POWER GRID COMPANY OF BANGLADESH LTD.

QF-LDC-07

SUMMARY OF DAILY ELECTRICITY GENERATION

Month : Mar-2014 | Day : Tuesday | Date : 11-Mar-14

Probable Maximum Generation : (a) At Day Peak Hour : 5080 MW | (b) At Evening Peak Hour : 6470 MW

Water Level of Kaptai Lake at 06:00 AM (a) Yesterday : 88.94 ft (b) Today: 88.83 ft (c) Rule Curve: 91.40 ft

Sl.	Name of the Power Station	Fuel	Producer	Installed Capacity	Derated/ Present Capacity	Actual Generation On 10-Mar-14 Day Peak	Actual Generation On 10-Mar-14 Ev. Peak	Available Genneration On 11-Mar-14 Day Peak	Available Genneration On 11-Mar-14 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 1 & 2	Gas	PDB	2X55	110	78	73	73	82	73			
1b	Ghorasal ST 3	Gas	PDB	1x210	210	180	100	100	100	100		80	
1c	Ghorasal ST 4	Gas	PDB	1x210	210	180	180	180	180	180			
1d	Ghorasal ST 5	Gas	PDB	1x210	210	190	190	190	190	190			
1e	Ghorasal ST 6	Gas	PDB	1x210	210	190	0	0	0	0		190	#6(18/07/10) Unknown
2	Ghorashal 100 MW	Gas	QRPP 3yrs	128X0.85	100	100	3	104	102	100			
3	Ghorashal 45 MW	Gas	QRPP 3yrs	50X0.85	45	45	46	46	45	45			Synchronized at 33KV
4	Ghorashal MAX	Gas	RPP	4x19.6	78	78	78	79	79	78			
5	Ghorashal Regent												
6	Haripur SBU GT 1, 2 & 3	Gas	SBU,PDB	3x32	96	60	0	0	0	0	40	20	#1 & #2(22/10/13), #3(18/0Unkhown
7	Haripur EGCB 360 MW	Gas	EGCB		412	412	231	246	200	246	166		On test
8	Haripur NEPC	HFO	IPP	8x15	110	110	82	110	95	110			
9	Haripur P. Ltd CCPP	Gas	IPP	235+125	360	360	160	161	60	161	199		
10	Meghnaghat P Ltd CCPP	Gas	IPP	3X150	450	450	420	420	420	420	30		
11	Meghnaghat IEL	HFO	RPP	12x8.9	100	100	92	92	92	92		8	1 Machine problem
12	Meghnaghat Summit												
13	Madanganj 102 MW	HFO	QRPP 3yrs	6x17.08	102	100	81	84	81	100		16	1 Machine problem
14	Keranigani	HFO	RPP	8x14.4	100	100	103	102	71	100			
15	Narshingdi	Gas	SIPP,REB	8X2.90	22	22	13	10	15	15		12	Synchronized at 33KV, 3 Machine problem
16a	Siddhirgonj ST	Gas	PDB	1x210	210	150	0	0	0	0	150		
16b	Siddhirgonj GT-1, 2	Gas	EGCB	2x120	210	210	0	0	0	0	210		
17	Siddhirganj 100MW	HSD	QRPP 3yrs	96x1.2	96	96	60	70	50	90		6	
18	Dutch Bangla 100 MW	HFO	RPP	12x8.9	100	100	84	90	101	100			
19	DPA Power 50MW	HSD	QRPP 3yrs	100X0.5	50	50	51	50	51	50			Expired, run as per instruction of DS (Gen)
20	Gaharnagar												On test
21	Summit Power (Dhaka)	Gas	SIPP,REB		146	146	95	103	103	103			Synchronized at 33KV
22	Gazipur RPCL	HFO	IPP	6x8.9	52	52	43	43	8	43		9	1 Machine problem
23	Tongi GT	Gas	PDB	1X 105	105	105	0	0	0	0	105		
	Dhaka Area Total				***3894***	***3664***	***2185***	***2353***	***2125***	***2396***	***900***	***341***	
24a	Chittagong Raozan ST 1	Gas	PDB	1x210	210	180	0	0	0	0	180		15/08/2013 Unknown
24b	Chittagong Raozan ST 2	Gas	PDB	1x210	210	180	0	0	0	0	180		31/07/2013 Unkhown
25	Raozan 25 MW	HFO	RPCL	3x8.9	25	25	9	26	26	26			
26	Patenga 50 MW	HFO	IPP	8x6.9		50	0	0	0	0			On test
27	Kaptai Hydro unit 1,2,3,4 & 5		PDB	2X40+3X50	230	220	42	46	45	46			
28a	Sikalbaha ST	Gas	PDB	1X60	60	40	0	0	0	0	40		7/11/2013 Unknown
