POWER GRID COMPANY OF BANGLADESH LTD.
SUMMARY OF DAILY ELECTRICITY GENERATION

QF-LDC-07

Month : Jan-2014 | Day : Sunday | Date : 19-Jan-14

Probable Maximum Generation : (a) At Day Peak Hour : 4460 MW (b) At Evening Peak Hour : 5777 MW

Water Level of Kaptai Lake at 06:00 AM (a) Yesterday: 93.47 ft (b) Today: 93.40 ft (c) Rule Curve: 99.58 ft

Sl.	Name of the Power Station	Fuel	Producer	Installed Capacity	Derated/ Present Capacity		Actual Generation On 18-Jan-14 Day Peak	Actual Generation On 18-Jan-14 Ev. Peak	Available Geneneration On 19-Jan-14 Day Peak	Available Geneneration On 19-Jan-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	45	45	45	45			# 1(15/01/2014)	Unkhown
1b	Ghorasal ST 3	Gas	PDB	1x210	210	180	110	110	110	110		70		
1c	Ghorasal ST 4	Gas	PDB	1x210	210	180	180	180	180	180				
1d	Ghorasal ST 5	Gas	PDB	1x210	210	190	190	0	110	190		190	1 Machine problem	
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	100	103	100	100				
3	Ghorashal 45 MW	Gas	QRPP 3yrs	50X0.85	45	45	43	46	45	45			Synchronized at 33KV	
4	Ghorashal MAX	Gas	RPP	4x19.6	78	78	62	61	63	61		17	1 Machine problem	
5	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	Unkhown
6	Haripur EGCB 360 MW	Gas	EGCB		412	412	0	0	0	0			On test	
7	Haripur NEPC	HFO	IPP	8x15	110	110	13	95	80	95		15	1 Machine problem	
8	Haripur P. Ltd CCPP	Gas	IPP	235+125	360	360	0	0	0	0	360		15/01/2014	23/01/2014
9	Meghnaghat P.Ltd CCPP	Gas	IPP	3X150	450	450	458	452	454	450				
10	Meghnaghat IEL	HFO	RPP	12x8.9	100	100	98	89	89	89				
11	Madanganj 102 MW	HFO	QRPP 3yrs	6x17.08	102	100	50	97	97	97				
12	Keraniganj	HFO	RPP	8x14.4	100	100	13	94	35	100		6		
13	Narshingdi	Gas	SIPP.REB	8X2.90	22	22	14	14	14	14		8	Synchronized at 33KV. 2 Machine problem	
14a	Siddhirganj ST	Gas	PDB	1x210	210	150	0	0	0	0		210	13/1/14	Unkhown
14b	Siddhirganj GT-1, 2	Gas	EGCB	2x120	210	210	178	111	112	111	99			
15	Siddhirganj 100MW	HSD	QRPP 3yrs	96x1.2	96	96	0	85	0	85		11	9 Machine problem	
16	Dutch Bangla 100 MW	HFO	RPP	12x8.9	100	100	50	100	101	100				
17	DPA Power 50MW	HSD	QRPP 3yrs	100X0.5	50	50	0	50	0	50			Expired, run as per instruction of DS (Gen)	
18	Summit Power (Dhaka)	Gas	SIPP.REB		146	146	101	104	89	110			Synchronized at 33KV	
19	Gazipur RPCL	HFO	IPP	6x8.9	52	52	0	52	0	52				
20	Tongi GT	Gas	PDB	1X 105	105	105	0	0	0	0	105			
	Dhaka Area Total				***3894***	***3664***	***1705***	***1888***	***1724***	***2084***	604	737		
21a	Chittagong Raozan ST 1	Gas	PDB	1x210	210	180	0	0	0	0	180		15/08/13	Unknown
21b	Chittagong Raozan ST 2	Gas	PDB	1x210	210	180	0	0	0	0	180		31/07/13	Unkhown
23	Raozan 25 MW	HFO	RPCL	3*8.9	25	25	0	26	0	26				
24	Kaptai Hydro unit 1,2,3,4 & 5		PDB	2X40+3X50	230	220	40	46	46	46				
25a	Sikalbaha ST	Gas	PDB	1X60	60	40	0	0	0	0	40		7/11/2013	Unknown
25b	Sikalbaha GT	Gas	PDB	1x150	150	150	0	20	100	100	130			
26	Sikalbaha	HFO	RPP 3yrs	4X12.5+2X11.9	0	0	0	0	0	0			contract date expired 06/05/2013	
27	Hathazari	HFO	PDB	11x8.9	98	98	0	98	0	98				
28	Dohazari	HFO	PDB	6x17	102	102	0	102	0	102				
29	Julda	HFO	RPP	8x13.45	100	100	92	92	92	92		8		
30	Barabkunda	Gas	SIPP.PDB	8X2.90	22	22	8	10	10	10		12	Synchronized at 33KV, 4 Machine problem	
31	Malancha,Ctg EPZ	Gas					9	30	6	30				
	Chittagong area Total				***1207***	***1117***	***149***	***424***	***254***	***504***	530	20		
32a	Ashuganj ST 1 & 2	Gas	APSCL	2x64	128	110	25	25	25	25		85	#1(15/01/14)	Unknown
32b	Ashuganj ST 3	Gas	APSCL	1x150	150	140	140	140	140	140				
32c	Ashuganj ST 4	Gas	APSCL	1x150	150	150	150	150	150	150				
32d	Ashuganj ST 5	Gas	APSCL	1x152	150	140	140	140	140	140				
32e	Ashuganj CCPP	Gas	APSCL	2x56+34	146	91	40	40	40	40	35	16	ST(08/09/13), #1 (06/01/14)	Unkhown
32f	Ashuganj 50 MW TSK	Gas	APSCL	16x3.35	53	51	9	12	12	12	39			
33	Ashuganj Precision	Gas	RPP 3yrs	15x4	55	55	35	38	34	38	17			
34	Ashuganj Aggrekko	Gas	RPP	82x1.1	80	80	51	52	59	52	28			
35	Ashuganj UP-53 MW	Gas	RPP	14x4	53	53	40	40	40	40	13			
36	Ahuganj Midland	Gas	IPP		51	51	30	53	54	51			On test	
37	Brahmanbaria 70MW	Gas	QRPP 3yrs	72x1	70	70	71	72	70	70				
38	Daudkandi 50 MW	FO	PDB	6x8.92	52	52	0	33	0	33		19	2 Machine problem	
39	Chandpur CCPP	Gas	PDB	1x106+1x57	163	163	0	0	0	0	163		14/11/13	Unknown
40	Feni	Gas	SIPP.PDB	8X2.90	22	22	19	0	22	22		22	8 Machine problem	
41	Mahipal,Feni	Gas	SIPP.REB	4X2.90	11	11	8	8	8	8		3	Synchronized at 33KV, 1 Machine problem	
42	Jangalia	Gas	SIPP.PDB	4X8.73	33	33	25	25	25	25		8	Synchronized at 33KV, 1 Machine problem	
