Annual Report
2008-2009

BANGLADESH POWER DEVELOPMENT BOARD

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VISION STATEMENT

Bangladesh Power Development Board's vision is to provide quality and reliable electricity to the people of Bangladesh for desired economic, social and human development of the country undertaking institutional and structural reforms leading to the creation of a holding Company.

MISSION STATEMENT

- To deliver quality electricity at reasonable and affordable prices with professional service excellence.
- To make electricity available to all citizens on demand by the year 2020.
- To provide specialized skilled services in operation & maintenance with outstanding performance in Generation, Transmission and Distribution for promoting competition among various power-sector entities.
- To follow international standard and adopt modern technology and practices in power generation activities.
- To ensure improved & satisfactory services to the consumers.
- To develop new mindset for all of its employees congruent with the corporate culture.
- To reach self sufficiency by increasing of its income and reduction of expenditure.

Message

Ensuring adequate, reliable and quality power is a major challenge for BPDB. In the situation of inadequate generation addition in the last few years with shortage of gas supply, BPDB is passing critical time to meet the electricity demand, which is increasing fast matching the growth rate of the economy. Customer satisfaction with reliable power supply and improved service quality is another major challenge for BPDB.

During the FY 2008-09 progress has been made in different areas of BPDB specially generation and distribution. Maximum generation 4162 MW was achieved during this period. Revenue collection has been increased and system loss has been reduced as compared to the previous years. BPDB's system loss during 2008-2009 was reduced to 6.58 % of net generation from 6.92 % of previous year. The loss in BPDB's own distribution was also reduced to 13.57 % in FY 2009 from 14.43 % in FY 2008. The revenue collection during FY 2009 was Tk. 58,992 million which was 9 % higher than that of previous year.

During FY 2009, new generation addition, mostly from small IPP's and rental power plants of total capacity 414 MW was synchronised to the national grid. Net energy generation of BPDB was 25,622 GWh, which was 5.39% higher than the previous year. In the constraint of gas supply this growth was satisfactory but consumers suffered a lot as demand growth of energy was much higher.

Access to electricity was 47% in FY 2009. Only 2% increase was not satisfactory to materialize the government vision of 100% access by 2021. To face this challenge at the end of the FY 2009 government has changed its planning perspective and BPDB has started to revise the generation expansion plan.

The new initiative to the generation expansion plan considered liquid fuel (HFO/ Diesel) based peaking plant in the short term to reduce pressure on natural gas. For medium and long term generation expansion plan, coal based large steam power plants and natural gas/dual fuel based combined cycle plants will be the option. The least cost option is 2000-2600 MW imported coal based power plants in costal areas.

Measures of power generation through renewable energy like solar, wind etc. are also going on. Nuclear energy can also be included as alternative source of energy in future. Steps have also been taken for power exchange through regional co-operation among the neighboring countries to provide reliable electricity.

To make the power sector effective BPDB has also been continuously pursuing the reform programme for the last few years. During the period under report expansion of Computerized Billing, Renewable Energy Development, Bill-pay through Mobile Phone, Energy Efficiency Measures and need based training etc. were also continued.

Government's commitments to remove all barrier for implementation of new generation addition plan and BPDB's consolidated efforts will ensure no load shedding and thereby ensure sustained social and economic development of Bangladesh.

A.S.M. Alamgir Kabir
Chairman
Bangladesh Power Development Board

Hon'ble Prime Minister Sheikh Hasina addressing the high officials of Ministry of Power, Energy and Mineral Resources at Bangladesh Secretariat.

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KEY STATISTICS

Sl. No.	Particulars	Year 2007-08	Year 2008-09	% change over previous year
1	Installed Capacity in MW (As of June)	5,307	5,719	7.76
	* BPDB	3,814	3,812	-0.05
	* IPP	1,330	1,330	0.00
	* Rental Power Plant	58	351	505.17
	* REB	105	226	115.24
2	Generation Capacity (Derated)	4,791	5,166	7.83
3	Max.Capability Available in MW	4,130	4,162	0.78
4	Gross generation in GWh (BPDB)	16,155	16,430.65	1.71
5	Station service and own use in GWh (BPDB)	982	982.03	0.04
6	Net generation in GWh (BPDB)	15,173	15,449	1.81
7	Net Power Purchase from IPP GWh	9,094	8,832	-2.88
8	Net Power Purchase from Rental GWh	44	1,342	2939.19
9	Net generation in GWh (REB)	641	911	42.17
10	Net Generation (BPDB+IPP+Rental+REB) GWh	24,952	26,533	6.34
11	Bulk Energy sold by BPDB in GWh	22,622	24,757	5.81
12	Energy sold by BPDB's own Dist. Zones in GWh	4,814	5,222	8.49
13	System Loss in % of net generation	6.92	6.58	-0.34
14	Distribution loss (Excluding All Utilities) in %	14.43	13.57	-0.86
15	Maximum demand served in MW	4,130	4,162	0.78
16	Annual Plant Factor of BPDB plants in %			
	on the basis of Present (derated) capacity	55.64	56.47	0.83
17	System load factor in %	69.91	72.97	3.06
18	Cost of fuel in Million Taka	16,953	18,232	7.54
19	Cost of fuel/kWh in Taka	1.05	1.11	5.74
20	Supply cost Taka/kWh	3.08	3.07	-0.32
21	No. of consumers.	1,783,295	1,922,361	7.80
22	Amount billed in Million Taka	53,486	61,332	14.67
23	Average billing rate Taka/kWh .	2.36	2.56	8.47
24	Gross collection in Million Taka	54,060	58,995	9.13
25	Total population in Million	143	145	1.25
26	Per capita generation in kWh	176.87	183.26	3.61

Note:
GWh = Gigawatthour
1 GWh = 10^6 kWh
2008-2009 or FY 2009 is the fiscal year starting from July 2008 to June 2009.

HIGHLIGHTS

In FY 2009, the maximum generation was 4,162 MW compared to that of previous year 4,130 MW. Due to the shortage of available generation capacity with respect to the increasing demand, Bangladesh Power Development Board (BPDB) had to resort to load shedding, which varied upto 30.49 % of maximum demand. In this year load shedding was imposed on 351 days, which was 358 days in previous year. Although in FY 2009 the duration of load shedding has increased mainly due to shortage of generation for shortfall of gas supply to the gas based power Plants and shutdown of plants for maintenance. During FY 2009 total duration of Grid failure was 76 hours 22 minutes, which was about 6.97% lower than the interruption in FY 2008.

The maximum demand served in this year was 4,162 MW against the forecast demand of 6,066 MW as per updated Power System Master Plan (PSMP-2006). The net energy generated during FY 2009 total including IPP was about 25,622 GWh (Excluding energy purchased by REB from Private Generation), which depicts an increase of 5.39 % over that of FY 2008.

In the east zone, electricity generation was mainly done by indigenous gas based power plants and a small percentage from hydro power plant. In the west zone, imported liquid fuel, domestic coal, and natural gas were used for generation of electricity. Low cost electricity generated in the east zone, was also transferred to the west zone through 230 kV East-West Inter-connector (EWI). The energy transferred through EWI at the Ghorasal and Ashuganj end in FY2009 was 2548.99 GWh, which is 3.53 % increase over the previous year. The average fuel cost per unit generation of thermal power plants in the east and west zone under BPDB was Tk. 0.82/kWh and Tk. 3.87/kWh respectively. Hydro net generation during FY 2009 was 413.65 GWh, which was 56.44 % lower than that in the previous year.

System loss in BPDB system for FY 2009 was 6.58 % of net energy generation, which was 6.92 % in the FY 2008. The system loss was reduced in this financial year due to extensive drive and proper monitoring in commercial operation. The loss in BPDB's own distribution excluding REB was also reduced to 13.57 % in FY 2009 from 14.43 % in FY 2008.

The operating profit/(loss) (before interest) was (6518.65) Million Taka. The average cost of supply was Tk. 3.07/kWh compared to average tariff of Tk. 2.56 per kWh during the year. The rate of return on revalued fixed assets was (3.87 %) during the year under review, which was (3.87 %) in FY 2008 too.

A Board Meeting of BPDB

Signing of a contract between BPDB and Grameenphone for paying electricity bill through mobile phone.

Chapter 1

BANGLADESH POWER DEVELOPMENT BOARD

Present Board
5 January, 2010

A.S.M. Alamgir Kabir
Chairman

S.M. Mesbahul Islam
Member (Administration)

Md. Fazlul Hoque
Member (Finance)

Md. Mostafa Kamal
Member (Generation)

Md. Jamalullah
Member (Distribution)

Md. Delwar Hossain
Member (Planning & Development)

Md. Moqbul Hussain
Member (Company Affairs)

THE BOARD
(2008-2009)

Bangladesh Power Development Board (BPDB) was created in may 1, 1972 by Presidential Order No. 59 after bifurcation of erstwhile Bangladesh Water and Power Development Authority. Dhaka Electric Supply was separated from the operations of the BPDB w.e.f. October 1, 1991 to act as a separate Authority named Dhaka Electric Supply Authority (DESA) which has been transformed as Dhaka Power Distribution Company (DPDC) w.e.f. July 1, 2008.

In the recent past a number of Generation and Distribution companies have been created under the reform programme.

Ashuganj Power Station Company Ltd. (APSCL), Electricity Generation Company of Bangladesh (EGCB), North West Power Generation Company Ltd. (NWPGCL) and West Zone Power Distribution Company Ltd. (WZPDCL) have already started functioning as company under BPDB. North West Zone Power Distribution Company Ltd. (NWZPDCL) and South Zone Power Distribution Company Ltd. (SZPDCL) will start their function shortly.

The BPDB is responsible for major portion of generation and distribution of electricity mainly in urban areas of the country. The Board is now under the Power Division of the Ministry of Power, Energy and Mineral Resources.

With the aim to provide quality and reliable electricity to the people of Bangladesh for desired economic and social development, the power system has been expanded to keep pace with the fast growing demand.

During the year under report (2008-2009) Bangladesh Power Development Board consisted of the following Chairman and Member :

Chairman

Mr. Md. Showkat Ali (Up to April 5, 2009)
Mr. A.S.M. Alamgir Kabir (From April 6, 2009)

Member (Administration)

Mr. S.M. Shamsher Zakaria (Up to November 6, 2008)
Mr. S.M. Mesbahul Islam (From November 10, 2008)

Member (Finance)

Mr. M. Murtozaa Reza (Up to January 24, 2009)
Mr. S.M. Mesbahul Islam (From Jan. 25, 2009 to May 12, 2009)
Mr. Md. Fazlul Hoque (From May 12, 2009)

Member (Generation)

Mr. A.M.M. Murtaza Ali (Up to November 10, 2008)
Mr. S.M. Haider Ali (From Nov. 11, 2008 to January 29, 2009)
Mr. A.S.M. Alamgir Kabir (From Jan. 30, 2009 to April 1, 2009)
Mr. Tapan Kumar Chowdhury (From April 1, 2009)

Member (Distribution)

Mr. A.S.M. Alamgir Kabir (Up to April 21, 2009)
Mr. Md. Mostafa Kamal (From April 22, 2009)

Member (Planning & Development)

Mr. A.M.M. Murtaza Ali (Up to August 24, 2008)
Mr. A.S.M. Alamgir Kabir (From Aug. 25, 2008 to Nov.10, 2008)
Mr. Md. Badruzzaman Khan (From Nov.11, 2008 to Feb.01, 2009)
Mr. A.S.M. Alamgir Kabir (From Feb. 02, 2009 to Feb. 17, 2009)
Mr. Md. Abdul Malek (From February 18, 2009 to Feb. 26, 2009)
Mr. A.S.M. Alamgir Kabir (From Feb. 27, 2009 to March 30, 2009)
Mr. Md. Delwar Hossain (From March 31, 2009)

Member (Transmission & System Operation)

Mr. A.M.M. Murtaza Ali (Up to November 10, 2008)
Mr. S.M. Haider Ali (From Nov. 11, 2008 to January 29, 2009)
Mr. A.S.M. Alamgir Kabir (From Jan. 30, 2009 to April 1, 2009)
Mr. Tapan Kumar Chowdhury (From April 1, 2009)

Chapter 2

OPERATION

Construction work of 150 MW Shikalbaha Peaking Power Plant

Mr. A.S.M. Alamgir Kabir, Chairman BPDB visiting the construction site

POWER DEMAND

The forecast maximum demand for FY 2009 was 6,066 MW as per Update Power System Master plan (PSMP 2006). The maximum demand served during this year was 4,162 MW, which was 0.80 % higher than that in the previous year.

LOAD FACTOR AND LOAD MANAGEMENT

Consumers' demand in BPDB system, as in any other electric utility, varies throughout the day and night. The maximum demand occurs during 5 pm to 11 pm termed as 'peak hour'. The extent of this variation is measured in terms of Load Factor, which is the ratio of average and maximum demand. For economic reasons, it is desirable to have a high Load Factor, as this would permit better utilization of plant capacity. The cost of energy supply during peak hour is high as some relatively costlier power plants are required to be used during peak hour.

There are certain categories of consumers who can avoid or reduce electricity consumption during peak hour. As such, effort is made to discourage those consumers not to use electricity during peak hour. Attempt has also been made to apply two-part tariff, by which consumers of certain categories are billed at higher rate for their consumption during peak hour, which would motivate them to consume less electricity at peak hour and more electricity during off peak hour. Market & shopping malls are closed after 8.0 PM to reduce electricity consumption in the peak hour to mitigate load shedding problem. Holiday staggering for industries is being done to mitigate load-shedding problem in the country. Day light saving scheme is already implemented. About 200 MW demand reduced by shifting time one hour.

BPDB installed a total of 41,652 numbers double tariff programmable meters during the FY2009. Out of these, 39,114 numbers were installed for LTI (Low Tension Industrial) consumers and 2,538 numbers were for HT (High Tension) consumers. The replacement of Electromechanical HT metering unit with programmable HT metering unit is going on .The replacement of 2(Two) Elements HT metering unit by 3(Three) Elements HT metering unit is going on. The load factor in FY 2009 was 72.64 % compared to 69.91 % in FY 2008. The higher load factor was attributed with better load management.

INSTALLED CAPACITY

Although the total installed capacity was 5493 MW including 1330 MW in IPP and 351 MW in Rental Power Plant (Excluding REB). The maximum available generation was only 4162.10 MW. The reasons for lower availability were (1) some plants were out of operation for maintenance, rehabilitation & overhauling, (2) capacity of some plants were derated due to aging and (3) gas shortage. The installed capacity mix including IPP is shown below:

By type of plant			By type of fuel		
Hydro	: 230 MW	(4.19%)	Gas	: 4542 MW	(82.69%)
Steam Turbine	: 2638 MW	(48.03%)	Furnace Oil	: 280 MW	(5.09%)
Gas Turbine	: 997 MW	(18.15 %)	Diesel	: 191 MW	(3.48%)
Combined Cycle	: 1359 MW	(24.74%)	Hydro	: 230 MW	(4.19 %)
Diesel	: 269 MW	(4.89 %)	Coal	: 250 MW	(4.55%)
TOTAL	: 5,493 MW	(100.00 %)	TOTAL	: 5,493 MW	(100.00%)

GENERATION

The peak generation during FY 2009 was about 4162 MW, which was about 0.80% higher than previous year's peak generation of 4130 MW. During this year 15,449 GWh of net energy was generated in the public sector power plants under BPDB. In addition to the above about 10,173 GWh of electricity was purchased by BPDB from IPP (Independent Power Producer) & Rental Power Plants in the private sector. As a result, the net energy generated by public and private sector power plants stood at 25,622 GWh (Excluding Power purchase by REB from IPP), which was 5.39 % higher than the previous year's net generation of 24,311 GWh.

Total net energy generated by the public (BPDB) and private sector power plants (IPP) by type of fuel were as follows:

Hydro	:	413.65	GWh	(1.62%)
Natural Gas	:	22660.75	GWh	(88.44%)
Furnace Oil	:	996.41	GWh	(3.89%)
Diesel	:	520.52	GWh	(2.03%)
Coal	:	1030.60	GWh	(4.02%)
Total	**:**	**25,621.93**	**GWh**	**(100%)**

OVERALL EFFICIENCY

The overall thermal efficiency (Net) of the generators in the public sector in FY 2009 was 31.99 % compared to 31.81 % in the previous year.

The following table shows the generators, which were under maintenance in FY 2009. Some minor maintenance has not been shown in the table.

First Board Meeting of South Zone Power Distribution Company held in WAPDA Building.

MAINTENANCE OF GENERATORS IN FY 2009

GENERATORS	DURATION OF MAINTENANCE		REMARKS
	DATE STARTED	DATE COMPLETED	
Ashugonj (ST)	20-10-2007	20-08-2008	Maintenance
Karnafuly Hydro (Unit-3)	19-04-2008	--	Maintenance
Gorashal Power Station (Unit-1)	30-09-2008	--	Maintenance
Khulna 110 MW Power Station	31-03-2009	--	Maintenance
Khulna 60 MW Steam	05-07-2006	--	Overhauling

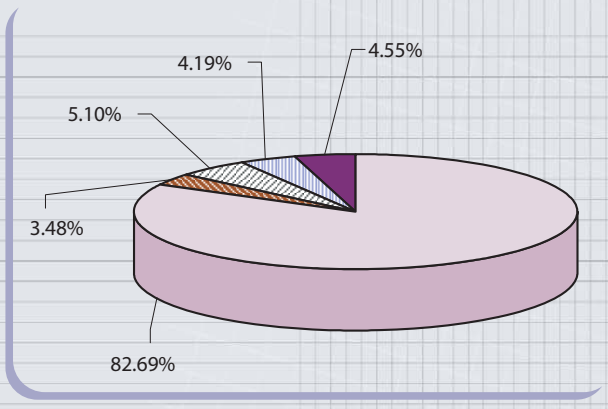
PLANT WISE GENERATION (FY 2009)

Sl. No.	Name of power plant	Type of fuel	Installed Capacity (As of June) (MW)	Derated Capacity (As of June) (MW)	Gross Energy Generation (GWh)	Annual Plant factor (%)	Efficiency (%) (Net)	Overall Thermal Efficiency(%) (Net)
1	Karnafuli Hydro(2x40 MW+3x50 MW)	Hydro	230	230	416.52	20.67		
2	Chittagong Thermal Power Plan Unit #-1	Gas	210	180	569.20	36.10	27.54	
	Chittagong Thermal Power Plan Unit #-2	Gas	210	180	521.60	33.08	28.06	
3	Sikalbaha 60 MW Steam Turbine	Gas	60	40	22.83	6.52	25.88	
	Sikalbaha 2x28 MW Barge Mounted GT	Gas	28	10	-	0.00	18.23	
4	Ashuganj 2x64 MW Steam Turbine	Gas	128	128	863.85	77.04	30.03	
	Ashuganj 3x150 MW Steam Turbine	Gas	450	380	2,853.68	85.73	31.98	
	Ashuganj GT 1	Gas	56	40	258.89	73.88	20.20	
	Ashuganj ST	Gas	34 (CC)	18	84.53	53.61	23.39	
	Ashuganj GT 2 *	Gas	56	40	272.80	77.85	23.39	
5	Ghorasal 2x55 MW Steam Turbine (1+2nd Unit)	Gas	110	85	245.16	32.92	23.89	
	Ghorasal 2x210 MW Steam Turbine(3+4th Unit)	Gas	420	380	2,322.66	69.77	33.04	
	Ghorasal 2X210 MW S/T (5+6th Unit)	Gas	420	380	2,567.94	77.14	32.93	
6	Siddhirganj 210 MW Steam Turbine	Gas	210	190	711.91	42.77	33.41	
7	Haripur 3x33 MW Gas Turbine	Gas	96	96	194.70	23.15	21.79	
8	Tongi 100 MW Gas Turbine	Gas	105	105	454.99	49.47	26.83	
9	Shahjibazar Gas Turbine(4 units)	Gas	60	38	103.28	31.03	16.44	
	Shahjibazar 60 MW Gas Turbine	Gas	70	69	453.28	74.99	28.80	
10	Sylhet 1x20 MW Gas Turbine	Gas	20	20	78.29	44.69	24.70	
11	Fenchuganj C.C. (1st Unit)	Gas	97	91	599.86	75.25	40.20	
	Fenchuganj C.C. (2nd Unit)	Gas			29.67			
12	Khulna 1x110 MW Steam Turbine	F.oil	110	60	277.23	52.74	25.04	
	Khulna 1x60 MW Steam Turbine	F.oil	60	35	-	0.00	-	
13	Barisal 2x20 MW Gas Turbine	HSD	40	32	84.39	30.11	20.43	
	Barisal Diesel(9 units)	HSD	6	3.0	1.84	6.99	18.16	
14	Bhola Diesel	HSD	3.0	2.0	5.98	34.12	26.58	
		FO			-			
	Bhola New	HSD	2	2.0	1.46	8.36	35.37	
15	Bheramara 3x20 MW Gas Turbine	HSD	60	54	110.12	23.28	24.37	
16	Baghabari 71 MW Gas Turbine	Gas	71	71	463.27	74.49	27.83	
	Baghabari 100 MW Gas Turbine	Gas	100	100	632.72	72.23	28.72	31.99
17	Rangpur 20 MW Gas Turbine	HSD	20	20	21.28	12.14	21.02	
17	Saidpur 20 MW Gas Turbine	HSD	20	19	32.28	19.40	22.60	
18	Barapukuria 2x125 MW ST (COAL)	COAL	250	220	1,172.24	60.83	32.26	
19	Thakurgaon 3x1.5 MW Diesel***	LDO	3	3	0.48	1.84		
	Total(Grid)		**3815**	**3321**	**16428.92**	**56.4724**		
20	Isolated East	HSD			1.72			
	Isolated West	HSD			-			
	TOTAL BPDB		**3815**	**3321**	**16430.64**			
	BPDB Station Uses				**982.03 GWh**			
	IPP							
1	KPCL (Khulna,BMPP)	FO	110	106	748.24			
2	WEST MONT(Baghabari,BMPP)	Gas	90	70	505.45			
3	NEPC(Haripur, BMPP)	Gas	110	110	624.16			
4	RPC(Mymensingh)	Gas	210	175	957.34			
5	AES, Haripur	Gas	360	360	2,585.01			
6	AES, Meghnaghat	Gas	450	450	3,411.33			
	Sub-Total IPP		1330	1271	8831.52			
	RENTAL & SIPP							
1	Bogra Rental (15 Years)	Gas	18	18	137.11			
2	Khulna Rental (3 Years)	HSD	40	40	263.80			
3	Kumargoan (3 Years)	Gas	48	48	270.48			
4	Sahzibazar RPP (3 Years)	Gas	50	50	178.15			
5	Sahzibazar RPP (15 Years)	Gas	86	86	281.14			
6	Tangail SIPP (22 MW) (BPDB)	Gas	22	22	95.71			
7	Feni SIPP (22 MW) (BPDB)	Gas	22	22	67.33			
8	Kumargao 10 MW (15 Years)	Gas	10	10	27.28			
9	Barabkundu	Gas	22	22	20.79			
10	Jangalia, Comilla	Gas	33	33	-			
	Sub-Total RENTAL & SIPP		351	351	1341.79			
	Total Private (Net Generation)		1681	1622	10173.307			
	BPDB Net Generation				15,448.62			
	Total Net Generation(BPDB+IPP Net)				25,621.93			
	Total Generation(BPDB Gross+IPP& Rental net)		**5493**	**4940**	**26,603.95**			

*** Install & Derated Capacity of Thakurgaon Diesel is shown 0 MW.

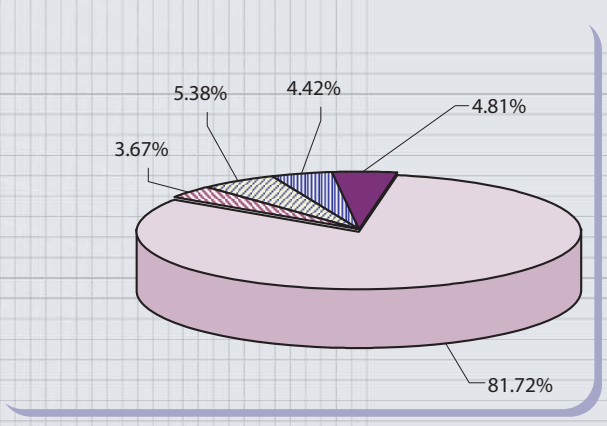
INSTALLED CAPACITY COMPARISON

FY 2009

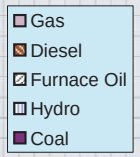


Total = 5493 MW

FY 2008



Total = 5202 MW



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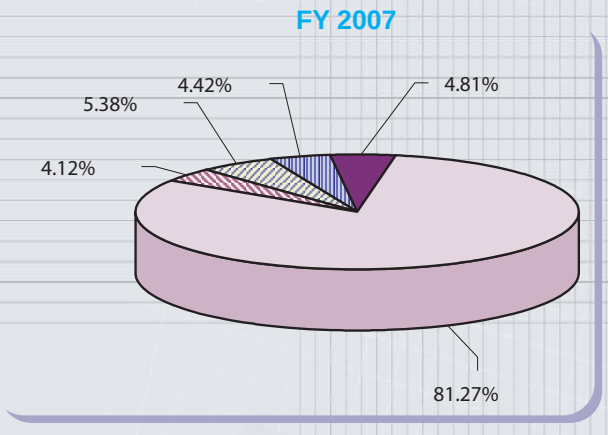
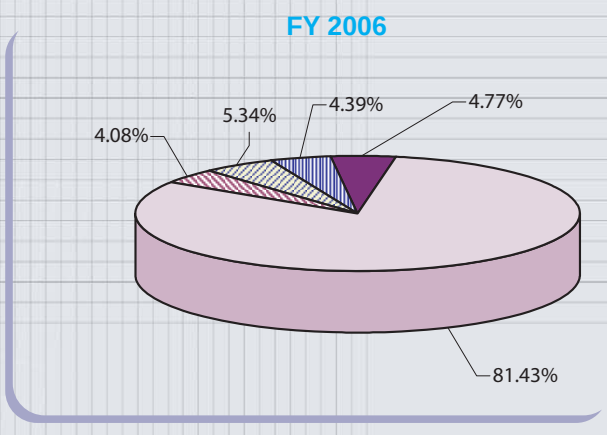


