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

SUMMARY OF DAILY ELECTRICITY GENERATION

Month : Jun-2014 Day : Wednesday Date : 4-Jun-14

Probable Maximum Generation : (a) At Day Peak Hour : **5436** MW (b) At Evening Peak Hour : **6605** MW

Water Level of Kaptai Lake at 06:00 AM (ft) (a) Yesterday : **74.53** (b) Today: **74.44** (c) Rule Curve: **76.78**

Sl.	Name of the Power Station	Fuel	Producer	Installed Capacity		Derated/ Present Capacity	Actual Generation On 3-Jun-14 Day Peak	Actual Generation On 3-Jun-14 Ev. Peak	Available Generation On 4-Jun-14 Day Peak	Available Generation On 4-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	86	86	86	86				
1b	Ghorasal ST 3	Gas	PDB	1x210	210	180	0	0	0	0		180	8/5/2014	7/6/2014
1c	Ghorasal ST 4	Gas	PDB	1x210	210	180	180	180	180	180				
1d	Ghorasal ST 5	Gas	PDB	1x210	210	190	190	0	0	0		190	3/6/2014	10/6/2014
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	105	98	100				
3	Ghorashal 45 MW	Gas	QRPP	50X0.85	45	45	45	46	45	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	34x3.35			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(18/6/0	Unkhown
7	Haripur EGCB 360 MW	Gas	EGCB	1x273+1x139	412	412	434	445	65	412				
8	Haripur NEPC	HFO	IPP	8x15	110	110	95	95	95	110		15	1 Machine problem	
9	Haripur P. Ltd CCPP	Gas	IPP	235+125	360	360	116	305	344	305	55			
10	Meghnaghat P.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	91	99	99	99				
12	Meghnaghat Summit	HSD	IPP	2x110+1x110			103	208	100	208				
13	Madanganj 102 MW	HFO	QRPP	6x17.08	102	100	95	97	94	100				
14	Keraniganj	HFO	RPP	8x14.4	100	100	90	90	90	90		10		
15	Narshingdi	Gas	SIPP,REB	8X2.90	22	22	17	20	18	20			Synchronized at 33KV	
16a	Siddhirgonj ST	Gas	PDB	1x210	210	150	110	105	105	105	45			
16b	Siddhirgonj GT-1, 2	Gas	EGCB	2x120	210	210	0	0	60	0	210			
17	Siddhirganj 100MW	HSD	QRPP	96x1.2	96	96	49	57	54	57		39	31 Machine problem.	
18	Dutch Bangla 100 MW	HFO	RPP	12x8.9	100	100	101	100	100	100				
19	DPA Power 50MW	HSD	QRPP	100X0.5	50	50	42	44	41	44			Expired, run as per instruction of DS (Gen)	
20	Gaharnagar						23	0	0	0			On test	
21	Summit Power (Dhaka)	Gas	SIPP,REB		146	146	91	100	116	100			Synchronized at 33KV	
22	Gazipur RPCL	HFO	IPP	6x8.9	52	52	0	43	34	43		9	1 Machine problem	
23	Tongi GT	Gas	PDB	1X 105	105	105	0	0	0	0	105			
	Dhaka Area Total				***3894***	***3664***	***2057***	***2225***	***1824***	***2204***	***455***	***1103***		
24a	Chittagong Raozan ST 1	Gas	PDB	1x210	210	180	100	100	100	100	80			
24b	Chittagong Raozan ST 2	Gas	PDB	1x210	210	180	100	90	90	90	90			
25	Raozan 25 MW	HFO	RPCL	3x8.9	25	25	26	26	26	26				
26	Patenga 50 MW	HFO	IPP	8x6.9			41	41	34	41				
27	Kaptai Hydro unit 1,2,3,4 & 5		PDB	2X40+3X50	230	220	38	80	37	82				
28a	Sikalbaha ST	Gas	PDB	1X60	60	40	39	39	40	39				
28b	Sikalbaha GT	Gas	PDB	1x150	150	150	0	0	0	0	150		26/05/2014	Unknown
29	Sikalbaha	HFO	RPP	4X12.5+2X11.5	0	0	0	0	0	0			expired 06/05/13 but run as per instr. Of DS (gen)	
30	Hathazari	HFO	PDB	11x8.9	98	98	36	88	9	88		10	1 Machine problem	
31	Dohazari	HFO	PDB	6x17	102	102	0	102	0	102				
32	Juldah	HFO	RPP	8x13.45	100	100	92	101	92	100				
33	Barabkunda	Gas	SIPP,PDB	8X2.90	22	22	16	16	16	16		6	Synchronized at 33KV, 2 Machine problem	
34	Malancha, Ctg EPZ	Gas					5	27	2	27				
	Chittagong area Total				***1207***	***1117***	***493***	***710***	***446***	***711***	***320***	***16***		
35a	Ashuganj ST 1 & 2	Gas	APSCL	2x64	128	110	50	50	50	50		60	#1(02/06/2014)	5/6/2014
35b	Ashuganj ST 3	Gas	APSCL	1x150	150	140	0	0	0	0		140	28/5/14	5/6/2014
35c	Ashuganj ST 4	Gas	APSCL	1x150	150	150	140	140	140	140		10		
35d	Ashuganj ST 5	Gas	APSCL	1x152	150	140	0	130	130	130		10		
35e	Ashuganj CCPP	Gas	APSCL	2x56+34	146	91	40	40	40	40		51	#1(06/01/14)	Unknown
35f	Ashuganj 50 MW TSK	Gas	APSCL	16x3.35	53	51	43	43	40	43		8	3 Machine problem	
36	Ashuganj Precision	Gas	RPP	15x4	55	55	56	56	56	55				
37	Ashuganj Aggrekko	Gas	RPP	82x1.1	80	80	76	81	76	80				
38	Ashuganj UP-53 MW	Gas	RPP	14x4	53	53	53	53	53	53				
39	Ashuganj Midland	Gas	IPP	6x9.34	51	51	35	42	32	42				
40	Brahmanbaria 70MW	Gas	QRPP	72x1	70	70	70	71	70	70				
41	Daudkandi 50 MW	FO	PDB	6x8.92	52	52	42	50	0	50				
