POWER GRID COMPANY OF BANGLADESH LTD. QF-LDC-07

SUMMARY OF DAILY ELECTRICITY GENERATION

Month : May-2015 **Day :** Sunday **Date :** 10-May-15

Probable Maximum Generation : (a) At Day Peak Hour : **5129** MW (b) At Evening Peak Hour : **7920** MW

Water Level of Kaptai Lake at 06:00 AM (ft) (a) Yesterday : **82.85** ft (b) Today: **82.60** ft (c) Rule Curve: **80.29**

Sl.	Name of the Power Station	Fuel	Producer	Installed Capacity	Present Capacity	Actual Generation On 9-May-15 Day Peak	Actual Generation On 9-May-15 Ev. Peak	Available Geneneration On 10-May-15 Day Peak	Available Geneneration On 10-May-15 Ev. Peak	Ev. Peak Gen.Shortage for Fuel Limitation	Ev. Peak Gen.Shortage for Plants S/D or M/C prob.	Plants under Shut down (Date) / Remarks	Probable Start up Date
				MW	MW	MW	MW	MW	MW	MW	MW		
1a	Ghorasal ST: Unit-1, 2	Gas	PDB	2*55	110	85	80	78	78	80		7		
1b	Ghorasal ST: Unit-3	Gas	PDB	1*210	210	170	175	175	110	175				
1c	Ghorasal ST: Unit-4	Gas	PDB	1*210	210	180	0	0	0	0		180	5/1/2015	5/6/2015
1d	Ghorasal ST: Unit-5	Gas	PDB	1*210	210	190	190	190	170	190				
1e	Ghorasal ST: Unit-6	Gas	PDB	1*210	210	190	0	0	0	0		190	#6 (18/07/2010)	Long term maint.
2	Ghorashal 100MW(Aggreko)	Gas	QRPP	128*0.85	100	100	82	93	65	100				
3	Ghorashal 45MW (Aggreko)	Gas	QRPP	58*0.85	45	45	41	41	24	45				
4	Ghorashal 78.5MW (MAX)	Gas	QRPP	4*21.5	78	78	0	0	0	0			Contract date expired 26/05/2014	
5	Ghorashal (Regent)	Gas	IPP	34*3.35	108	108	52	51	13	51		57	Machine problem	
6	Haripur GT: Unit-1, 2, 3	Gas	PDB	3*32	96	60	40	50	50	50		10		
7	Haripur 412 MW CCPP	Gas	EGCB	*273+1*138	412	412	411	417	418	412				
8	Haripur NEPC (HFO)	HFO	IPP	8*15	110	110	0	68	0	96		15	1 Engine problem	
9	Haripur Power CCPP	Gas	IPP	*235+1*125	360	360	343	350	352	350				
10	Meghnaghat CCPP	Gas	IPP	*150+1*150	450	450	277	277	260	280		173	ST (21/04/2014)	Unknown
11	Meghnaghat (IEL)	HFO	RPP	12*8.9	100	100	7	86	7	86		13	1 Engine problem	
12	Meghnaghat CCPP(Summit)	HSD	IPP	*110+1*110	203	203	0	110	312	203				
13	Madanganj (Summit)	HFO	QRPP	6*17	102	100	30	100	14	100				
14	Keraniganj (Powerpac)	HFO	RPP	8*13.45	100	100	10	103	21	100				
15	Narshingdi (Doreen)	Gas	SIPP,REB	8*2.90	22	22	17	17	0	17		6	2 Machine problem	
16a	Siddhirgonj ST	Gas	PDB	1*210	210	150	105	100	105	105		50		
16b	Siddhirgonj GT: Unit-1& 2	Gas	EGCB	2*105	210	210	202	213	150	210				
17	Siddhirganj (Desh)	HSD	QRPP	96*1.2	96	98	0	0	0	90		8		
18	Siddhirganj (Dutch Bangla)	HFO	RPP	12*8.9	100	100	8	93	40	93				
19	Pagla (DPA)	HSD	QRPP	100*0.5	50	50	10	10	0	50				
20	Gagnagar (Orion)	HFO	IPP	12*8.924	102	102	25	95	35	102				
21	Katpotti 51 MW	HFO	IPP	7*7.9	51	51	0	45	0	45		6		
22	Summit Power, Dhaka	Gas	SIPP,REB	7+2*6.97+1	146	146	118	123	107	123			Synchronized at 33KV	
23	Gazipur (RPCL)	HFO	IPP	6*8.9	52	52	40	43	26	43		13	1 Engine problem	
24	Tongi GT	Gas	PDB	1* 105	105	105	60	70	60	70		35		
	Dhaka Area Total				***4358***	***4127***	***2323***	***2998***	***2417***	***3266***	***0***	***763***		
25a	Chittagong ST: Unit-1	Gas	PDB	1*210	210	180	0	0	0	0	180		30/04/2015	unknown
25b	Chittagong ST: Unit-2	Gas	PDB	1*210	210	180	120	120	120	120	60			
26	Raozan 25 MW (RPCL)	HFO	IPP	3*8.9	25	25	17	17	9	26				
27	Patenga 50MW (Barakatullah	HFO	IPP	8*6.89	50	50	25	37	30	45				
28	Kaptai Hydro: Unit-1,2,3,4, 5	Hydro	PDB	2*40, 3*50	230	230	44	43	30	80				