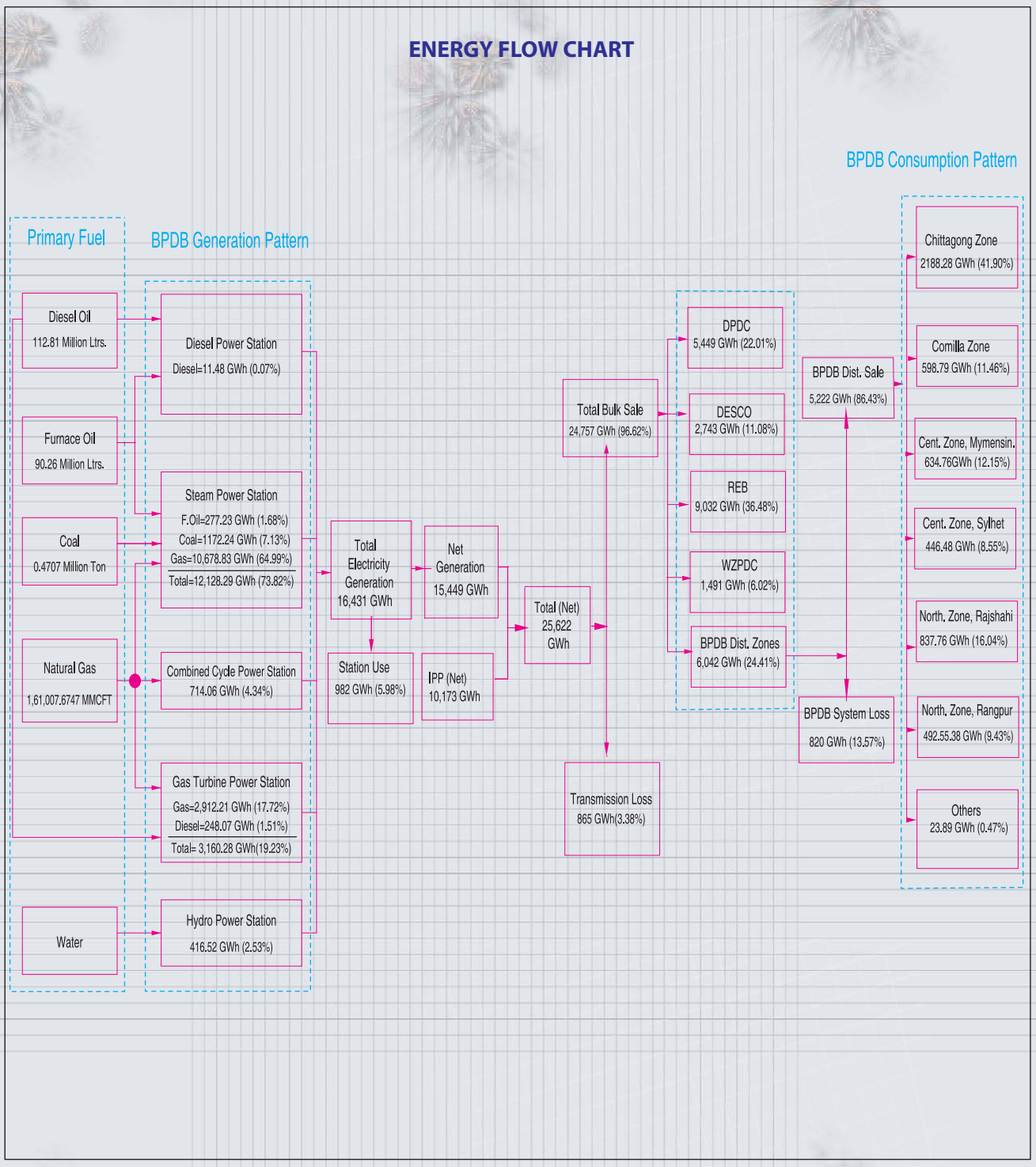
Total = 5202 MW

FY 2006



Total = 5245 MW

ENERGY FLOW CHART



PER UNIT SUPPLY COST

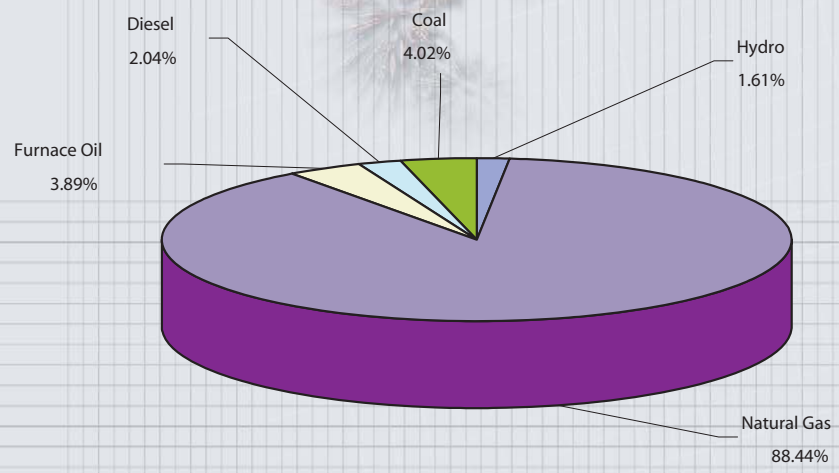
In Million Taka

Details	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
1. Operating Expenses	18,071.91	20,031.68	20,596.68	22,068.40	23,783.60	23,481.25	23,224.38	21,281.9730	23,827.767	27,711.034	29,984.897	33,070.609	33,490.705
i. Fuel Expenses	9,274.03	9,940.55	9,669.18	9,143.80	11,153.87	10,979.85	11,838.34	10,828.7030	13,291.120	16,329.504	16,759.846	16,953.417	18,232.175
ii. Repairs & Maintenance	470.51	1,219.38	1,571.85	2,411.60	2,446.94	1,932.47	1,394.12	1,725.8220	2,196.100	2,376.770	2,275.207	2,242.899	3,018.849
iii. Salaries & Wages	1,781.46	1,849.98	1,083.60	2,336.90	2,322.48	2,479.28	2,527.62	2,399.7860	1,976.796	2,172.120	2,517.588	5,722.797	3,680.232
iv. Administration Expenses	567.77	568.16	414.50	1,087.20	860.27	852.26	808.45	629.1380	407.009	648.410	632.511	921.806	772.600
v. Depreciation	5,963.14	6,438.61	6,655.65	7,002.30	6,932.69	7,180.86	6,617.57	4,704.9100	4,989.200	5,052.360	6,565.597	7,214.689	7,381.159
vi. Other	15.00	15.00	1,201.90	86.60	67.36	56.53	38.28	993.6140	967.542	1,131.870	1,234.148	15.000	405.690
2. Electricity Purchase From IPP	-	-	1,216.80	3,639.50	7,882.41	10,865.13	13,337.92	15,685.8943	17,325.065	21,281.570	21,068.669	27,871.776	23,849.307
3. Electricity Purchase From RPP	-	-	-	-	-	-	-	-	-	-	-	309.04	6,588.11
4. Electricity Purchase From SIPP													390.69
5. Electricity Purchase From APSCL	-	-	-	-	-	-	-	4,547.5217	4,634.553	4,100.040	4,097.352	4,000.170	5,990.340
6. Wheeling charges to PGCB	-	-	-	-	451.91	796.73	1,538.97	1,243.1010	1,372.200	1,161.640	1,215.547	1,273.603	1,312.520
7.Financing and other charges	2,319.12	2,583.22	2,554.61	3,077.00	2,890.67	2,554.91	2,205.03	1,561.0540	1,743.236	1,355.440	2,149.858	2,222.900	2,086.920
8.Exchange Rate Fluctuation	-	-	-	-	-	-	-	1,418.1070	1,309.079	1,061.950	92.884	1,016.766	(334.511)
9. Total Expenses (1+2+3+4+5+6) *	20,391.03	22,614.90	24,368.09	28,784.90	35,008.59	37,698.02	40,306.30	45,737.6510	50,211.900	56,671.674	58,609.207	69,764.860	73,374.080
10. Electricity sales (MkWh)	9,446.85	10,176.00	11,352.28	12,461.13	14,002.71	15,243.27	16,331.56	18,023.61	19,195.870	20,954.270	21,181.370	22,622.030	23,936.760
11. Per Unit Supply Cost (9/10) (Tk./kWh)	2.16	2.22	2.15	2.31	2.50	2.47	2.47	2.54	2.62	2.70	2.77	3.08	3.07

* Includes Exchange Rate Fluctuation from FY 2004 only.

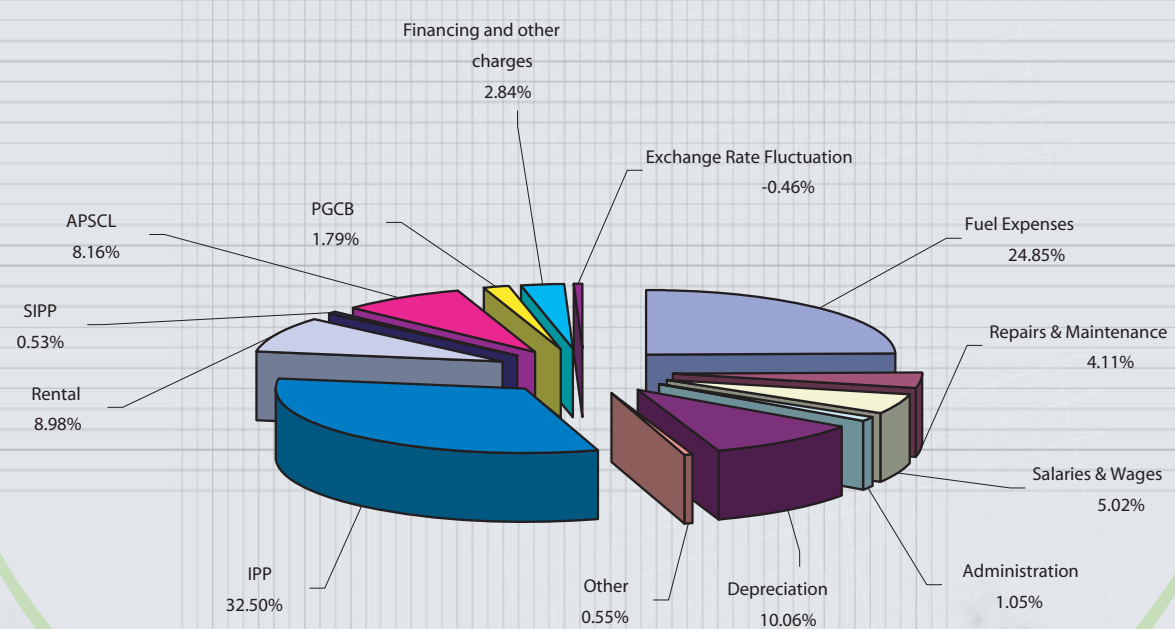
Signing of a contract between BPDB & Marubeni Corporation for Rehabilitation of unit 4 & 5 of Karnafuli Hydro Power Station.

GENERATION PATTERN (FY 2009)



Total Net Generation: 25,622 MkWh

ELECTRICITY SUPPLY COST FY 2009

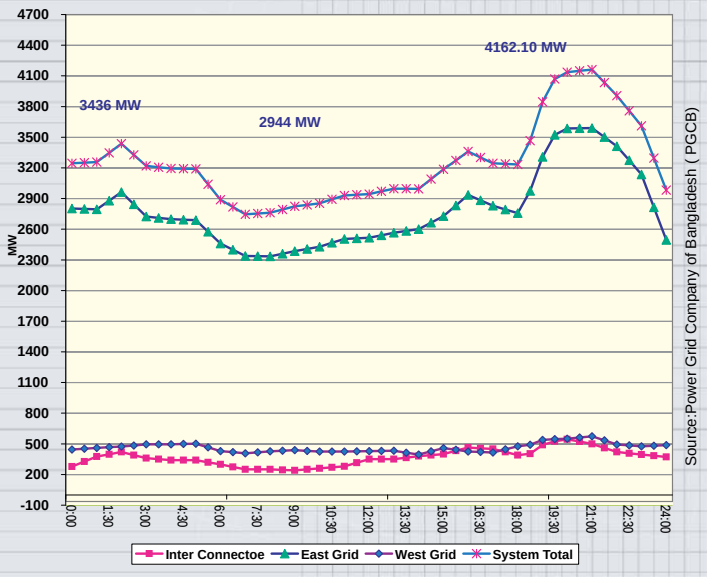


Supply Cost : Tk. 3.07 / kWh
Average Billing Rate : Tk. 2.56 / kWh

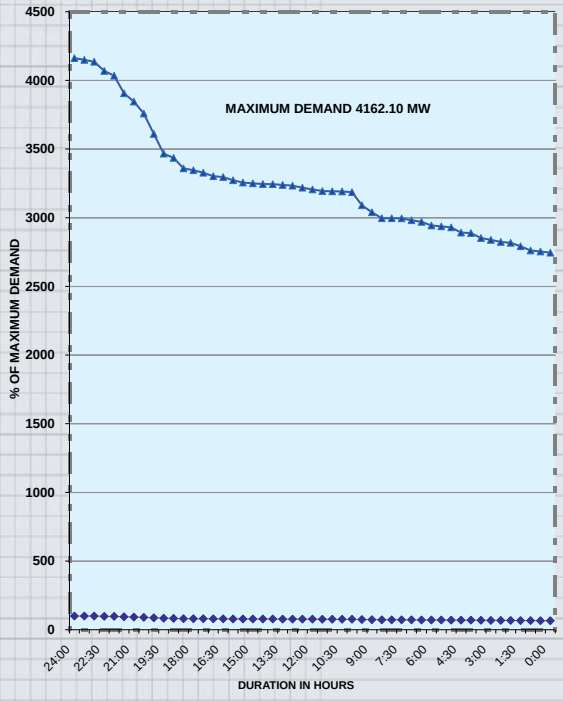
COST OF FUEL IN TAKA PER KWH AT DIFFERENT MODE OF GENERATION

NAME OF PLANT	EAST ZONE		WEST ZONE	
	2007-08	2008-09	2007-08	2008-09
Diesel Station	----	----	11.738	12.946
Gas Turbine(Oil Fired)	----	----	15.907	18.975
Gas Turbine(Gas Fired)	1.182	1.042	0.929	0.955
Combined Cycle (Gas Fired)	0.796	0.726	----	----
Steam Turbine (Oil Fired)	----	----	6.479	9.614
Steam Turbine (Gas Fired)	0.094	0.093	----	----
Steam Turbine (Coal Fired)	----	----	1.625	1.992
Overall Fuel Cost Per Unit Of Thermal Generation	0.83	0.822	3.503	3.868

DAILY LOAD CURVE



LOAD DURATION CURVE



Mr. A.S.M. Alamgir Kabir, Chairman BPDB addressing the newly appointed apprentice Engineers at the Board Room. Later Chairman inaugurated the Foundation Training Course.

TRANSMISSION LINE

During FY 2008-09, Sirajganj-Bogra 72 km double circuit 230 kV transmission line, Ishurdi-Baghabari 55 km & Baghabari-Sirajganj 38 km 230 kV double circuit transmission lines were completed and energized. Constructions of several 132 kV lines are under way. Some of them will be commissioned very soon. The length of 230 kV and 132 kV line of whole transmission network have been increased to 1323-route km and 3191.8 route km respectively.

SUB-STATIONS

In FY 2008-09 the total capacity of 230/132 kV Grid Substations was 6625 MVA and total of 225 MVA of new capacity of transformer were added. In this fiscal year a new 230/132 kV 225 MVA substations at Baghabari has been commissioned. There was very small increase in total system capacity of 132/33 kV S/S that is from 9513 MVA to 9529 MVA.

SYSTEM OPERATION

In FY 2009 the total duration of Grid failure was 76 hours 22 minutes, which was about 6.97% lower than the interruption in FY 2008. In FY 2009 gas & hydro based energy generation was 88.44% & 1.61% respectively and liquid fuel based generation was 5.93 % and coal based generation was 4.02 % of total net generation compared to 86.25% & 3.91% and 5.57 % and 4.27 % respectively in FY2008.

Dohajari Grid Sub-station

INTERRUPTION OF NATIONAL GRID FOR FY 2008 & 2009

Sl. No.	Type of Fault	Total Number of Faults		Total Duration	
		FY 2008	FY 2009	FY 2008 Hours/ Minutes	FY 2009 Hours/ Minutes
1.	Partial Power failure due to trouble in generation	155	95	15/45	06/44
2.	Partial Power failure due to trouble in grid S/S Equipment	14	15	28/14	50/43
3.	Partial Power failure due to fault in transmission line	7	14	32/17	16/55
4.	Partial Power failure due to the lightning on transmission line/Thunder Storm	02	02	02/03	00/32
5.	Partial Grid failure	06	05	03/40	01/28
6.	Total Grid failure	01	00	00/06	00/00
	Total	**185**	**131**	**82/05**	**76/22**

DISTRIBUTION

The total length of distribution lines of 33 kV is 3,763 km, 11 kV is 9,449 km. and 0.4 kV is 15,965 km. i.e. total distribution lines is about 29,177 km at the end of FY 2009.

NUMBER OF CONSUMER

The total number of consumers at the end of FY 2009 was 19,22,361 compared to 17, 83,295 at the end of FY 2008. This was about 7.80% increase over FY 2008.

FINANCIAL OPERATION

Sales & Revenue Collection

The energy sales (including bulk sales to DESA, DESCO, WZPDC and REB) in this year increased to 23,937 GWh, which is 5.81 % increase over the previous year. The Revenue collection was Tk. 58,922 million in FY 2009, which is 9 % higher than that of the previous year.

Fuel Price

The price of Natural Gas were 73.91 Tk./1000 Cft in FY 2009. The price of High Speed Diesel (HSD), Light Diesel Oil (LDO) and Super Kerosene Oil (SKO) were 42.71 Tk./litre. Furnace Oil (F.Oil) price increased from 20.00 Tk./litre to 26.00 Tk./litre with effect from 15-03-09.

Distribution System Loss

Distribution loss in BPDB's own distribution zones has decreased to 13.57 % from 14.43% in FY 2009.

Tariff

The average billing rate stood at Tk. 2.56 per kWh during the year, compared to the previous year's rate of Tk. 2.36 per kWh. This increase is mainly due to increase of bulk tariff, which effected from October'2008.

Profit and Loss

The following indicator will throw some light on the financial performance of BPDB during the reporting period.

* Total revenue	M Tk. 63632.66
* Gross operating profit/ (Loss)	M Tk. (6518.65)
* Net (Loss)	M Tk. (8286.06)
* Accounts Receivable (Trade)	M Tk. 47030.74
* Rate of return % (on net fixed asset)	M Tk. (3.87 %)

MANUFACTURE OF PRE STRESSED CONCRETE POLES

To meet the growing demand of poles required for the expansion of Distribution Network, BPDB decided to set up plants to manufacture 33 kV, 11 kV and 0.4 kV pre stressed concrete poles using latest technology. The first factory was constructed at Ghorashal in the year 1981 at a cost of Tk. 3.0 cores; the second one at Halishahar, Chittagong in the year 1987, at a cost of Tk. 11.05 cores and the third one at Aricha by the side of river Jamuna in the year 1988, at a cost of Tk. 17.92 cores. But the production of Ghorashal plant is stopped since April 2001 due to expansion of Ghorashal 210 MW 6th unit power plant.

Mr. Md. Abul Kalam Azad, Secretary Power Division visiting the Ghorasal Power Station.

CHITTAGONG P.C. POLE MANUFACTURING PLANT

Details	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
1. Nos. of poles manufactured												
i) 33 kV poles a) 15 x 220	311	981	1,596	842	1,146	1,040	438	1,160	1,071	738	860	1,152
b) 15 x 190	524	163	298	716	676	723	564	1,256	1,901	600	582	499
ii) 11 kV poles 12 x 190	1,581	3,334	4,397	5,471	5,913	9,697	10,185	7,055	6,680	7,884	7,678	3,075
iii) 0.4 kV poles 9 x 140	5,222	3,548	3,723	6,793	6,639	12,654	9,430	7,825	9,474	7,808	7,285	2,153
2. Cost per no. of pole (Tk.)												
i) 33 kV poles a) 15 x 220	20,000	20,000	20,000	16,821	16,821	16,821	20,185	23,180	23,180	23,180	31,650	35,740
b) 15 x 190	17,000	17,000	17,000	15,150	15,150	15,150	18,180	20,908	20,908	20,908	27,833	32,353
ii) 11 kV poles 12 x 190	14,400	14,400	14,400	11,005	11,005	11,005	13,206	15,119	15,119	15,119	18,891	20,383
iii) 0.4 kV poles 9 x 140	7,000	7,000	7,000	5,885	5,885	5,885	7,062	7,902	7,902	7,902	8,310	8,629
3. Production Capacity (Nos.)												
i) 33 kV poles a) 15 x 220	800	1,000	600	800	1,500	1,000	460	2,000	2,000	2,000	2,000	2,000
b) 15 x 190	1,000	500	500	700	800	600	600	2,000	2,000	2,000	2,000	2,000
ii) 11 kV poles 12 x 190	4,000	4,000	5,000	4,000	8,400	8,400	10,725	7,500	7,500	7,500	7,500	7,500
iii) 0.4 kV poles 9 x 140	5,300	4,000	4,000	4,500	9,300	10,000	9,900	8,500	8,500	8,500	8,500	8,500
4. Use of production capacity (%)	68.81	84.48	99.15	71.87	138.22	120.57	95.07	86.84	95.63	85.45	82.03	34.39

5. Specification of poles :	Top Dia (mm)	Bottom Dia (mm)	Length (mm)	Wall Thickness (mm)	Av. Weight (Kg)	Design Load (Kg)	Pole Designation
i) 33 kV poles a) 15 x 220	220	420	15,000	55	2180	650	15 x 220x650
b) 15 x 190	190	390	15,000	50	1840	550	15 x 190x550
ii) 11 kV poles 12 x 190	190	350	1,200	50	1220	450	12 x 190x450
iii) 0.4 kV poles 9 x 140	140	260	9,000	40	500	250	9 x 140x250

ARICHA P.C. POLE MANUFACTURING PLANT

Details	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
1. Nos. of poles manufactured												
i) 33 kVpoles 22.5x230	----	----	----	----	----	----	----	----	----	----	----	----
15x230	61	----	17	39	----	----	----	----	----	----	----	----
ii) 11 kV poles 12x230	751	240	720	1,450	3,449	4,007	3,508	2,722	1,338	2,238	1,583	929
11x230	4,300	3,416	3,674	5,090	6,884	5,162	5,170	6,673	3,790	3,852	729	836
iii) 0.4 kV poles 9 M	4,022	3,371	4,640	6,501	12,046	14,859	12,342	10,610	8,009	9,912	4,691	3286
2. Cost per no. of pole (Tk.)												
i) 33 kV poles 22.5 M	---	---	---	39,014	39,014	39,014	39,014	45,589	---	---	---	---
15 M	15,880	16,516	20,550	21,246	21,246	21,246	21,246	24,816	24,816	28,119	41,669	36713
ii) 11 kV poles 12 M	10,642	10,868	13,802	14,197	14,197	14,197	14,197	15,783	15,783	17,328	24,486	21574
11 M	9,400	9,634	12,385	12,652	12,652	12,652	12,652	13,910	13,910	15,313	21,066	18560
iii) 0.4 kV poles 9 M	4,501	4,669	6,072	6,262	6,262	6,262	6,262	6,694	6,694	7,074	9,558	8421
3. Production Capacity (Nos)												
i) 33 kV poles 22.5 M	---	---	---	25	25	25	25	25	---	---	---	---
15 M	300	100	300	300	340	200	200	200	---	---	---	---
ii) 11 kV poles 12 M	1,500	1,500	900	900	2,000	3,000	3,000	3,000	4,000	4,000	4,000	4000
11 M	4,000	4,000	4,000	4,000	8,000	5,000	5,000	5,775	5,000	5,000	5,000	5000
iii) 0.4 kV poles 9 M	4,200	4,400	4,800	4,800	9,660	11,000	11,000	11,000	11,000	11,000	11,000	11000
4. Use of production capacity (%)	91.34	70.27	90.51	130.80	111.90	120.14	105.10	100.03	65.68	80.01	35.01	25.26

5. Specification of poles :	Top Dia (mm)	Bottom dia (mm)	Wall Thickness (mm)	Pole Weight (Kg)	Design Load (Kg)	Pole Designation
i) 33 kv poles 22.5 M	230	530	55	3092.86	587	--
15 M	230	430	55	1,719.78	500	15 x 230x500
ii) 11 kv poles 12 M	230	390	55	1,249.44	400	12x230x400
11 M	230	375	55	1,110.46	350	11 x230x350
iii) 0.4 kv poles 9 M	150	270	50	522.50	200	9x150x200

A Meeting of Parliamentary Standing Committee on Ministry of Power, Energy & Mineral Resources at Shangsad Bhaban.

Mr. Md. Abul Kalam Azad, Secretary Power Division addressing the officers of BPDB at the Board Room.

Chapter 3

PLANNING AND DEVELOPMENT

Members of Parliamentary Standing Committee on Ministry of Power, Energy & Mineral Resources headed by its Chairman Major General (Rtd.) Subid Ali Bhuyan visiting the Ghorasal Power Station.

PLANNING & DEVELOPMENT

The Power System Master Plan (PSMP) was updated by BPDB in 2006 with the help of Nexant, USA as consultants under the Technical Assistance from Asian Development Bank (ADB). In the PSMP of 2006 least-cost power system expansion, especially generation and transmission expansion plans were prepared covering a period of 20 years (2005-2025). The addition sequences are being reviewed by BPDB incorporating latest changes in power developments. BPDB has got short-term, mid-term and long-term plan for Power Development. The projects under short-term plan are at various stages of implementation. BPDB, attached due importance to training programmes to improve the knowledge and skill of employees in various jobs. Microcomputers are being used in planning departments for analysis of power system, storage of relevant data and formulation of plans.

DEVELOPMENT ACTIVITIES IN FY 2009

A total of 12 projects were included in the Revised Annual Development Program (RADP) of FY2009.

These are as follows:

1. Generation projects - 07 nos.
2. Distribution projects - 05 nos.

Projects the following were completed in FY 2009:

1. Land and Infrastructure Development for Power Generation Hub at Sirajgonj.
2. Greater Chittagong Power Distribution Project, Phase-3.
3. Pre-paid metering pilot scheme.
4. Technical Assistance for the Corporatization of BPDB.

The Original Allocation, Revised Allocation & the Expenditure incurred (provisional) during FY 2009 is shown in the following table.

ANNUAL DEVELOPMENT PROGRAMME (ADP): FY 2009

(Taka in lakh)

Sub-Sector	Original ADP (FY 2009)			Revised ADP (FY 2009)			Expenditure incurred in FY 2009		
	Total	Local	Foreign	Total	Loca l	Foreign	Total	Local	Foreign
Generation	91570	71317	20253	52181	46202	5979	38576.43	34046.46	4529.97
Transmission	0	0	0	0	0	0	0	0	0
Distribution	33501	19501	14000	7401	3901	3500	4805.01	1865.69	2939.32
TAPP	0	0	0	0	0	0	0	0	0
Total	125071	90818	34253	59582	50103	9479	43381.44	35912.15	7469.29

Mr. A.S.M. Alamgir Kabir, Chairman, BPDB addressing the senior officers of Distribution Zones of BPDB at a revenue meeting at WAPDA Building.

PROJECTS UNDER IMPLEMENTATION: FY 2009

Taka in lakh

Sl. No.	Name of projects	Estimated cost in lakh Taka (Total: ocal: PA:)	Achievement during 2008-2009	Source of Finance	Physical Target of the Project in % 2008-2009	Physical Progress of the project in % 2008-2009	Cumulative progress in %	Year of completion
1	2	3	4	5	6	7	8	9
	GENERATION PROJECTS							
1.	Sylhet 90 MW Combined Cycle Power Plant (2nd Unit)	71723 71723 0.00	This unit will come in operation very soon.	GOB	10.50%	10.25%	96.50%	2009-10
2.	Shikalbaha 150 MW Peaking Power Plant Project	77798 77798 0.00	Project work is going on & will be completed in this FY.	GOB	45.00%	45.00%	45.00%	2009-10
3.	Chandpur 150 MW Combined Cycle Power Plant & Associated Power Evacuation Facilities	68694 68694 0.00	Tender evaluation completed from BPDB & other process is going on.	GOB	0.50%	0.25%	29.25%	2009-10
4.	Sylhet 150 MW Combined Cycle Power Plant & Associated Power Evacuation Facilities	103742 103742 0.00	Tender evaluation completed .	GOB	2.00%	1.90%	21.90%	2010-11
5.	Rehabilitation of Karnafuli Hydro Power Station Unit-3	17515 5190 12325	Rehabilitation works of this project will be completed in this financial year .	Italy	47.00%	45.00%	83.00%	2009-10
6.	Haripur GTPS 1stc 2nd & 3rd unit rehabilitation	19476 19476 0.00	Project is completed.	JDCF (Japan)	6.00%	6.00%	100.00%	2008-09
7.	Rehabilitation & Modernization of Unit 1 & 2 Ghorasal Power Station	21024 8761 12263	After rehabilitation works of unit -1 of Ghorasal Power Station is in operation since 14th August 2009. Renovation works of unit-2 will be started very soon.	Supplier* s Credit Russia	10.00%	1.40%	88.40%	2009-10

Rehabilitation work of Karnafuli Hydro Power Station Unit-3

Sl. No	Name of projects	Estimated cost in lakh Taka (Totał Local: PA:)	Achievement during 2008-2009	Source of Finance	Physical Target of the Project in % 2008-2009	Physical Progress of the project in % 2008-2009	Cumulative progress in %	Year of completion
1	2	3	4	5	6	7	8	9
	DISTRIBUTION PROJECTS							
8.	10 Town Power Distribution System Development Project	60120 24889 35231	Line works of this project is running. but 33/11 kV Sub-station*s works is under progress.	ADB, NDF NORAD	19.00%	19.00%	77.60%	2009-10
9.	Emergency Rehabilitation & Expansion of Urban Areas Power Distribution under Chittagong Zone	11775 11775 0.00	Initial work of this project is carried on.	GOB	10.00%	9.00%	9.00%	2009-10
10.	Emergency Rehabilitation & Expansion of Urban Areas Power Distribution under Rajshahi Zone	8431 8431 0.00	Initial work of this project is carried on.	GOB	3.00%	0.00%	0.00%	2010-11
11.	Prepayment Metering Project for Distribution Southern Zone Chittagong	13736 13736 0.00	Initial work of this project is carried on.	GOB	2.00%	0.00%	0.00%	2009-10
12.	Greater Chittagong Power Distribution Project SCADA Rehabilitation	10841 3000 7841	Initial work of this project is carried on.	Kuwait	0.00%	0.00%	0.00%	2009-10

Advocate Shamsul Hoque Tuku, Hon'ble State Minister for Power, Energy & Mineral Resources addressing the senior officers of BPDB at WAPDA Building.