28b	Sikalbaha GT	Gas	PDB	1x150	150	150	0	0	0	0	150		24/01/2014 Unknown
29	Sikalbaha	HFO	RPP 3yrs	4X12.5+2X11.5	0	0	0	0	0	0			contract date expired 06/05/2013
30	Hathazari	HFO	PDB	11x8.9	98	98	0	98	0	98			
31	Doharari	HFO	PDB	6x17	102	102	0	102	0	102			
32	Julidah	HFO	RPP	8x13.45	100	100	94	94	94	94		6	
33	Barabkunda	Gas	SIPP,PDB	8X2.90	22	22	16	16	16	16		6	Synchronized at 33KV, 1 Machine problem
34	Malancha,Ctg EPZ	Gas					3	9	2	9			
	Chittagong area Total				***1207***	***1167***	***164***	***391***	***163***	***391***	***550***	***12***	
35a	Ashuganj ST 1 & 2	Gas	APSCL	2x64	128	110	90	90	50	90			
35b	Ashuganj ST 3	Gas	APSCL	1x150	150	140	140	140	140	140			
35c	Ashuganj ST 4	Gas	APSCL	1x150	150	150	140	140	140	140			
35d	Ashuganj ST 5	Gas	APSCL	1x152	150	140	140	140	140	140			
35e	Ashuganj CCPP	Gas	APSCL	2x56+34	146	91	0	0	0	0	35	16	ST(08/09/2013), #1 (06/01/2014) Unknown
35f	Ashuganj 50 MW TSK	Gas	APSCL	16x3.35	53	51	0	0	37	35			4 Machine problem
36	Ashuganj Precision	Gas	RPP 3yrs	15x4	55	55	54	56	57	55			
37	Ashuganj Aggrekko	Gas	RPP	82x1.1	80	80	78	81	79	80			
38	Ashuganj UP-53 MW	Gas	RPP	14x4	53	53	0	53	0	53			
39	Ashuganj Midland	Gas	IPP	6x8.34	51	51	45	45	44	45			
40	Brahmanbaria 70MW	Gas	QRPP 3yrs	72x1	70	70	70	71	69	70			
41	Daudkandi 50 MW	FO	PDB	6x8.92	52	52	0	49	0	50			
42	Chandpur CCPP	Gas	PDB	1x106+1x57	163	163	0	0	0	0	163		29/1/14 Unkhown
43	Feni	Gas	SIPP,PDB	8X2.90	22	22	17	17	16	17		5	1 Machine problem
44	Mahipal,Feni	Gas	SIPP,REB	4X2.90	11	11	5	9	9	9		2	Synchronized at 33KV
45	Jangalia	Gas	SIPP,PDB	4X8.73	33	33	25	25	26	25		8	Synchronized at 33KV, 1 Machine problem
46	Summit Power (Comilla)	Gas	SIPP,REB	3x3.67+2x6.97	25	25	18	20	20	20		5	Synchronized at 33KV, 1 Machine problem
	Comilla Area Total				***1392***	***1297***	***822***	***936***	***827***	***969***	***198***	***36***	
47	RPCL CCPP,Mymensingh	Gas	IPP	4X35+1x70	210	197	134	148	155	150	49		
48	Tangail	Gas	SIPP,PDB	8X2.90	22	22	14	14	14	14		8	Synchronized at 33KV, 2 Machine problem
	Mymensingh Area Total				***232***	***219***	***148***	***162***	***169***	***164***	***49***	***8***	
49a	Fenchugonj CCPP (old)	Gas	PDB	2x32+1x33	97	90	52	53	52	53		37	ST (26/02/2014) Unknown
49b	Fenchugonj CCPP (new)	Gas	PDB	2x35+1x35	104	104	89	90	90	90		14	
50	Fenchugonj BEDL	Gas	RPP 15yrs	19X2.90	51	51	41	47	47	47			
51	Fenchuganj Prima 50 MW	Gas	RPP	12x3.3+5x2	44	50	26	26	26	26		24	6 Machine problem
52	Hobiganj	Gas	SIPP,REB	4X2.90	11	11	10	10	10	10			Synchronized at 33KV
53	Shahjibazar GT 8,9	Gas	PDB	2X35	70	66	56	70	70	66			
54	Shahjibazar 86 MW	Gas	RPP 15yrs	32X2.90	86	86	78	78	78	78		8	2 Machine problem
55	Shahjibazar 50 MW	Gas	RPP 3yrs	27X2.0	50	50	47	48	48	48			
56	Sylhet 150 MW	Gas	PDB	1x150+1x75	142	142	124	143	118	142			
57	Sylhet GT	Gas	PDB	1X20	20	20	19	20	20	20			
58	Sylhet 50MW	Gas	RPP 3yrs	25x1.95	50	50	40	45	45	45			
59	Shahjahanulla 25MW	Gas	CIPP	3x8.34	25	25	6	0	11	25			
60	Sylhet 11 MW	Gas	RPP 15yrs	6X1.95	10	10	8	8	9	8		2	1 Machine problem