29a	Sikalbaha ST	Gas	PDB	1*60	60	40	0	0	0	0		40	27/4/2015	Unknown
29b	Sikalbaha Peaking GT	Gas	PDB	1*150	150	150	130	80	50	80				
30	Sikalbaha (Energis)	HFO	RPP		35	35	16	42	0	42				
31	Hathazari peaking	HFO	PDB	11*8.9	98	98	0	26	0	88		10	1 Engine problem	
32	Dohazari-Kalaish Peaking	HFO	PDB	6*17	102	102	0	0	0	102				
33	Juldah (Acorn)	HFO	QRPP	8*13.45	100	100	50	100	40	100				
34	Barabkunda (Regent)	Gas	SIPP,PDB	8*2.90	22	22	16	19	19	19		3	Synchronized at 33KV, 1 Machine problem	
35	Malancha, Ctg. EPZ (United)	Gas		5*8.73+3*9.34			4	28	1	28				
36	Chittagong ECPV 108 MW	HFO	IPP		108	108	18	92	27	100		13		
	Chittagong area Total				***1400***	***1320***	***440***	***604***	***326***	***830***	***240***	***66***		
37a	Ashuganj ST: Unit- 1 & 2	Gas	APSCL	2*64	128	97	50	50	50	50		47	#1(28/04/2015)	Unknown
37b	Ashuganj ST: Unit- 3	Gas	APSCL	1*150	150	135	130	130	130	130				
37c	Ashuganj ST: Unit- 4	Gas	APSCL	1*150	150	129	140	140	130	140				
37d	Ashuganj ST: Unit- 5	Gas	APSCL	1*150	150	134	135	135	125	135				
37e	Ashuganj CCPP 225 MW	Gas	APSCL				150	147	100	0			On test	
37f	Ashuganj : GT-2	Gas	APSCL	1*56	56	40	0	0	0	0		40	Under maint.	Unknown
37g	Ashuganj Engines	Gas	APSCL	14*3.968	53	45	30	30	10	30		15	Machine problem	
38	Ashuganj (Precision)	Gas	RPP	15*4	55	55	5	30	10	30	25			
39	Ashuganj (Aggrekko)	Gas	QRPP	96*1.10	95	95	33	43	11	43	52			
40	Ashuganj (United)	Gas	QRPP	14*4	53	53	20	20	10	20	33			
41	Ashuganj Modular 200 MW	Gas		20*9.73+1*16			52	108	8	0			on test	
42	Ashuganj (Midland)	Gas	IPP	6*9.34	51	51	16	16	8	16		6		
43	Brahmanbaria (Aggreko)	Gas	QRPP	86*1.10	85	85	86	42	11	42				
44	Titas (Daudkandi) Peaking	HFO	PDB	6*8.92	52	52	0	50	0	50				
45	Chandpur CCPP	Gas	PDB	1*106+1*57	163	163	142	160	160	160		3		
46	Feni (Doreen)	Gas	SIPP,PDB	8*2.90	22	22	16	17	17	17		5	1 Machine problem	
47	Feni, Mohipal (Doreen)	Gas	SIPP,REB	4*2.90	11	11	10	10	10	10				
48	Jangalia (Summit)	Gas	SIPP,PDB	4*8.73	33	33	33	33	33	33			1 Machine Problem	
49	Lakdhanvi-52 MW	HFO	(IPP)		52	52	6	52	0	52				
50	Summit Power, Comilla	Gas	SIPP,REB	*3.67+2*6.9	25	25	5	22	21	22				
	Comilla Area Total				***1384***	***1277***	***1059***	***1235***	***844***	***980***	***110***	***116***		
51	RPCL CCPP	Gas	IPP	4*35+1*70	210	202	180	208	171	202				
52	Tangail (Doreen)	Gas	SIPP, PDB	8*2.90	22	22	20	22	0	22				
	Mymensingh Area Total				***232***	***224***	***200***	***230***	***171***	***224***	***0***	***0***		
53a	Fenchuganj CCPP-1	Gas	PDB	2*32+1*33	97	80	47	46	24	46		34	Machine problem	
53b	Fenchuganj CCPP-2	Gas	PDB	2*35+1*35	104	90	44	44	36	44		50	ST Under maint.	Unknown
54	Fenchuganj (Barakatullah)	Gas	RPP	19*2.90	51	51	43	52	8	52				
55	Fenchuganj (Energyprima)	Gas	RPP	12*3.3+5*2	44	44	52	49	14	49				
56	Hobiganj (Confidence-EP)	Gas	SIPP, REB	4*2.90	11	11	8	11	0	11				
57	Shahjibazar GT: Unit- 8, 9	Gas	PDB	2*35	70	66	65	68	55	66				
58	Shahjibazar (Shahjibazar)	Gas	RPP	32*2.90	86	86	30	86	10	86				
59	Shahjibazar (Energyprima)	Gas	RPP	27*2.0	50	50	20	46	10	46				
60	Sylhet 150 MW GT	Gas	PDB	1*142	142	142	106	145	69	142				
61	Sylhet 20 MW GT	Gas	PDB	1*20	20	20	0	15	0	15				
62	Sylhet (Energyprima)	Gas	RPP	27*2	50	50	44	48	5	48				
63	Shahjahanulla 25 MW	Gas	SIPP, REB	3*9.34	25	25	15	13	0	25				
64	Summit Bibiana- 2	Gas					233	240	90	0			On test	