Mr. Md. Showkat Ali, Chairman, BPDB addressing a meeting on Energy Conservation at the Board Room.

Two young Engineers presenting their papers on Carbon Efficient Project in a seminar at the Board Room.

Chapter 4

TABLES AND CHARTS

Meter sealing by a technician of BPDB

A distribution line constructed by Urban Project, Comilla

LIST OF TRANSMISSION LINES

(As of June 2009)

A.) 230 KV Transmission Lines

Sl. No.	Name of Lines	Length in Route kilometers	Lenth in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
1	East - West Interconnector .	179	358	Double	Mallard	795 MCM
2	Tongi - Ghorasal	27	54	Double	Mallard	795 MCM
3	Ghorasal - Ashuganj	44	88	Double	Mallard	795 MCM
4	Raojan - Hathazari	22.5	45	Double	Twin 300 sq.mm	
5	Ashuganj - Comilla North	79	158	Double	Finch	1113 MCM
6	Ghorasal - Rampura	46	92	Double	Twin Mallard	2x795 MCM
7	Rampura - Haripur	26	52	Double	Twin Mallard	2x795 MCM
8	Haripur - Meghnaghat	12	24	Double	Twin Mallard	2x795 MCM
9	Meghnaghat - Hasnabad	26	52	Double	Twin Mallard	2x795 MCM
10	Comilla North - Hathazari	151	302	Double	Finch	1113 MCM
11	AES, Haripur - Haripur	2	4	Double	Finch	1113 MCM
12	Comilla North - Meghnaghat	58	116	Double	Twin Mallard	2x795 MCM
13	Hasnabad - Aminbazar - Tongi	50	100	Double	Twin AAAC	37/4.176 mm.
14	Siddhirganj - Haripur	1.5	1.5	Single	ACSR	600 sq. mm.
15	Ashuganj - Sirajganj	143	286	Double	Twin AAAC	37/4.176 mm.
16	Khulna - Ishurdi	185	370	Double	Twin AAAC	37/4.176 mm.
17	Bogra-Barapukuria	106	212	Double	Twin AAAC	37/4.176 mm.
18	Sirajganj-Bogra	72	144	Double	Twin AAAC	37/4.176 mm.
19	Ishurdi-Baghabari	55	110	Double	Twin AAAC	37/4.176 mm.
20	Baghabari-Sirajganj	38	76	Double	Twin AAAC	37/4.176 mm.
	Total	**1323**	**2644.5**			

B.) 132 KV Transmission Lines

Sl. No.	Name of Lines	Length in Route kilometers	Length in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
01.	Siddhirganj - Shahjibazar	138	276	Double	Grosbeak	636 MCM
02.	Shahjibazar - Chatak	150	300	Double	Grosbeak	636 MCM
03.	Siddhirganj - Kaptai	273	546	Double	Grosbeak	636 MCM
04.	Kulshi - Halishahar	13	26	Double	Grosbeak	636 MCM
05.	Comilla South -Chandpur	61	122	Double	Linnet + Grosbeak	(336.4 + 636) MCM
06.	Comilla North -Comilla South	16	32	Double	Grosbeak	636 MCM
07.	Ashuganj - Jamalpur	166	332	Double	Grosbeak	636 MCM
08.	Madanhat - Sikalbaha	13	26	Double	Grosbeak	636 MCM
09.	Sikalbaha - Dohazari	35	70	Double	Grosbeak	636 MCM
10.	Sikalbaha - Halishahar	13	13	Single	AAAC	804 sq.mm
11.	Kulshi - Baraulia	13	26	Double	Grosbeak	636 MCM
12.	Madanhat - Kulshi	13	13	Single	Grosbeak	636 MCM
13	Madanhat - Kulshi	13	13	Single	Grosbeak	636 MCM
14	Kaptai - Baraulia	58	116	Double	Grosbeak	636 MCM
15	Dohazari - Cox's Bazar	87	174	Double	Grosbeak	636 MCM
16.	Feni - Chowmuhani	32	64	Double	Grosbeak	636 MCM
17.	Feni - Baraulia	90	90	Single	Grosbeak	636 MCM
18.	Mymensingh - Netrokona	34	68	Double	Grosbeak	636 MCM
19.	Goalpara - Ishurdi	169	338	Double	AAAC	804 MCM
20.	Ishurdi - Bogra	103	206	Double	AAAC	804 MCM
21.	Bogra - Saidpur	140	280	Double	AAAC	804 MCM
22.	Saidpur - Thakurgaon	64	128	Double	AAAC	804 MCM
23.	Goalpara - Bagerhat	45	45	Single	AAAC	804 MCM
24.	Barisal - Bhandaria - Bagerhat	80	80	Single	HAWK	477 MCM

Sl. No.	Name of Lines	Length in Route kilometers	Length in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
25.	Bagerhat - Mangla	31	31	Single	HAWK	477 MCM
26.	Barisal - Patuakhali	37	37	Single	Grosbeak	636 MCM
27.	Bheramara - Faridpur - Barisal	225	450	Double	HAWK	477 MCM
28.	Rajshahi - Natore	40	40	Single	HAWK	477 MCM
29	Ishurdi - Baghabari - Shahjadpur	57	57	Single	Grosbeak	636 MCM
30.	Ishurdi - Pabna - Shahjadpur	56	56	Single	Grosbeak	636 MCM
31.	Bogra - Sirajganj - Shahjadpur	100	200	Double	Grosbeak	636 MCM
32.	Rajshahi - Nawabganj	47	94	Double	Grosbeak	636 MCM
33.	Rangpur - Lalmonirhat	38	38	Single	Grosbeak	636 MCM
34.	Bogra - Noagaon	52	104	Double	Grosbeak	636 MCM
35.	Kabirpur - Tangail	51	102	Double	Grosbeak	636 MCM
36.	Tongi - Mirpur - Kall.pur - Hasbad	49	98	Double	Grosbeak	636 MCM
37.	Hasnabad - Shyampur - Haripur	40	80	Double	Grosbeak	636 MCM
38.	Siddhirganj - Ullon	16	32	Double	Grosbeak	636 MCM
39.	Siddhirganj - Maniknagar	10	10	Single	Grosbeak	636 MCM
40.	Siddhirganj - Maniknagar	10	10	Single	Grosbeak	636 MCM
41.	Maniknagar - Narinda	5	10	Double	Cu.Cable	240 sq.mm
42.	Ullon - Dhanmondi	5.5	11	Double	Cu.Cable	240 sq.mm
	Ullon - Dhanmondi	5.5	11	Double	XLPE	800 sq.mm
43.	Tongi - Kabirpur - Manikganj	56	112	Double	Grosbeak	636 MCM
44.	Ullon - Rampura -Tongi	23	46	Double	Grosbeak	636 MCM
45.	Moghbazar In Out Ullon -Ramp.	3	6	Double	Grosbeak	636 MCM
46.	Ghorasal - Joydebpur	26	52	Double	Grosbeak	636 MCM
47.	Baghabari - Shahjadpur	7	14	Double	Grosbeak	636 MCM
48.	Chandpur - Chowmuhani	75	150	Double	Grosbeak	636 MCM
49	Barapukuria-Rangpur	45	90	Double	Grosbeak	636 MCM
50	Barapukuria-Saidpur	36	72	Double	Grosbeak	636 MCM
51	Madaripur-Gopalganj	45	45	Single	AAAC	804 MCM
52	Khulna(C)-Khulna(S)	9	18	Double	Twin AAAC	37/4.176 mm.
53	Khulna(S)-Satkhira	56	56	Single	AAAC	804 MCM
54	Rajshahi - Natore	40	40	Single	Grosbeak	636 MCM
55	Matuail In-Out from Hari-Manik	5.5	11	Double	Grosbeak	636 MCM
56	Rampura-Gulshan U/G Cable	3.3	6.6	Double	XLPE	800 sq.mm
57	Sikalbaha-Bakulia	4	8	Double	Grosbeak	636 MCM
58	Julda-Shahmirpur	7	14	Double	Grosbeak	636 MCM
59	Kamrangirchar In-Out from Has-Kal	3	6	Double	Grosbeak	636 MCM
60	Kulshi-Bakulia	4	8	Double	Grosbeak	636 MCM
61	Haripur-Maniknagar	12	12	Single	Grosbeak	636 MCM
62	Joydebpur-Kabirpur	15	30	Double	Grosbeak	636 MCM
63	Sikalbaha-Shahmirpur	9	18	Double	Grosbeak	636 MCM
64	Kulshi-Halishahar (Open at Kulshi)	13	13	Single	Grosbeak	636 MCM
65	Bogra Old-Bogra New	1	2	Double	Twin AAAC	37/4.176 mm.
	Total	**3191.8**	**5684.6**			

CIRCLE WISE SUB-STATIONS CAPACITY (MVA)

(As of June 2009)

230/132 kV Sub-stations

Name of Grid Circle	PGCB		PDB		DPDC	
	No. of S/S	Total MVA	No. of S/S	Total MVA	No. of S/S	Total MVA
Dhaka	5	3375	1	250		
Chittagong	1	450				
Comilla	1	225	1	300		
Khulna	1	450				
Bogra	4+1(Switch)	1575				
Total	**13**	**6075**	**2**	**550**		
Grand Total				**6625**		

132/33 kV Sub-stations

Name of Grid Circle	PGCB		PDB		DPDC	
	No. of S/S	Total MVA	No. of S/S	Total MVA	No. of S/S	Total MVA
Dhaka	19	2748	1	100	12	1720
Chittagong	11	1279	2	103	1	30
Comilla	9	837	2	157		
Khulna	16	1285			Bheramara GK Project	20
Bogra	16	1250				
Total	**71**	**7399**	**5**	**360**	**13**	**1770**
Grand Total				**9529**		

Farewell meeting in honour of outgoing Chairman Mr. Md. Showkat Ali and some other high officials

LIST OF DISTRIBUTION SUB-STATIONS

(As of June 2009)

Sl. No.	Name of the Division	Name of the 33/11 kV Sub-station	Capacity (MVA)	Maximum Demand (MW)
CHITTAGONG ZONE				
O & M Circle, Chatta-Metro (East).				
1	S & D Patharghata	Patharghata 2x16/20		26
2	S & D Stadium	Stadium 2x16/20		26
		Madarbari 2x16/20		22
3	S & D Sholoshar	Sholoshar 32	2x16 1x16/20	
4	S & D Kalurghat	Kalurghat	1x16 1x16/20	20
		Muradpur 2x16/20		26
5	S & D Bakalia	Bakalia	2x16/20	22
O & M Circle, Chatta-Metro (West).				
6	S & D Agrabad	Agrabad 2x16/20		32
		Rampur 2x16/20		14
7	S & D Khulshi	Khulshi 2x16/20		15
		Jalalabad 2x16/20		25
8	S & D Pahartali	Pahartali	2x16/20	21
9	S & D Halisahar	Halisahar 2x16/20		14.3
		Newmooring 2x16/20		20
		Patenga 2x16/20		10
O & M Circle, Chatta-Metro (North).				
10	Dis. Divn. Fouzderhat	Fouzderhat	2x16/20	23
		Baroulia	2x16/20	34
		Barabkunda	2x16/20	22
11	S & D Hathazari	Hathazari	1x16/20 1x10	12
12	S & D Mohara	Mohara	2x16/20	14
O & M Circle, Chatta-Metro (South).				
13	Dist. Divn. Patiya	Patiya	5	9
		Fishharbor	10	25
		Shikalbaha- Julda	7.5	85
		Dohazari	5	46
		Satkania	5	4.3
14	Dist. Divn. Cox's Bazar	Zilonza	2x16/20	20
		Aziznagar	5	1.5
		Chakaria	10	5
O & M Circle, Rangamati				
15	Dist. Divn. Rangamati	Vedvedi (Rangamati)	2x5	3.75
		Majerbosti	1x10	4.25
		Kaptai	2x3	0.8
		Kaptai (132/11)	1x20	5
16	Dist. Divn. Khagrachari	Jalipara	3x1.667	2.25
		Ramghar	3x1.667	2.25
		Khagrachari	3x1.667	3.75
		Dighinala	3x1.667	2.25
		Mohalchari	3x1.667	1
17	Dist. Divn. Bandarban	Adjacent to Office	1x5	2.5
		Kasing Ghata	3x1.67	3
	Sub-Total		**810.5/780**	**656.9**

Sl No	Name of the Division	Name of the 33/11 kV Sub-station	Capacity (MVA)	Maximum Demand (MW)
COMILLA ZONE				
O & M Circle,Comilla				
18	S & D 1, Comilla	Kotbari	2x10/13.33	15
		Kaliajori	2x10/13.33	15
19	S & D-2, Comilla	Jangalia	2x10/13.33	16
		Balutupa	2x10/13.33	12
20	Dist. Divn. Comilla	Palpara	1x2.5 1x1.6	3.5
		Chouddagram	1x3 1x8	3.5
		Daulatgonj	1x10 1x5	6.1
21	S & D, Chandpur	Balur Math	2x10/13.33	8
		Puran Bazar	5 1x10/13.33	6
22	Dist. Divn. B. Baria	Kalabagan	1x10/13.33 1x5	12
		Datiara	1x10/13.33 1x15/20	25
		Ghatura	1x10/13.33 1x5	16
		ZFCL	1x10/13.33	7.5
		Shabazpur	1x5	6
O & M Circle,Noakhali				
23	Dist. Divn. Noakhali	Maijdee	2x10/13.33	10
		Datterhat	2x10/13.33	10
		Chamuhani	2x10/13.33	9.5
24	S & D, Laxmipur	Laxmipur	2x10/13.33	6.5
25	Dist. Divn. Feni	Feni	3x10/13.33	75
		Dagonbuyan	1x10/13.33	7
	Sub-Total		**335/380**	**269.6**

State Minister for Power, Energy & Mineral Resources Advocate Shamsul Hoque Tuku and Chairman, BPDB Mr. A.S.M. Alamgir Kabir in a meeting with a delegation of CMC, a Chinese Company.

Sl. No.	Name of the Division	Name of the 33/11 kV Sub-station	Capacity (MVA)	Maximum Demand (MW)
CENTRAL ZONE, MYMENSINGH				
O & M Circle, Mymenshingh				
26	S & D (N)	Akua	2x10/13.33	18
		Shambuganj	2x5	18
		Fulpur	1x5 1x2.5	6.5
		Gauripur	2x5	5
27	S & D (S)	Kewatkhali	3x10/13.33	19
		Batircal	2x10/13.33	8.5
		Trisal	6	2.5
		Bhaluka	6.75	3
		Goffargoan	6.25	3.5
28	Netrokona E/S	Satpai Netrokona	2x10/13.3	7.5
29	Bhairab E/S	Bhairab	1x10/13.33	10
30	Sherpur E/S	Sherpur	2x10/13.33	20
31	Dist. Divn. Kishoregonj	Josodal	10	9
		Mollapara	2x10	5
		Sararchar	1x5	4
O & M Circle, Tangail				
32	S & D Tangail	Batka	2x10/13.33	16
		Kachuadanga	2x10/13.33	8
33	Dist. Divn. Tangail	Bhuapur	2x5	8
		Ghatail	2x10	16
		Kalihati	2x5	8
		Shakipur	2x5	7.75
34	Dist. Divn. Jamalpur	Shekhervita	2x10/13.33	9
		New WAPDA	1x10/13.33	3
		Sharishabari	2x5	5
	Sub-Total		**311.5/253.2**	**220.25**
SYLHET ZONE				
O & M Circle, Sylhet				
35	S & D 1	Ambarkhana	2x10/13.33	22
		Kumargaon	2x10/13.33	21
36	S & D 2	Upashahar	2x10/13.33	20.5
		Botessor	1x10/13.33	18
37	S & D 3	Boroikandi	2x10/13.33	16
38	Dist. Divn. Sylhet	Sunamgonj	2x5	9
		Chattak	1x10	7
O & M Circle, Moulovibazar				
39	Dist. Divn. Moulovibazar	Bagbari	2x10/13.33	10.5
		Hobigonj	3x5	10
40	Kulaura E/S	Kulaura	2x5	16
	Sub-Total		**155/146.63**	**150.00**

Sl. No.	Name of the Division	Name of the 33/11 kV Sub-station	Capacity (MVA)	Maximum Demand (MW)
RAJSHAHI ZONE				
O & M Circle, Rajshahi				
41	S & D 1	Talaimary	3x10/13.33	9
		Katakhali	2x10/13.33	6
42	S & D 2	Horogram	4x10/13.33	11
43	S & D 3	Shalbagan	2x10/13.33	9
		Bimanbondor	2x10/13.33	9
44	S & D 4	City Central	4x10/13.33	11
		Natore	4x10/13.33	7.5
		Godagari	1x10/13.33	5.5
45	Chapai Nowabgonj	Chapai Nowabgonj	2x10/13.33	20
		Gomostapur	1x10/13.33	8
		Shibgonj	5	4
		Tanore	1x10/13.33	5.5
O & M Circle, Pabna				
46	S & D 1	Lashkarpur	2x10/13.33	12
47	S & D 2	Noorpur	1x10/13.33	13
		Chatiani	2x10/13.33	
48	Ishurdi E/S	Joynagor	2x10/13.33	12
		Patillakhali	2x10/13.33	
49	Sirajgonj	Bahirgola	2x10/13.33	14
		Raypur	2x10/13.33	
O & M Circle, Bogra				
50	S & D 1	Rahmannagar	2x10/13.33	12
51	S & D 2	Shibbati	2x10/13.33	17
		Puran Bogra	3x10/13.33	14
52	Dist. Divn. Bogra	Sherpur	2x5	5.75
		Dupchachia	5	4
53	Naogaon	Kathaltoli	1x10/13.33	10
		Baludanga	1x10/13.33	10
54	Joypurhat	Joypurhat	1x10/13.33	6
	Sub-Total		**510/652.87**	**235.25**

Sl. No.	Name of the Division	Name of the 33/11 kV Sub-station	Capacity (MVA)	Maximum Demand (MW)
RANGPUR ZONE				
O & M Circle, Rangpur				
55	S & D 1	Lalbag	2x10/13.33	14
56	S & D 2	Katkipara	2x10/13.33	14.2
57	Dist. Divn. Sayedpur	Golahat	1x10/13.33	6
		Niamotpur	2x10/13.33	8
58	Dist. Divn. Gaibandha	Gaibandha	2x10/13.33	14
		Gobindogonj	1x5 1x1.25	3
		Palashbari	1x2.5	1.25
59	Domar	Domar	1x5 3x1.667	5.5
60	Nilphamari	Nilphamari	2x5	4.5
61	Jaldhaka	Jaldhaka	1x2.5	1.5
62	Kurigram	Kurigram	2x5	4.5
63	Doani	Hatibandha	1x5	1.4
		Patgram	1x5	3.5
64	Lalmonirhat	Kaligonj	1x5 1x1.5	5.5
		Lalmonirhat	2x5	5
O & M Circle, Dinajpur				
65	S & D 1	Fakirpara	2x10/13.33	7.5
		Parbatipur	1x6.67	3.2
		Setabgonj	1x6.67	3.3
66	S & D 2	Balubari	2x10/13.33	11.4
		Phulbari	1x5	3.4
67	Thakurgaon	Goalpara	2x10/13.33	6
		PS	2x6.25	2.2
		Panchagar	2x10/13.33	5
		Mathafata	1x5	2.2
	Sub-Total		273.57/226.64	136.05
	Total		**2395.57/2439.34**	**1668.05**

Mr. A.S.M. Alamgir Kabir, Chairman BPDB Presiding over a revenue meeting in Chittagong

LIST OF DISTRIBUTION TRANSFORMER

(As of June 2009)

Name of ESU/Division	Distribution X-former											
	33/0.4 KV X-former				11/0.4 KV X-former							
	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	Total Capacity (MVA)	500 KVA (Nos.)	315 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	Total Capacity (MVA)
CHITTAGONG ZONE												
O & M Circle, Chatta-Metro (East)												
S & D Patharghata	-	1	1	0.3	9	1	182	0	11	-	63	59.2
S & D Stadium	-	2		0.4	3	1	172	28	18	-	1	52.4
S & D Sholoshar	-	-	-	-	-	-	121	0	19	-	34	39.05
S & D Kalurghat	-	2	1	0.3	-	-	132	27	11		-	39.5
S & D Bakalia	-	-	1	0.1	-	1	134	0	19	-	-	35.72
O & M Circle, Chatta-Metro (West)												
S & D Agrabad	-	-	-	-	16	5	251	105	52	-	14	112.53
S & D Khulshi	-	-	-	-	-	1	131	24	10	-	-	38.55
S & D Halisahar	-	-	-	-	2	1	159	22	30	-	4	48.84
S & D Pahartali	-	-	-	-	-	-	198	26	24	-	-	57.1
O & M Circle, Chatta-Metro (North)												
DD- Fouzderhat	-	-	3	0.3	-	-	33	22	20	2	1	14.675
S & D Hathazari	-	2	-	0.2	0	1	36	20	67	4	7	20.32
S & D Mohara	-	-	1	0.1	-	0	35	24	23	0	0	15.85
O & M Circle, Chatta-Metro (South)												
Dist. Divn. Patiya	-	-	7	0.7	-	2	59	58	52	5	-	32.43
Dist. Divn. Cox's Bazar					1	57	37	4	105	23	40	37.84
O & M Circle, Rangamati												
Dist. Divn. Rangamati	5			1.2	-	-	4	30	118	12	32	20
Dist. Divn. Khagrachari					1	2	7	33	117	35	44	24
Dist. Divn. Bandarban							4	10	50	10	17	9
Sub-Total	**5**	**7**	**14**	**3.6**	**32**	**72**	**1695**	**433**	**746**	**91**	**257**	**657.005**
COMILLA ZONE												
O & M Circle, Comilla												
S & D-1	-	-	2	0.2	-	1	10	72	101	3	2	27.37
S & D-2	-	-	1	0.1	1	-	14	97	116	-	-	35.00
Dist. Divn. Comilla	-	1		0.2			11	51	96	3	9	26.11
S & D Chandpur	-	-	-	-	1	-	7	72	41	-	2	21.55
Dist. Divn. B-Baria	-	-	1	0.1	-	1	37	184	174	1	-	59.65
O & M Circle, Noakhali												
Dist. Divn. Noakhali						1	17	84	129	2	1	34.37
S & D Laxmipur	-	-	-	-	-	-	10	11	-	-	-	9.4
Dist. Divn. Feni	-	1	1	0.3	-	-	30	63	106	3	-	30.85
Sub-Total	**0**	**2**	**5**	**0.9**	**2**	**3**	**136**	**634**	**763**	**12**	**14**	**244.3**
CENTRAL ZONE, MYMENSINGH												
O & M Circle, Mymensingh												
S & D - (N)			1	0.001	1		15	258	305	14		87.55
S & D - (S)												
Bhairab					1		8	53	54	1	1	20.55
Dist. Divn. Kishorgonj						2	11	45	118	1	0	24.2
Dist. Divn. Sherpur							18	115	172	3	35	47.7
O & M Circle, Tangail												
Dist. Divn. Tangail		1	2	0.35	1		40	189	471	20	42	86.21
S & D Tangail		1	1	0.3	3		7	69	103	3	2	28.45
Dist. Divn. Jamalpur					9		13	73	112	3		27374
Sub-Total	**0**	**2**	**4**	**0.651**	**15**	**2**	**112**	**802**	**1335**	**45**	**80**	**27668.66**
SYLHET ZONE												
O & M Circle, Sylhet												
S & D 1					1	-	26	189	135	4	7	59.71

Name of ESU/Division	Distribution X-former											
	33/0.4 KV X-former				11/0.4 KV X-former							
	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	Total Capacity (MVA)	500 KVA (Nos.)	315 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	Total Capacity (MVA)
S & D 2					-	-	12	177	73	-	1	45.763
S & D 3					-	0	9	63	88	5	25	25.04
Dist. Divn. Sylhet					4	2	19	161	253	19	169	68.54
O & M Circle, Moulovibazar												
Dist. Divn. Moulovibazar	1	2		9	-	-	24	94	141	6	17	143.55
Sub-Total	**1**	**2**	**0**	**9**	**5**	**2**	**90**	**684**	**690**	**34**	**219**	**342.603**
RAJSHAHI ZONE												
O & M Circle, Rajshahi												
S & D-1							24	38	145	9	3	286.25
S & D-2							32	35	155		56	321.8
S & D-3							34	80	143	9	44	402.85
S & D-4					23		7	53	30		8	249.15
Chapai Nowabgonj							25	45	72	1	3	325.75
Dist. Divn. Rajshahi							39	70	203	6	105	489.95
O & M Circle, Bogra												
S & D-1							6	85	43	5		23.05
S & D-2					1	-	26	80	113	1	2	34.47
Bogra ES	17		6	2.563	-	-	58	106	208	5	8	63.23
Naogaon					-	-	19	90	133	9	35	37.326
Joypurhat	10 MVA			10	-	-	5	-	33	15	4	10.715
O & M Circle, Pabna												
S & D-1			1	0.1	1		9	81	34	-		22.35
S & D-2			2	0.2	2	2	7	52	71	1		21.51
Ishurdi			2	0.2	5		5	69	106	11		28.22
Sirajgonj			2	0.2	1		2	93	38	1		23.41
Sub-Total	**1**	**7**	**13**	**13.263**	**12**	**2**	**328**	**977**	**1527**	**73**	**268**	**2340.031**
RANGPUR ZONE												
O & M Circle Rangpur												
S & D-1						7	26	78	70	2	2	33.5
S & D-2							10	50	54	1		17.95
Dist. Divn. Rangpur	1	5	5	1.75	3	-	45	165	246	17	2	72
Sayedpur							9	56	53			18.75
Dist. Divn. Gaibandha		10	1	2.1			47	62	110	4	1	35.65
O & M Circle Dinajpur												
S & D-1				0.25			11	37	30	2	1	13.55
S & D-2					1		11	112	23	1		28
Dist. Divn. Thakurgaon			2	0.25	2		30	39	144	17		31.57
Dinajpur ES			1	0.1			15	67	75	5	7	24.97
Sub-Total	**1**	**1 5**	**9**	**4.45**	**6**	**7**	**204**	**666**	**805**	**49**	**13**	**275.94**
Total	**8**	**3 5**	**4 5**	**31.86**	**72**	**88**	**2565**	**4196**	**5866**	**304**	**851**	**31253**

A QC circle of Chittagong Power Station (left) and an Indian QC circle (right) receiving crest in International Convention on Quality Control Circles held in Dhaka.

