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

SUMMARY OF DAILY ELECTRICITY GENERATION

Month : Jun-2014 Day : Sunday Date : 22-Jun-14

Probable Maximum Generation :	(a) At Day Peak Hour : 4381 MW	(b) At Evening Peak Hour : 6846 MW	
Water Level of Kaptai Lake at 06:00 AM (ft)	(a) Yesterday : 75.63	(b) Today: 78.70	(c) Rule Curve: 81.57

Sl.	Name of the Power Station	Fuel	Producer	Installed Capacity	Derated/ Present Capacity	Actual Generation On 21-Jun-14 Day Peak	Actual Generation On 21-Jun-14 Ev. Peak	Available Generation On 22-Jun-14 Day Peak	Available Generation On 22-Jun-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	83	83	83	83			
1b	Ghorasal ST 3	Gas	PDB	1x210	210	180	0	0	0	0	180	8/5/2014	25/06/2014
1c	Ghorasal ST 4	Gas	PDB	1x210	210	180	0	0	0	0	180	16/6/14	25/06/2014
1d	Ghorasal ST 5	Gas	PDB	1x210	210	190	170	170	170	170	20		
1e	Ghorasal ST 6	Gas	PDB	1x210	210	190	0	0	0	0	190	#6 (18/07/2010)	Unknown
2	Ghorashal 100 MW	Gas	QRPP	128X0.85	100	100	99	108	100	100			
3	Ghorashal 45 MW	Gas	QRPP	50X0.85	45	45	46	46	44	45			
4	Ghorashal MAX	Gas	QRPP	4x19.6	78	78	0	0	0	0		Contract date expired 26/05/2014	
5	Ghorashal Regent	Gas	IPP	3x0.35			0	0	0	0		On test	
6	Haripur SBU GT 1, 2 & 3	Gas	PDB	3x32	96	60	0	0	0	0	40	20	#1&#2(22/10/13),#3(18/6/09)	Unkhown
7	Haripur EGCB 412 MW	Gas	EGCB	1x273+1x139	412	412	420	436	432	412			
8	Haripur NEPC	HFO	IPP	8x15	110	110	13	108	0	110			
9	Haripur P. Ltd CCPP	Gas	IPP	235+125	360	360	342	297	348	297	63		
10	Meghnaghat EU Ltd CCPP	Gas	IPP	3x150	450	450	0	0	0	0		450	21/04/2014	Unknown
11	Meghnaghat IEL	HFO	RPP	12x8.9	100	100	7	91	7	91		9	1 Machine problem	
12	Meghnaghat Summit	HSD	IPP	2x110+1x110			30	50	0	203				
13	Madanganj 102 MW	HFO	QRPP	6x17.08	102	100	45	95	12	95				
14	Keranigani	HFO	RPP	8x14.4	100	100	10	90	0	90		10	1 Machine problem	
15	Karshingdi	Gas	SIPP.REB	8X2.90	22	22	18	18	18	18		4	Synchronized at 33KV, 1 Machine problem	
16a	Siddhirgonj ST	Gas	PDB	1x210	210	150	110	110	110	110	40			
16b	Siddhirgonj GT-1, 2	Gas	EGCB	2x120	210	210	41	12	34	12	198			
17	Siddhirganj 100MW	HSD	QRPP	96x1.2	96	96	0	40	0	70		56	22 Machine problem	
18	Dutch Bangla 100 MW	HFO	RPP	12x8.9	100	100	8	100	8	100				
19	DPA Power 50MW	HSD	QRPP	10X0.5	50	50	21	22	31	45			Expired, run as per instruction of DS (Gen)	
20	Gagnagar	HFO	IPP	12*9.2			8	93	8	93				
21	Summit Power (Dhaka)	Gas	SIPP.REB		146	146	66	116	91	116			Synchronized at 33KV	
22	Gazipur RPCL	HFO	IPP	6x8.9	52	52	0	34	0	43		18	2 Machine problem	
23	Tongi GT	Gas	PDB	1X 105	105	105	0	25	30	0	80			
	Dhaka Area Total				*3894*	*3664*	*1537*	*2144*	*1526*	*2303*	*421*	*1137*		
24a	Chittagong Raozan ST 1	Gas	PDB	1x210	210	180	180	130	130	130	50			
24b	Chittagong Raozan ST 2	Gas	PDB	1x210	210	180	0	0	0	0	180		21/06/2014	Unkhown
25	Raozan 25 MW	HFO	RPCL	3x8.9	25	25	0	0	0	17				
26	Patenga 50 MW	HFO	IPP	8x6.9	50	50	6	48	0	48				
