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

SUMMARY OF DAILY ELECTRICITY GENERATION

		Month :		40526			Day :	Monday			Date :	40526		
		Probable Maximum Generation :		(a) At Day Peak Hour			4386	MW		(b) At Evening Peak Hour :		6104	MW	
		Water Level of Kaptai Lake at 06:00 AM (ft)		(a) Yesterday :			97.08			(b) Today:	97.03	(c) Rule Curve:	104.7	

Sl.	Sl.	Name of the Power S	Fuel	Producer	Instslled Capacity		Derated/ Present Capacity	Actual Generation On 40525 Day Peak	Ev. Peak	Available Geneneratio On 40526 Day Peak	Ev. Peak	Ev. Peak Gen.Shor for Fuel Limitatio	for Plants S or M/C pro	Plants under Shut down (Date) / Remarks	Probable Start up Date
						MW	MW	MW	MW	MW	MW	MW	MW		
1a	1a	Ghorasal ST: Unit-1, 2	Gas	PDB	2X55	110	85	76	42	42	42		43	#2(14/12/2014)	Unknown
1b	1b	Ghorasal ST: Unit-3	Gas	PDB	1x210	210	170	110	110	110	110		60		
1c	1c	Ghorasal ST: Unit-4	Gas	PDB	1x210	210	180	170	170	170	170		10		
1d	1d	Ghorasal ST: Unit-5	Gas	PDB	1x210	210	190	190	190	190	190				
1e	1e	Ghorasal ST: Unit-6	Gas	PDB	1x210	210	190	0	0	0	0		190	#6 (18/07/2010)	Long term maint.
2	2	Ghorashal 100MW(Ag	Gas	QRPP	128X0.85	100	100	100	104	99	100				
3	3	Ghorashal 45MW (Agg	Gas	QRPP	58X0.85	45	45	45	46	44	45				
4	4	Ghorashal 78.5MW (M	Gas	QRPP	4x21.5	78	78	0	0	0	0			Contract date expired 26/05/2014	
5	5	Ghorashal (Regent)	Gas	IPP	34x3.35	108	108	104	108	107	108				
6	6	Haripur GT: Unit-1, 2,	Gas	PDB	3x32	96	60	0	0	0	0	40	20	#1 & #2 (22/10/2013), #3(18/6/2009)	
7	7	Haripur 412 MW CCP	Gas	EGCB	1x273+1x1	412	412	0	0	0	0		412	40462	17/12/2014
8	8	Haripur NEPC (HFO)	HFO	IPP	8x15	110	110	13	84	55	110		26		
9	9	Haripur Power CCPP	Gas	IPP	1*235+1*1	360	360	371	369	356	360				
10	10	Meghnaghat CCPP	Gas	IPP	2X150+1*1	450	450	0	0	0	0		450	21/04/2014	Long term maint.
11	11	Meghnaghat (IEL)	HFO	RPP	12x8.9	100	100	7	87	46	88		13	1 Engine problem	
12	12	Meghnaghat CCPP(Su	HSD	IPP	2x110+1x1	203	203	0	0	0	0			Reserve	
13	13	Madanganj (Summit)	HFO	QRPP	6x17	102	100	48	95	51	95		5		
14	14	Keraniganj (Powerpac	HFO	RPP	8x13.45	100	100	10	88	20	100				
15	15	Narshingdi (Doreen)	Gas	SIPP,REB	8X2.90	22	22	19	19	6	19		3	Synchronized at 33KV, 1 Machine problem	
16a	16a	Siddhirgonj ST	Gas	PDB	1x210	210	150	110	110	110	110	40			
16b	16b	Siddhirgonj GT: Unit-1	Gas	EGCB	2x105	210	210	215	102	180	150	108			
17	17	Siddhirganj (Desh)	HSD	QRPP	96x1.2	96	98	0	10	0	90				
18	18	Siddhirganj (Dutch Ba	HFO	RPP	12x8.9	100	100	8	80	50	84		20	2 Engine problem	
19	19	Pagla (DPA)	HSD	QRPP	100X0.5	50	50	0	0	0	0			Reserve	
20	20	Gagnagar (Orion)	HFO	IPP	12*8.924	102	102	0	85	0	102				
21	21	Summit Power, Dhaka	Gas	SIPP,REB	6*3.67+2*6	146	146	116	113	123	124			Synchronized at 33KV	
22	22	Gazipur (RPCL)	HFO	IPP	6x8.9	52	52	0	43	0	52				
23	23	Tongi GT	Gas	PDB	1X 105	105	105	0	0	0	0	105			
		Dhaka Area Total				4307	4076	1712	2055	1759	2249	293	1252		
24a	24a	Chittagong ST: Unit-1	Gas	PDB	1x210	210	180	0	0	0	0			40278	Unknown
24b	24b	Chittagong ST: Unit-2	Gas	PDB	1x210	210	180	120	100	100	120	80			
25	25	Raozan 25 MW (RPCL	HFO	IPP	3x8.9	25	25	8	17	8	17		8	1 Engine problem	