DISTRIBUTION LINE LENGTH

(As of June 2009)

Name of the Divn. /ESU	Name of Sub-station	33 kV Feeder Length (km)	11 kV Feeder Length (km)	0.4 kV Feeder Length (km)
CHITTAGONG ZONE				
O & M Circle, Chatta-Metro (East).				
S & D Pathargahta	Patharghata	18	32	150
S & D Stadium	Stadium	13	50	170
	Madarbari	5.1		
S & D Sholoshar	Sholoshahar	60	87	210
S & D Kalurghat	Kalurghat	12	70.5	160
	Muradpur	9		
S & D Bakulia	Bakulia		124	303
O & M Circle, Chatta-Metro (West).				
S & D Agrabad	Agrabad	20.5	78	97
	Rampur	27	37	
S & D Khulshi	Khulshi	8	56.5	40.5
	Jalalabad	6.7		25
S & D Pahartali	Pahartali	19	88.15	151
S & D Halisahar	Halishahar	32	35	50
	Newmoring	7	38	75
	Patenga	4	53	85
O & M Circle, Chatta-Metro (North).				
Dist. Divn. Fouzderhat	Fouzderhat	10	56	104.5
	Baroulia	79	52	67.1
	Barabkunda		90	52.4
S & D Hathazari	Hathazari	114	106	264
S & D Mohara	Madughat	21		
	Mohara	4	46	75
O & M Circle, Chatta-Metro (South).				
Dist. Divn. Potiya	Patiya	37	139	235
	Fishharbor	7.5	35	
	Sikolbhaha	65	14	
	Dohazari	7.5	21	
	Satkania	36	31	
Dist. Divn. Cox's Bazar	Zilonza		73.24	115.25
	Aziznagar		16	39
	Chakaria	120	47	60
		154	154.5	120
O & M Circle, Rangamati				
Dist. Divn. Rangamati	Vedvedi (Rangamati)	55	35.5	50
	Majerbosti	36	31	47
	Kaptai	47	35	20
	Kaptai (132/11)		95	155
Dist. Divn. Khagraharii	Jalipara	56	40	75
	Ramgarh	30	18	60
	Khagrachari	35	102	282
	Dighinala	22	98	155
	Mohalchari	22	50	79
Dist. Divn. Bandarban	Adjac. to Office	35	150	170
	Kasing Ghata	40		
Sub-Total		**1274.3**	**2284.39**	**3741.75**

Name of the Divn. /ESU	Name of Sub-station	33 kV Feeder Length (km)	11 kV Feeder Length (km)	0.4 kV Feeder Length (km)
COMILLA ZONE				
O & M Circle, Comilla				
S & D- 1	Kotbari	35	14	30
	Kaliajuri		110	167
S & D- 2	Jangalia	13	22	67
	Balutupa		118	243
Dist. Divn.Comilla	Palpara	8	45	105
	Chouddagram	35	32	10.5
	Daulatgonj	13	36	132
S & D, Chandpur	Balur Math	2	30	85
	Puran Bazar		21	61
Dist. Divn.B. Baria	Kalabaghan	38	31	24
	Datiara	5	92	123
	Ghatura	15	100	68
	Shabazpur		46	84
O & M Circle, Noakhali				
Dist. Divn.Noakhali	Maijdee	25	79	171
	Datterhat	5	10	21
	Chamuhani		81	119
	Hatya		48	18
S & D, Laxmipur	Laxmipur	3.7	58	310
Dist. Divn.Feni	Feni	81	85	325
	Dagonbuyan		9	25
Sub-Total		**278.7**	**1067**	**2188.5**
CENTRAL ZONE, MYMENSINGH				
O & M Circle, Mymensingh				
S & D- (N)	Akua	27	67.16	106
	Batirkhall	6	45	63
	Shambugonj	52	34	46
	Fulpur	25	99	195
	Gauripur	15	69	131
S & D- (S)	Kewatkhali	3	9	14
	Batircal	90	5	2
	Trisal		4	2
	Bhaluka		2	2
	Goffargoan		30	20
			35	23
Netrokona E/S	Satpai Netrokona	7	62	88
Bhairab E/S	Bhairab	14	92	146
		32	48	111
Sherpur E/S	Sherpur	40	250	391
Dist. Divn. Kishorgonj	Josodal	52	105	54
	Mollapara	26	25	8
	Sararchar	45	50	78
O & M Circle, Tangail				
S & D Tangail	Betka	6	165	195
	Kachuadanga	30		
Dist. Divn. Tangail	Bhuapur	26	55	155
	Ghatail	16	82	173
	Kalihati	30	52	199
	Shakipur	25	75	105
Dist. Divn. Jamalpur	Shekhervita	77	83	
	New WAPDA	2	70	
	Sharishabari	40	38	
Sub-Total		**686.00**	**1651.16**	**2307.00**

Name of the Divn. /ESU	Name of Sub-station	33 kV Feeder Length (km)	11 kV Feeder Length (km)	0.4 kV Feeder Length (km)
SYLHET ZONE				
O & M Circle, Sylhet				
S & D -1	Ambarkhana	7	55	168
	Kumargaon		149	257
S & D -2	Upshahar	22	53	71
S & D -3	Botessor	47	115	151
	Boroikandi	21	110.5	401
Dist. Divn. Sylhet	Sunamgonj	48	103	715
	Chattak	30	224	745
O & M Circle, PDB, Moulovibazar				
	Bagbari	82	91	275
	Hobigonj	28	69	240
Kulaura E/S	Kulaura	141	90	675
Sub-Total		**426**	**1059.5**	**3698**
RAJSHAHI ZONE				
O & M Circle, Rajshahi				
S & D -1	Talaimari	10	120	315
	Katakhali			
S & D -2	Horogram	207	138.9	29.9
S & D -3	Shalbagan	35	210.65	67.7
	Bimanbondor			
S & D -4	City Central	12	28.35	90.58
	Nator	5.15	70	151
	Godagari	20	120	58
Chapai nowabgonj E/S	Ch.No.gonj	15	154	150
	Gomostapur			
	Shibgonj			
	Tanore		18	
O & M Circle, Pabna				
S & D -1	Laskaspur	17	40.8	108
S & D -2	Nurpur	7.2	67	114
	Shatiani			
Ishurdi E/S	Joynagor	58	102	91
	Patilkhali			
Sirajgonj E/S	Bahirgola	22	74	251
	Raypur			
O & M Circle, PDB, Bogra				
S & D -1	Rahmannagar	8.5	64	62
S & D -2	Shibbati	5.5	35.5	173.75
	Puran Bogra	2	14.5	
Dist. Divn. Bogra	Sherpur	22	149	157
	Dupchachia	35	222	163
Naogaon E/S	Kathaltoli	10.5	215	207
	Baludanga			
Joypurhat E/S	Joypurhat	45	52	71
Sub-Total		**536.85**	**1895.7**	**2259.93**

Name of the Divn. /ESU	Name of Sub-station	33 kV Feeder Length (km)	11 kV Feeder Length (km)	0.4 kV Feeder Length (km)
RANGPUR ZONE				
O & M Circle, Rangpur				
S & D -1	Lalbag	18	124	230
S & D -2	Katkipara	24	75.21	73.56
Dist. Divn. Sayedpur	Golahat	12	37.5	48
	Niamotpur		37	39
	Domar	22	73	59
	Nilphamari	16	78	88
	Jaldhaka	16	42	24
	Kurigram	30	51	53
	Hatibandha	20	14	11
	Patgram	30	79	59
	Kaligonj	60	67	49
	Lalmonirhat		57	51
Dist. Divn. Gaibandha	Gaibandha	22	115	106
	Gobindogonj	20	23	28
	Palashbari	0.5	15	20
O & M Circle, Dinajpur				
S & D -1	Fakirpara	66	132	215
	Parbatipur	42		50
	Setabgonj	24	43	52
S & D -2	Balubari	18	134	209
	Phulbari	25	63	54
Dist. Divn. Thakurgaon	Goalpara	10	67.35	133
	PS	0.5	17	28.5
	Panchagar	45	101	57
	Mathafata	40	46	32
Sub-Total		**561**	**1491.06**	**1769.06**
Total		**3762.85**	**9448.81**	**15964.24**

A seminar on installation of Prepaid Meter in Rajshahi region organised by KfW.

TOTAL ELECTRIFIED AREA & CONSUMERS

(As of June 2009)

Sl. No.	Name of Divn./ESU	Total Electrified Area					Total Consumers
		Thana/ Upazila	Ward	Village	Hat/ Bazar	Deep Shallow & Low Fit Pump	
CHITTAGONG ZONE							
O & M Circle, Chatta-Metro (East)							
1	S & Patharghata	2	5	0	7	6	35492
2	S & D Stadium	4	8	0	10	8	35247
3	S & D Sholoshar	3	4	0	6	5	30205
4	S & D Kalurghat	2	3	0	2	23	30974
5	S & D Bakalia	2	4	0	4	4	36699
O & M Circle, Chatta-Metro (West)							
6	S & D Agrabad	3	7	0	5	8	55170
7	S & D Khulshi	3	9	0	9	4	21653
8	S & D Halisahar	2	6	0	11	1	40193
9	S & D Pahartali	4	8	0	6	13	45500
O & M Circle, Chatta-Metro (North)							
10	DD-Fouzderhat	1	15	60	26	0	25536
11	S & D Hathazari	1		30	8	15	23309
12	S & D Mohara	1	2	10	6	6	15828
O & M Circle, Chatta-Metro (South)							
13	Dist. Divn. Patiya	4	44	27	15	0	31987
14	Dist. Divn. Cox's Bazar	7	16	34	12	48	35115
O & M Circle, Rangamati							
15	Dist. Divn. Rangamati	17	12	56	27	28	23516
16	Dist. Divn.Khagrachari	12	29	31	50	81	21251
17	Bandarban	3	15	50	10	0	6531
Sub Total		**71**	**187**	**298**	**214**	**250**	**514206**
COMILLA ZONE							
O & M, Comilla							
1	S & D-1	3	6	40	15	54	37993
2	S & D-2	2	4	120	30	129	38130
3	S & D Chandpur	1	15	25	11	8	24567
4	Dist. Divn. Feni	2	18	10	3	15	34396
5	Dist. Divn. Comilla	2	18	70	9	377	23692
6	Dist. Divn. B. Baria	5	12	105	26	761	56635
7	S & D Laxmipur	1	12	12	0	62	12476
8	Dist. Divn. Noakhali	4	26	46	28	2	45760
Sub Total		**20**	**111**	**428**	**122**	**1408**	**273649**
CENTRAL ZONE, MYMENSINGH							
O & M Circle, Mymensingh							
1	S & D -1(N)	8	87	148	95	2269	75740
2	S & D -2 (S)	3	20	100	20	600	56796
3	Dist. Divn. Kishorgonj	4	24	61	12	479	30958
4	Bhairab	1	9	12	5	148	17296
5	Dist. Divn. Sherpur	2	40	45	42	1552	28949
O & M Circle, Tangail							
6	S & D, Tangail	10	111	370	239	3548	46485
7	Dist. Divn. Tangail	5	0	287	29	4800	35598
8	Dist. Divn. Jamalpur	2	23	29	12	200	24977
Sub Total		**35**	**314**	**1052**	**454**	**13596**	**316799**

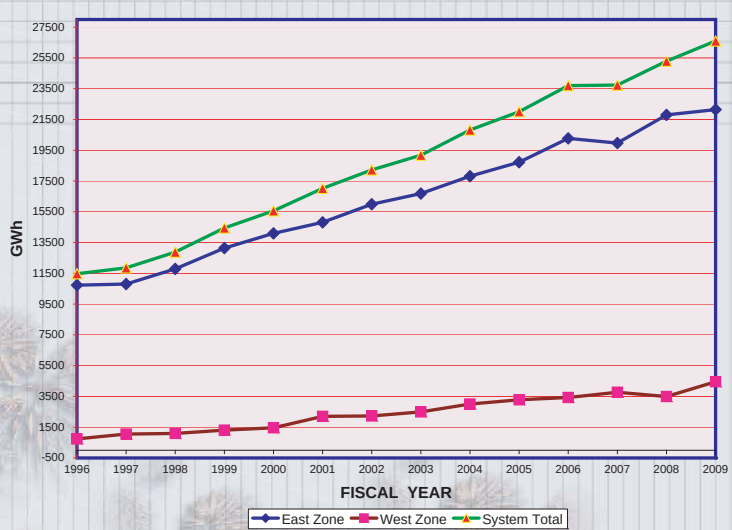
Sl. No.	Name of Divn./ESU	Total Electrified Area					Total Consumers
		Thana/ Upazila	Ward	Village	Hat/ Bazar	Deep Shallow & Low Fit Pump	
SYLHET ZONE							
O & M Circle, Sylhet							
1	S & D-1	1	20	0	20	0	54827
2	S & D-2	1	6	40	40	0	40289
3	S & D-3	3	40	120	30	5	18587
O & M Circle, Moulavibazar							
4	Dist. Divn. Moulavibazar	5	16	172	22	54	28042
5	Dist. Divn. Sylhet	11	83	320	44	40	40223
6	S & D Kulaura	3	9	80	15	1	18438
Sub Total		**24**	**174**	**732**	**171**	**100**	**200406**
RAJSHAHI ZONE							
O & M Circle, Bogra							
1	S & D -1	2	6	30	10	32	27329
2	S & D -2	1	6	100	25	250	39812
3	Bogra ES	8	89	309	39	1150	48137
4	Naogaon	3	15	25	10	250	28374
5	Joypurhat	1	3	25	5	153	12140
O & M Circle, Pabna							
6	S & D-1	1	10	26	4	3	14166
7	S & D-2	1	13	42	5	3	15529
8	Ishurdi	2	9	101	11	37	16354
9	Sirajgonj	1	15	23	10	476	29094
O & M Circle, Rajshahi							
10	S & D-1	4	11	16	17	9	25371
11	S & D-2	3	6	22	14	93	26806
12	S & D-3	1	7	22	11		23043
13	S & D-4	2	3		2		18551
14	Dist. Divn. Rajshahi	6	107	347	56	709	43840
15	Chapai Nowabgonj	2	20	105	10	181	28964
Sub Total		**38**	**320**	**1193**	**229**	**3346**	**397510**
RANGPUR ZONE							
O & M Circle, Rangpur							
1	S & D -1	1	22	33	14	62	23046
2	S & D -2		8	0	10	77	17961
3	Dist. Divn. Rangpur	12	106	192	115	5152	57240
4	Sayedpur	2	28	30	13	346	16087
5	Dist. Divn. Gaibandha	9	55	126	25	1571	29856
O & M Circle, Dinajpur							
6	S & D-1	1	5		1	56	13282
7	S & D-2	1	7	10	3	37	16693
8	Dist. Divn. Dinajpur	4	17	40	14	342	17384
9	Dist. Divn. Thakurgaon	3	29	70	25	229	26484
Sub Total		**33**	**277**	**501**	**220**	**7872**	**218033**
Total		**221**	**1383**	**4204**	**1410**	**26572**	**1920603**

ENERGY GENERATION (GWh)

Year	Gross Energy Generation of BPDB			Total Private Generation (Net)	Total Generation PDB (Gross)+ IPP (Net)	% Increase over the Preceding Year	Energy Transfer through East-West Interconnector	
	East Zone	West Zone	System Total				East to West	West to East
1980-81	1,978.27	683.54	2,661.81	-	2,661.81	13.11	-	-
1981-82	2,292.02	744.42	3,036.44	-	3,036.44	14.07	-	-
1982-83	2,845.68	586.99	3,432.67	-	3,432.67	13.05	341.32	0.24
1983-84	3,398.19	568.00	3,966.19	-	3,966.19	15.54	519.04	1.44
1984-85	3,655.89	872.55	4,528.43	-	4,528.43	14.18	477.41	20.63
1985-86	3,487.90	1,312.36	4,800.26	-	4,800.26	6.00	222.40	106.43
1986-87	4,749.10	837.85	5,586.95	-	5,586.95	16.39	797.84	10.91
1987-88	5,752.54	788.86	6,541.40	-	6,541.40	17.08	1,179.54	0.02
1988-89	6,533.94	580.91	7,114.85	-	7,114.85	8.77	1,550.00	--
1989-90	7,400.98	330.96	7,731.95	-	7,731.95	8.67	1,956.78	--
1990-91	8,125.80	144.40	8,270.19	-	8,270.19	6.96	2,314.07	--
1991-92	8,499.90	394.35	8,894.25	-	8,894.25	7.55	2,213.00	--
1992-93	8,582.69	623.75	9,206.44	-	9,206.44	3.51	1,919.89	--
1993-94	9,129.04	655.31	9,784.35	-	9,784.35	6.28	1,980.76	--
1994-95	9,885.28	921.15	10,806.43	-	10,806.43	10.45	1,954.62	--
1995-96	10,734.62	739.59	11,474.21	-	11,474.21	6.18	2,215.02	--
1996-97	10,804.70	1,052.89	11,857.59	-	11,857.59	3.34	1,924.17	--
1997-98	11,789.06	1,093.34	12,882.41	-	12,882.41	8.64	1,997.00	--
1998-99	13,126.07	746.13	13,872.21	578.22	14,450.43	12.17	2,186.00	--
1999-00	13,634.19	684.23	14,318.42	1,244.29	15,562.71	7.70	2,482.45	--
2000-01	13,717.26	1,110.92	14,828.18	2,192.68	17,020.86	9.37	1,979.40	--
2001-02	13,266.78	1,182.78	14,449.56	3,771.19	18,220.75	7.05	2,249.16	--
2002-03	11,370.99	1,509.79	12,880.77	6298..81	19,179.58	5.26	2,170.40	--
2003-04	11,302.91	2,039.17	13,342.08	7,478.18	20,820.26	8.55	2,135.55	--
2004-05	11,909.63	2,157.37	14,067.00	7,939.19	22,006.19	5.70	2,146.20	--
2005-06	13,177.27	2,239.68	15,416.95	8,286.07	23,703.01	7.71	2344.72	--
2006-07	12,963.82	2,530.88	15,494.70	8,244.54	23,739.24	0.15	1950.25	--
2007-08	13,397.30	2,757.76	16,155.06	9,137.71	25,292.77	6.54	2462.08	--
2008-09	13,627.36	2,803.28	16,430.64	10,173.31	26,603.95	5.18	2548.99	--

*Excluding REB Generation

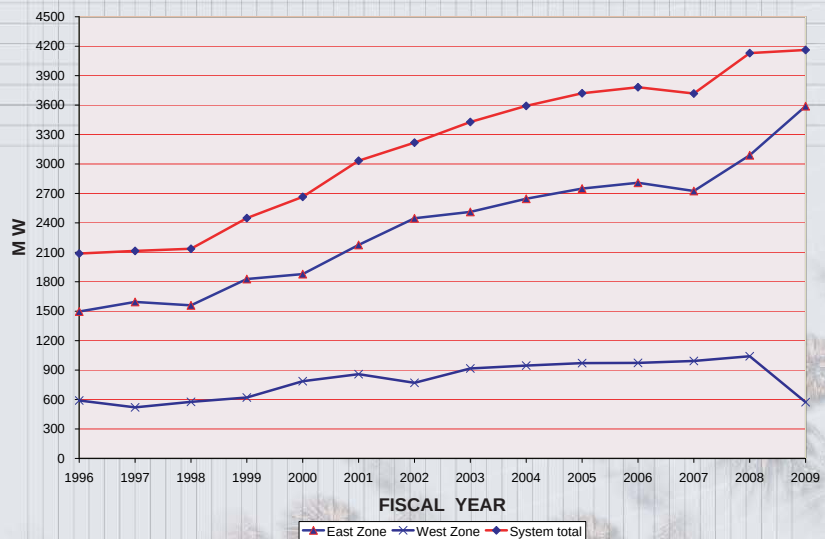
TOTAL GROSS ENERGY GENERATION



MAXIMUM DEMAND SERVED

Year	MAXIMUM DEMAND SERVED IN MW			%Increase over the preceding year
	East Zone	West Zone	System Total	
1990-91	1,141.000	499.000	1,640.000	
1991-92	1,160.000	512.000	1,672.000	1.951
1992-93	1,293.300	530.000	1,823.300	9.049
1993-94	1,355.000	520.000	1,875.000	2.836
1994-95	1,472.000	498.000	1,970.000	5.067
1995-96	1,497.000	590.400	2,087.400	5.959
1996-97	1,594.300	520.100	2,114.400	1.293
1997-98	1,559.600	576.500	2,136.100	1.026
1998-99	1,828.000	620.500	2,448.500	14.625
1999-00	1,878.000	787.000	2,665.000	8.842
2000-01	2,175.000	858.200	3,033.200	13.816
2001-02	2,447.000	770.500	3,217.500	6.076
2002-03	2,511.500	916.500	3,428.000	6.542
2003-04	2,646.000	946.100	3,592.100	4.787
2004-05	2,749.500	971.300	3,720.800	3.583
2005-06	2809.000	973.100	3,782.100	1.647
2006-07	2725.000	992.800	3,717.800	-1.700
2007-08	3089.000	1041.000	4,130.000	11.087
2008-09	3589.000	573.100	4,162.100	0.777

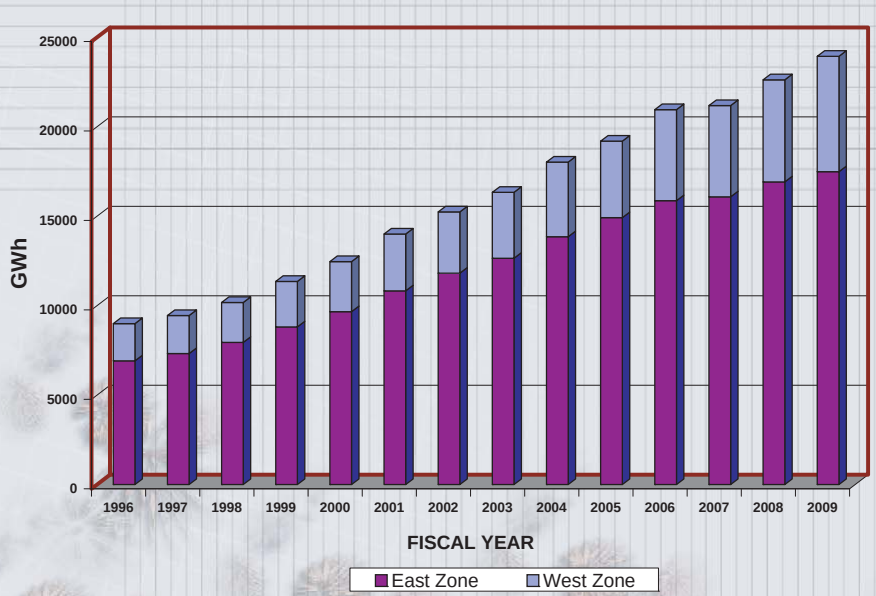
GROWTH OF MAXIMUM DEMAND



ELECTRICITY SALES (GWh)

Year	East Zone	West Zone	System Total	% Increase over the preceding year
1989-90	3,272.74	1,432.00	4,704.74	0.21
1990-91	3,453.78	1,416.84	4,870.61	3.53
1991-92	4,481.09	1,540.31	6,021.39	23.63
1992-93	5,255.46	1,650.92	6,906.38	14.70
1993-94	5,740.98	1,706.55	7,447.52	7.84
1994-95	6,441.78	1,929.24	8,371.02	12.40
1995-96	6,913.80	2,082.12	8,995.91	7.46
1996-97	7,320.92	2,125.94	9,446.85	5.01
1997-98	7,945.26	2,231.08	10,176.34	7.72
1998-99	8,812.80	2,539.47	11,352.28	11.56
1999-00	9,663.54	2,797.60	12,461.13	9.77
2000-01	10,826.26	3,176.45	14,002.71	12.37
2001-02	11,820.01	3,423.26	15,243.27	8.86
2002-03	12,647.97	3,683.62	16,331.59	7.14
2003-04	13,854.39	4,169.22	18,023.61	10.36
2004-05	14,919.40	4,276.47	19,195.87	6.50
2005-06	15,866.38	5,087.88	20,954.27	9.16
2006-07	16,080.90	5,100.24	21,181.14	1.08
2007-08	16,915.56	5,706.47	22,622.03	6.80
2008-09	17,487.04	6,449.74	23,936.78	5.81

ENERGY SALES



CONSUMER GROWTH

Number of Consumers (Category wise)

Year	Domestic	Agriculture	Small Industrial	Small Commercial	Large Inds. & Comm.	REB	DPDC	DESCO	WZPDCL	OTHERS	Total	% Increase Over the Preceeding Year
	A	B	C	E	F+H	I	G	G1	G2	D+J		
1989-90	815,059	10,705	47,454	281,818	2,975	67				16,494	1,174,572	1.99
1990-91	853,959	12,828	48,479	287,498	3,251	77				17,872	1,223,964	4.21
1991-92	606,627	11,675	35,943	231,450	1,294	82	6			15,924	903,001	(-)26.22
1992-93	649,173	16,670	36,969	230,096	1,375	93	6			18,227	952,609	5.49
1993-94	708,118	17,854	38,395	237,922	1,437	102	6			22,015	1,025,849	7.69
1994-95	750,273	17,974	39,702	245,234	1,486	118	6			20,941	1,075,734	4.86
1995-96	811,370	19,807	41,313	260,167	1,514	130	6			22,365	1,156,672	7.52
1996-97	858,354	17,878	42,248	267,197	1,595	143	6			22,711	1,210,132	4.62
1997-98	923,117	18,387	43,856	283,032	1,714	158	6			23,393	1,293,663	6.90
1998-99	963,319	17,142	43,742	287,636	1,748	178	6			23,099	1,336,870	3.34
1999-00	1,043,977	17,872	44,793	299,896	1,801	179	6			24,293	1,432,817	7.18
2000-01	1,134,074	18,293	45,816	316,629	1,890	182	6			25,760	1,542,650	7.67
2001-02	1,221,324	17,215	46,068	331,224	1,999	199	6			26,720	1,644,755	6.62
2002-03	1,270,727	15,084	44,432	331,997	2,038	212	6			25,955	1,690,451	2.78
2003-04	1,359,724	14,284	44,018	347,635	2,183	246	4	1		26,863	1,794,958	6.18
2004-05	1,114,679	12,484	34,472	273,957	1,867	266	4	1	1	21593	1,459,324	-18.70
2005-06	1,165,265	14,911	34,574	280,079	2,010	275	4	1	1	21771	1,518,891	4.08
2006-07	1,272,144	17,693	35,561	297,213	2,163	184	1	1	1	23450	1,648,411	8.53
2007-08	1,385,424	21,191	37,065	312,041	2,299	187	1	-	4	25083	1,783,295	8.18
2008-09	1,495,195	25,175	39,114	333,818	2,534	187	1	-	4	26333	1,922,361	7.80

A=Residential Light & power B=Agricultural pump C= Small Industry D=Non residential light & power E=Commercial

F=Medium voltage general purpose G=DPDC H=High voltage general purpose I= High voltage bulk supply for REB/PBS J=Street light and water pump

CONSUMER GROWTH

Note:-Consumer decreases due to treating WZPDCL as a bulk consumer.

INSTALLED CAPACITY, GENERATION CAPABILITY, DEMAND FORECAST DEMAND SERVED AND LOAD SHEDDING

Year	Installed capacity (MW)<1	Generation capability (MW)<2	Demand Forecast (MW)<3	Demand served (MW)<4	Load Shedding (MW)<5
1990-91	2,350.00	1,719.00	-	1,640.00	340 - 15
1991-92	2,398.00	1,724.00	-	1,672.00	550 - 25
1992-93	2,608.00	1,918.00	-	1,823.00	480 - 20
1993-94	2,608.00	1,881.00	-	1,875.00	540 - 23
!994-95	2,908.00	2,133.00	2,038.00	1,970.00	537 - 10
1995-96	2,908.00	2,105.00	2,220.00	2,087.00	545 - 10
1996-97	2,908.00	2,148.00	2,419.00	2,114.00	674 - 20
1997-98	3,091.00	2,320.00	2,638.00	2,136.00	711 - 32
1998-99	3,603.00	2,850.00	2,881.00	2,449.00	774 -16
1999-00	3,711.00	2,665.00	3,149.00	2,665.00	536 -10
2000-01	4,005.00	3,033.00	3,394.00	3,033.00	663-15
2001-02	4,230.00	3,217.50	3,659.00	3,217.50	367-5
2002-03	4,680.00	3,428.00	3,947.00	3,428.00	468-5
2003-04	4,680.00	3,592.10	4,259.00	3,592.10	694-2
2004-05	4,995.00	3,720.80	4,597.00	3,720.80	770-7
2005-06	5,245.00	3,782.10	4,693.00	3,782.10	1312-15
2006-07	5,202.00	3,717.80	5,112.00	3,717.80	1345-40
2007-08	5,201.00	4,130.00	5,569.00	4,130.00	1049-20
2008-09	5,719.00	5,166.00	6,066.00	4,162.10	1269-19

Note : <1 Installed capacity as of June of the year.

