320	360	360			
49	Ashuganj CCPP(North)	Gas (APSCl)	1x361	360	360	0	120	105	360			
50	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	53	55	56	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	53	17	15	17			
53	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	6	6	6	6			
54	Brahambaria (Aggreko)	Gas (QRPP)	86x1.10	85	85	85	86	52	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	18	19	21	22			
58	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
59	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	30	31	33	33			
60	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52			
61	Summit Power, Comilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	22	22	22	22			
**	Tripura	India		100	100	116	156	121	158			
Comilla Zone Total				2405	2334	1360	1520	1505	1912	73	188	
62	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	100	105	104	110	97		Gas Shortage
63	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22			
64	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	95	95	95	95			COD on 29.11.16
Mymensingh Zone Total				327	319	215	222	221	227	97	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.08.17 (Yesterday)		29.08.17 (Today)		28.08.17 (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	60	60	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	0	0	0	0					
68	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	50	44					
	Kushiara 163 MW Fenchuganj	Gas				109	109	109	109					
69	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
70	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	64	66	66	66					
71	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	156	163	305	210					
72	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	86	89	40	86					
73	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	48	50	50	50					
74	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	127	128	119	135	14		Gas Shortage		
75	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	11	18	19	18					
76	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	5	7	7	10					
77	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	16	25	24	25					
78	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	275	300	341	341					
Sylhet Zone Total				1381	1346	1071	1133	1268	1232	14	0			
79	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	30	16	46					
80	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278	278	278	92	91	93	100	187		Gas Shortage		
81	Faridpur Peaking	HFO (PDB)	8x6.89	54	54	22	46	33	46					
82	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	73	0	70					
83	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	237	230	230					
84	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	67	86	100	105					
85	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	115	115	115	115					
86	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	36	43	41	45					
87	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	40	40	40					
**	Bheramara HVDC Interconnector	India		500	500	492	494	494	498					
Khulna Zone Total				1551	1537	848	1255	1162	1295	187	0			
88	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	27	29	30					
89	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	110	110	110	110					
90	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	23	19	33					
91	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	185	193	194	194					
Barisal Zone Total				377	367	309	353	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	41	47	46	50					
95	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50					
	Chapainawabganj-100 MW	HFO (PDB)				107	105	0	105			On Test		
96	Katakali Peaking	HFO (PDB)	6x8.7	50	50	14	30	20	35					
97	Katakali (Northern)	HFO (QRPP)	6x8.9	50	50	25	43	43	43					
98	Santahar Peaking	HFO (PDB)	6x8.7	50	50	25	31	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	50	52	52					
Rajshahi Zone Total				809	799	510	597	494	626	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	71	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	16	16	18					
Rangpur Zone Total				290	240	71	100	90	104	0	100			
Sub-total: Plants in operation				13150	12671	8003	9084	8884	9932	1496	648			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7595	8621	8431	9426					
(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	8003	9084	8884	9932	1496	748			
(C) Actual data of 28.08.17 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	9084.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	8621.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	9084.00	MW, at = 22:00 hrs		MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	:	7237.00	MW, at = 7:00 hrs	Dhaka	3507	3507	0	Mymensingh	656	656	0		
05.	Day-peak Generation (Generation end)	:	8003.00	MW, at = 12:00 hrs	Chittagong	996	996	0	Sylhet	405	405	0		
06.	Evening-peak Generation (Generation end)	:	9084.00	MW, at = 21:00 hrs	Khulna	851	851	0	Barisal	165	165	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	778	778	0	Rangpur	394	394	0		
08.	Generation shortfall at evening peak due to :				Comilla	869	869	0	Total	8621	8621	0		
	a) Gas limitation	:	1496	MW	12.	Fuel cost :	(a) Gas = 72013500 Taka	(c) Coal = 6835765 Taka						
	b) Low water level in Kaptai lake	:	0	MW		(b) Oil = 617196227 Taka	Total = 696045492 Taka							
	c) Plants under shut down/ maintenance	:	748	MW	13.	Maximum Temperature in Dhaka was :	33.2° C							
09.	Total Energy (Generation + India Import)	:	199.09	MKWh	14.	Export through East-West interconnections :								
	By Gas = 121.24	MKWH	By Oil = 57.32	MKWh		At evening peak-hour	:	-200	MW, at	21:00	hrs			
	By Coal = 1.76	MKWH	By Hydro = 3.86	MKWh		Maximum	:	-80	MW, at	16:00	hrs			
10.	Total Gas Supplied	:	981.35	MMCFD		Energy	:	7.8675	MKWh					
(D) Forecast of 29.08.17 (Today) Tuesday :														
01.	Maximum Demand	:	9800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	9932	MW (Generation end)	05.	Total Generation	:	199.00	MKWh					
03.	Maximum Shortage	:	-132	MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	32.6° C						

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

(MONIRUZZAMAN)
Deputy Secretary, Generation