



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month: JUNE, 2018		Day: Friday				Date: 29.06.18						
Probable Maximum Demand : 10000 MW		Probable Maximum Generation : 12503 MW				Rule Curve = 83.46 ft.						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 102.57 ft		Today = 102.49 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.06.18 (Yesterday)		29.06.18 (Today)		28.06.18 (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 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	45		Gas Shortage
	c) Ghorasal ST:Unit-3	Gas (PDB)	1 x 210	210	170	120	120	120	120	50		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	0	0	0	0	190		Gas Shortage
2	Ghorasal CAPP-Unit-7	Gas (PDB)	1x254+1x126	365	365	363	350	365	365			
3	Ghorasal (Regent)	Gas (IPP)	34x3.35	108	108	87	88	100	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	74	76	78	78			
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Under Maintenance 10.07.18
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	98	98			
8	Horipur Power CAPP	Gas (IPP)	1x235+1x125	360	360	151	271	360	360			
9	Meghnaghat CAPP	Gas (IPP)	2x140+1x170	450	450	420	400	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
11	Horipur 412MW CAPP	Gas (EGCB)	1x273+1x139	412	412	390	365	412	412			
12	Shiddirganj GT-Unit-1&2	Gas (EGCB)	2 x 105	210	210	99	0	0	0			
13	Siddirganj CAPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	160	170	200	200			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	10	89	93	93			
16	Pagla (DPA)	HSD (QRPP)	100x0.5	50	50	11	51	50	50			
17	Meghnaghat CAPP (Summit)	HSD (IPP)	2x110+1x110	305	305	140	145	150	305			
18	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	11	92	100	100			
19	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	48	52	102	102			
20	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
21	Keranigonj (Powerpac)	HFO (QRPP)	8x13.45	100	100	70	100	100	100			
22	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	7	64	102	102			
23	Narshingdi (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	0	22			
24	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	57	56	58	58			
25	Summit Power, Maona	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33			
26	Summit Power, Rugganj	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33			
27	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	42	50	52	52			
28	Kodda, Gazipur	HFO (BPDB-RPCL)	9x17.06	149	149	98	149	0	149			
29	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	39	39	40	40			
30	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
31	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	201	303	150	300			
	APR Energy, Keranigonj	HSD (IPP)				0	0	0	0			On Test
	Aggreco, Bramhangonj	HSD (IPP)				0	0	0	0			On Test
	Aggreco Aurahati 100MW	HSD (IPP)				0	32	106	106			On Test
32	Southern Power	HFO (IPP)	3x19.3	55	55	36	55	55	55			
33	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	56	55	55			
34	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	75	75	100	100			
Dhaka Zone Total				5435	5199	2995	3479	3808	4292	620	105	
35	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	168	168	169	169			
36	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
37	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	16	25	25			
38	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	37	45	44	44			
39	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40		Gas Shortage
40	Shikalbaha Peaking GT	HSD (PDB)	1 x 150	150	150	135	135	60	135			
41	Sikalbaha 225 MW CAPP (Dual Fuel)	HSD (PDB)	1 x 150+1 x 75	225	225	201	197	225	225			
42	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	14	42	51	51			
43	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	80	80	80	80			
44	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	0	74	74			
45	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	64	68	68			
46	Barabkunda (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	16	16	16	16			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34	2	2	23	15	23	15			
47	Chittagong (ECPV)	HFO (IPP)	16x7.00	108	108	99	98	103	103			
Chittagong Zone Total				1641	1561	768	884	930	1013	400	0	
48	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	100	150	150			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	10	100	100	100			
49	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	39	39	39	39			
50	Ashuganj CAPP 225 MW	Gas (APSCL)	1x142+1x75	221	221	157	164	225	225			
51	Ashuganj CAPP(South)	Gas (APSCL)	1x360	360	360	265	305	360	360			
52	Ashuganj CAPP(North)	Gas (APSCL)	1x361	360	360	368	305	360	360			
53	Ashuganj (Precision)	Gas (RPP)	15x4	55	55	0	0	0	0			
54	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	10	5	10	10			
55	Ashuganj Modular 195 MW	Gas (IPP)	20x9.73+1x11.6	195	195	78	78	78	195			
56	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
57	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	85	86	85	85			
58	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	48			
59	Chandpur CAPP	Gas (PDB)	1X106+1x57	163	163	30	101	100	100			
60	Feni (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	19	19	19			
61	Feni, Mohipal (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	8	11			
62	Jangalia (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33			
63	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	14	52	52			
64	Summit Power, Comilla	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	14	18	22	22			
65	Daudkandi 200 MW	HSD (IPP)	8x1.4+4x0x1.515+15x1.05	200	200	0	120	0	200			
**	Tripura	India		160	160	128	168	124	164			
Comilla Zone Total				2601	2541	1397	1717	1816	2224	135	0	
66	RPCL CAPP	Gas (IPP)	4x35+1x70	210	202	61	47	97	100	155		Gas Shortage
67	Tangail (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	20	22	22			
68	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	8	95	95	95			
	United Mymensingh PPL	HFO (IPP)				150	174	150	185			On Test
69	Sarishbari Solar Plant	Solar (IPP)	12x8.924	3	3	2.9	0	2	0			
Mymensingh Zone Total				330	322	238.9	336	366	402	155	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.06.18 (Yesterday)		29.06.18 (Today)		28.06.18 (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 limitation MW	Machines shut down (MW)		