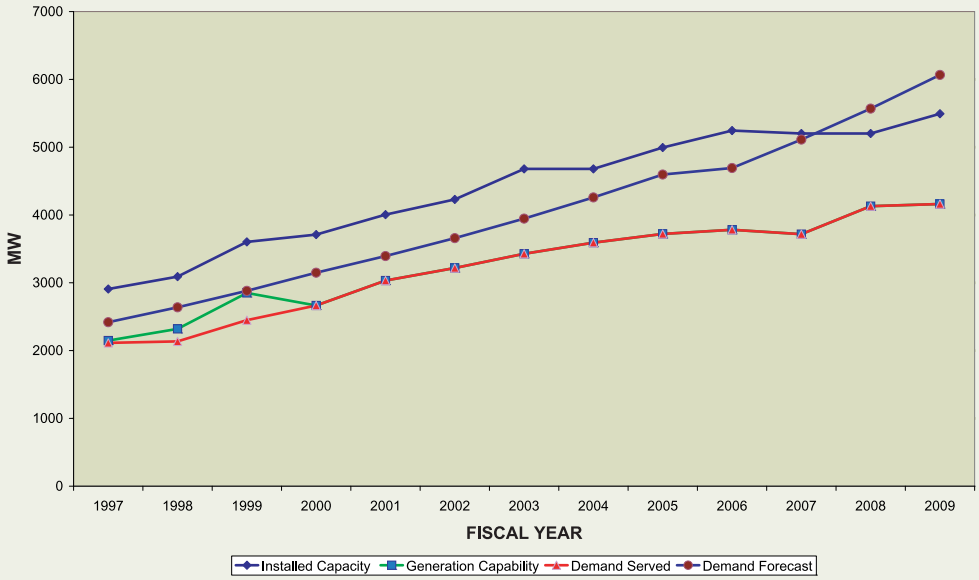
<2 Generation capability is the Maximum available generation capacity after maintanance outage in the year.

<3 Demand forecast is the Base Forecast of PSMP-2005.

<4 The dates of maximum demand served and maximum available generation capacity may not be the same.

<5 Load shedding is the range of maximum and minimum throughout the year.

INSTALLED CAPACITY, GENERATION CAPABILITY, DEMAND SERVED & DEMAND FORECAST

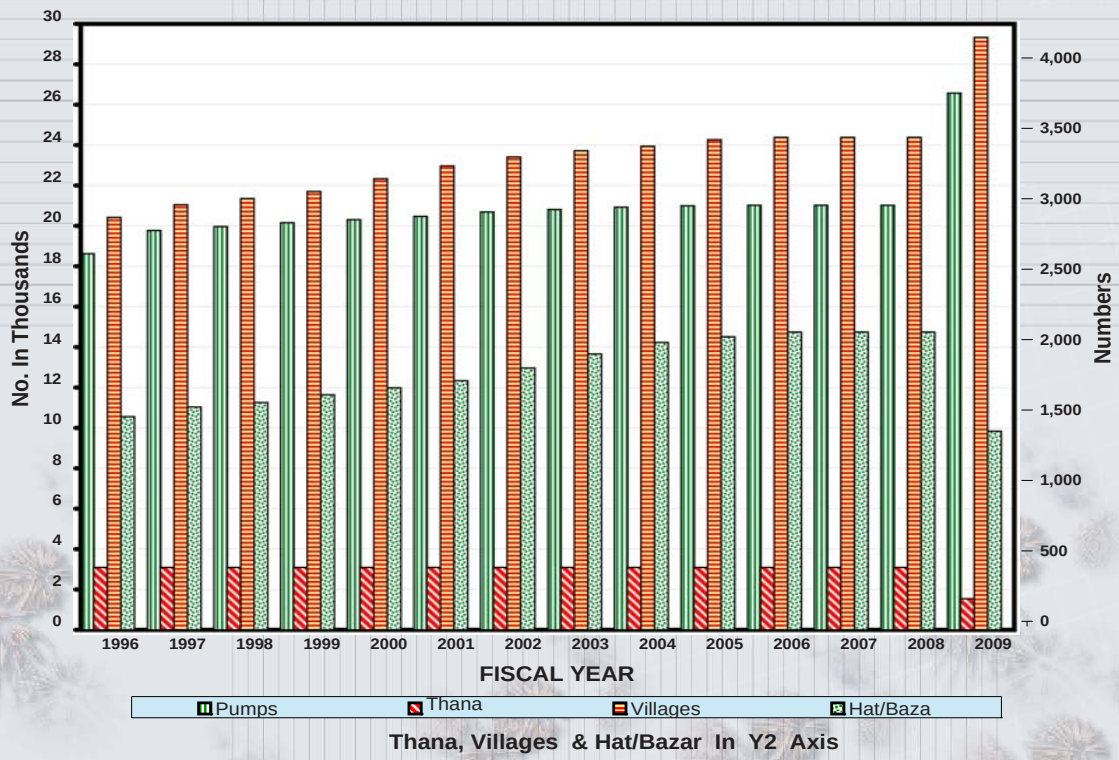


ELECTRIFICATION OF THANAS, VILLAGES AND PUMPS

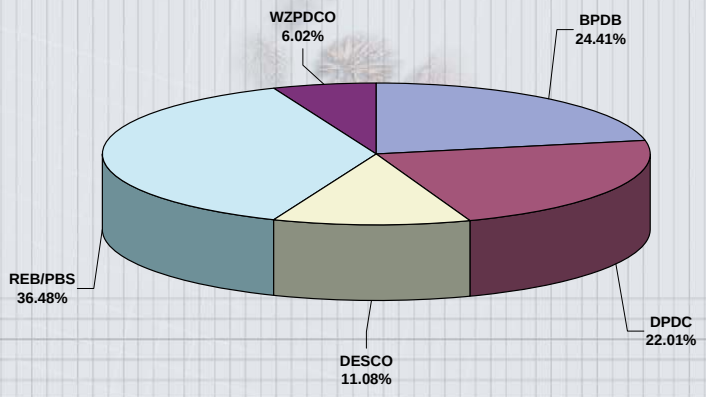
YEAR	Upazila/Thana (Nos.)	Village (Nos.)	Hat/Bazar (Nos.)	Deep, Shallow & Low Lift Pumps(Nos.)
1989-90	438	2,657	1,371	11,031
1990-91	438	2,717	1,391	12,331
1991-92	438	2,767	1,411	14,033
1992-93	438	2,807	1,431	16,023
1993-94	438	2,837	1,446	16,943
1994-95	443	2,867	1,466	17,193
1995-96	443	2,927	1,513	18,622
1996-97	443	3,017	1,581	19,774
1997-98	443	3,061	1,613	19,969
1998-99	443	3,111	1,668	20,157
1999-00	443	3,201	1,718	20,307
2000-01	443	3,292	1,768	20,467
2001-02	443	3,356	1,858	20,687
2002-03	443	3,400	1,958	20,812
2003-04	443	3,432	2,040	20,928
2004-05	443	3,478	2,080	20,993
2005-06	443	3,495	2,113	21,020
2006-07	443	3,495	2,113	21,020
2007-08	443	3,495	2,113	27,071
2008-09	*221	4,204	1,410	32,407

* Excluding WZPDCL, REB, DESCO, DPDC

ELECTRIFICATION OF THANA,VILLAGES, HAT/BAZAR AND PUMPS

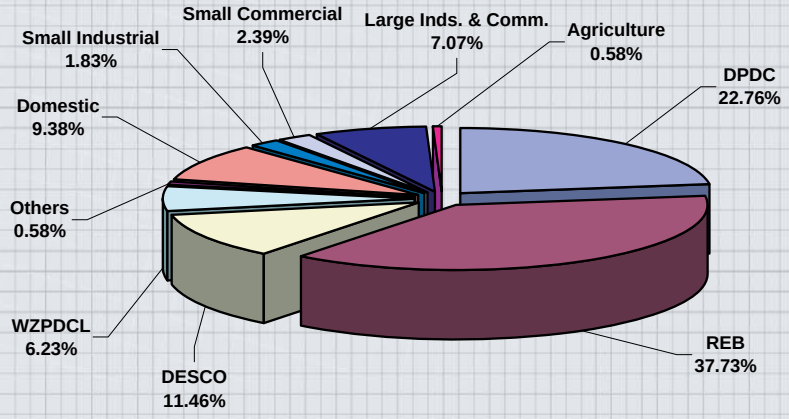


Utility wise bulk Sales (FY 2009)



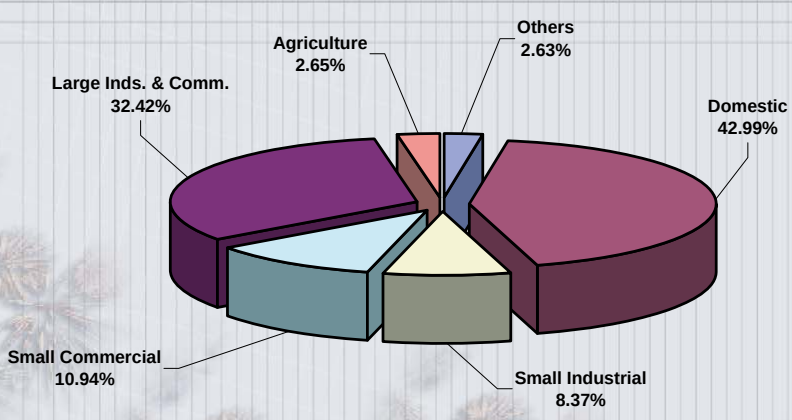
Totoal : 24,757 MkWh

Consumption Pattern of the Country (FY 2009)



Totoal Consumption : 23,937 MkWh

Consumption Pattern of BPDB (FY2009)



Totoal Consumption : 5,222 MkWh

SYSTEM LOSS

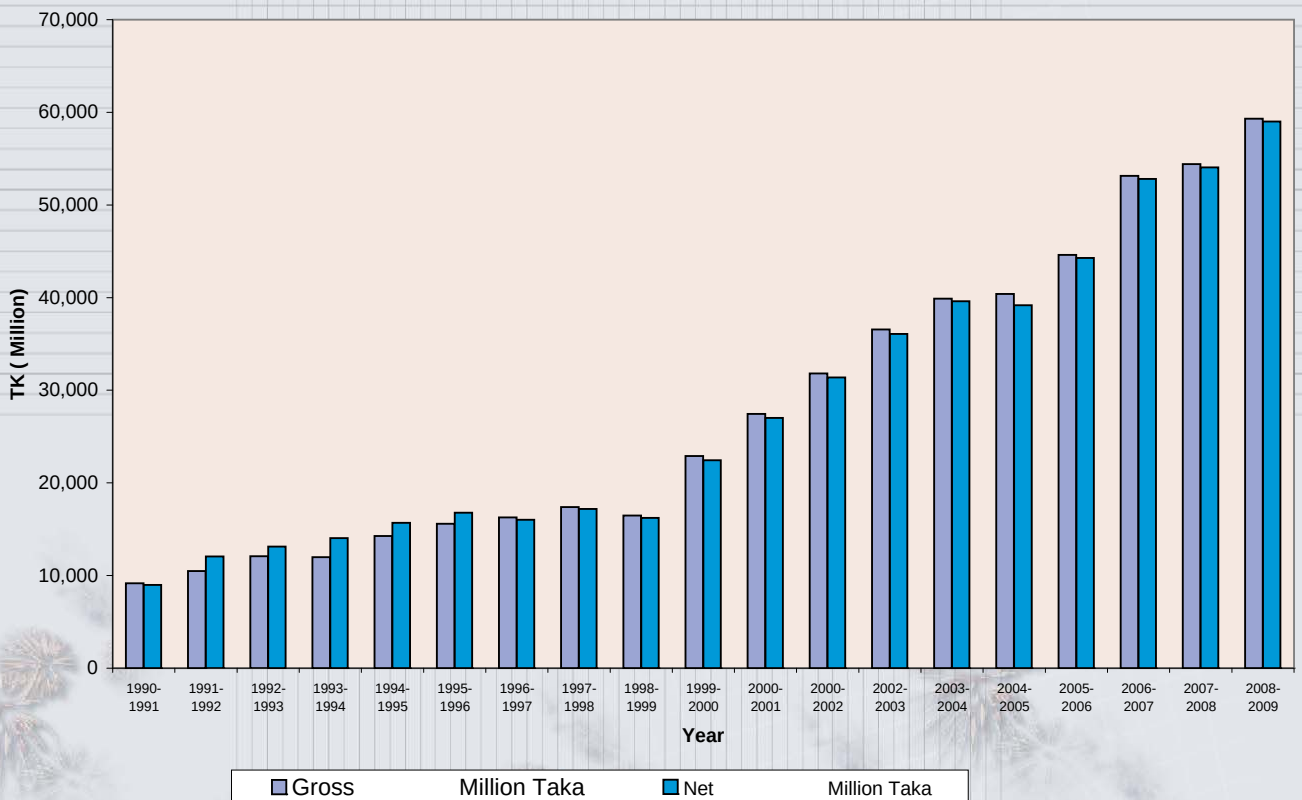
Year	T & D Loss in % of Net Generation	Distribution loss as % of Import	
		Including REB	Excluding REB
1991-92	28.27	31.28	35.79
1992-93	20.61	27.17	31.24
1993-94	19.23	26.32	30.72
1994-95	17.66	24.64	29.94
1995-96	16.94	23.68	29.09
1996-97	15.98	22.81	28.28
1997-98	16.55	23.74	29.82
1998-99	16.76	23.27	30.56
1999-00	15.40	20.63	27.73
2000-01	13.85	18.77	26.11
2001-02	12.62	17.20	24.5
2002-03	11.35	14.81	22.35
2003-04	10.16	10.90	21.33
2004-05	9.29	9.41	20.00
2005-06	7.86	8.21	19.06
2006-07	7.03	7.20	16.58
2007-08	6.92	7.89	14.43
2008-09	6.58		13.57

Note: T & D Loss : Transmission and Distribution loss.

GROSS & NET REVENUE COLLECTION

Year	Gross Million Taka	Net Million Taka	% of Change over the preceding year (Net)
1990-1991	9,172.859	8,982.43	-3.11
1991-1992	10,484.710	12,050.83	34.16
1992-1993	12,080.676	13,119.79	8.87
1993-1994	11,977.104	14,052.11	7.11
1994-1995	14,271.747	15,685.41	11.62
1995-1996	15,582.470	16,791.28	7.05
1996-1997	16,266.108	16,015.07	-4.62
1997-1998	17,388.912	17,199.36	7.39
1998-1999	16,475.212	16,234.93	-5.61
1999-2000	22,894.463	22,449.9	38.28
2000-2001	27,436.204	27,017.07	20.34
2000-2002	31,807.735	31,373.29	16.12
2002-2003	36,568.400	36,066.41	14.96
2003-2004	39,887.020	39,607.85	9.82
2004-2005	40,384.25	39,177.08	-1.09
2005-2006	44,602.59	44,283.64	13.03
2006-2007	53,134.17	52,798.63	19.23
2007-2008	54,402.68	54,060.21	2.39
2008-2009	59,307.48	58,994.76	9.13

GROSS & NET REVENUE COLLECTION



TRANSMISSION AND DISTRIBUTION LINES
(Length in Route-Kilometers)

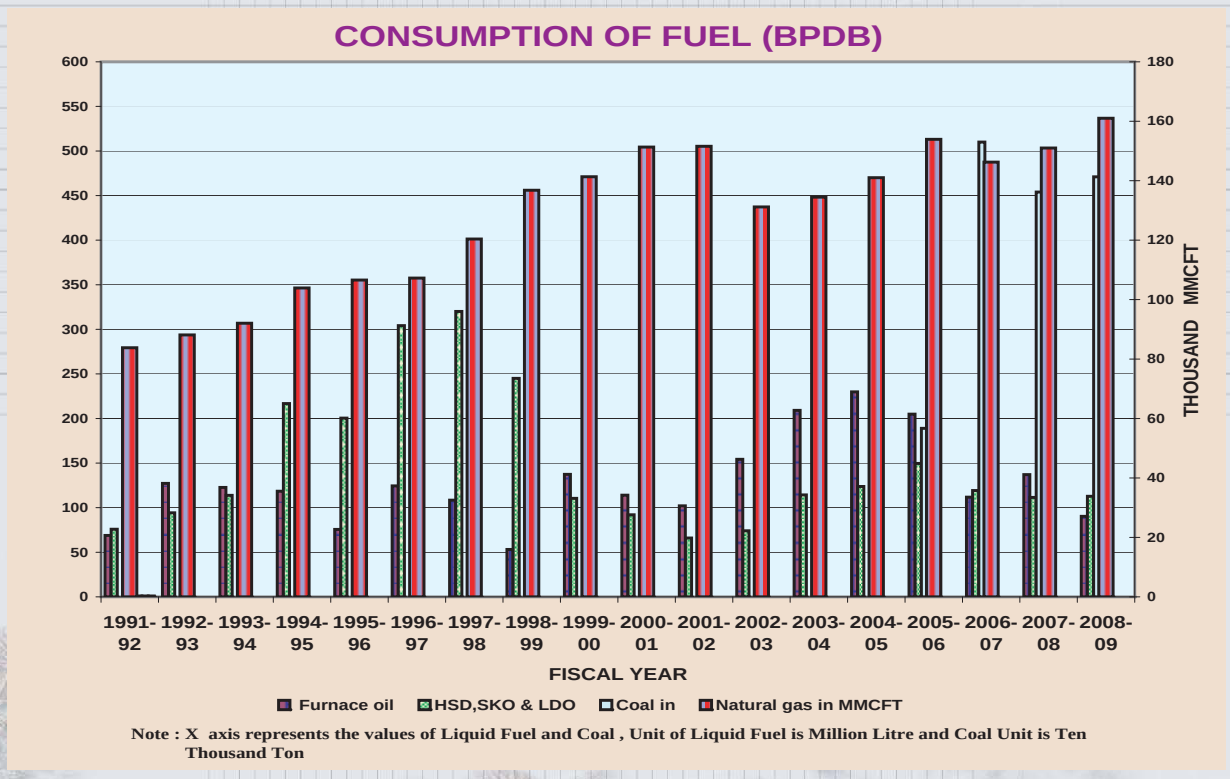
YEAR	230 kV	132 kV	66 kV	33 kV	11 kV & below
1981-82	159	1,641	167	6,135	18,021
1982-83	179	1,641	167	6,811	19,775
1983-84	179	1,641	167	7,281	21,013
1984-85	179	1,917	167	7,722	23,374
1985-86	250	2,030	167	7,952	25,419
1986-87	250	2,062	167	8,067	26,715
1987-88	250	2,120	167	8,140	27,509
1988-89	250	2,208	167	8,163	28,144
1989-90	250	2,235	167	8,242	28,664
1990-91	250	2,235	167	8,387	30,065
1991-92	250	2,235	167	7,928	24,852
1992-93	351	2,102	167	7,982	25,135
1993-94	411	2,379	167	8,067	25,631
1994-95	419	2,469	167	8,137	26,556
1995-96	419	2,469	167	8172	27790
1996-97	419	2,506	167	8,183	28,828
1997-98	419	2,506	167	8,203	29,422
1998-99	419	2,634	167	8,307	30,351
1999-00	570	2,634	167	8,394	30,969
2000-01	572	2,634	167	8,443	31,967
2001-02	572	2,634	167	8,555	33,101
2002-03	683	2,635	167	8,702	34,357
2003-04	683	2,658	167	8,755	35,477
2004-05	734	2,760	167	8,800	36,737
2005-06	734	3,018	167	8,923	37,676
2006-07	734	3,063	167	8977	47,479
2007-08	1158	3,167	167	8987.86	47,752
2008-09	1323	3,192	167	*3763	*25415

*Excluding WZPDCL, REB

Prize giving ceremony of Annual Cultural Competition and a Cultural Programme of BPDB.

CONSUMPTION OF FUEL (BPDB)

YEAR	Natural gas in MMCFT	Liquid Fuel in Million liter		Coal in Million Ton
		Furnace oil	HSD,SKO & LDO	
1990-91	78,258.10	17.73	40.64	-----
1991-92	83,803.43	68.87	75.78	-----
1992-93	88,117.25	127.27	94.21	-----
1993-94	92,064.05	122.70	113.79	-----
1994-95	1,03,907.60	118.42	216.80	-----
1995-96	1,06,592.75	75.58	200.49	-----
1996-97	1,07,240.03	124.48	304.13	-----
1997-98	1,20,376.26	108.47	320.11	-----
1998-99	1,36,802.00	53.14	245.05	-----
1999-00	1,41,330.13	137.35	110.49	-----
2000-01	1,51,312.47	114.02	92.01	-----
2001-02	1,51,577.35	102.10	66.00	-----
2002-03	1,31,180.00	154.20	74.08	-----
2003-04	1,34,482.37	209.17	114.32	-----
2004-05	1,41,021.85	229.86	123.75	-----
2005-06	1,53,920.65	204.85	149.61	0.19
2006-07	1,46,261.67	111.84	119.19	0.51
2007-08	1,50,991.54	137.11	111.52	0.45
2008-09	1,61,007.68	90.26	112.812	0.47



Note : X axis represents the values of Liquid Fuel and Coal , Unit of Liquid Fuel is Million Litre and Coal Unit is Ten Thousand Ton

FUEL COST IN MILLION TAKA (BPDB)

Year	East Zone	West Zone	System Total	% Increase over preceeding Year
1991-92	3,336.9680	1,484.1930	4,821.1610	
1992-93	3,802.6470	2,157.1310	5,959.7780	23.62
1993-94	4,084.6642	2,387.9970	6,472.6612	8.61
1994-95	4,951.1771	3,242.1087	8,193.2858	26.58
1995-96	5,071.5326	2,828.1586	7,899.6912	(-)3.58
1996-97	4,881.9630	4,376.3850	9,258.3480	17.20
1997-98	5,809.4409	4,479.3460	10,288.7869	11.13
1998-99	7,116.3757	3,324.5554	10,440.9311	1.48
1999-00	7,732.3040	2,079.7911	9,812.0951	(-)6.02
2000-01	8,845.5142	2,532.6597	11,378.1739	15.96
2001-02	9,151.6294	2,474.4042	11,626.0336	2.18
2002-03	8,324.4894	3,488.1182	11,812.6076	1.60
2003-04	8,482.4318	4,926.2246	13,408.6564	13.51
2004-2005	9,312.7981	6,757.1152	16,069.9133	19.85
2005-2006	8944.8996	7384.6046	16,329.5042	1.62
2006-2007	7265.3647	9494.0632	16,759.4279	2.63
2007-2008	8759.1900	8194.2300	16,953.4200	1.16
2008-2009	6623.5700	11608.6000	18,232.1700	7.54

FUEL PRICE

Sl. No.	Name of Petrolium Products	Increased price with effect from										
		1.12.98	16.08.2000	27.12.2001	01.01.2002	06.01.2003	08.06.2004	01.01.2005	04.09.2005	26.06.06	02.04.07	15.03.09
1.	Kerosine oil(in Tk / Lit)	12.66	15.17	16.67	16.67	16.83	16.83	22.52	29.37	32.31	40.00	42.71
2.	High speed Diesel oil (TK./ Lit)	12.63	15.09	16.59	16.59	19.83	19.83	22.37	29.18	31.98	40.00	42.71
3.	Light Diesel Oil(TK./ Lit)	13.40	16.22	17.60	17.60	19.71	19.71	22.01	28.00	28.00	40.00	42.71
4.	Furnace oil(TK./ Lit)	5.00	6.50	12.50	12.50	10.00	12.00	12.00	14.00	14.00	20.00	26.00
5.	Natarul Gas (TK./ 1000 Cft)	54.66	62.87	62.87	65.99	70.00	70.00	73.91	73.91	73.91	73.91	73.91

PER CAPITA GENERATION AND CONSUMPTION

Year	Total Generation (GWh)	Total Population (In million)	Total Sale (MKWh)	Per Capita Generation (KWh)	Per Capita Consumption (KWh)
1990-91	8,270.19	110.60	4,870.61	74.77	44.04
1991-92	8,894.25	112.13	6,021.39	79.32	53.70
1992-93	9,206.44	115.07	6,906.38	80.01	60.02
1993-94	9,784.35	116.22	7,447.52	84.19	64.08
1994-95	10,806.43	117.38	8,371.02	92.06	71.32
1995-96	11,474.21	118.55	8,995.91	96.79	75.88
1996-97	11,857.59	119.74	9,446.85	99.03	78.90
1997-98	12,882.41	126.50	10,176.00	101.84	80.44
1998-99	14,450.43	128.00	11,352.28	112.89	88.69
1999-00	15,562.71	130.00	12,461.13	119.71	95.85
2000-01	17,023.90	132.00	14,002.71	128.97	106.08
2001-02	18,220.75	133.95	15,243.27	136.02	113.80
2002-03	19,179.58	133.40	16,331.59	143.77	122.43
2003-04	20,820.26	135.40	18,023.61	153.77	133.11
2004-05	22,006.19	137.43	19,195.87	160.13	139.68
2005-06	23,703.01	139.49	20,954.27	169.93	150.22
2006-07	23,739.24	141.23	21,181.10	168.08	149.97
2007-08	25,292.77	143.00	22,622.03	176.87	158.20
2008-09	26,603.95	144.79	23,936.78	183.74	165.32

Note : 1. Per capita generation does not include REB's IPP.
2. Per capita consumption is based on BPDB's sales.

AVERAGE BILLING RATE

Fiscal Year	Average Billing Rate (Taka)	Percentage Increase over the Preceding Year
1990-91	2.32	8.41
1991-92	2.00	(-)13.79
1992-93	1.90	(-)5.00
1993-94	1.89	(-)0.53
1994-95	1.87	(-)1.06
1995-96	1.87	0.00
1996-97	1.96	4.81
1997-98	2.07	5.36
1998-99	2.08	0.76
1999-00	2.20	5.73
2000-01	2.25	2.27
2001-02	2.31	2.67
2002-03	2.45	6.06
2003-04	2.40	(-)2.04
2004-05	2.27	(-)5.42
2005-06	2.19	(-)3.52
2006-07	2.26	(-)3.52
2007-08	2.36	4.42
2008-09	2.56	8.47

Chapter 5

REFORMS & OTHER ACTIVITIES

Solar Street Light at Borkol

REFORMS

To provide electricity to all by the year 2020 is a long-term vision of the Government. Government is committed to implement reform to ensure reliable and quality supply of electricity at a reasonable price. BPDB is also working in this direction.

o The Electricity Directorate was established in 1947 in order to plan and improve power supply situation of the country. Considering the increasing demand of electricity and its importance in agriculture & industry "Water & Power Development Authority" (WAPDA) was created to ensure the rapid development of electricity system at 1959. The "WAPDA" was divided into two parts namely "Bangladesh Power Development Board" & "Bangladesh Water Development Board" by the Presidential Order 59 (PO-59) of 31st May 1972. As a result, Bangladesh Power Development Board was entrusted with the responsibilities of Operation, Maintenance, and development of generation, transmission & Distribution facilities of Electricity throughout the whole country. Under reform, Bangladesh Power Development Board will be converted into Holding Company. Foreign Consultant has already submitted their final Report by preparing recommendations to convert BPDB into Holding Company.