27	Kaptai Hydro unit 1,2,3,4 & 5		PDB	2X40+3X50	230	220	35	91	39	91				
28a	Sikalbaha ST	Gas	PDB	1X60	60	40	34	34	35	34				
28b	Sikalbaha GT	Gas	PDB	1x150	150	150	145	120	110	120	30			
29	Sikalbaha	HFO	RPP	4X12.5+2X11.5	0	0	0	0	0	0			expired 08/05/13 but run as per instr. Of DS (gen)	
30	Hathazari	HFO	PDB	11x8.9	98	98	0	80	0	89		18	2 Machine problem	
31	Bohazari	HFO	PDB	6x17	102	102	0	102	0	102				
32	Julidah	HFO	RPP	8x13.45	100	100	20	92	20	92		8		
33	Barabkunda	Gas	SIPP.PDB	8X2.90	22	22	13	16	15	16		6	Synchronized at 33KV, 2 Machine problem	
34	Malancha, Ctg EPZ	Gas					12	13	2	13				
	Chittagong area Total				*1257*	*1167*	*445*	*726*	*351*	*752*	*260*	*32*		
35a	Ashugani ST 1 & 2	Gas	APSCL	2x64	128	110	50	50	50	50		50	#1(20/06/2014)	23/06/2014
35b	Ashugani ST 3	Gas	APSCL	1x150	150	140	100	100	100	100		40		
35c	Ashugani ST 4	Gas	APSCL	1x150	150	150	140	140	140	140		10		
35d	Ashugani ST 5	Gas	APSCL	1x152	150	140	130	130	130	130		10		
35e	Ashugani CCPP	Gas	APSCL	2x56+34	146	91	40	40	40	40		51	#1(06/01/14)	Unknown
35f	Ashugani 50 MW TSK	Gas	APSCL	16x3.35	53	51	36	43	37	43		8	2 Machine problem	
36	Ashugani Precision	Gas	RPP	15x4	55	55	48	52	45	52				
37	Ashugani Aggrekko	Gas	RPP	82x1.1	80	80	74	82	71	80				
38	Ashugani UP-53 MW	Gas	RPP	14x4	53	53	0	0	0	0		53	18/06/2014	25/06/2014
39	Ashugani Midland	Gas	IPP	6x9.34	51	51	40	48	48	48				
40	Brahmanbaria 70MW	Gas	QRPP	72x1	70	70	71	71	71	70				
41	Daudkandi 50 MW	FO	PDB	6x8.92	52	52	0	41	0	41		11	1 Machine problem	
42	Chandpur CCPP	Gas	PDB	1x106+1x57	163	163	163	165	142	163				
43	Feni	Gas	SIPP.PDB	8X2.90	22	22	18	17	10	17		5	1 Machine problem	
44	Mahipal,Feni	Gas	SIPP.REB	4X2.90	11	11	8	8	0	8		3	Synchronized at 33KV, 1 Machine problem	
45	Jangalia	Gas	SIPP.PDB	4X8.73	33	33	33	0	0	33		33	Synchronized at 33KV	
46	Summit Power (Comilla)	Gas	SIPP.REB	3x3.67+2x6.97	25	25	10	16	9	16		9	Synchronized at 33KV, 2 Machine problem	
	Comilla Area Total				*1392*	*1297*	*961*	*1003*	*893*	*1031*	*0*	*293*		
47	RPCL CCPP, Mymensingh	Gas	IPP	4X35+1x70	210	197	181	166	174	166	31			
48	Tangail	Gas	SIPP.PDB	8X2.90	22	22	16	16	16	16		6	Synchronized at 33KV, 2 Machine problem	
	Mymensingh Area Total				*232*	*219*	*197*	*182*	*190*	*182*	*31*	*33*		
49a	Fenchugonj CCPP (old)	Gas	PDB	2x32+1x33	97	90	76	75	76	75		15		
49b	Fenchugonj CCPP (new)	Gas	PDB	2x35+1x35	104	104	85	85	85	85		19		
50	Fenchugonj BEDL	Gas	RPP	19X2.90	51	51	33	49	41	49				
51	Fenchuganj Prima 50 MW	Gas	RPP	12x3.3+5x2	44	44	47	46	46	44				
52	Hobiganj	Gas	SIPP.REB	4X2.90	11	11	5	8	5	8		3	Synchronized at 33KV, 1 Machine	
53	Shahjibazar GT 8, 9	Gas	PDB	2X35	70	66	40	40	40	66				
54	Shahjibazar 86 MW	Gas	RPP	32X2.90	86	86	60	85	30	85				
55	Shahjibazar 50 MW	Gas	RPP	27X2.0	50	50	48	48	25	48				
56	Sylhet 150 MW	Gas	PDB	1x150+1x75	142	142	119	133	97	142				
57	Sylhet GT	Gas	PDB	1X20	20	20	0	20	0	20				