42	Chandpur CCPP	Gas	PDB	1x106+1x57	163	163	161	150	160	163				
43	Feni	Gas	SIPP,PDB	8X2.90	22	22	17	17	15	17		5	1 Machine problem	
44	Mahipal,Feni	Gas	SIPP,REB	4X2.90	11	11	8	8	5	8		3	Synchronized at 33KV, 1 Machine problem	
45	Jangalia	Gas	SIPP,PDB	4X8.73	33	33	32	33	33	33			Synchronized at 33KV	
46	Summit Power (Comilla)	Gas	SIPP,REB	3x3.67+2x6.97	25	25	15	20	15	20		5	Synchronized at 33KV	
	Comilla Area Total				***1392***	***1297***	***838***	***984***	***915***	***994***	***0***	***292***		
47	RPCL CCPP, Mymensingh	Gas	IPP	4X35+1x70	210	197	142	149	149	149	48			
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***	***158***	***165***	***165***	***165***	***48***	***0***		
49a	Fenchugonj CCPP (old)	Gas	PDB	2x32+1x33	97	90	71	72	73	72		18		
49b	Fenchugonj CCPP (new)	Gas	PDB	2x35+1x35	104	104	74	76	76	76		28		
50	Fenchugonj BEDL	Gas	RPP	19X2.90	51	51	43	47	52	47				
51	Fenchuganj Prima 50 MW	Gas	RPP	12x3.3+5x2	44	44	49	47	46	44				
52	Hobiganj	Gas	SIPP,REB	4X2.90	11	11	10	10	8	10			Synchronized at 33KV	
53	Shahjibazar GT 8,9	Gas	PDB	2X35	70	66	62	67	60	66				
54	Shahjibazar 86 MW	Gas	RPP	32X2.90	86	86	81	84	40	84				
55	Shahjibazar 50 MW	Gas	RPP	27X2.0	50	50	46	48	47	48				
56	Sylhet 150 MW	Gas	PDB	1x150+1x75	142	142	108	143	94	142				
57	Sylhet GT	Gas	PDB	1X20	20	20	20	20	20	20				
58	Sylhet 50MW	Gas	RPP	29x1.95	50	50	40	42	41	42		8	2 Machine problem	
59	Shahjahanulla 25MW	Gas	CIPP	3x9.34	25	25	4	22	9	25				
60	Sylhet 11 MW	Gas	RPP	6X1.95	10	10	9	8	9	9		2	1 Machine problem	
	Sylhet Area Total				***760***	***749***	***617***	***686***	***575***	***685***	***0***	***56***		
61	Bheramara GT 1, 2 & 3	HSD	PDB	3X20	60	46	16	46	0	46				
62	Bheramara	HSD	RPP	(X8.5+2X6+2X	105	105	0	0	0	0		105	16 Machine problem	Unknown
63	HVDC C/B Interconnector		India		500	500	367	317	436	317				
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	97	107	95	110				
66	KPCL ,Khulna.(new)	HFO	IPP	7x17	115	115	100	99	99	99		16	1 Machine problem	
67	Faridpur	FO	PDB	8x6.89	54	54	42	41	0	41		13	2 Machine problem	
68	Khulna 150MW	HSD	NWZPGCL	1x150	150	150	162	162	158	150				
69	Gopalganj 110 MW	HFO	PDB	16x6.98	109	109	0	73	34	73		36	4 Machne problem	
70	Noapara (105 MW)Quantan	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	50X0.80	40	40	0	0	0	0			Contact date expired 16/08/13	
73	Khulna 55 MW	HSD	QRPP	71X0.85	55	55	0	0	0	0			Expired , run as per instr. of DS (Gen)	
	Khulna Area Total				***1609***	***1510***	***824***	***885***	***862***	***876***	***0***	***356***		
74	Barisal GT 1 & 2	HSD	PDB	2X20	40	32	16	29	0	29				
75	Bhola	Gas	RPP	1X34.50	33	33	24	29	24	29				
	Barisal Area Total				***73***	***65***	***40***	***58***	***24***	***58***	***0***	***0***		
76a	Baghabari GT 1	Gas	SBU,PDB	1X71	71	71	70	69	70	69				
76b	Baghabari GT 2	Gas	SBU,PDB	1X100	100	100	97	100	94	100				
77	Baghabari 50 MW	HFO	PDB	6x8.9	52	52	0	48	0	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	62	70				
80	Amnura 50 MW	HFO	RPP	7x7.79	50	50	49	49	0	49				
81	Katakhali NPS 50 MW	HFO	RPP	6x8.92	50	50	50	50	8	50				
82	Katakhali PPP 50 MW	HFO	PDB	6x8.7	50	50	43	47	0	47				
83	Sirajganj 150 MW	Gas	NWPGCL	1x150	150	150	136	143	132	143				
84	Santahar 50 MW	HFO	PDB	6x8.7	50	50	0	45	0	45				
85	Bogra GBB	Gas	RPP	6X4	20	22	16	17	17	17		5	1 Machine problem	
86	Bogra 20MW	Gas	RPP	5x3.3+5x2	20	20	17	18	18	18				
87	Summit Power (Ullapara)	Gas	SIPP,REB	4X2.90	11	11	11	11	11	11			Synchronized at 33KV	
88	Rajlanka 52 MW	FO	IPP	6*8.9	52	52	0	0	0	0	52		29/05/2014	5/6/2014
	Rajshahi Area Total				***837***	***819***	***489***	***667***	***412***	***667***	***52***	***75***		
89a	Barapukuria ST 1	Coal	PDB	1x125	125	100	89	88	89	88		12		
89b	Barapukuria ST 2	Coal	PDB	1x125	125	100	91	88	88	88		12		
90	Rangpur GT	HSD	PDB	1X20	20	20	0	10	0	15				
91	Sayadpur GT	HSD	PDB	1X20	20	20	0	17	0	17				
92	Thakurgaon	HSD	RPP	8X1.5+21X1.1	47	47	33	37	36	37		10	expired , run as per instr. of DS (Gen)	
	Rangpur Area Total				***337***	***287***	***213***	***240***	***213***	***245***	***0***	***34***		
	Total				**10341**	**9727**	**5729**	**6620**	**5436**	**6605**	**875**	**1932**		
	Useable load at Substation end after deducting Auxiliary use & Transmission loss						4955	6008	4702	5711				