- By the ordinance (Ordinance No-LI of 1977) Rural Electrification Board (REB) was established for the development of electricity in the rural areas for the effective benefit of rural people on October of 1977.
- Under the reform program Dhaka Electric Supply Authority (DESA) was created for the proper management & electrification in Dhaka city and its adjoining districts in 1990.
- Under the Companies Act 1994, Power Grid Company (PGCB) was created in 1996 to oversee the transmission system.
- Ashuganj Power Station has been converted into Ashuganj Power Station Company Ltd. (APSCL) in 1996.
- West Zone Power Distribution Company Ltd. (WZPDCL) was created in 2002 to oversee the distribution system of Barisal and Khulna Zone.
- Electricity Generation Company of Bangladesh (EGCB) is working as a Generation Company. It has already taken over the Siddhirganj 210 MW power Station. A number of Power Plant projects like Siddirganj 2x120 MW, Siddirganj 2x150 MW and Haripur 360 MW power Plant will be implemented by EGCB.
- North West Zone Power Distribution Company Ltd. (NWZPDCL) is formed and Board of directors & Managements are recruited to run it efficiently. It will oversee the distribution activities of Rajshahi & Rangpur Zone.
- North West Power Generation Company Ltd. (NWPGCL) has been formed in 2007. It will implement the Khulna 150 MW peaking, Sirajganj 150 MW Peaking Power Plant and Bheramara 360 MW Power plant projects.
- South Zone Power Distribution Company Ltd. (SZPDCL) is registered in 2008 as a distribution Company to run the distribution activities of Chittagong & Comilla Zone.
- Formation of North East Zone Power distribution Company Ltd. (NEZPDCL) is in progress. It will look after the distribution activities of Mymensingh & Sylhet zone.
- Proposal is under preparation for getting approval of government to establish BPDB Holding Company.

OTHER ACTIVITIES

Total Quality Management (TQM)

Total Quality Management (TQM) is a culture and effective tool for management improvement. Many countries of the world developed their management culture through implementation of TQM. BPDB has already started TQM in its different offices. A directorate named TQM promotion office has been created in August 2002 to look after TQM activities in BPDB. TQM is already under implementation in 190 offices in BPDB.

Mr. S.M. Mesbahul Islam, Member Administration inaugurating a training course on TQM in RTC, Chittagong

1000 nos. of QC circle are working actively in 190 offices under the guidance of TQM promotion office. 200 nos. of Steering committees are working to monitor the activities of TQM in 190 offices. Zonal competition held regularly in 6 zones. Internal Qc circle convention of BPDB held regularly. Monthly meeting of TQM task team held in every month to monitor the TQM activities in selected offices. TQM training has been imparted to 6150 nos. of officers & Staffs till FY 2009. JICA is supporting through technical assistance to promote TQM in BPDB.

Renewable Energy Development & Energy Efficiency Measures

BPDB has taken a number of steps in the development of Renewable Energy and implementation of Energy Efficiency Measures. Under the Hill Tracts Electrification Project BPDB has implemented three solar projects in the Hill Tracts area. One in Juraichori Upazilla, one in Barkal Upazilla, another in Thanchi Upazilla at Rangamati District.

Under 1st, 2nd and 3rd Phases, 1200 sets Solar Home Systems capacity of 120 Wp each, 30 sets Solar PV Street Light Systems of 75 Wp each, 3 sets Solar PV Submersible Water Pumps of 50,000 liters per day lifting capacity of each pump of 1800 Wp, 6 Sets of Solar PV Vaccine Refrigerators for the Health Care Centers of 360 Wp (3X120Wp) each and 2 sets of 10 kW each Solar system for Market electrification

In the fiscal year 2008-09, BPDB has implemented another two solar electrification projects in Angorpota and Dohogram (Chit Mohol) and WAPDA Building (BPDB Officies).

Implemented Solar projects of Angorpota and Dohogram:

1. 2 sets solar home system and capacity of 50 Wp each.
2. 2 sets solar home system and capacity of 80 Wp each.
3. 8 sets solar home system and capacity of 100 Wp each.

Electrification Areas: BDR Camp, Union Council, Mother & Child Family Planning Centre, Primary and High School etc.

Implemented Solar projects in WAPDA Building BPDB Officies:

1. 2 sets solar home system and capacity of 75 Wp each.
2. 3 sets solar home system and capacity of 80 Wp each

In order to generate electricity from Wind Energy, BPDB has installed 4x225 kW = 900 kW capacity Wind Mill in Feni Muhuri Dam area. These machines were hooked up with nearby REB 11 kV feeder. Besides 4 nos. of wind measuring tower at a height of 50 meters were installed at Muhuri Dam (Feni), Moghnama ghat (Cox-bazar), Purki Saikat (Patenga) and Kuakata area. The speed and direction of wind is being measured by two anemometers in each place at a height of 30 and 50 meters respectively.

A project of 1000 kW Wind Battery Hybrid Power Plant at Kutubdia is running on. This project is consisted of 50 Wind Turbines of 20 kW capacity each. The wind turbines produce electricity and charges the batteries at the battery banks which consisting of 1000 numbers of 200 AH, 12 VDC batteries. The stored electrical power from the battery banks converted the AC power by using inverters.

The 11 kV output is taken from the project site to the Barghop Bazar, which is about 8 km away from the project control room. This 11 kV power is distributed through out the consumers of the Kutubdia Upazilla Sadar through the 11/0.4 kV step down transformers and the distribution lines

Some small potential of mini hydropower generation are available in hill tracts area of Bangladesh. A 50 kW generator has been installed at Barkal area of Rangamati district. Installations of CFL (Compact fluorescent Lamp) in different offices of BPDB headquarters have already been completed. CFL will be installed in different offices of BPDB in phases.

BPDB Stall at the National Workshop on Energy Conservation and Renewable Energy Programme organised by Ministry of Power, Energy & Mineral Resources in a local Hotel.

Planning for Solar & Wind Projects

1. BPDB is implementing 20.16 kWp Solar Power System (hybrid) to run 8 kW light load at Prime Minister office.

2. BPDB has planned to install Solar Home Systems in all Officies of BPDB in phases for Lighting Purposes (150-200k Wp).

3. BPDB has planned to develop 4(four) numbers of grid connected solar power plant with total installed capacity of 10-15 MW.

4. BPDB has planned to expand Wind Power (100 MW offshore) in coastal areas.

Demand Side Management

Demand-side management (DSM) means modifying energy use to maximize energy efficiency. DSM tries to get benefit out of existing energy resources. DSM involves consumers changing their energy use habits and using energy efficient appliances, equipment etc.

To keep load shedding at a minimum level, BPDB has taken a number of steps for demand side management, which are as follows

1. To shift irrigation load from peak hour to off peak hour, BPDB started serious campaign through electronic and print media. In the last few years it was estimated that 400 MW irrigation load was shifted from peak hour.

2. BPDB has taken motivational programs to enhance awareness of the consumers during peak hours. Consumers are requested through electronic and print media to be rational and economical in electricity use during peak hour by switching off unnecessary loads like extra lighting, ironing, pumps, air conditioners and welding machines etc.

3. As part of demand side management program, BPDB has taken several steps. BPDB is using CFL in offices. BPDB also trying to motivate consumer to use Energy efficient lamp.

4. Industries operating in two shifts are being requested not to operate during peak hours. Industries and large commercial customers like shopping malls are being requested to use their own captive generation.

5. Holiday staggering for industries is under implementation.

6. Load Management Committee has been formed in every distribution zone/circle/division to monitor the proper load distribution during irrigation.

7. Commercial establishments and Shopping Complex can contribute a lot to the load management as well as to energy conservation if they are closed before sunset. It could save about 250 MW of load. At present there is a directive to close down Markets & Shopping malls by 8 p.m.

8. Day light saving scheme is already implemented. About 200 MW demand reduced by shifting time one hour.

Implementation of Pre-payment Metering System in BPDB

BPDB has taken initiative to implement pre-payment metering System with a view to reduce non-technical losses, collect the revenue up-front (100%), improve customer's service and to reduce the account receivable. The system also reduces management cost as meter reading, billing, ledger keeping; disconnection/re-connection because those are not required under this system. The economic use of electricity by the Pre-payment Metering customers helps to reduce the peak demand of the system, which in turn relieves the generation. On the other side the pre-payment customers are free to use desired quantity of electricity units on cash payment without anxiety and any hassle. The pre-payment metering customers will get 2% (two percent) discount on the general tariff.

On the above ground Government of Bangladesh (GOB) has given priority in prepayment metering. Considering above circumstances a project named "Pre-payment metering project for distribution Southern Zone, Chittagong" has been approved by ECNEC. Three 11 KV feeders of Chittagong (Two of Khulsi & One of Stadium) has already been completed Pre-payment metering system. At present 40,000 nos of customers have been brought under Pre-payment metering system in Chittagong, Bogra, Sylhet and Sirajgonj. As a result system losses have been reduced and revenue collections have increased as well as priority of better customer services. The implementation of Pre-payment metering system is going on.

Computerized Billing

To increase the revenue collection, decrease the system loss and to ensure better service to the consumer initiatives are taken to expand the computerized billing system. Computerized billing system is already implemented in all Circles, which will serve 100% of total consumer of BPDB. SMS based bill collection system already introduced in Chittagong, Sylhet, Rajshahi, Mymensingh & Rangpur region. Initiatives are taken to expand this system in Comilla region. Initiatives are also taken to modernize the billing and collection system.

HRD Activities

BPDB is responsible for Power Generation, Power Purchase from IPP and Distribution mainly in urban areas and selling power to DPDC, DESCO, WZPDC, REB and subsidiaries.

BPDB's vision to provide quality & reliable electricity to the people for desired economic, social & human development of country, to make electricity available to all citizens by the year 2020. For this it is needed to develop specialized skilled services in the field of Operation & Maintenance with outstanding performance in Generation, Transmission & Distribution for promoting competition among various power sector entities. For successful implementation of BPDB's vision, development of human resources through training is essential. BPDB has approved a training policy January/2003 in its 1026th General Board meeting held on 10th February 2003.

Bangladesh Power Development Board has been implementing all its training Programs through Directorate of Training & Career Development. Training Programs of BPDB are being conducted in the Regional Training Centres located at Tongi, Rajshahi, Chittagong, Khulna, Power training center at Ghorasal and Ashuganj, Distribution training Center at Khulna and Engineering Academy at Kaptai. In the head quarter of Director Training & career Development, a Computer Training Centre has been setup in parallel to the other training Centre. BPDB through its Directorate of Training & Carrier Development is also harnessing the training Program from BPATC, BIM, BARD and other training units in the country.

Some new training courses like renewable energy, TQM, SBU, Management training courses for corporate leaders of BPDB, CPM, PERT, TOT etc are also being implemented in addition to scheduled program. Some projects tied programs at home and abroad are also being conducted for human resource development in BPDB. Board is ambitious to establish a need based training program.

Mr. A.S.M. Alamgir Kabir, Chairman BPDB talking to the Media in front of Rajuk Bhaban while forwarding the clock an hour at 11.00 pm on June 19, 2009 as a part of introducing Daylight Saving Time (DST)

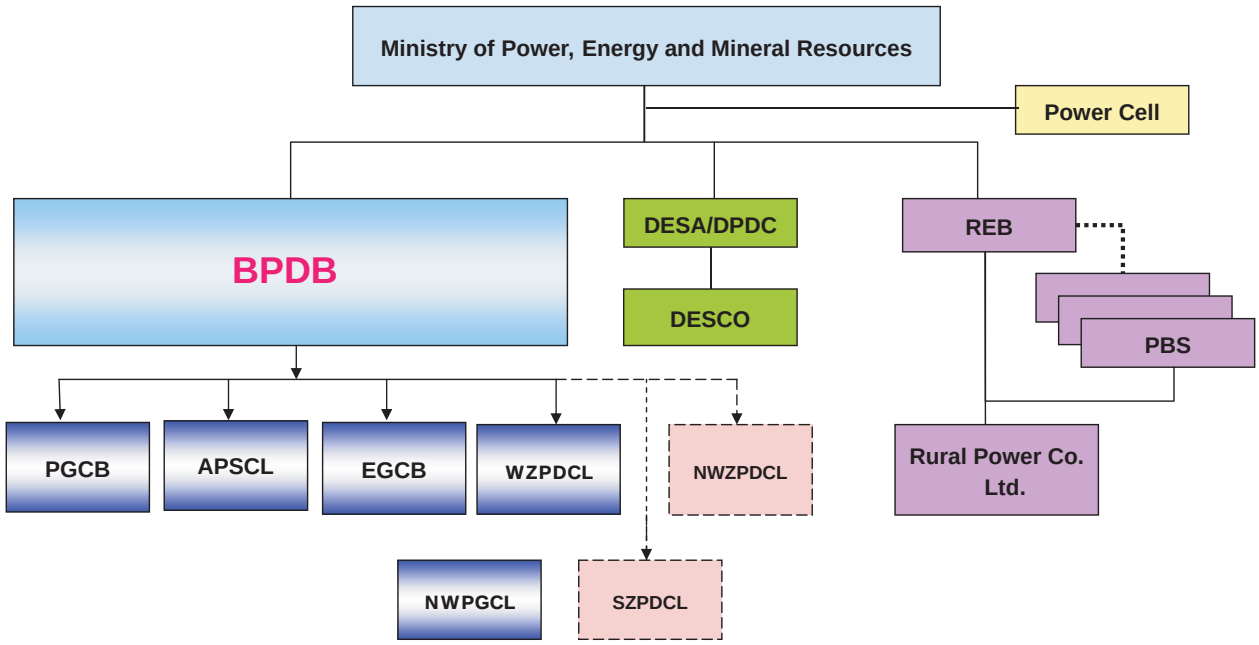
ACHIEVEMENT AGAINST TRAINING PROGRAM

conducted during FY 2009 is shown below

Sl. No.	Name of Training Center/Academy	No. of Course	Total No. of Trainees
1.	Engineering Academy, Kaptai	24	319
2.	Regional Training Centre, Tongi	36	466
3.	Regional Training Centre, Chittagong	59	794
4.	Regional Training Centre, Rajshahi	44	494
5.	Ghorasal Training Centre, Narsingdi	34	440
6.	Directorate of Training & Career Developm ent, Dhaka. (Computer Training)	23	266
7.	Training in Abroad	33	71
8.	Seminar / Workshop	7	170
	Total	**260**	**3020**

Participants in a Training Course on TQM organised by JICA

BPDB and Present Power Sector Structure



Prepared by the Directorates of System Planning, Programme, Accounts and O & M.
Compiled and Published by the Directorate of Public Relations, BPDB.

Chapter 6

ACCOUNTS, FINANCE AND AUDIT

State Minister for Power, Energy & Mineral Resources
Advocate Shamsul Hoque Tuku visiting Cox's Bazar Grid Sub-station.

ACCOUNTS, FINANCE AND AUDIT

Electricity (Power) plays a vital role in the economy of a developing country in many aspects. Day to day the demand of the electricity is growing up. To meet the growing demand of the electricity, BPDB has given high priority in the electricity generation. Beside own generation, BPDB also purchase electricity from the Private Companies generally termed as IPP (Independent Power Producer) purchase from Rental to meet the growing demand. Electricity generation of BPDB during the financial year 2008-2009 was 10513.00 MkWh and electricity purchase from IPP was 8832.00 MkWh from Rental was 1342.00 and from Public plant 4934.00 totaling 25621.00 MKWH compared to 24314.89 MkWh (own Generation 10582.00 MkWh +IPP 9087.74 MkWh+ Purchase from Rental 54.15+ Purchase from Public Plant 4591.00) of FY 2007-2008. This shows a decrease over the previous year's own generation by 69 MkWh & purchase from IPP decrease by 255.74 MkWh, Rental increase 1287.85 & Public Plant increase 343 MkWh respectively. The energy sale during 2008-2009 was 23936.779 MkWh compared to 22622.03 MkWh of the preceding year. Sales units increased 5.81% over the preceding financial year. System Loss is 13.57% compared to 14.43% of the previous year. This indicates that a decrease of system loss by 0.86% over the preceding year. Table-A shows a complete picture of the above information.

Table-A

Figures in MkWh

Particulars	2008-09		2007-08		Increase/ Decrease
	MkWh	(%)	MkWh	(%)	
Total	**25,621.00**	**100**	**24,314.89**	**100**	**5.37%**
i. BPDB's Generation	10,513.00	41.03	10,582.00	43.53	-0.28%
ii. Purchase from IPP	8,832.00	34.47	9,087.74	37.37	-2.81%
ii. Purchase from Rental	1,342.00	5.24	54.15	0.22	2,378.30%
ii. Purchase from Public Plant	4,934.00	19.26	4,591.00	18.88	7.47%

It shows that Purchase from Rental & Purchase from Public Plant has increased by 2378.30% & 7.47% whereas own generation the & purchase of electricity through IPP has decreased by 0.28% & 2.81% compare to the year 2007-2008. Chart-1 shows the comparative generation picture of "BPDB's" with "IPP"

TREND OF ELECTRICITY GENERATION

Chart-1

During the financial year 2008-2009 sales to DPDC, DESCO, WZPDCl & REB amounted to Taka 1270.71 Crores, 648.91 Crores, 352.85 Crores, and 2003.96 Crores respectively against which amount collected was 1252.22 Crores, 622.25 Crores, 339.33 Crores and 1856.30 Crores which is only 98.54%, 95.89%,96.16% & 92.63% of collection amount respectively. A comparison of the energy sale and operating expenses for FY 2008-2009 and 2007-2008 is shown below:

Table-B

Figures in Crore Taka

Sl. No.	Head of Accounts	Actual 2008-2009	Actual 2007-2008	Percentage increase/Decrease (%)
1	**Operating Revenue :**	6363.27	5,594.34	13.74
	From Sale of Electricity	6151.93	5392.72	14.08
	Other Operating Revenue	211.34	201.62	4.82
2	**Operating Expenses :**	7015.13	6251.00	12.22
i	Fuel Cost	1823.27	1695.34	7.55
ii	Cost of electricity purchase from IPP	2384.93	2787.18	(15.37)
iii	Eectricity purchase from RENTAL	697.88	30.90	2158.51
iv	Eectricity purchase from Public Plant	599.03	0	0.00
v	Generation Expenses (Excluding fuel cost & IPP)	761.53	849.21	-10.32
vi	Wheeling Charge to PGCB	131.25	127.36	3.06
vii	Distribution Expenses	474.98	635.49	(25.26)
viii	Customers Expenses	35.88	32.97	8.79
ix	General & Administrative Expenses	106.38	92.55	14.95
3	**Operating Loss/Profit = (1-2)**	**-651.86**	**-656.66**	**(0.73)**

Table-B shows that sale of electricity has been increased by 14.08% over the year 2007-08. From the above table it is seen that the cost of fuel for generation has increased by 7.55%. The total operating expenses has increased by 12.22%,

Thus during the financial year 2008-2009, the share of fuel cost & purchase from IPP over total operating cost stood at 25.99% & 34% compared to at 27.12% & 44.59% respectively of the preceding year. Transmission cost percentage to total Operating expenses is 1.87% for the year 2008-09, which was 2.04% in the year 2007-08. Distribution Expenses to operating expenses is 6.77% for the year 2008-09, which was 10.17% in the year 2007-08.

Chart-3 also shows the share of each component to total operating expenses. Operating Loss for the year 2008-09 is -10.24% to total operating revenue, which was -11.74% in the preceding year.

CATEGORY WISE EXPENSES

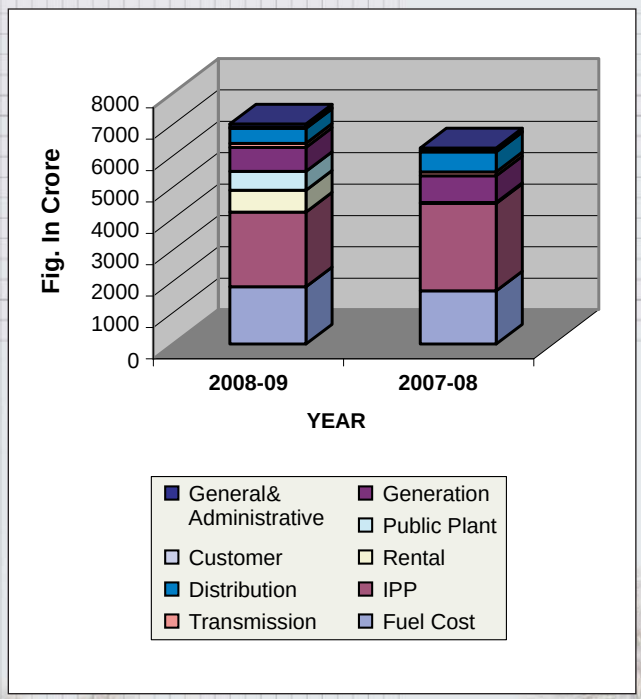


Chart-2

The Statement of Actual Income and Expenses compared to the revised Budget of FY 2008-2009 is given below

FIGURE IN CRORE TAKA

Head of Accounts	Budget	Actual	Performance %
	FY 2008-09	FY 2008-09	
OPERATING REVENUE			
Electricity Sales	6342.11	6151.93	97.00%
Other Operating Revenue	120.21	211.34	175.81%
Total Operating Revenue	**6462.32**	**6363.27**	**98.47%**
Operating Expenses			
Fuel Cost	2136.69	1823.27	85.33%
Depreciation	707.07	738.12	104.39%
Repairs & Maintenance	279.35	195.57	108.07%
Electricity purchase from IPP	2537.95	2384.73	93.97%
Electricity purchase from RENTAL	795.37	697.80	87.74%
Electricity purchase from PUBLIC	574.99	599.03	104.18%
Wheeling Charges to PGCB	126.09	131.25	104.09%
Other Operating Expenses	162.95	113.31	69.53%
Sales & Distribution Expenses	275.12	225.60	82.00%
Administrative Expenses	84.60	106.38	125.74%
Total Operating Expenses	**7680.18**	**7015.13**	**91.34%**
Operating Income/(Loss)	**-1217.86**	**-651.86**	**53.53%**
Non-Operating Expenses			
Interest on Loans	164.57	208.69	78.88%
Assets Insurance Provision	1.50	1.50	100.00%
Exchange Rate Fluctuation Loss/(Gain)	66.76	(33.45)	(33.45)%
Total Non Operating Expenses	332.83	176.74	53.10%
Net Income/(Loss)	**-1550.69**	**(828.61)**	**53.43%**

From the above statement it is clear that, the actual net loss for the FY 2008-2009 is Taka 828.61 Crores against the revised budgeted net Loss of Taka 1550.69 Crores. This indicates that net loss decreses by Taka 722.08 Crores. In analysis of the revised budget and actual expenditure it is observed that all operating expenses are less than that of revised budget with an exceptions of "Depreciation, Repair & Maintenance, Administration Expenses, Wheeling Charges to PGCB & Electricity Purchase from Public ".It indicates that the govt. orders/decisions for controlling the cost have been reflected in BPDB's operation.

Utility Plant in Service acquired through project completion amounting to Taka 155.35 Crores was transferred to operation during the FY 2008-2009. Depreciation has been provided @ 3.20% on the opening balance of utility plant in service except transportation equipment on which depreciation has been charged @ 9.00% on straight-line method & half of the normal rate on addition during the year. Repayment due during the FY 2008-2009 was against foreign and Govt. Loans are Taka 365.02 Crores and 137.88 Crores respectively. Payment of DSL to Govt. during the year under review amounted to Taka 222.48. Crores.

Chart-3 shows the trend analysis of revenue from sale of electricity with operating expense. It indicates that controlling of expenditure makes BPDB's financial position a few better over last two years.

Member Finance Mr. M. Murtozaa Reza presiding over a meeting of heads of Regional Accounts Offices and high officials of Audit, Accounts and Finance Cadre of BPDB.

Revenue to Operating Expenses

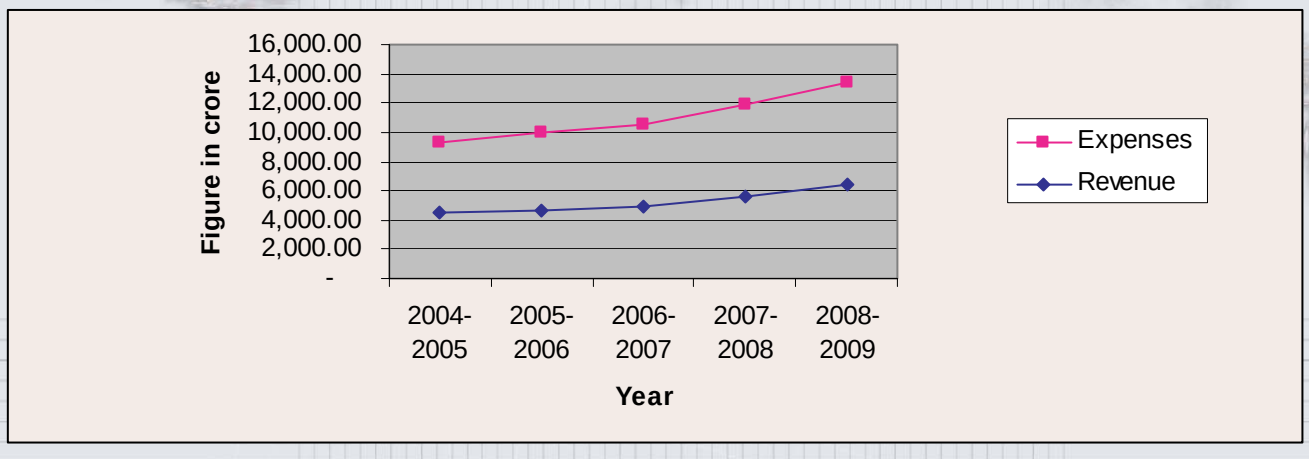


Chart-3

Expense in catagory

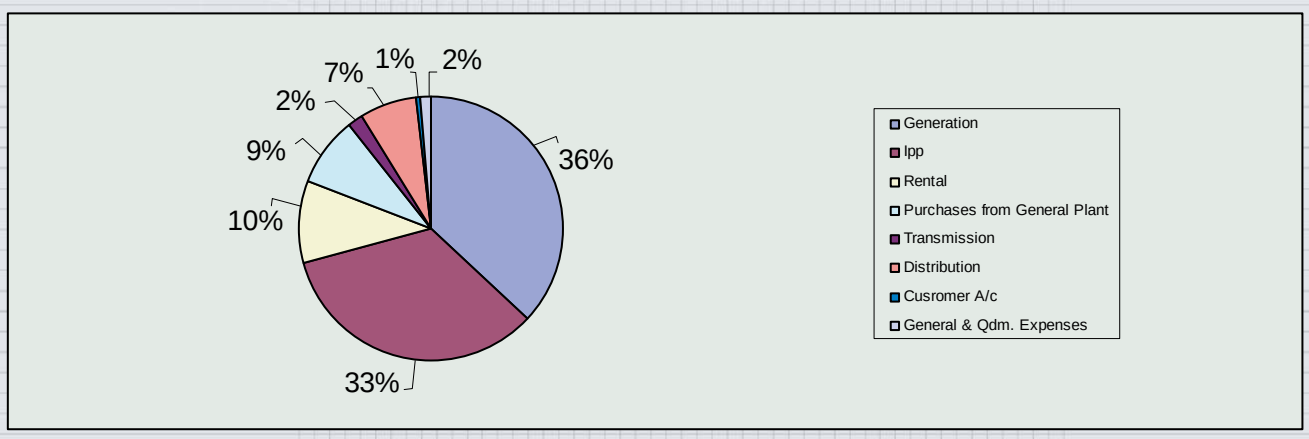


Chart-4

Sales to collection

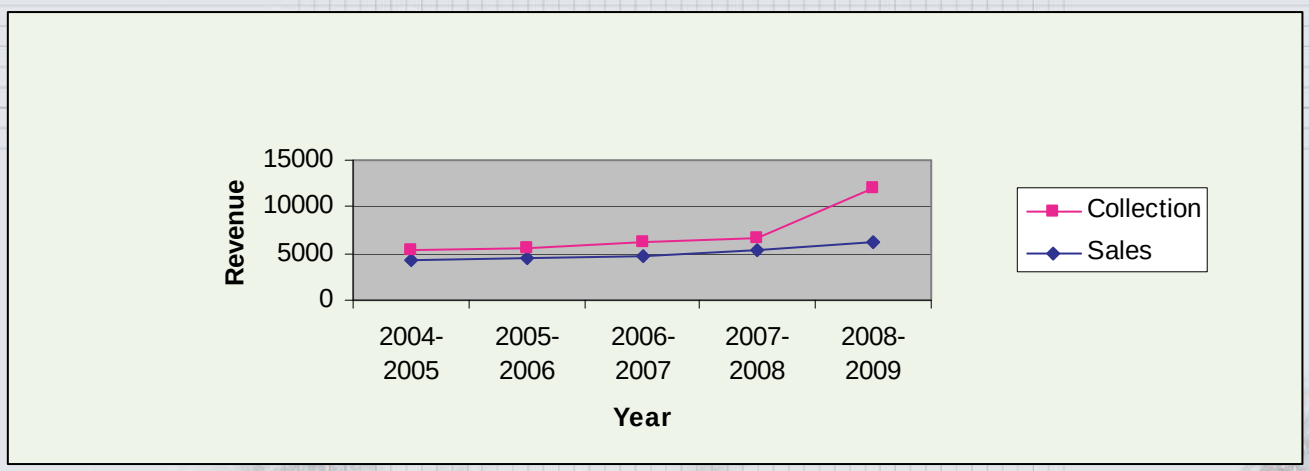


Chart-5

Chart-5 shows the trend of collection with sales for last five years (Excluding DESA).