26	26	Patenga 50MW (Barak	HFO	IPP	8x6.89	50	50	0	47	0	50				
27	27	Chittagong Energy pa	HFO	IPP				107	54	104	0			On Test.	
28a	28	Kaptai Hydro: Unit-1,2	Hydro	PDB	2X40, 3X5	230	230	35	43	30	46				
28b	29a	Sikalbaha ST	Gas	PDB	1X60	60	40	0	0	0	0	40		40243	Unknown
29	29b	Sikalbaha Peaking GT	Gas	PDB	1x150	150	150	0	0	0	0	150		40189	Unknown
30	30	Sikalbaha (Energis)	HFO	RPP		26	26	27	26	0	26				
31	31	Hathazari peaking	HFO	PDB	11x8.9	98	98	0	90	0	90		8	1 Engine problem	
32	32	Dohazari-Kalaish Peak	HFO	PDB	6x17	102	102	0	102	0	102				
33	33	Juldah (Acorn)	HFO	QRPP	8x13.45	100	100	80	105	65	100		-5		
34	34	Barabkunda (Regent)	Gas	SIPP,PDB	8X2.90	22	22	16	19	16	19		3	Synchronized at 33KV, 1 Machine problem	
	35	Malancha, Ctg. EPZ (U	Gas					5	11	2	11				
35a		Chittagong area Total				1283	1203	398	614	325	581	270	14		
35b	36a	Ashuganj ST: Unit- 1 &	Gas	APSCL	2x64	128	97	50	50	50	50		47	#1(23/08/2014)	Unkhown
35c	36b	Ashuganj ST: Unit- 3	Gas	APSCL	1x150	150	135	130	130	130	130				
35d	36c	Ashuganj ST: Unit- 4	Gas	APSCL	1x150	150	129	140	140	140	140				
35e	36d	Ashuganj ST: Unit- 5	Gas	APSCL	1x150	150	134	0	0	0	0			40309	Unknown
35f	36e	Ashuganj CCPP: GT-2	Gas	APSCL	1x56	56	40	40	40	40	40				
36	36f	Ashuganj Engines	Gas	APSCL	14x3.968	53	45	25	25	22	25		20	5 Engine problem	
37	37	Ashuganj (Precision)	Gas	RPP	15x4	55	55	56	57	50	55				
38	38	Ashuganj (Aggrekko)	Gas	QRPP	96x1.10	95	95	93	97	90	95				
39	39	Ashuganj (United)	Gas	QRPP	14x4	53	53	53	53	53	53				
40	40	Ashuganj (Midland)	Gas	IPP	6x9.34	51	51	45	45	45	45		6		
41	41	Brahmanbaria (Aggrek	Gas	QRPP	86x1.10	85	85	57	85	85	85				
42	42	Titas (Daudkandi) Pea	HFO	PDB	6x8.92	52	52	0	48	0	50				
43	43	Chandpur CCPP	Gas	PDB	1x106+1x5	163	163	0	0	0	0	163		40367	Unkhown
44	44	Feni (Doreen)	Gas	SIPP,PDB	8X2.90	22	22	20	22	17	22				
45	45	Feni, Mohipal (Doreen	Gas	SIPP,REB	4X2.90	11	11	11	11	8	11			Synchronized at 33KV	
46	46	Jangalia (Summit)	Gas	SIPP,PDB	4X8.73	33	33	14	26	26	26		7	Synchronized at 33KV, 1 Machine problem	
	47	Lakdamavi-52 MW	HFO	(IPP)				45	46	45	0			On Test.	
47	48	Summit Power, Comill	Gas	SIPP,REB	3x3.67+2x	25	25	16	22	15	22		3	Synchronized at 33KV, 3 Machine problem	
48		Comilla Area Total				1332	1225	795	897	816	849	163	83		
	49	RPCL CCPP	Gas	IPP	4X35+1x70	210	202	140	141	144	144	61			
49a	50	Tangail (Doreen)	Gas	SIPP, PDB	8X2.90	22	22	19	22	21	22			Synchronized at 33 kV	
49b		Mymensingh Area Total				232	224	159	163	165	166	61	7		
50	51a	Fenchugonj CCPP-1	Gas	PDB	2x32+1x33	97	80	71	75	70	75				
51	51b	Fenchugonj CCPP-2	Gas	PDB	2x35+1x35	104	90	60	60	60	60		30	ST(07/11/2014)	Unkhown
52	52	Fenchugonj (Barakatu	Gas	RPP	19X2.90	51	51	46	52	50	51				
53	53	Fenchuganj (Energypr	Gas	RPP	12x3.3+5x	44	44	47	40	46	44				
54	54	Hobiganj (Confidence	Gas	SIPP, REB	4X2.90	11	11	8	8	8	8		3	Synchronized at 33 kV, 1 Machine problem	
55	55	Shahjibazar GT: Unit-	Gas	PDB	2X35	70	66	54	69	40	69				
56	56	Shahjibazar (Shahjiba	Gas	RPP	32X2.90	86	86	81	84	84	84				
57	57	Shahjibazar (Energyp	Gas	RPP	27X2.0	50	50	47	49	20	49				
58	58	Sylhet 150 MW GT	Gas	PDB	1X142	142	142	98	144	99	142				
59	59	Sylhet 20 MW GT	Gas	PDB	1X20	20	20	0	20	0	20				