A.	**3-Jun-14** (Yesterday)				Tuesday		
1	Highest Generation :	**6620.0** MW at **21:00** hrs			11 Evening Peak Hour :	**21:00** hrs.	
2	Minimum Generation :	**4925.0** MW at **7:00** hrs			12 Max. Demand (Generation end) at evening peak hour :	**6900** MW	
3	Day peak Generation :	**5729.0** MW at **12:00** hrs			13 Max. Demand (Substation end) at evening peak hour :	**6248** MW	
4	Evening peak Generation :	**6620.0** MW at **21:00** hrs			14 Load Shed (Substation end) at evening peak hour :	**280** MW	
5	Total Energy Generation :	**137.00** 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: 89.95 MKWHr	By Oil: 33.45 MKWHr					
	By Coal: 3.76 MKWHr	By Hydro: 1.03 MKWHr					
6	Generation Shortfall :	For Gas: 875 MW	For Oil: 0 MW				
		For Water Shortage: **0** MW					
		For Plants S/D or M/C prob: 1932 MW					
7	Total Gas Supplied : **869.32** MMCFD						
8	Fuel Cost : i) Gas : Taka 77925664	ii) Oil : Taka 439935801					
	iii) Coal : Taka 14648071	Total Taka 532509536					
9	Export Through E-W Interconnectors :	i) Energy 7.867 MKWHr.					
	ii) During Peak Demand : **-210** MW at 21:00 hrs						
	iii) Maximum : 40 MW at 12:00 hrs						
10	Maximum Temperature in Dhaka was **33.4° C**						