BALANCE SHEET
As at 30 June, 2009

IAS Ref.		Note	30 June, 2009 Taka	30 June, 2008 Taka
1p46(a) 1p8(a) 1p46(c) 1p38 1p46(e), 1p113				
	ASSETS			
	NON CURRENT ASSETS			
1p68(a)	Property, plant and equipment	3	166,344,163,125	170,856,846,054
1p69, 74	Capital work in progress	4	20,261,790,409	17,596,072,312
1p74	Investments	5	7,411,681,856	5,030,701,745
1p68(e)	Investments in associated company	6	12,514,945,528	12,514,945,528
	CURRENT ASSETS			
1p68(h)	Trade and other receivables	7	48,127,417,758	46,101,740,107
1p68(h)	other receivable	8	9,615,715,295	8,530,362,112
1p68(g)	Inventory	9	8,320,766,472	7,683,951,726
1p68(h)	Advance to contractors and suppliers	10	2,439,917,419	1,289,010,646
1p68(h)	Advance to employess	11	1,312,820,663	1,296,369,278
1p68(h)	Deposit and prepayment expenses	12	109,233,194	267,746,745
1p68(i)	Cash and cash equivalents	13	22,214,937,336	18,817,113,082
			92,140,808,136	**83,986,293,696**
	TOTAL ASSETS		**298,673,389,054**	**289,984,859,335**

Hoda Vasi Chowdhury & Co
Chartered Accountants

Khan Wahab Shafique Rahman & Co
Chartered Accountants

BALANCE SHEET
As at 30 June, 2009

			30 June, 2009	30 June, 2008
	EQUITY	**Note**	**Taka**	**Taka**
1p76(a)	Share Capital			
1p76(a) (I)	Authorised Capital		100,000,000,000	100,000,000,000
1p68(p),75(e)	Paid up Share capital	14	92,964,804,898	90,807,635,117
1p68(p),75(e)	Capital reserve	15	123,237,923,306	123,064,938,791
1p68(p),75(e)	Retained earnings	16	(100,780,954,252)	(94,382,378,810)
	TOTAL EQUITY AND RESERVE		**115,421,773,952**	**119,490,195,098**
	CURRENT LIABILITIES			
1p68(j)	Trade and other payables	17	10,009,294,207	10,580,685,367
1p68(l)	Other liabilities	20	6,312,724,318	7,353,425,635
	Clearing accounts	21	3,566,765,265	4,366,772,451
			19,888,783,790	**22,300,883,453**
	CURRENT PORTION OF LONG TERM LIABILITIES			
1p62	Current portion of long term liabilities-currrent year	18	4,785,942,022	4,369,996,548
1p68(l)	Debt Service liabilities	19	85,491,580,849	78,317,918,239
			90,277,522,871	**82,687,914,787**
	LONG TERM LIABILITIES			
1p68(l)	Loans and other borrowings	22		
	Government loan-price subsidy		22,400,931,594	12,133,631,594
1p68(l)	Government loan-project		30,039,260,673	29,907,639,618
1p68(l)	Foreign loan		20,645,116,174	23,464,594,785
			73,085,308,441	**65,505,865,997**
	TOTAL LIABILITIES		**183,251,615,102**	**170,494,664,237**
	TOTAL EQUITY AND LIABILITIES		**298,673,389,054**	**289,984,859,335**

The annexed note 1 to 30 form an integral part of these fiancial statements

Hoda Vasi Chowdhury & Co
Chartered Accountants

Khan Wahab Shafique Rahman & Co
Chartered Accountants

INCOME STATEMENT

IAS Ref.		Note	30 June 2009 Taka	30 June 2008 Taka
1p46(a) 1p8(b) 1p46(c)				
1p38				
1p46(e), 1p113				
1p81(a)	**Revenue**	23		
	Bangladesh Power Development Board (BPDB)			
	Domestic Light & Power		6,358,756,900	6,278,790,001
	Agriculture		381,247,503	218,079,105
	Small Industries		1,914,196,704	1,624,982,307
	Non Residential Light & Power		388,259,256	255,120,553
	Commercial & Offices		3,180,634,127	2,966,246,464
	Medium Voltage (11KV)		4,298,425,334	3,909,754,181
	33 KV & Above Consumers		2,024,048,966	2,064,878,364
	Street & Pump		209,479,789	322,335,373
			18,755,048,579	**17,640,186,347**
	Dhaka Power Distribution Company (DPDC)		12,707,051,883	10,997,590,000
	Dhaka Electric Supplu Company (DESCO)		6,489,118,726	5,561,650,000
	West Zone Power Distribution Company Ltd. (WZPDCL)		3,528,451,043	2,971,750,000
	Rural Electrification Board (REB)		9,635,875,667	3,341,734,885
	REB - (Regional Accounting Office) RAO		10,403,743,333	13,414,275,115
			61,519,289,231	**53,927,186,347**
1p83	**Cost of sales**			
	Electric Purchase IPP	24	23,849,306,520	27,871,775,878
	Electric purchase Rental	25	6,978,799,252	309,036,859
	Electric purchase Public Plant	26	5,990,340,782	-
	Transmission expenses		1,312,524,685	1,273,602,658
	Manufacturing, labour and overhead	27	25,848,023,771	25,445,466,099
			63,978,995,010	**54,899,881,494**
	Operating Loss		**(2,459,705,779)**	**(972,695,148)**
1p83	Other operating income		2,113,370,816	2,016,257,211
			(346,334,964)	1,043,562,063
1p83	Distribution expenses		4,749,752,429	6,354,912,788
1p83	Customer Accounts Expenses		358,775,042	329,791,564
1p83	General and administrative expenses		1,078,785,471	940,451,898
	Net Loss before charging Finance cost and exchage loss		**(6,533,647,907)**	**(6,581,594,187)**
1p81(b)	Financing costs		2,086,927,832	2,222,900,129
1p83	Exchange loss\gain		(334,510,922)	1,016,766,189
1p81(f)	**Net Loss**		**(8,286,064,816)**	**(9,821,260,505)**

1p68(p),75(e) 1p46(c) **Retained Earnings**

1p68(p),75(e)	Retained earnings			
1p97(b)	Balance as on 1 July 2008		(94,382,378,807)	(83,832,733,524)
1p97(c)	Prior year adjustment		1,887,489,371	(728,384,781)
1p97(b)	adjusted balance on 1 July 2008		(92,494,889,436)	(84,561,118,305)
1p81(f)	Net Loss		(8,286,064,816)	(9,821,260,505)
			(100,780,954,252)	**(94,382,378,810)**

The annexed notes 1 to 30 form an integral part of these financial statements

Hoda Vasi Chowdhury & Co
Chartered Accountants

Khan Wahab Shafique Rahman & Co
Chartered Accountants

CASH FLOW STATEMENT

IAS Ref.		Notes	30 June 2009	30 June 2008
1p46(a)				
1p8(d)				
1p46(c)				
1p38			30 June 2009	30 June 2008
1p46(e)			Taka	Taka
1p113				
7p10,13	**Cash Flow from Operating Activities**			
7p14(a)	Cash received from customers		59,493,611,580	54,653,700,781
7p14(b)	Cash received from other operating income		1,028,017,633	(785,765,766)
7p14(c)	Cash Paid to Operating Expenses		(64,957,491,387)	(55,155,039,349)
1p81(b)	Financing costs		(2,086,927,832)	(2,222,900,129)
			(6,522,790,006)	**(3,510,004,463)**
7p10,16	**Cash Flow from Investing Activities**			
7p16(a)	Fixed Assets purchase		(2,866,403,279)	(9,750,628,227)
1p71(a),(b)	Capital work in progress		(2,665,718,097)	771,235,875
7p16(c)	Invetment in associate company		-	(62,071,415)
7p22(b)	FDR investment		(5,334,366,543)	(3,302,725,104)
7p22(b)	Investment encashed		2,953,386,431	320,774,386
			(7,913,101,488)	**(12,023,414,486)**
7p10,17	**Cash Flow from Financing Activites**			
7p17(c)	Loan received		14,280,720,185	
7p17(c)	Government loan Project			1,552,616,000
	Government loan -IPP Bill			8,133,631,594
7p17(c)	Foreign Loan			1,283,222,314
	Exchange rate fuctuation			1,163,936,702
7p17(d)	**Loan paid**			
7p17(d)	Government loan Project			(555,815,591)
7p17(d)	Foreign Loan			(2,698,093,027)
	Interest paid Govt Loan			(570,900,000)
	Interest paid Fireign Loan			(538,405,212)
	Refund to government			(308,647,560)
7p17(c),(d)	Adjustment for WZPDCL Loan		-	(6,000,000)
	Opening balance of loan recasting			(68,071,415)
7p28	exchage loss fuctuation		(391,990,123)	(14,000,000)
1p68(p),75(e)	Capital reserve		172,984,515	285,039,634
1p68(p),75(e)	Paid up capital		2,157,169,781	1,484,860,659
7p17(d)	Refund to Government		(140,170,813)	(308,647,560)
			16,078,713,545	8,834,726,538
			1,642,822,050	**(6,698,692,412)**
			18,817,113,082	**16,566,969,724**
			20,459,935,133	**9,868,277,312**
			22,214,937,336	**18,817,113,082**

The annexed note 1 to 30 form an integral part of these fiancial statements

REVENUE

1p81(a)	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Kaptai	69,168,384	71,265,573	(2,097,189)	-2.94%
	P&D Chittagong	2,746,635,893	2,907,778,786	(161,142,893)	-5.54%
	Chittagong Electric Supply	5,638,009,058	5,450,719,959	187,289,099	3.44%
	Shahjibazar	214,466,152	288,198,735	(73,732,583)	-25.58%
	Ghorasal	21,480,049	21,574,340	(94,291)	-0.44%
	Siddirgonj		4,406,188	(4,406,188)	-100.00%
	Rajsahi	1,450,014,855	1,704,916,672	(254,901,817)	-14.95%
	Bogra	2,245,018,301	2,722,086,130	(477,067,829)	-17.53%
	Rangpur	1,078,083,570	1,291,175,052	(213,091,482)	-16.50%
	Dinajpur	934,255,596	1,157,553,969	(223,298,373)	-19.29%
	P&CO, Malibag	6,968,509,772	6,442,698,043	525,811,730	8.16%
	Maymensingh	2,076,305,629	2,344,093,406	(267,787,777)	-11.42%
	Sylhet	1,956,454,529	2,157,387,039	(200,932,510)	-9.31%
	Comilla	2,126,415,606	2,492,666,188	(366,250,581)	-14.69%
	Ishardi	644,563,890	775,187,185	(130,623,295)	-16.85%
	Baghabari	927,139	1,131,983	(204,844)	-18.10%
	Noakhali	987,495,037	1,220,731,864	(233,236,827)	-19.11%
	Haripur	988,451	890,349	98,103	11.02%
	Dhaka Power Distribution Company (DPDC)	12,707,051,883	10,997,590,000	1,709,461,883	15.54%
	Dhaka Electric Supply Company (DESCO)	6,489,118,726	5,561,650,000	927,468,726	16.68%
	West Zone Power Distribution Company (WZPDC)	3,528,451,043	2,971,750,000	556,701,043	18.73%
	Rural Electification Board (REB)	9,635,875,667	3,341,734,885	6,294,140,782	188.35%
		61,519,289,231	**53,927,186,347**	**7,592,102,884**	**14.08%**

COST OF SALES

	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Energy purchase:				
	Electricity purchase from IPP	23,849,306,520	23,338,502,662	510,803,858	2.19%
	Power purchase from rental	6,978,799,252	309,036,859	6,669,762,393	2158.24%
	Electricity purchase from public plant	5,990,340,782	4,533,273,216	1,457,067,566	0.00%
	Transmission expenses	1,312,524,685	1,273,602,658	38,922,027	3.06%
	Manufacturing, Labour and overhead	25,848,023,771	25,445,466,099	402,557,672	1.58%
		63,978,995,010	**54,899,881,494**	**9,079,113,516**	**16.54%**

ELECTRICITY PURCHASE FROM IPP

1p83	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	KPCL, Khulna	7,415,929,910	6,638,267,447	777,662,463	11.71%
	NEPC Bd. (Ltd.), Haripur	2,234,040,447	2,296,411,620	(62,371,173)	-2.72%
	WESTMONT Bd. (Ltd), Baghabari	1,258,633,613	1,391,305,835	(132,672,223)	-9.54%
	RPC Ltd. Mymensingh	3,637,544,378	4,070,864,353	(433,319,975)	-10.64%
	AES, Haripur (Pvt.) Ltd.	3,451,643,462	3,551,491,893	(99,848,431)	-2.81%
	AES Meghna Ghat Bd. Ltd.	5,851,514,711	5,390,161,514	461,353,197	8.56%
		23,849,306,520	**23,338,502,662**	**510,803,858**	**2.19%**

MANUFACTURING AND LABOUR AND OVERHEAD

1p83	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Fuel Consumption	18,232,707,131	16,953,417,395	1,279,289,736	7.55%
	Personnel Expenses				
	Basic salary	292,150,124	319,924,447	(27,774,323)	-8.68%
	Bonus	48,734,300	55,655,343	(6,921,044)	-12.44%
	Overtime	176,837,825	192,677,741	(15,839,916)	-8.22%
	Other allowance	354,063,883	340,163,668	13,900,215	4.09%
	Wages for hired labour	63,253,653	62,679,719	573,934	0.92%
	Leave encashment	12,031,216	17,302,155	(5,270,939)	-30.46%
	Board conrtibution to CPF	2,836,812	3,436,409	(599,597)	-17.45%
	Board conrtibution to GPF	342,724,869	711,811,807	(369,086,938)	-51.85%
	Printing and stationery	5,698,927	5,470,585	228,342	4.17%
	Taxes, license and fees	13,513,448	15,629,281	(2,115,833)	-13.54%
	Telephone, telegram and faxes	2,299,326	3,351,786	(1,052,460)	-31.40%
	Audit fees	35,000	95,000	(60,000)	-63.16%
	Legal expenses	30,361	25,895	4,466	17.25%
	Custom Duties & Sale Tax	33,104,593	124,327,131	(91,222,538)	-73.37%
	VAT	69,779,590	155,826,462	(86,046,872)	-55.22%
	Donation & Contributions	669,930	644,660	25,270	3.92%
	Training & Education	213,856	165,762	48,094	29.01%
	Petrol, diesel and lubricants	60,135,863	54,022,131	6,113,732	11.32%
	Stores and spares used	674,072,979	933,982,864	(259,909,885)	-27.83%
	Insurance expenses	7,744,611	9,759,982	(2,015,371)	-20.65%
	Contractors' fees	-	10,309,031	(10,309,031)	-100.00%
	Consultants expenses	173,290,397	190,497,344	(17,206,947)	-9.03%
	Office & Other Expenses	148,453,611	153,577,478	(5,123,867)	-3.34%
	Repairs & Maintenance	94,707,870	128,592,245	(33,884,375)	-26.35%
	Depreciation	5,038,933,597	5,002,119,778	36,813,819	0.74%
		25,848,023,771	**25,445,466,099**	**402,557,672**	**1.58%**

POWER PURCHASE FROM RENTAL PLANT

1p93	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	AGGREKO, Khulna	4,167,487,625	266,874,702	3,900,612,923	1461.59%
	Bogra 20 MW	348,103,503	42,162,157	305,941,346	725.63%
	Shahjibazar Power Co. Ltd	558,197,793	-	558,197,793	0.00%
	Desh Cambridge, Kumergoan	51,696,848	-	51,696,848	0.00%
	Energyprima, Kumagaon	858,856,080	-	858,856,080	0.00%
	Energyprima, Shahjibazar	595,102,102	-	595,102,102	0.00%
	Venture Energy, Bhola	8,489,927	-	8,489,927	0.00%
	Doren, Tangail	215,979,477	-	215,979,477	0.00%
	Doren, Feni	134,734,775	-	134,734,775	0.00%
	Regent Power Ltd.	40,151,123	-	40,151,123	0.00%
		6,978,799,252	**309,036,859**	6,669,762,393	2158.24%

ELECTRICITY PURCHASE FROM PUBLIC PLANT

1p83	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	APSCL	4,864,821,659	4,000,166,169	864,655,490	21.62%
	SBU Haripur	396,665,262	533,107,047	(136,441,785)	-25.59%
	Siddhirgonj	728,853,861	-	728,853,861	0.00%
		5,990,340,782	**4,533,273,216**	**1,457,067,566**	**32.14%**

OTHER OPERATING INCOME

1p83	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Connection & Disconnection Fees	80,711,229	87,587,865	(6,876,637)	-7.85%
	Late Payment Surcharge / Interest on Consumers Bill	189,733,010	211,558,041	(21,825,031)	-10.32%
	Interest	130,131	-	130,131	0.00%
	Interest on Bank Account	422,793,541	429,035,274	(6,241,733)	-1.45%
	Interest on Security Deposit	335,557	1,012,201	(676,644)	-66.85%
	Interest on Investment	381,476,864	114,822,068	266,654,796	232.23%
	Interest on Advances	16,910,749	13,420,689	3,490,060	26.01%
	Sale of Tender Documents	6,843,709	8,726,792	(1,883,083)	-21.58%
	House Rent Recovery	15,061,948	13,971,688	1,090,260	7.80%
	Transport Charge	1,181,808	1,353,188	(171,380)	-12.66%
	Meter Rent / Service Charge	6,136,973	10,476,220	(4,339,247)	-41.42%
	Transformer Rent	2,288,593	1,408,180	880,413	62.52%
	Sale of Scrap Material	334,155	222,638,036	(222,303,881)	-99.85%
	Miscellaneous Income (Including PGCB Dividend TK 60,00,98,112)	869,752,917	879,852,347	(10,099,430)	-1.15%
	Income from Cargo Transfer	1,281,650	2,048,168	(766,519)	-37.42%
	Penalty for Unauthorized Connection	5,697,706	2,969,581	2,728,125	91.87%
	Rental Income	112,700,276	15,188,614	97,511,662	642.01%
	Meter Testing Fee	-	188,259	(188,259)	-100.00%
		2,113,370,816	**2,016,257,211**	**97,113,605**	**4.82%**

DISTRIBUTION EXPENSES

1p83	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Fuel Consumption	-	-		
	Personnel Expenses				
	Basic salary	371,260,320	370,309,833	950,487	0.26%
	Bonus	61,043,001	61,361,281	(318,280)	-0.52%
	Overtime	205,545,435	198,351,510	7,193,925	3.63%
	Other allowance	379,099,837	306,564,725	72,535,112	23.66%
	Wages for hired labour	73,290,704	73,205,955	84,749	0.12%
	Leave encashment	17,625,450	1,608,908	16,016,542	995.49%
	Board conrtibution to CPF	3,763,695	4,302,739	(539,044)	-12.53%
	Board conrtibution to GPF	415,742,084	2,207,238,870	(1,791,496,786)	-81.16%
	Printing and stationery	31,329,129	30,761,472	567,657	1.85%
	Taxes, license and fees	13,363,134	11,761,903	1,601,231	13.61%
	Telephone, telegram and faxes	10,562,581	11,629,698	(1,067,117)	-9.18%
	Audit fees	-	1,490	(1,490)	-100.00%
	Legal expenses	1,615,214	1,288,312	326,902	25.37%
	Custom Duties & Sale Tax	24,785,218	24,637,704	147,514	0.60%
	VAT	13,766,459	19,691,142	(5,924,683)	-30.09%
	Donation & Contributions	120,000	123,361	(3,361)	-2.72%
	Training & Education	129,500	74,890	54,610	72.92%
	Petrol, diesel and lubricants	68,927,366	57,407,889	11,519,477	20.07%
	Stores and spares used	322,675,440	425,794,839	(103,119,399)	-24.22%
	Insurance expenses	1,368,890	1,213,581	155,309	12.80%
	Consultants expenses	13,703,795	7,705,428	5,998,367	77.85%
	Office & Other Expenses	178,281,286	170,976,948	7,304,338	4.27%
	Repairs & Maintenance	294,861,847	245,986,513	48,875,334	19.87%
	Depreciation	2,246,892,046	2,122,913,797	123,978,249	5.84%
		4,749,752,429	**6,354,912,788**	**(1,605,160,359)**	**-25.26%**

CUSTOMER ACCOUNTS EXPENSES

1p83	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Fuel Consumption				
	Personnel Expenses				
	Basic salary	47,442,719	47,978,170	(535,451)	-1.12%
	Bonus	7,598,363	8,257,901	(659,538)	-7.99%
	Overtime	18,882,778	21,057,748	(2,174,970)	-10.33%
	Other allowance	43,446,854	34,953,860	8,492,994	24.30%
	Leave encashment	1,608,908	9,610,015	(8,001,107)	-83.26%
	Wages for hired labour	7,577,989	8,454,359	(876,370)	-10.37%
	Board conrtibution to CPF	455,510	459,317	(3,807)	-0.83%
	Board conrtibution to GPF	50,667,346	53,439,704	(2,772,358)	-5.19%
	Printing and stationery	3,337,709	2,953,692	384,017	13.00%
	Taxes, license and fees	19,198,542	2,912,741	16,285,801	559.12%
	Telephone, telegram and faxes	1,350,238	2,221,848	(871,610)	-39.23%
	Audit fees	3,485,926	12,265,575	(8,779,649)	-71.58%
	Legal expenses	823,545	730,941	92,604	12.67%
	Training & Education	25,000	40,620	(15,620)	-38.45%
	Petrol, diesel and lubricants	9,072,711	8,244,144	828,567	10.05%
	Stores and spares used	3,095,337	3,805,856	(710,519)	-18.67%
	Insurance expenses	165,873	293,270	(127,397)	-43.44%
	Contractors' fees	730,259	6,391,859	(5,661,600)	-88.58%
	Consultants expenses	-	1,218,795	(1,218,795)	-100.00%
	Office & Other Expenses	53,918,264	50,402,414	3,515,850	6.98%
	Repairs & Maintenance	39,971,667	54,085,023	(14,113,357)	-26.09%
	Bad debts	45,919,505	13,712	45,905,793	334785.54%
		358,775,042	**329,791,564**	**28,983,478**	**8.79%**

GENERAL AND ADMINISTRATIVE EXPENSE

1p83	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Personnel Expenses				
	Basic salary	204,782,300	194,212,379	10,569,921	5.44%
	Bonus	33,936,271	34,530,799	(594,528)	-1.72%
	Overtime	55,576,811	50,068,152	5,508,659	11.00%
	Other allowance	204,445,752	72,005,368	132,440,384	183.93%
	Wages for hired labour	37,423,415	39,417,790	(1,994,375)	-5.06%
	Leave encashment	9,504,913	100,341,049	(90,836,136)	-90.53%
	Board conrtibution to GPF	136,878,573	121,415,140	15,463,433	12.74%
	Printing and stationery	22,074,009	20,280,461	1,793,548	8.84%
	Taxes, license and fees	31,788,848	9,611,609	22,177,239	230.73%
	Telephone, telegram and faxes	7,854,840	10,101,039	(2,246,199)	-22.24%
	Audit fees	1,215,725	1,357,750	(142,025)	-10.46%
	Legal expenses	1,215,725	1,357,750	(142,025)	-10.46%
	Donation & Contributions	957,745	239,220	718,525	300.36%
	Training & Education	4,357,440	4,408,514	(51,074)	-1.16%
	Petrol, diesel and lubricants	28,349,854	25,139,160	3,210,694	12.77%
	Stores and spares used	4,653,367	3,703,900	949,467	25.63%
	Insurance expenses	1,829,368	3,568,057	(1,738,689)	-48.73%
	Contractors' fees	14,804,153	17,074,682	(2,270,529)	-13.30%
	Consultants expenses	1,167,664	2,648,809	(1,481,145)	-55.92%
	Office & Other Expenses	75,318,344	72,861,197	2,457,147	3.37%
	Repairs & Maintenance	92,389,788	51,453,691	40,936,097	79.56%
	Depreciation	93,260,566	89,655,382	3,605,184	4.02%
	provision for asset insurance fund	15,000,000	15,000,000	-	0.00%
		1,078,785,471	**940,451,898**	**138,333,573**	**14.71%**

FINANCING COST

1p81(b)	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
23p6(a)	Interest on Foreign Loan	777,232,048	810,155,520	(32,923,472)	-4.06%
23p6(a)	Interest on Government Loan	1,132,049,018	1,218,190,767	(86,141,749)	-7.07%
	Interest on GPF & CPF	177,646,766	194,553,842	(16,907,076)	-8.69%
		2,086,927,832	**2,222,900,129**	**(135,972,297)**	**-6.12%**

LOSS ON EXCHANGE FLUCTUATION

1p93	Particulars	30 June, 2009	30 June, 2008	Increase/ Decrease	Increase/ Decrease
		Taka	Taka	Taka	%
	Generation	(53,697,896)	661,073,500	(714,771,396)	-108.12%
	Distribution	354,889,710	307,590,907	47,298,803	15.38%
	Miscellaneous	33,319,108	48,101,782	(14,782,674)	-30.73%
		334,510,922	**1,016,766,189**	**(682,255,267)**	**-67.10%**