70	Fenchuganj CAPP-1	Gas (PDB)	2x32+1x33	97	70	58	60	58	58				
71	Fenchuganj CAPP-2	Gas (PDB)	2x35+1x35	104	90	60	62	62	62				
72	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
73	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	50	50				
74	Kushiera 163 MW CAPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
75	Hobiganj (Confidence-EP)	Gas (SIIP, REB)	4x2.90	11	11	8	11	8	8				
76	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	54	61	50	60				
77	Shajibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	190	196	330	330				
78	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	85	86	86	86				
79	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	50	50				
80	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	80	78	80	100				
81	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	0				
82	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	43	44	45	45				
83	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	11	10	10				
84	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	22	23	23	23				
85	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	320	341	341				
Sylhet Zone Total				1594	1549	1152	1262	1407	1437	0	0		
86	Bheramara GT:Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
87	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	3	167	250	365				
88	Faridpur Peaking	HFO (PDB)	6x6.89	54	54	0	49	36	47				
89	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	60	78	78				
90	Khulna CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	170	225	225				
91	Khulna (KPCL-I)	HFO (IPP)	19x6.5	110	110	69	64	110	110				
92	Khulna (KPCL-II)	HFO (QRPP)	7x17	115	115	16	104	99	99				
93	Khulna (Aggreko) 55MW	HSD (QRPP)	71x0.85	55	55	0	53	0	54				
94	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	79	80	80				
95	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	33	40	40				
**	Bheramara HVDC Interconnector	India		500	500	473	473	463	470				
Khulna Zone Total				1783	1769	721	1252	1381	1600	0	0		
96	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
97	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	32	96	110	110				
98	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	17	38	30	30				
99	Bhola CAPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	189	193	194	194				
100	Bhola Aggreko 95 MW	Gas (QRPP)		95	95	94	97	95	95				
Barisal Zone Total				472	462	332	424	429	459	0	0		
101 a)	Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
101 b)	Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under Maintenance	20.07.18
102	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	43				
103	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	37	0	38				
104	Amnura	HFO (QRPP)	7x7.79	50	50	40	33	43	43				
105	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	33	100	100	102				
106	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	44	46	46				
107	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	25	43	43	43				
108	Santalar Peaking	HFO (PDB)	6x8.7	50	50	0	42	42	43				
109	Sirajganj CAPP 1	Gas (NWPGL)	1x150+1x75	210	210	135	135	215	215				
110	Sirajganj CAPP 2	HSD (NWPGL)	1x150 + 1x75	220	220	219	189	220	220				
	Sirajganj Unit-3 225MW	HSD (NWPGL)				0	0	0	0			On Test	
111	Bogra (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
112	Bogra (Engergyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	11	12	12				
113	Ullapara (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
114	Rajshahi 52 MW	HFO (IPP)	6x8.92	52	52	8	43	43	43				
Rajshahi Zone Total				1133	1123	500	753	797	881	71	100		
115 a)	Barapukuria ST:Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	07.07.18
115 b)	Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	70	60	0	0				
116	Barapukuria ST:Unit - 3	Coal (PDB)	2 x 274	274	274	114	159	160	160				
117	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	16	0	17				
118	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	17	18	18				
Rangpur Zone Total				564	484	184	252	178	195	0	85		
Sub-total: Plants in operation				15553	15010	8288	10359	11112	12503	1381	290		
Available Power at Sub-station end excluding PS auxiliary use and Transmission loss						7745	9680	10384	11683				
Gross Total				15553	15010	8288	10359	11112	12503	1381	290		
(B) Actual data of 28.06.18 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	10359.00	MW, at = 21:00 hrs	11.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9680.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10359.00	MW, at = 21:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	6793.40	MW, at = 7:00 hrs	Dhaka	3497	3497	0	Mymensingh	644	644	0	
05.	Day-peak Generation (Generation end)	:	8287.90	MW, at = 12:00 hrs	Chittagong	927	927	0	Sylhet	456	456	0	
06.	Evening-peak Generation (Generation end)	:	10359.00	MW, at = 21:00 hrs	Khulna	1284	1284	0	Barisal	262	262	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1069	1069	0	Rangpur	627	627	0	
08.	Generation shortfall at evening peak due to :				Comilla	914	914	0	Total	9680	9680	0	
a)	Gas limitation	:	1381	MW	12.	Fuel cost :	(a) Gas = 96176496	Taka	(c) Coal = 9625472	Taka			
b)	Low water level in Kaptai lake	:	0	MW		(b) Oil = 452900654	Taka	Total = 558702622	Taka				
c)	Plants under shut down/ maintenance	:	290	MW	13.	Maximum Temperature in Dhaka was :	33.8° C						
09.	Total Energy (Generation + India Import)	:	208.30	MKWh	14.	Export through East-West interconnections :							
	By Gas = 128.04	MKWH	By Oil = 57.09	MKWh		At evening peak-hour	: -820	MW, at	21:00	hrs			
	By Coal = 4.73	MKWH	By Hydro = 3.84	MKWh		Maximum	: -820	MW, at	21:00	hrs			
10.	Total Gas Supplied	:	1084.73	MMCFD		Energy	:	7.1910	MKWh				
(C) Forecast of 29.06.18 (Today) Friday :													
01.	Maximum Demand	:	10000	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	12503	MW (Generation end)	05.	Total Generation	:	201.08	MKWh				
03.	Maximum Shortage	:	-2503	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.8° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 10958MW on 28-05-2018 at 21:00

(MONIRUZAMAN)
Deputy Secretary, Generation