43	Summit Power (Comilla)	Gas	SIPP.REB	3x3.67+2x6.97	25	25	16	20	20	20		5	Synchronized at 33KV, 1 Machine problem	
	Comilla Area Total				***1392***	***1297***	***799***	***848***	***839***	***866***	295	158		
44	RPCL CCPP,Mymensing	Gas	IPP	4X35+1x70	210	197	155	151	157	151	46		Gas pressure low	
45	Tangail	Gas	SIPP.PDB	8X2.90	22	22	20	20	17	20		2	Synchronized at 33KV	
	Mymensing Area Total				***232***	***219***	***175***	***171***	***174***	***171***	46	2		
46a	Fenchuganj CCPP (old)	Gas	PDB	2x32+1x33	97	90	0	38	39	38		52	GT #1 (17/01/2014)	Unkhown
46b	Fenchuganj CCPP (new)	Gas	PDB	2x35+1x35	104	104	91	88	76	88		16		
47	Fenchuganj BEDL	Gas	RPP 15yrs	19X2.90	51	51	33	45	42	45				
48	Fenchuganj Prima 50 MW	Gas	RPP	12x3.3+5x2	44	44	39	39	38	39		5	1 Machine problem	
49	Hobiganj	Gas	SIPP.REB	4X2.90	11	11	10	10	10	10			Synchronized at 33KV	
50	Shahjibazar GT 8,9	Gas	PDB	2X35	70	66	66	65	42	65				
51	Shahjibazar 86 MW	Gas	RPP 15yrs	32X2.90	86	86	72	77	75	77		9	3 Machine problem	
52	Shahjibazar 50 MW	Gas	RPP 3yrs	27X2.0	50	50	47	49	47	50				
53	Sylhet 150 MW	Gas	PDB	1x150+1x75	142	142	0	0	0	0		142	16/01/14	Unknown
54	Sylhet GT	Gas	PDB	1X20	20	20	21	21	21	21				
55	Sylhet 50MW	Gas	RPP 3yrs	29x1.95	50	50	41	43	40	43		7	3 Machine problem	
56	Shahjahanulla 25MW	Gas	CIPP	3x9.34	25	25	10	18	12	18			On test	
57	Sylhet 11 MW	Gas	RPP 15yrs	6X1.95	10	10	9	7	8	7		3	1 Machine problem	
	Sylhet Area Total				***760***	***749***	***439***	***500***	***450***	***501***	*0*	234		
58	Bheramara GT 1, 2 & 3	HSD	PDB	3X20	60	46	0	46	0	0			Reserve	
59	Bheramara	HSD	RPP 3yrs	3X8.5+2X6+2X3	105	105	0	0	0	0		105	14 Machine problem. & oil shorta	Unknown
60	HVDC C/B Interconnector		India		500	500	470	338	465	338				
61a	Khulna ST 110MW	FO	PDB	1X110	110	55	0	0	0	0		55	3/12/2013	Unknown
61b	Khulna ST 60 MW	FO	PDB	1X60	60	30	0	0	0	0		30	24/01/12	Unknown
62	KPCL ,Khulna.	HFO	IPP	19x6.5	110	110	5	53	5	53	57			
63	KPCL ,Khulna.(new)	HFO	IPP	7x17	115	115	66	115	83	115				
64	Faridpur	FO	PDB	8x6.89	54	54	0	50	0	50				
65	Khulna 150MW	HSD	NWZPGCL	1x150	150	150	0	165	65	150				
66	Gopalganj 110 MW	HFO	PDB	16x6.98	109	109	0	101	0	101		8	1 Machine problem	
67	Noapara (105 MW)Quantan	HFO	RPP	9x5+9.5x6+9.2x	101	101	0	0	0	0		101	13 Machine problem	
68	Noapara (40 MW),KZA	HFO	RPP	5x8	40	40	40	40	32	40				
69	Khulna 40 MW	HSD	RPP 3yrs	50X0.80	40	40	0	0	0	0			Contact date expired 16/08/13	
70	Khulna 55 MW	HSD	QRPP 3yrs	71X0.85	55	55	27	42	38	42			Expired , run as per instr. of DS (Gen)	
	Khulna Area Total				***1609***	***1510***	***608***	***950***	***688***	***889***	57	299		
71	Barisal GT 1 & 2	HSD	PDB	2X20	40	32	0	15	0	0			#2 (09/01/2014Reserve	Unkhown
72	Bhola	Gas	RPP 3yrs	1X34.50	33	33	0	0	0	0		33	10/8/2013	Unknown
	Barisal Area Total				***73***	***65***	***0***	***15***	***0***	***0***	*0*	33		
73a	Baghabari GT 1	Gas	SBU.PDB	1X71	71	71	0	0	0	0			14/12/13	Unknown
73b	Baghabari GT 2	Gas	SBU.PDB	1X100	100	100	108	105	80	100				
74	Baghabari 50 MW	HFO	PDB	6x8.9	52	52	0	49	0	49				
75	Baghabari Westmont	Gas	IPP	2X45	90	70	0	0	0	0		70	#2(12/5/12),#2(24/4/13)	Unknown
76	Bera 70 MW	HFO	PDB	9x8.29	71	71	0	71	0	71				
77	Amnura 50 MW	HFO	RPP	7x7.79	50	50	0	50	0	50				
78	Katakhali NPS 50 MW	HFO	RPP	6x8.92	50	50	8	50	8	50				
79	Katakhali PPP 50 MW	HFO	PDB	6x8.7	50	50	0	48	0	50				
80	Sirajganj 150 MW	Gas	NWPGCL	1x150	150	150	146	151	120	150				
81	Santahar 50 MW	HFO	PDB	6x8.7	50	50	0	46	0	46				
82	Bogra GBB	Gas	RPP 15yrs	6X4	20	22	14	22	22	22			Synchronized at 33KV	
83	Bogra 20MW	Gas	RPP 3yrs	5x3.3+5x2	20	20	8	13	12	13		7	2 Machine problem	
84	Summit Power (Ullapara)	Gas	SIPP.REB	4X2.90	11	11	8	8	8	8		3	Synchronized at 33KV, 1 Machine problem	
85	Rajlanka 52 MW	FO	IPP				0	18	0	0			On test	
	Rajshahi Area Total				***785***	***767***	***292***	***631***	***250***	***609***	*0*	80		
86a	Barapukuria ST 1	Coal	PDB	1x125	125	100	0	0	0	0		100	20/11/2013	Unknown
86b	Barapukuria ST 2	Coal	PDB	1x125	125	100	78	78	81	78		22		
87	Rangpur GT	HSD	PDB	1X20	20	20	0	20	0	20				
88	Sayadpur GT	HSD	PDB	1X20	20	20	0	17	0	17				
89	Thakurgaon	HSD	RPP 3yrs	20X1.5+21X1.1	47	47	0	38	0	38			expired , run as per instr. of DS (Gen)	
	Rangpur Area Total				***337***	***287***	***78***	***153***	***81***	***153***	***0***	***122***		
	Total				**10289**	**9675**	**4245**	**5580.0**	**4460**	**5777**	**1532**	**1685**		
	Useable load at Substation end after deducting Auxiliary use & Transmission loss						3855	5067	4050	5246				