Area	Demand	Supply	Loadshed	(Duration)	Time	Loadshed
Dhaka	2445	2375	70	(18:45-22:15)	Hour	MW
Chittagong	698	667	31	(18:45-22:15)	18:00	0
Khulna	745	713	32	(18:45-22:15)	18:30	0
Rajshahi	712	681	31	(18:45-22:15)	19:00	269
Comilla	470	436	34	(18:45-22:15)	19:30	276
Mymensingh	400	370	30	(18:45-22:15)	20:00	303
Sylhet	303	288	15	(18:45-22:15)	21:00	254
Barisal	150	143	7	(18:45-22:15)	22:00	226
Rangpur	365	335	30	(18:45-22:15)	23:00	0
Total	6288	6008	280			

B.	**4-Jun-14** (Today)			Wednesday	Probable max. temperature in Dhaka **33.4° C**
	Forecast				
1	Maximum Demand (Generation end)	**6950**	MW		6 Total Load Shed forecast (Substation end) : 298 MW
2	Maximum Generation (Generation end)	**6605**	MW		7 Area wise Load Shed forecast (Substation end) :
3	Shortage (Generation end)	**345**	MW		
4	Total Energy Generation	**137**	MKWHr		
5	Actual Minimum Generation up to 8:00 hrs.	**5228**	MW at	**8:00**	

Dhaka	Chittagong	Khulna	Rajshahi	Comilla	Mymensing	Sylhet	Barisal	Rangpur
MW	MW	MW	MW	MW	MW	MW	MW	MW
67	40	44	42	29	24	19	8	25

* Import Through HVDC C/B Interconnector : i) Energy 8.890182 MKWHr.

ii) During peak Demand : 367 MW at 21:00 hrs

iii) Maximum : 446 MW at 9:00 hrs

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

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division