60	60	Sylhet (Energyprima)	Gas	RPP	27X2	50	50	45	48	46	48				
	61	Shahjahanulla 25 MW	Gas	CIPP, REB	3x9.34	25	25	11	27	12	25				
61	62	Sylhet (Desh)	Gas	RPP	6X1.95	10	10	11	10	9	10				
62		Sylhet Area Total				760	725	579	686	544	685	0	33		
63	63	Bheramara GT: Unit- 1	HSD	PDB	3X20	60	46	0	0	0	0			Reserve	
64a	64	Bheramara (Quantum)	HSD	RPP	12X8.5+2X	105	105	0	0	0	0		105	16 Engine problem	Long term maint.
64b	65	Bheramara HVDC Interconnector	India			500	500	237	440	233	448				
65	66a	Khulna ST 110MW	HFO	PDB	1X110	110	55	0	0	0	0			40278	Unkhown
66	66b	Khulna ST 60 MW	HFO	PDB	1X60			0	0	0	0			Plant retired in FY 2013-2014	
67	67	Khulna (KPCL-1)	HFO	IPP	19x6.5	110	110	6	107	36	110				
68	68	Khulna (KPCL-2)	HFO	QRPP	7x17	115	115	0	115	33	115				
69	69	Faridpur Peaking	HFO	PDB	8x6.89	54	54	0	44	0	44		10	2 Engine problem	
70	70	Khulna 150MW GT	HSD	NWZPGCL	1x150	158	158	40	40	90	100			Frequency control	
71	71	Gopalganj Peaking	HFO	PDB	16x6.98	109	109	0	80	0	80		29	4 Engine problem	
72	72	Noapara (Quantam)	HFO	RPP	5x9.9+6x9.	101	101	0	0	0	0		101	Long term maint.	
73	73	Noapara (Khanjahan A	HFO	QRPP	5x8.5	40	40	0	32	32	32		8	1 Engine problem	
74	74	Khulna (Aggreko) 55M	HSD	QRPP	71X0.85	55	55	0	0	0	10			Contract date expired	Warm up
75		Khulna Area Total				1517	1448	283	858	424	939	0	253		
	75	Barisal GT: Unit-1, 2	HSD	PDB	2X20	40	30	0	0	0	0			Reserve	
	76	Bhola (Venture)	Gas	RPP	1X34.50	33	33	13	17	16	33				
76a		Barisal Area Total				73	63	13	17	16	33	0	0		
77	77a	Baghabari GT	Gas	PDB	1X71	71	71	0	0	0	0		71	21/10/2014	Unkhown
78	77b	Baghabari GT	Gas	PDB	1X100	100	100	0	0	0	0		100	40189	15/01/2015
79	78	Baghabari Peaking	HFO	PDB	6x8.9	52	52	0	40	0	48				
80	79	Westmont GT, Baghab	Gas	IPP				0	0	0	0			Plant Retired in FY 2013-2014	
81	80	Bera Peaking	HFO	PDB	9x8.29	71	71	0	50	0	57		21	3 Engine problem	
82	81	Amnura	HFO	QRPP	7x7.79	50	50	0	42	0	42		9	1 Engine problem	
83	82	Katakhali (Northern)	HFO	QRPP	6x8.92	50	50	0	0	0	0	50		13/12/2014	15/12/2014
84	83	Katakhali Peaking	HFO	PDB	6x8.7	50	50	0	47	0	47				
85	84	Sirajganj CCPP	Gas	NWPGCL	1x150+1x7	210	210	220	220	200	210				
86	85	Santahar Peaking	HFO	PDB	6x8.7	50	50	0	40	0	0			Reserve	
87	86	Bogra (GBB)	Gas	RPP	6X4	20	22	22	22	22	22				
88	87	Bogra (Energyprima)	Gas	RPP	5x3.3+5x2	20	20	13	11	14	15		9	3 Machine problem	
	88	Ullapara (Summit)	Gas	SIPP,REB	4X2.90	11	11	8	11	5	11		0	Synchronized at 33KV, 1 Machine problem	
	89	Rajlanka 52 MW	HFO	IPP	6X8.92	52	52	0	53	0	52				
89a		Rajshahi Area Total				807	809	263	536	241	504	50	210		
90	90a	Barapukuria ST: Unit-1	Coal	PDB	1x125	125	100	91	89	0	0		11	14/12/2014	
91	90b	Barapukuria ST: Unit-2	Coal	PDB	1x125	125	100	91	98	96	98		2		
92	91	Rangpur GT	HSD	PDB	1X20	20	20	0	0	0	0			Reserve	
	92	Syedpur GT	HSD	PDB	1X20	20	20	0	17	0	0			Reserve	
	93	Thakurgaon (RZ)	HSD	RPP	20X1.5+21	47	40	31	0	0	0			Contract date expired	Reserve
		Rangpur Area Total				337	280	213	204	96	98	0	13		
		Total				10648	10053	4415	6030	4386	6104	837	1865		
A.		Useable load at Substation end after deducting Auxiliary use & Transmission lo						4005.734	129	3979.422	5538				