PROPERTY PLANT AND EQUIPMENT LESS DEPRECIATION

IAS Ref.		ASSETS			ACCUMULATED DEPRECIATION			Written Down Value
1p68(a), 16p7(a),(b) 16p73 16p73(d), 16p73(e)(i), 16p73(e)(vii)		Balance as on 30 June, 2008	Addition	Balance as on 30 June, 2009	Balance as on 30 June, 2008	Addidion	Balance as on 30 June, 2009	
		Taka	Taka	Taka	Taka	Taka	Taka	Taka
	GENERATION							
16p37(a)	Land	3,056,681,600	279,691	3,056,961,291	-	-	-	3,056,961,291
16p37(b)	Building	11,558,577,504	8,628,248	11,567,205,752	7,194,048,686	370,012,532	7,564,061,218	4,003,144,534
16p37(c)	Plant & Machnery	144,953,173,515	1,534,772,009	146,487,945,524	70,073,550,559	4,663,057,905	74,736,608,464	71,751,337,060
16p37(f)	Vehicle	407,601,270	-	407,601,270	407,601,270	-	407,601,270	-
16p37(g)	Furniture and Fixture	181,782,261	2,882,977	184,665,238	96,280,571	5,863,160	102,143,731	82,521,507
		160,157,816,150	**1,546,562,926**	**161,704,379,076**	**77,771,481,086**	**5,038,933,597**	**82,810,414,683**	**78,893,964,393**
	TRANSMISSION							
16p37(a)	Land	2,707,854,761	-	2,707,854,761	-	-	-	2,707,854,761
16p37(b)	Building	1,987,901,655	-	1,987,901,655	967,737,499	-	967,737,499	1,020,164,156
16p37(c)	Plant & Machnery	52,650,024,201	-	52,650,024,201	19,723,518,560	-	19,723,518,560	32,926,505,641
16p37(f)	Vehicle	69,548,764	-	69,548,764	44,171,730	-	44,171,730	25,377,033
16p37(g)	Furniture and Fixture	113,372,852	-	113,372,852	54,055,399	-	54,055,399	59,317,453
		57,528,702,233	**-**	**57,528,702,233**	**20,789,483,189**	**-**	**20,789,483,189**	**36,739,219,044**
	DISTRIBUTION							
16p37(a)	Land	8,676,059,215	980,061	8,677,039,276	-	-	-	8,677,039,276
16p37(b)	Building	5,008,423,887	62,480,677	5,070,904,564	3,033,019,718	161,269,255	3,194,288,973	1,876,615,592
16p37(c)	Plant & Machnery	64,331,303,404	1,128,025,232	65,459,328,637	28,583,156,518	2,076,650,113	30,659,806,631	34,799,522,006
16p37(f)	Vehicle	386,403,058	-	386,403,058	384,641,564	-	384,641,564	1,761,494
16p37(g)	Furniture and Fixture	270,604,678	19,583,041	290,187,719	102,378,514	8,972,678	111,351,192	178,836,526
		78,672,794,242	**1,211,069,012**	**79,883,863,254**	**32,103,196,314**	**2,246,892,046**	**34,350,088,360**	**45,533,774,894**
	GENERAL							
16p37(a)	Land	3,245,772,350	-	3,245,772,350	-	-	-	3,245,772,350
16p37(b)	Building	1,217,572,061	37,148,183	1,254,720,244	720,778,351	39,556,677	760,335,028	494,385,216
16p37(c)	Plant & Machnery	1,347,609,636	64,105,326	1,411,714,962	81,185,032	44,149,194	125,334,226	1,286,380,736
16p37(f)	Vehicle	308,171,720	-	308,171,720	308,171,720	-	308,171,720	-
16p37(h)	Equipments	100,341,700	-	100,341,700	73,319,305	3,210,934	76,530,239	23,811,461
16p37(g)	Furniture and Fixture	194,483,629	7,517,833	202,001,462	68,802,669	6,343,761	75,146,431	126,855,032
		6,413,951,097	**108,771,342**	**6,522,722,439**	**1,252,257,078**	**93,260,566**	**1,345,517,645**	**5,177,204,794**
	2008-2009	**302,773,263,722**	**2,866,403,280**	**305,639,667,002**	**131,916,417,668**	**7,379,086,209**	**139,295,503,877**	**166,344,163,125**
	2007-2008	**293,022,635,495**	**9,750,628,227**	**302,773,263,722**	**124,701,728,711**	**7,214,688,957**	**131,916,417,668**	**170,856,846,054**

GENARATION COST

Sl. No.	Generating Plant under Power Station.	Installed Capacity (MW)	Net Generation (KWH)	Fuel Cost Tk.	Fuel cost Per Unit	Variable Cost			Fixed Cost		
						Operating Expenses	Maintenance Expenses	Total	Personal Expenses	Admin. Expenses	Total
1	*2*	*3*	*4*	*5*	*6 = (5/4)*	*7*	*8*	*9 =(7+8)*	*10*	*11*	*12= (10+11)*
1	BAGHABARI POWER STATION	171	1,090,875,490	1,048,812,613	0.96	1,066,233,016	229,672,273	1,295,905,289	26,552,359	9,092,441	35,644,800
2	GHORASHAL POWER STATION	950	4,822,039,278	3,942,980,630	0.82	4,023,385,276	21,493,032	4,044,878,308	268,660,140	29,424,251	298,084,390
4	TONGI POWER STATION	80	435,778,057	414,220,173	0.95	417,341,459	11,917,535	429,258,994	24,583,147	2,247,831	26,830,978
5	SHIKALBAHA POWER STATION	60	20,234,877	12,249,835	0.61	17,839,425	9,367,520	27,206,945	55,977,734	7,061,893	63,039,627
6	SHAHJIBAZAR POWER STATION	164	553,427,297	609,065,532	1.10	610,522,070	60,621,020	671,143,090	40,377,622	2,961,511	43,339,133
7	KUTUBDIA DIESEL GENERATOR	1.5	214,063	2,473,263	11.55	3,162,548	192,606	3,355,154	1,116,958	227,082	1,344,040
8	SANDIP DIESEL GENERATOR	2.64	288,352	5,143,385	17.84	5,511,192	115,518	5,626,710	1,186,498	(59,086)	1,127,412
9	CHITTAGONG POWER STATION, RAWZAN	420	975,615,836	917,614,196	0.94	932,518,566	38,427,573	970,946,139	74,555,163	7,167,416	81,722,580
10	SAYEDPUR GAS TURBINE POWER STATION	20	32,059,420	633,898,207	19.77	634,641,593	5,428,551	640,070,144	12,564,294	4,229,449	16,793,743
11	RANGPUR GAS TURBINE POWER STATION	20	20,967,383	431,320,394	20.57	434,491,735	1,043,231	435,534,966	12,031,145	4,120,161	16,151,307
12	KHULNA POWER STATION	226	250,555,004	2,630,579,469	10.50	2,671,749,378	111,595,929	2,783,345,308	129,071,541	16,631,831	145,703,372
13	KARNAFULI HYDRO POWER STATION	230	413,792,421	-	-	5,862,873	3,971,936	9,834,809	123,227,410	11,270,523	134,497,934
14	HATIYA DIESEL GENERATOR	2.2	1,219,548	21,995,591	18.04	21,995,591	-	21,995,591	220,126	-	220,126
15	FENCHUGANJ 90 MW POWER STATION	90	598,603,155	395,058,706	0.66	397,363,161	34,290,669	431,653,830	24,383,897	2,918,712	27,302,609
16	BHOLA DIESEL POWER STATION	8.36	7,146,641	97,417,081	13.63	98,295,410	27,759,006	126,054,416	9,559,645	3,751,732	13,311,377
17	BHERAMARA POWER STATION	60	109,699,753	2,311,562,907	21.07	2,321,547,732	63,100,621	2,384,648,353	43,056,378	7,915,489	50,971,867
18	BARISHAL GAS TURBINE POWER STATION	40	83,473,311	1,773,975,380	21.25	1,778,480,754	22,886,143	1,801,366,897	21,033,752	4,167,262	25,201,013
19	BARISHAL DIESEL POWER STATION	14.68	1,579,544	43,984,402	27.85	45,479,176	1,316,325	46,795,501	8,813,605	542,761	9,356,366
22	HARIPUR POWER STATION (100 MW)	100	173,066,300	213,842,265	1.24	219,777,376	31,123,163	250,900,539	27,337,532	3,813,321	31,150,853
23	THAKURGOAN DIESEL GENERATOR	6	412,727	6,475,803	15.69	6,523,353	89,558	6,612,911	5,293,530	1,173,051	6,466,581
24	KUMERGOAN DIESEL GENERATOR	20	77,903,400	88,930,561	1.14	92,667,874	2,693,536	95,361,410	9,437,056	2,901,977	12,339,033
25	BARAPUKURIA POWER STATION	300	1,044,949,698	2,630,575,527	2.52	2,760,418,604	4,727,626	2,765,146,230	60,763,492	53,680,134	114,443,626
	TOTAL	2,986	10,713,901,555	18,232,175,921	209	18,565,808,161	681,833,372	19,247,641,533	979,803,024	175,239,742	1,155,042,766

Khulna 40 MW Rental Power Plant

GENARATION COST

Sl. No.	Generating Plant under Power Station.	Installed Capacity (MW)	Allocated Fixed Cost					Total Fixed Cost	Total Generation Cost	Generation Cost Per Unit	Remarks
			Depreciation	Financing Charges	Exchange Rate Fluctuation	General Admin Overhead	Total Allocated Fixed Cost				
1	*2*	*3*	*13*	*14*	*15*	*16*	*17=(13 16)*	*18=(12+17)*	*19=(9+19)*	*20 = (19/4)*	21
1	BAGHABARI POWER STATION	171	287,230,704	41,305,496	(39,903,547)	86,650,600	375,283,253	410,928,054	1,706,833,343	1.56	
2	GHORASHAL POWER STATION	950	1,595,726,135	48,503,535	-	383,025,011	2,027,254,681	2,325,339,071	6,370,217,379	1.32	
4	TONGI POWER STATION	80	134,376,938	45,007,769	-	34,614,794	213,999,500	240,830,478	670,089,473	1.54	
5	SHIKALBAHA POWER STATION	60	100,782,703	14,807,684	39,557,085	1,607,300	156,754,772	219,794,400	247,001,344	12.21	
6	SHAHJIBAZAR POWER STATION	164	275,472,722	53,936,647	(75,700,004)	43,959,927	297,669,293	341,008,426	1,012,151,515	1.83	
7	KUTUBDIA DIESEL GENERATOR	1.5	2,519,568	-	-	17,003	2,536,571	3,880,611	7,235,764	33.80	
8	SANDIP DIESEL GENERATOR	2.64	4,434,439	-	-	22,904	4,457,343	5,584,755	11,211,466	38.88	
9	CHITTAGONG POWER STATION, RAWZAN	420	705,478,923	53,849,945	1,127,254	77,495,276	837,951,399	919,673,978	1,890,620,117	1.94	
10	SAYEDPUR GAS TURBINE POWER STATION	20	33,594,234	-	-	2,546,549	36,140,783	52,934,526	693,004,670	21.62	
11	RANGPUR GAS TURBINE POWER STATION	20	33,594,234	997,955	(1,785,643)	1,665,485	34,472,032	50,623,338	486,158,304	23.19	
12	KHULNA POWER STATION	226	379,614,849	20,434,997	(17,724,618)	19,902,126	402,227,354	547,930,726	3,331,276,034	13.30	
13	KARNAFULI HYDRO POWER STATION	230	386,333,696	11,725,021	9,252,504	32,868,427	440,179,648	574,677,582	584,512,390	1.41	
14	HATIYA DIESEL GENERATOR	2.2	3,695,366	-	-	96,871	3,792,237	4,012,363	26,007,954	21.33	
15	FENCHUGANJ 90 MW POWER STATION	90	151,174,055	2,704,274	59,719,260	47,548,343	261,145,932	288,448,541	720,102,372	1.20	
16	BHOLA DIESEL POWER STATION	8.36	14,042,390	61,993	-	567,673	14,672,057	27,983,433	154,037,849	21.55	
17	BHERAMARA POWER STATION	60	100,782,703	-	-	8,713,689	109,496,392	160,468,259	2,545,116,612	23.20	
18	BARISHAL GAS TURBINE POWER STATION	40	67,188,469	6,341,284	(6,287,135)	6,630,466	73,873,084	99,074,098	1,900,440,995	22.77	
19	BARISHAL DIESEL POWER STATION	14.68	47,334,276	-	(18,799,310)	125,467	28,660,433	38,016,799	84,812,300	53.69	
22	HARIPUR POWER STATION (100 MW)	100	167,971,172	29,092,846	71,178,948	13,747,031	281,989,997	313,140,849	564,041,388	3.26	
23	THAKURGOAN DIESEL GENERATOR	6	10,078,270	-	-	32,784	10,111,054	16,577,635	23,190,546	56.19	
24	KUMERGOAN DIESEL GENERATOR	20	33,594,234	12,115,051	12,155,320	6,188,036	64,052,641	76,391,674	171,753,084	2.20	
25	BARAPUKURIA POWER STATION	300	503,913,516	439,882,155	19,041,579	83,002,615	1,045,839,865	1,160,283,492	3,925,429,721	3.76	
	TOTAL	2,986	5,038,933,597	780,766,654	51,831,694	851,028,377	6,722,560,322	7,877,603,088	27,125,244,621	2.53	

BPDB Team handing over the Runner-up Trophy earned in Dhaka premier division Volley-ball league to the chairman

BUDGET COMPARISON STATEMENT FOR 2008-2009

Particulars	Budget FY 2008-2009	Actual FY 2008-2009	Performance Over Budget	Favorable/ Adverse
OPERATING REVENUE				
Electricity Sales	63,421,100,000	61,519,289,231	97.00%	A
Other Operating Income	1,202,100,000	2,113,370,816	175.81%	F
Total Operating Revenue	**64,623,200,000**	**63,632,660,046**	98.47%	A
OPERATING EXPENSES				
Fuel Cost	21,366,900,000	18,232,707,131	85.33%	F
Depreciation	7,070,700,000	7,379,086,209	104.36%	A
Repair & Maintenance	2,793,500,000	1,955,711,299	70.01%	F
Electricity Purchase From IPP	25,379,500,000	23,849,306,520	93.97%	F
Electricity Purchase From Rental	7,953,700,000	6,978,799,252	87.74%	F
Electricity Purchase From General Plant	5,749,900,000	5,990,340,782	104.18%	A
Wheeling Charges to PGCB	1,260,900,000	1,312,524,685	104.09%	A
Other Operating Expenses	1,629,500,000	1,133,062,604	69.53%	F
Sales & Distribution Expenses- Including Pension	2,751,200,000	2,255,984,000	82.00%	F
Administration Expenses	846,000,000	1,063,785,471	125.74%	A
Total Operating Expenses	**76,801,800,000**	**70,151,307,953**	**91.34%**	F
Operating Income / (Loss)	**(12,178,600,000)**	**(6,518,647,907)**	**53.53%**	F
NON OPERATING EXPENSES				
Assets Insurance Fund	15,000,000	15,000,000	100.00%	
Interest on Loans	2,645,700,000	2,086,927,832	78.88%	F
Loss from Exchange Rate Fluctuation	667,600,000	(334,510,922)	-50.11%	F
Total Non Operating Expenses	**3,328,300,000**	**1,767,416,910**	**53.10%**	F
Net Income / (Loss)	**(15,506,900,000)**	**(8,286,064,817)**	**53.43%**	F

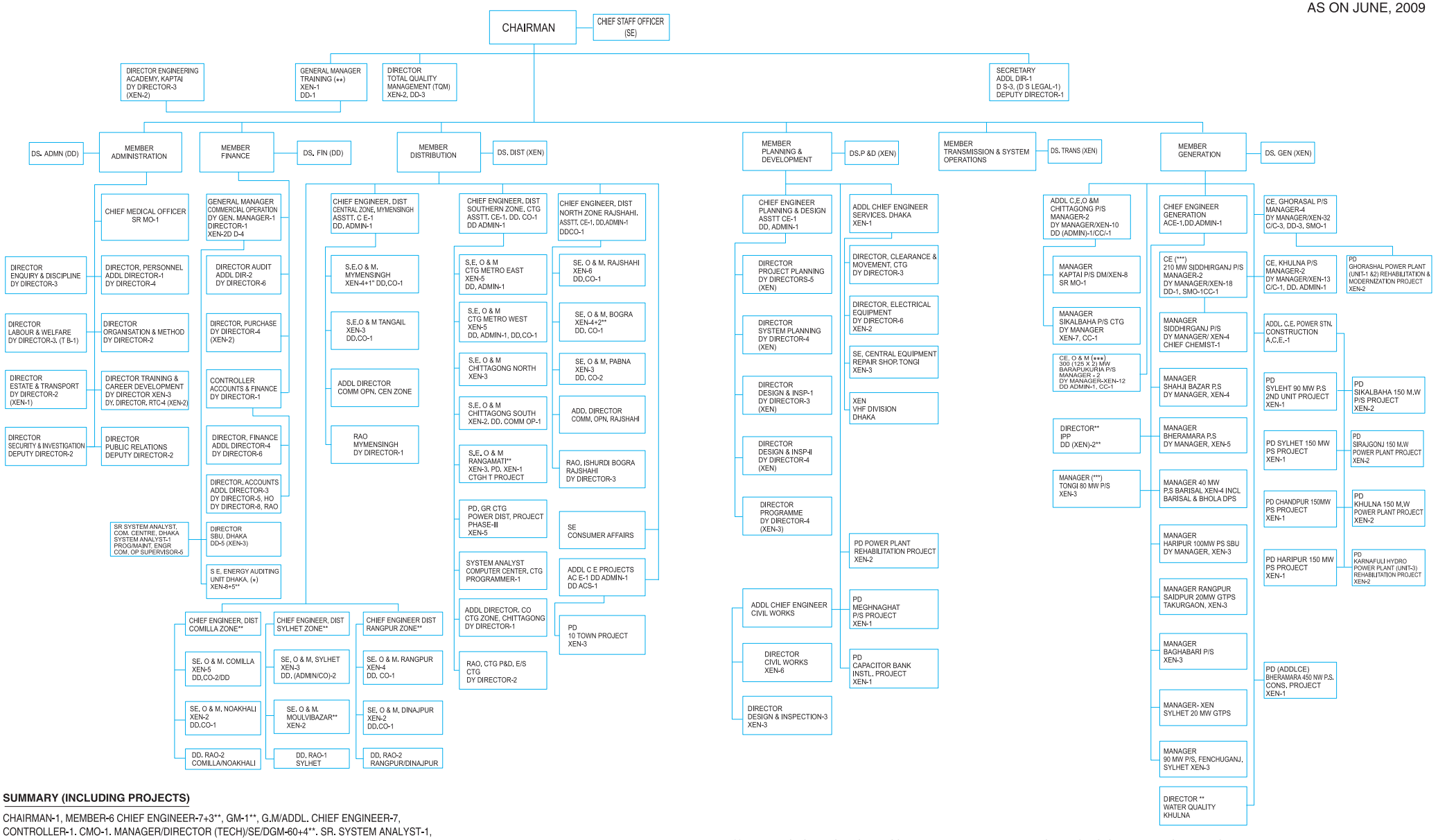
INCOME STATEMENT AND BALANCE SHEET RATIOS

Particulars	2008-2009	2007-2008
INCOME STATEMENT RATIOS		
1. Rate of Return (Operating Income / Operating Avg. Fixed Assets)	-3.87%	-3.87%
2. Operating Income Ratio (Operating Income / Total Operating Revenue)	-10.24%	-11.74%
3. Ratio of Operating Expenses to Total Operating Revenue	110.24%	111.74%
4. Ratio of Fuel Expenses over total Operating Expenses	25.99%	27.12%
5. Ratio of Depreciation over Total Operating Expenses	10.52%	11.54%
6. Ratio of Depreciation and Fuel expenses to operating expenses	36.51%	38.66%
7. Ratio of operating cash expenses over cash collection	98.64%	103.99%
BALANCE SHEET RATIOS		
8. Current Ratios (Current Assets / Current Liabilities)	.92:1	.90:1
9. Quick Ratio (Quick Assets / Current Liabilities)	.83:1	.82:1
10. Debt/Equity Ratio	.31:.69	.39:.61

ORGANISATION CHART OF BANGLADESH POWER DEVELOPMENT BOARD

(SHOWING POSITION DOWN TO XEN / DD AND EQUIVALENT)

AS ON JUNE, 2009



SUMMARY (INCLUDING PROJECTS)

CHAIRMAN-1, MEMBER-6 CHIEF ENGINEER-7+3**, GM-1**, G.M/ADDL. CHIEF ENGINEER-7, CONTROLLER-1. CMO-1. MANAGER/DIRECTOR (TECH)/SE/DGM-60+4**. SR. SYSTEM ANALYST-1, SECRETARY/DIRECTOR (NON TECH)-13+1**, ADDL. DIRECTOR-14, XEN/DD/DS/DM-245+19**, DD (NON TECH)-116+1**,SYSTEM ANALYST-2 PRO/M.E.COMPUTER OPERATION SUPERVISOR-6, CC-7, SMO-3.

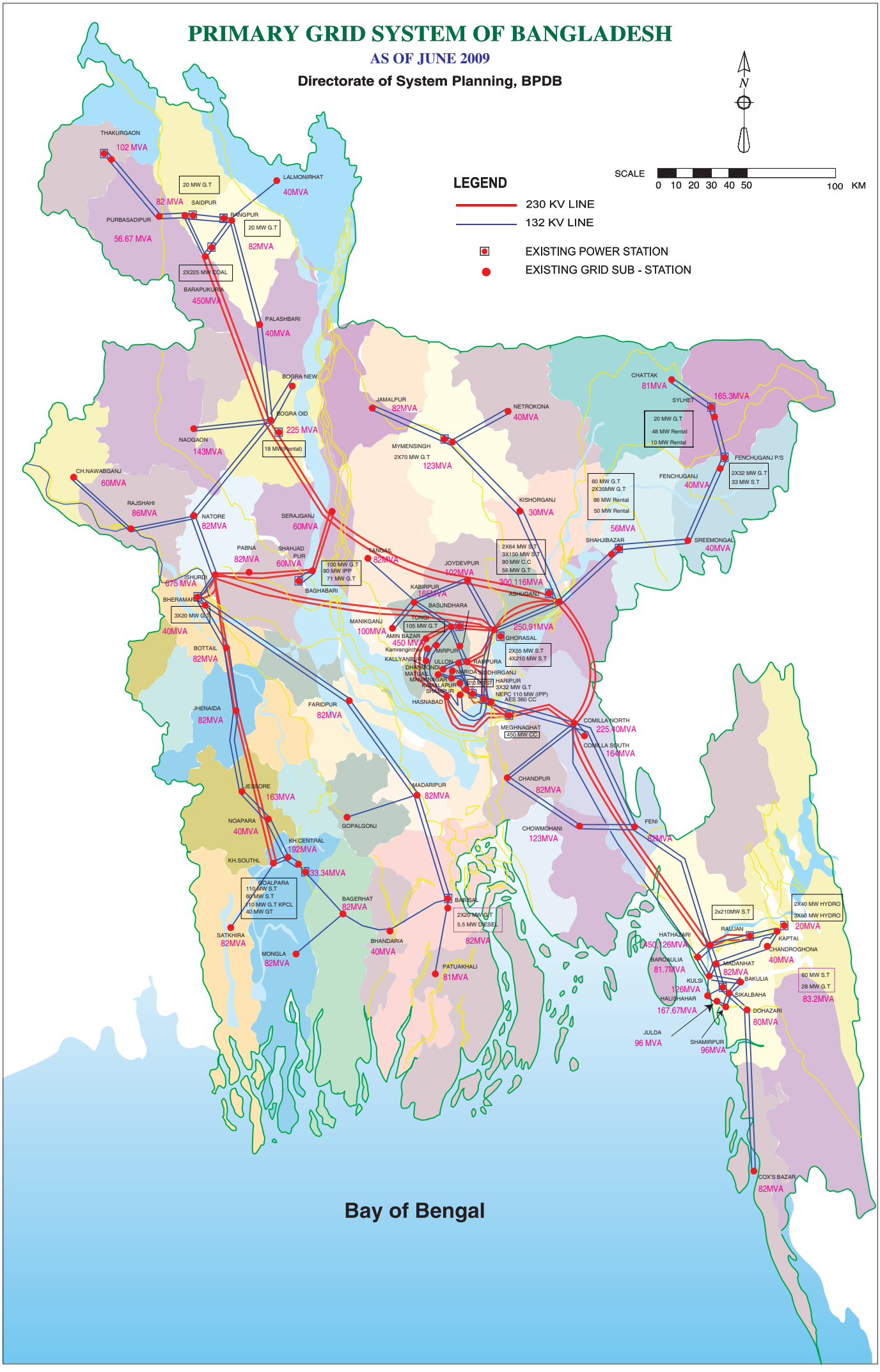
TOTAL SANCTIONED STRENGTH - 20,430

(*) THERE IS NO APPROVAL OF THE GOVERNMENT AFTER 30 JUNE. 1991 FOR THE OFFICES UNDER ENERGY AUDITING UNIT

(**) THERE IS NO APPROVAL AS YET FROM THE GOVERNMENT

(***) SET-UP ISSUED FROM APPROVED PP PROVISION AS PER REQUIREMENT

THE MANPOWER OF ABOVE STARS (*, **, ***) ARE NOT INCLUDED IN THE SET-UP STRENGTH.


PRIMARY GRID SYSTEM OF BANGLADESH
AS OF JUNE 2009
Directorate of System Planning, BPDB
N
SCALE
0 10 20 30 40 50 100 KM
LEGEND
230 KV LINE
132 KV LINE
EXISTING POWER STATION
EXISTING GRID SUB - STATION
THAKURGAON
102 MVA
20 MW G.T
82 MVA
SAIDPUR
LALMONIRHAT
40MVA
PURBASADIPUR
56.67 MVA
BANGPUR
20 MW G.T
82MVA
2X225 MW COAL
BARAPUKURIA
450MVA
PALASHBARI
40MVA
BOGRA NEW
BOGRA OID
225 MVA
NAOGAON
143MVA
18 MW(Rental)
CH.NAWABGANJ
60MVA
RAJSHAHI
86MVA
NATORE
82MVA
SERAJGANJ
60MVA
PABNA
82MVA
SHAHJAD PUR
60MVA
ISHURDI
675 MVA
BHERAMARA
3X20 MW G.T
40MVA
BOTTAIL
82MVA
JHENAIDA
82MVA
JESSORE
163MVA
NOAPARA
40MVA
KH.CENTRAL
192MVA
KH.SOUTHL
33.34MVA
GOALPARA
110 MW S.T
60 MW S.T
110 MW G.T KPCL
40 MW GT
SATKHIRA
82MVA
MONGLA
82MVA
BAGERHAT
82MVA
BHANDARIA
40MVA
GOPALGONJ
FARIDPUR
82MVA
JAMALPUR
82MVA
MYMENSINGH
2X70 MW G.T
123MVA
NETROKONA
40MVA
KISHORGANJ
30MVA
100 MW G.T
90 MW IPP
71 MW G.T
BAGHABARI
TANGAIL
82MVA
KABIRPUR
165MVA
JOYDEVPUR
102MVA
2X64 MW S.T
3X150 MW S.T
90 MW C.C
56 MW G.T
300,116MVA
ASHUGANJ
BASUNDHARA
TONGI
105 MW G.T
MANIKGANJ
100MVA
AMIN BAZAR
450 MVA
Kamrangirchar
GHORASAL
250,91MVA
2X55 MW S.T
4X210 MW S.T
MIRPUR
KALLYANPUR
ULLON
RAMPURA
DHANMONDI
MATUAIL
MANIKNAGAR
KAMALAPUR
SHAHJIBAZAR
56MVA
CHATTAK
81MVA
165.3MVA
SYLHET
20 MW G.T
48 MW Rental
10 MW Rental
FENCHUGANJ P/S
2X32 MW G.T
33 MW S.T
FENCHUGANJ
40MVA
60 MW G.T
2X35MW G.T
86 MW Rental
50 MW Rental
SREEMONGAL
40MVA
AMRIDA SIDDHIRGANJ
210 MW S.T
HARIPUR
3X32 MW G.T
NEPC 110 MW (IPP)
AES 360 CC
SHAHJIBAZAR
HASNABAD
MEGHNAGHAT
450 MW CC
COMILLA NORTH
225.40MVA
COMILLA SOUTH
164MVA
CHANDPUR
82MVA
MADARIPUR
82MVA
CHOWMOHANI
123MVA
FENI
82MVA
BARISAL
2X20 MW GT
5.5 MW DIESEL
82MVA
PATUAKHALI
81MVA
2x210MW S.T
RAOJAN
HATHAZARI
450,126MVA
BARAULIA
81.7MVA
KULSI
126MVA
HALISHAHAR
167.67MVA
JULDA
96 MVA
SHAMIRPUR
96MVA
2X40 MW HYDRO
3X50 MW HYDRO
20MVA
KAPTAI
CHANDROGHONA
40MVA
MADANHAT
82MVA
BAKULIA
SIKALBAHA
DOHAZARI
80MVA
60 MW S.T
28 MW G.T
83.2MVA
COX'S BAZAR
82MVA
Bay of Bengal