	Sylhet Area Total				***760***	***755***	***596***	***638***	***624***	***658***	***0***	***85***	
61	Bheramara GT 1, 2 & 3	HSD	PDB	3X20	60	46	0	30	0	0			Reserve
62	Bheramara	HSD	RPP 3yrs	(X8.5+2X6+2X	105	105	0	0	0	0		105	14 Machine problem. & oil shortage Unknown
63	HVDC C/B Interconnector		India		500	500	456	454	460	454			
64a	Khulna ST 110MW	FO	PDB	1X110	110	55	0	0	0	0		55	9/12/2013 Unknown
64b	Khulna ST 60 MW	FO	PDB	1X60	60	30	0	0	0	0		30	24/01/12 Unknown
65	KPCL ,Khulna.	HFO	IPP	19x6.5	110	110	5	108	60	110			
66	KPCL ,Khulna.(new)	HFO	IPP	7x17	115	115	83	115	99	115			
67	Faridpur	FO	PDB	8x6.69	54	54	0	50	0	50			
68	Khulna 150MW	HSD	NWZPGCL	1x150	150	150	0	0	0	150			
69	Gopalganj 110 MW	HFO	PDB	16x6.98	109	109	0	91	0	91		18	2 Machine problem
70	Noapara (105 MW)Quantam	HFO	RPP	9x5+9.5x6+9.2	101	101	0	0	0	0		101	13 Machine problem
71	Noapara (40 MW),KZA	HFO	RPP	5x8	40	40	40	40	40	40			
72	Khulna 40 MW	HSD	RPP 3yrs	50X0.80	40	40	0	0	0	0			Contact date expired 16/08/13
73	Khulna 55 MW	HSD	QRPP 3yrs	71X0.85	55	55	0	42	0	42			Expired , run as per instr. of DS (Gen)
	Khulna Area Total				***1609***	***1510***	***584***	***930***	***659***	***1052***	***0***	***309***	
74	Barisal GT 1 & 2	HSD	PDB	2X20	40	32	0	0	0	0			**Reserve**
75	Bhola	Gas	RPP 3yrs	1X34.50	33	33	0	0	0	0		33	10/8/2013 Unknown
	Barisal Area Total				***73***	***65***	***0***	***0***	***0***	***0***	***0***	***33***	
76a	Baghabari GT 1	Gas	SBU,PDB	1X71	71	71	72	72	73	71			
76b	Baghabari GT 2	Gas	SBU,PDB	1X100	100	100	95	98	100	100			
77	Baghabari 50 MW	HFO	PDB	6x8.9	52	52	0	48	40	48			
78	Baghabari Westmont	Gas	IPP	2X45	90	70	0	0	0	0		70	#1(1/5/12),#2(24/4/13) Unknown
79	Bera 70 MW	HFO	PDB	9x8.29	71	71	0	70	0	70			
80	Amnura 50 MW	HFO	RPP	7x7.79	50	50	0	50	0	50			
81	Katakhali NPS 50 MW	HFO	RPP	6x8.92	50	50	8	50	8	50			
82	Katakhali PPP 50 MW	HFO	PDB	6x8.7	50	50	0	48	0	48			
83	Sirajganj 150 MW	Gas	NWPGCL	1x150	150	150	0	0	0	0		150	3/3/2014 Unknown
84	Santahar 50 MW	HFO	PDB	6x8.7	50	50	0	46	0	46			
85	Bogra GBB	Gas	RPP 15yrs	6X4	20	22	21	21	21	21			Synchronized at 33KV
86	Bogra 20MW	Gas	RPP 3yrs	5x3.3+5x2	20	20	13	16	17	16		4	2 Machine problem
87	Summit Power (Ullapara)	Gas	SIPP,REB	4X2.90	11	11	5	6	6	8		5	Synchronized at 33KV, 1 Machine problem
88	Rajlanka 52 MW	FO	IPP		52	52	52	52	52	52			
	Rajshahi Area Total				***837***	***819***	***266***	***577***	***317***	***580***	***0***	***229***	
									87	***93***			
89a	Barapukuria ST 1	Coal	PDB	1x125	125	100	89	90	84	90		10	
89b	Barapukuria ST 2	Coal	PDB	1x125	125	100	96	97	92	97			
90	Rangpur GT	HSD	PDB	1X20	20	20	0	0	0	20			
91	Sayadpur GT	HSD	PDB	1X20	20	20	0	17	0	17			
92	Tishungaon	HSD	RPP 3yrs	20X1.5+21X1.1	47	47	0	36	0	36			expired , run as per instr. of DS (Gen)
	Rangpur Area Total				***337***	***287***	***185***	***240***	***176***	***260***	***0***	***10***	
	Total				**10341**	**9783**	**4950**	**6227.0**	**5080**	**6470**	**1697**	**1063**	
	Useable load at Substation end after deducting Auxiliary use & Transmission loss						4600	5787	4721	6013			