65	***Sylhet (Desh)***	***Gas***	***RPP***	***6*1.95***	***10***	***10***	***10***	***10***	***0***	***10***				
	Sylhet Area Total				760	725	717	873	321	640	0	84		
66	Bheramara GT: Unit- 1, 2 ,3	HSD	PDB	3X20	60	46	0	14	0	14		16	#1 ,#3 Under maint.	
67	Bheramara (Quantum)	HSD	RPP	*8.5+2*6+2*	105	105	0	0	0	0		105	contract date experid 31/12/2013	
68	Bheramara HVDC Interconnector		India		500	500	454	456	459	464				
69a	Khulna ST 110MW	HFO	PDB	1*110	110	55	0	0	0	0		55	4/11/2014	Unknown
69b	Khulna ST 60 MW	HFO	PDB	1*60			0	0	0	0			Plant retired in FY 2013-2014	
70	Khulna (KPCL-1)	HFO	IPP	19*6.5	110	110	23	106	11	110		4	1 Engine problem	
71	Khulna (KPCL-2)	HFO	QRPP	7*17	115	115	33	115	0	115				
72	Faridpur Peaking	HFO	PDB	8*6.89	54	54	34	34	12	42		10	1 Engine problem	
73	Khulna 150MW GT	HSD	NWZPGCL	1*150	158	158	120	70	60	158			Low demand	
74	Gopalganj Peaking	HFO	PDB	16*6.98	109	109	0	80	14	80		24	3 Engine problem	
75	Noapara (Quantam)	HFO	RPP	9+6*9.5+2*	101	101	0	0	0	0		101	Long term maint.	
76	Noapara (Khanjahan Ali)	HFO	QRPP	5*8.5	40	40	8	33	0	33		7	1 Engine problem	
77	***Khulna (Aggreko) 55MW***	***HSD***	***QRPP***	***71*0.85***	***55***	***55***	***0***	***0***	***0***	***40***				
	Khulna Area Total				1517	1448	672	908	556	1056	0	322		
78	Barisal GT: Unit-1, 2	HSD	PDB	2*20	40	30	0	32	0	30				
79	***Bhola (Venture)***	***Gas***	***RPP***	***1*34.50***	***33***	***33***	***28***	***36***	***26***	***33***				
	Barisal Area Total				***73***	***63***	***28***	***68***	***26***	***63***	***0***	***0***		
80a	Baghabari GT	Gas	PDB	1*71	71	71	65	69	70	69				
80ab	Baghabari GT	Gas	PDB	1*100	100	100	0	0	0	0		100	1/12/2014	Unknown
81	Baghabari Peaking	HFO	PDB	6*8.9	52	52	0	0	0	48				
82	Westmont GT, Baghabari	Gas	IPP				0	0	0	0			Plant Retired in FY 2013-2014	
83	Bera Peaking	HFO	PDB	9*8.29	71	71	0	0	0	57		14	1 Engine problem	
84	Amnura	HFO	QRPP	7*7.79	50	50	0	42	0	50				
85	Katakhali (Northern)	HFO	QRPP	6*8.92	50	50	0	42	0	42		8	2 Engine rpoblem	
86	Katakhali Peaking	HFO	PDB	6*8.7	50	50	0	44	0	44				
87	Sirajganj CCPP	Gas	NWPGCL	1*150+1*75	210	210	206	190	211	210				
88	Santahar Peaking	HFO	PDB	6*8.7	50	50	0	0	0	46				
89	Bogra (GBB)	Gas	RPP	6*4	20	22	19	22	22	22				
90	Bogra (Energyprima)	Gas	RPP	5*3.3+5*2	20	20	8	8	5	8			Machine problem	
91	Ullapara (Summit)	Gas	SIPP,REB	4*2.90	11	11	11	11	5	11			Synchronized at 33KV	
92	***Rajlanka 52 MW***	***HFO***	***IPP***	***6*8.92***	***52***	***52***	***0***	***43***	***0***	***43***			*1 Engine problem*	
	Rajshahi Area Total				*807*	*809*	*309*	*471*	*313*	*650*	*0*	122		
93a	Barapukuria ST: Unit-1	Coal	PDB	1*125	125	100	93	91	90	91		11	Machine problem	
93b	Barapukuria ST: Unit-2	Coal	PDB	1*125	125	100	69	65	65	66		35	Machine problem	
94	Rangpur GT	HSD	PDB	1*20	20	20	0	0	0	16		20		Unknown
95	Syedpur GT	HSD	PDB	1*20	20	20	0	0	0	18				
96	***Thakurgaon (RZ)***	***HSD***	***RPP***	***1.5+21*1***	***47***	***40***	***0***	***0***	***0***	***20***				
	Rangpur Area Total				***337***	***280***	***162***	***156***	***155***	***211***	***0***	***66***		
	Total				***10868***	***10273***	***5910***	***7543***	***5129***	***7920***	***350***	***1539***		
	Useable load at Substation end after deducting Auxiliary use & Transmission lo						5547	7080	4814	7432				