1														
2	A.	40525	(Yesterday)				Sunday							
3	1	Highest Generation :	6030	MW at	0.770833	hrs	11 Evening Peak Hour :					0.770833	hrs.	
4	2	Minimum Generation :	3091	MW at	0.208333	hrs	12 Max. Demand (Generation end) at evening peak					6030	MW	
5	3	Day peak Generation :	4415	MW at	0.375	hrs	13 Max. Demand (Substation end) at evening peak hour :					5530	MW	
	4	Evening peak Generation :	6030	MW at	0.770833	hrs	14 Load Shed (Substation end) at evening peak hour :					0	MW	
	5	Total Energy Generation :	102.7597	MKWHr			15. Area wise Demand (S/S end), Supply (S/S end) &					16 Hourly Load Shed during		
6		By Gas: 77.21543	MKWHr	By Oil:	13.78396	MKWHr	Load Shed (S/S end) at Evening peak hour in MW :					Evening Peak hours :		
		By Coal: 4.325672	MKWHr	By Hydro:	0.828782	MKWHr	Area	Demand	Supply	Loadshed	(Duration)	Time		Loadshed
	6	Generation Shortfall	For Gas: 837	For Oil:	0	MW	Dhaka	2076	2076	0		Hour		MW
7			For Water Shortage:		0	MW	Chittagong	610	610	0		0.75		0
8			For Plants S/D or M/C prob:		1865	MW	Khulna	695	695	0		0.770833		0
	7	Total Gas Supplied :	776	MMCFD			Rajshahi	593	593	0		0.791667		0
9	8	Fuel Cost : i) Gas :	58866120	ii) Oil :	Taka	1.92E+08	Comilla	497	497	0		0.8125		0
		iii) Coal : Taka	16835515	Total	Taka	2.67E+08	Mymensing	366	366	0		0.833333		0
	9	Export Through E-W Interconnectors :		i) Energy	7.8675	MKWHr.	Sylhet	221	221	0		0.875		0
10		ii) During Peak Demand :	-270	MW at	0.770833	hrs	Barisal	129	129	0		0.916667		0
B.		iii) Maximum :	-220	MW at	0.125	hrs	Rangpur	343	343	0		0.958333		0
Foreca	10	Maximum Temperature in Dhaka was		25.4° C			Total	5530	5530	0				
1	B.	40526	(Today)			Monday			Probable max. temperature in I		25.4° C			
2	Forecast													
3	1	Maximum Demand (Generation end)		6050	MW		6 Total Load Shed forecast (Substation end) :				0	MW		
4	2	Maximum Generation (Generation end)		6104	MW		7 Area wise Load Shed forecast (Substation end) :							
5	3	Shortage (Generation end)		-54	MW		Dhaka	Chittagong	Khulna	Rajshahi	Comilla	Mymensing	Sylhet	Barisal / Rangpur
	4	Total Energy Generation		102.76	MKWHr		MW	MW	MW	MW	MW	MW	MW	MW / MW
* Import Th	5	Actual Minimum Generation up to 8:00 hrs.		3158	MW at	0.208333	0	0	0	0	0	0	0	0 / 0
ii) During p														
iii) Maximu	* Import Through HVDC C/B Interconnector :			i) Energy	6.605818	MKWHr.								
	ii) During peak Demand :		440	MW at	0.770833	hrs								
	iii) Maximum :		441	MW at	0.75	hrs								

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

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

Sub Divisional Engineer | Executive Engineer

Network Operation Division | Network Operation Division