A.	**18-Jan-14** (Yesterday)					Saturday			
1	Highest Generation :	**5580.0**	MW at	**20:00**	hrs	11 Evening Peak Hour :	**20:00**	hrs.	
2	Minimum Generation :	**2872.0**	MW at	**5:00**	hrs	12 Max. Demand (Generation end) at evening peak hour :	**5580**	MW	
3	Day peak Generation :	**4245.0**	MW at	**9:00**	hrs	13 Max. Demand (Substation end) at evening peak hour :	**5067**	MW	
4	Evening peak Generation :	**5580.0**	MW at	**20:00**	hrs	14 Load Shed (Substation end) at evening peak hour :	**0**	MW	
5	Total Energy Generation :	96.94	MKWHr			15. Area wise Demand (S/S end), Supply(S/S end) &			16 Hourly Load Shed during Evening Peak hours :
	By Gas: 67.56	MKWHr	By Oil:	15.83	MKWHr	Load Shed (S/S end) at Evening peak hour in MW :			
	By Coal: 1.84	MKWHr	By Hydro:	1.00	MKWHr				
6	Generation Shortfall :	91 MW	For Oil:	748	MW				
	For Water Shortage:			**0**	MW				
	For Plants S/D or M/C prob:			1685	MW				
7	Total Gas Supplied :	**696.66**	MMCFD						
8	Fuel Cost : i) Gas :	Taka 55631081	ii) Oil : Taka		138402238				
	iii) Coal :	Taka 7515588	Total	Taka	201548907				
9	Export Through E-W Interconnectors :		i) Energy	4.712	MKWHr.				
	ii) During Peak Demand :	**110**	MW at	20:00	hrs				
	iii) Maximum :	160	MW at	22:00	hrs				
10	Maximum Temperature in Dhaka was	**27.8° C**							