A. 9-May-15 (Yesterday) Saturday

1	Highest Generation :	**7543.0** MW at **20:00** hrs	11 Evening Peak Hour			**20:00** hrs.	
2	Minimum Generation :	**4808.0** MW at **6:00** hrs	12 Max. Demand (Generation end) at evening peak hour			**7543** MW	
3	Day peak Generation :	**5910.0** MW at **12:00** hrs	13 Max. Demand (Substation end) at evening peak hour			**7080** MW	
4	Evening peak Generation :	**7543.0** MW at **20:00** hrs	14 Load Shed (Substation end) at evening peak hour			**0** MW	
5	Total Energy Generation :	**143.06** MKWHr	15. Area wise Demand (S/S end), Supply (S/S end) & Load Shed (S/S end) at Evening peak hour in MW :				16 Hourly Load Shed during Evening Peak hours :
	By Gas: 110.11 MKWHr	By Oil: 17.29 MKWHr	Area	Demand	Supply	Loadshed (Duration)	Time / Loadshed
	By Coal: 3.82 MKWHr	By Hydro: 0.92 MKWHr					
6	Generation Shortfall : For Gas: 350	For Oil: 0 MW	Dhaka	2865	2865	0	Hour / MW
	For Water Shortage:	**0** MW	Chittagong	722	722	0	18:00 / 0
	For Plants S/D or M/C prob:	1539 MW	Khulna	840	840	0	18:30 / 0
7	Total Gas Supplied : **1039.66** MMCFD		Rajshahi	758	758	0	19:00 / 0
8	Fuel Cost : i) Gas : 70433331	ii) Oil : Taka 233408015	Comilla	628	628	0	19:30 / 0
	iii) Coal : Taka 14882440	Total Taka 318723786	Mymensingh	446	446	0	20:00 / 0
9	Export Through E-W Interconnectors :	i) Energy 7.867 MKWHr.	Sylhet	278	278	0	21:00 / 0
	ii) During Peak Demand : **-650** MW at 20:00 hrs		Barisal	132	132	0	22:00 / 0
	iii) Maximum : -310 MW at 9:00 hrs		Rangpur	411	411	0	23:00 / 0
10	Maximum Temperature in Dhaka was **34.0° C**		Total	7080	7080	0	

B. 10-May-15 (Today) Sunday Probable max. temperature in Dhaka **34.0° C**

Forecast

1	Maximum Demand* (Generation end)	**7750** MW	6 Total Load Shed forecast (Substation end) : 0 MW									
2	Maximum Generation (Generation end)	**7920** MW	7 Area wise Load Shed forecast (Substation end) :									
3	Shortage (Generation end)	**-170** MW	Dhaka	Chittagong	Khulna	Rajshahi	Comilla	Mymensingh	Sylhet	Barisal	Rangpur	
4	Total Energy Generation	**143** MKWHr	MW	MW	MW	MW	MW	MW	MW	MW	MW	
5	Actual Minimum Generation up to 8:00 hrs.	**4808** MW at **6:00**	0	0	0	0	0	0	0	0	0	

* Import Through HVDC C/B Interconnector :	i) Energy 10.92073 MKWHr.	
ii) During peak Demand : 456 MW at **20:00** hrs		
iii) Maximum : 456 MW at **14:00** hrs		

*Cost for HVDC energy is not usaually included in the total fuel cost.

*Demand may varies depending on the weather condition &other factor

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division