A. 10-Mar-14 (Yesterday) Monday

1	Highest Generation :	6227.0 MW at 19:00 hrs	11 Evening Peak Hour :			19:00	hrs.
2	Minimum Generation :	3763.0 MW at 4:00 hrs	12 Max. Demand (Generation end) at evening peak hour :			6227	MW
3	Day peak Generation :	4950.0 MW at 12:00 hrs	13 Max. Demand (Substation end) at evening peak hour :			5787	MW
4	Evening peak Generation :	6227.0 MW at 19:00 hrs	14 Load Shed (Substation end) at evening peak hour :			0	MW
5	Total Energy Generation :	113.92 MKWHr By Oil: 15.46 MKWHr	15. Area wise Demand (S/S end), Supply(S/S end) & Load Shed (S/S end) at Evening peak hour in MW :				
	By Gas: 81.93 MKWHr	By Hydro: 0.96 MKWHr	Area	Demand	Supply	Loadshed	(Duration)
	By Coal: 4.28 MKWHr		Dhaka	2222	2222	0	
6	Generation Shortfall :	For Gas 914 MMCFD For Oil: 933 MW	Chittagong	611	611	0	
		For Water Shortage: 0 MW	Khulna	692	692	0	
		For Plants S/D or M/C prob: 1063 MW	Rajshahi	677	677	0	
7	Total Gas Supplied :	806.18 MMCFD	Comilla	389	389	0	
8	Fuel Cost : i) Gas :	Taka 65078270 ii) Oil : Taka 210437320	Mymensing	402	402	0	
	iii) Coal :	Taka 16640207 Total Taka 292155797	Sylhet	300	300	0	
9	Export Through E-W Interconnectors :	i) Energy 8.915 MKWHr.	Barisal	125	125	0	
	ii) During Peak Demand :	160 MW at 19:00 hrs	Rangpur	369	369	0	
	iii) Maximum :	170 MW at 21:00 hrs	Total	5787	5787	0	
10	Maximum Temperature in Dhaka was	29.7° C					

Hourly Load Shed during Evening Peak hours : Time	Loadshed MW
18:00	0
18:30	0
19:00	0
19:30	0
20:00	0
21:00	0
22:00	0
23:00	0

B. 11-Mar-14 (Today) Tuesday Probable max. temperature in Dhaka 29.7° C

Forecast

1	Maximum Demand (Generation end)	6400	MW	6 Total Load Shed forecast (Substation end) :	0 MW
2	Maximum Generation (Generation end)	6470	MW	7 Area wise Load Shed forecast (Substation end) :	
3	Shortage (Generation end)	-70	MW		
4	Total Energy Generation	114	MKWHr		
5	Actual Minimum Generation up to 8:00 hrs.	3902	MW at 3:00		

Dhaka	Chittagong	Khulna	Rajshahi	Comilla	Mymensing	Sylhet	Barisal	Rangpur
MW	MW	MW	MW	MW	MW	MW	MW	MW
0	0	0	0	0	0	0	0	0

* Import Through HVDC C/B Interconnector : i) Energy 10.896 MKWHr.
ii) During peak Demand : 454 MW at 19:00 hrs
iii) Maximum : 461 MW at 22:00 hrs

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

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division