58	Sylhet 50MW	Gas	RPP	29x1.95	50	50	42	44	41	44		6	3 Machine problem	
59	Shahjahanulla 25MW	Gas	CIPP	3x9.34	25	25	7	16	7	16		9	1 Machine problem	
60	Sylhet 11 MW	Gas	RPP	6X1.95	10	10	7	7	7	7		3	1 Machine problem	
	Sylhet Area Total				*760*	*749*	*569*	*656*	*500*	*689*	*0*	*55*		
61	Bheramara GT 1, 2 & 3	HSD	PDB	3X20	60	46	0	32	0	32		14	# 2 (08/06/2014)	25/06/2014
62	Bheramara	HSD	RPP	7X8.5+2X6+2X4	105	105	0	0	0	0		105	16 Machine problem	Unknown
63	HVDC C/B Interconnector		India		500	500	406	358	435	390				
64a	Khulna ST 110MW	FO	PDB	1X110	110	55	0	0	0	0		55	15/05/2014	Unknown
64b	Khulna ST 60 MW	FO	PDB	1X60	60	30	0	0	0	0		30	24/01/2012	Unknown
65	KPCL ,Khulna.	HFO	IPP	19x6.5	110	110	6	108	0	110				
66	KPCL ,Khulna.(new)	HFO	IPP	7x17	115	115	0	100	0	100		15	1 Machine problem	
67	Faridpur	FO	PDB	8x6.89	54	54	0	43	0	43		11	1 Machine problem	
68	Khulna 150MW	HSD	NWZPGCL	1x150	150	150	0	0	0	150		150	20/06/2014	22/06/2014
69	Gopalganj 110 MW	HFO	PDB	16x6.98	109	109	0	74	0	74		35	5 Machine problem	
70	Noapara (105 MW)Quantam	HFO	RPP	9x5+9.5x6+9.2x	101	101	0	0	0	0		101	13 Machine problem	
71	Noapara (40 MW),KZA	HFO	RPP	5x8	40	40	0	32	0	32		8	1 Machine problem	
72	Khulna 40 MW	HSD	RPP	50X0.80			0	0	0	0			Contact date expired 16/08/13	
73	Khulna 55 MW	HSD	QRPP	71X0.85	55	55	0	15	0	15			Expered , run as per instr. of DS (Gen)	
	Khulna Area Total				*1569*	*1470*	*412*	*762*	*435*	*946*	*0*	*524*		
74	Barisal GT 1 & 2	HSD	PDB	2X20	40	32	0	25	0	25		7		
75	Bhola	Gas	RPP	1X34.50	33	33	20	28	4	28				
	Barisal Area Total				*73*	*65*	*20*	*53*	*4*	*53*	*0*	*7*		
76a	Baghabari GT 1	Gas	SBU.PDB	1X71	71	71	69	70	65	70				
76b	Baghabari GT 2	Gas	SBU.PDB	1X100	100	100	95	96	80	96				
77	Baghabari 50 MW	HFO	PDB	6x8.9	52	52	0	38	0	38		14	1 Machine problem	
78	Baghabari Westmont	Gas	IPP	2X45	90	70	0	0	0	0		70	#2(1/5/12),#2(24/4/13)	Unknown
79	Bera 70 MW	HFO	PDB	9x8.29	71	71	0	65	0	65				
80	Amnura 50 MW	HFO	RPP	7x7.79	50	50	0	39	0	39		11	1 Machine problem	
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	45	0	45				
83	Sirajganj 150 MW	Gas	NWPGCL	1x150	150	150	70	120	110	140				
84	Santahar 50 MW	HFO	PDB	6x8.7	50	50	0	0	0	0		50	2-0 / 06 / 2014	22/06/2014
85	Bogra GBB	Gas	RPP	6X4	20	22	18	18	18	18		4	1 Machine problem	
86	Bogra 20 MW	Gas	RPP	5x3.3+5x2	20	20	17	19	18	19				
87	Summit Power (Ullapara)	Gas	SIPP.REB	4X2.90	11	11	5	11	8	11			Synchronized at 33KV	
88	Rajlanka 52 MW	FO	IPP	6*8.9	52	52	0	52	0	52				
	Rajshahi Area Total				*837*	*819*	*282*	*623*	*307*	*643*	*0*	*149*		
89a	Barapukuria ST 1	Coal	PDB	1x125	125	100	91	88	88	88		12		
89b	Barapukuria ST 2	Coal	PDB	1x125	125	100	88	89	87	89		11		
90	Rangpur GT	HSD	PDB	1X20	20	20	0	0	0	17				
91	Sayadpur GT	HSD	PDB	1X20	20	20	0	0	0	18				
92	Thakurgaon	HSD	RPP	10X1.5+21X1.1	47	47	0	10	0	35				
	Rangpur Area Total				*337*	*287*	*179*	*187*	*175*	*247*	*0*	*23*		
	Total				10351	9737	4602	6336	4381	6846	712	2253		