Area	Demand	Supply	Loadshed (Duration)
Dhaka	1878	1878	0
Chittagong	524	524	0
Khulna	667	667	0
Rajshahi	612	612	0
Comilla	405	405	0
Mymensing	361	361	0
Sylhet	170	170	0
Barisal	120	120	0
Rangpur	330	330	0
Total	5067	5067	0

Time	Loadshed
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.	**19-Jan-14** (Today)	Sunday	Probable max. temperature in Dhaka	**27.8° C**

Forecast

1	Maximum Demand (Generation end)	**5700**	MW	6 Total Load Shed forecast (Substation end) :	0	MW								
2	Maximum Generation (Generation end)	**5777**	MW	7 Area wise Load Shed forecast (Substation end) :										
3	Shortage (Generation end)	**-77**	MW		Dhaka	Chittagong	Khulna	Mymensing	Comilla	Sylhet	Barisal	Rangpur		
4	Total Energy Generation	**97**	MKWHr		MW	MW	MW	MW	MW	MW	MW	MW		
5	Actual Minimum Generation up to 8:00 hrs.	3069	MW at 5:00		0	0	0	0	0	0	0	0		

* Import Through HVDC C/B Interconnector :		i) Energy	10.686545	MKWHr.
ii) During peak Demand :	338 MW	at	20:00 hrs	
iii) Maximum :	470 MW	at	23:00 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