Useable load at Substation end after deducting Auxiliary use & Transmission loss 4049 5785 3855 6024

A. 21-Jun-14 (Yesterday) Saturday

1	Highest Generation :	6486.0 MW at 22:00 hrs	11 Evening Peak Hour :	21:00 hrs.
2	Minimum Generation :	4075.0 MW at 7:00 hrs	12 Max. Demand (Generation end) at evening peak hour :	6336 MW
3	Day peak Generation :	4602.0 MW at 12:00 hrs	13 Max. Demand (Substation end) at evening peak hour :	5785 MW
4	Evening peak Generation :	6336.0 MW at 21:00 hrs	14 Load Shed (Substation end) at evening peak hour :	0 MW
5	Total Energy Generation :	121.19 MKWHr	15. Area wise Demand (S/S end), Supply(S/S end) &	16 Hourly Load Shed during
	By Gas: 90.79 MKWHr	By Oil: 15.39 MKWHr	Load Shed (S/S end) at Evening peak hour in MW :	Evening Peak hours :
	By Coal: 4.19 MKWHr	By Hydro: 1.08 MKWHr		
6	Generation Shortfall :	For Gas: 712 MW For Oil: 0 MW		
		For Water Shortage: 0 MW		
		For Plants S/D or M/C prob: 2253 MW		
7	Total Gas Supplied :	870.47 MMCFD		
8	Fuel Cost :	i) Gas : Taka 72883098 ii) Oil : Taka 193905155		
		iii) Coal : Taka 16288654 Total Taka 283076908		
9	Export Through E-W Interconnectors :	i) Energy 7.867 MKWHr.		
	ii) During Peak Demand :	-360 MW at 21:00 hrs		
	iii) Maximum :	-110 MW at 10:00 hrs		
10	Maximum Temperature in Dhaka was	27.8° C		

Area	Demand	Supply	Loadshed (Duration)
Dhaka	2430	2430	0
Chittagong	506	506	0
Khulna	726	726	0
Rajshahi	596	596	0
Comilla	453	453	0
Mymensingh	278	278	0
Sylhet	303	303	0
Barisal	142	142	0
Rangpur	351	351	0
Total	5785	5785	0

Time	Loadshed MW
Hour	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. 22-Jun-14 (Today) Sunday Probable max. temperature in Dhaka 27.7° C

Forecast

1	Maximum Demand (Generation end)	6800	MW
2	Maximum Generation (Generation end)	6846	MW
3	Shortage (Generation end)	-46	MW
4	Total Energy Generation	121	MKWHr
5	Actual Minimum Generation up to 8:00 hrs.	3773	MW at 7:00

6 Total Load Shed forecast (Substation end) : 0 MW

7 Area wise Load Shed forecast (Substation end) :

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 9.738182 MKWHr.

ii) During peak Demand : 406 MW at 21:00 hrs

iii) Maximum : 432 MW at 1:00 hrs

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division