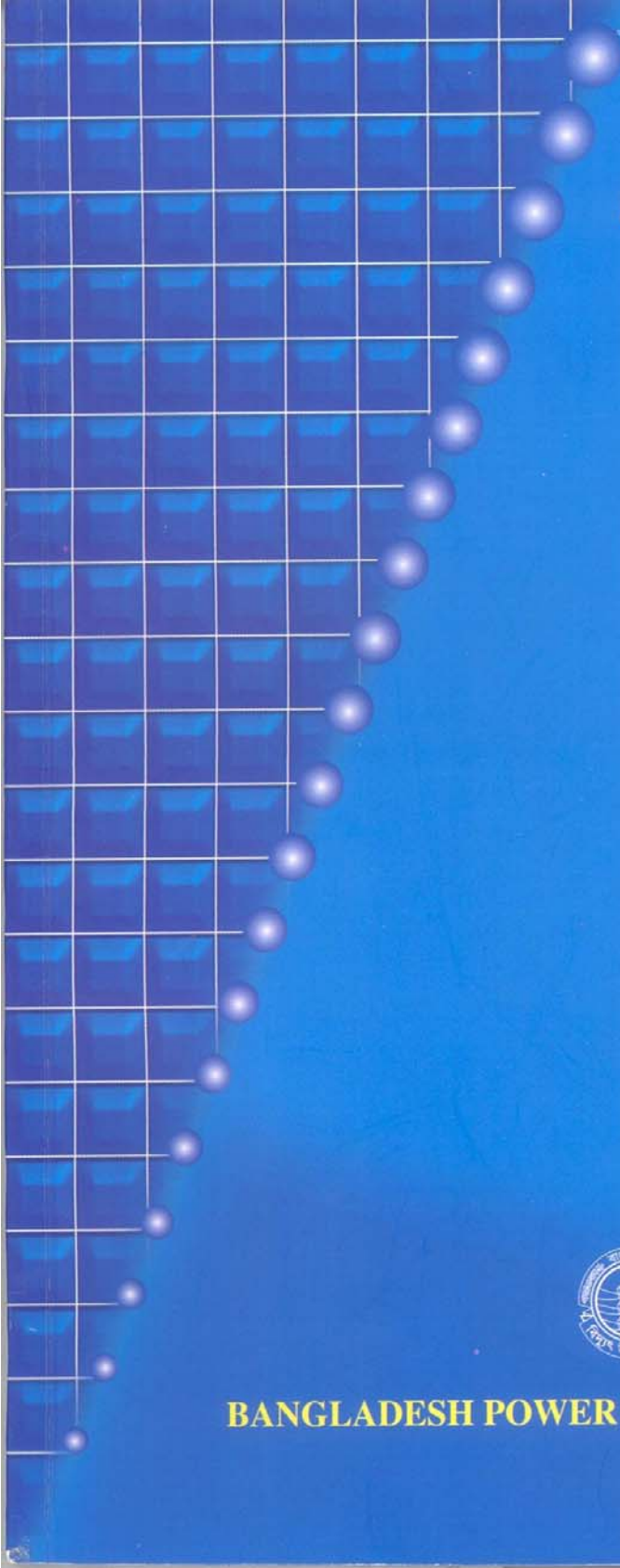




Annual Report

2007-2008



BANGLADESH POWER DEVELOPMENT BOARD

Annual Report 2007-2008



BANGLADESH POWER DEVELOPMENT BOARD



BANGLADESH POWER DEVELOPMENT BOARD

VISION STATEMENT

BPDB'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 and 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 and 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.



From the desk of Chairman

This is my pleasure to bring out the Annual Report of Bangladesh Power Development Board (BPDB) for the fiscal year 2007-2008. In this report detailed information regarding generation, transmission, distribution and planning & development activities of BPDB have been furnished.

During the FY 2007-08 progress have been made in various areas including generation and distribution. The net energy generation during the year including IPP was 24322.15 GWh which marked an increase of 6.71% over the previous year. At the sametime maximum generation of 4130 MW was achieved which was 3717.8 MW in the previous year. Two Rental Power Plants with the capacity of 58 MW were synchronised at 33 kV during FY 2008.

Revenue collections have been increased and system loss has been reduced as compared to the previous years. BPDB's system loss during 2007-2008 was reduced to 6.92% of net generation from 7.03% of previous year. The loss in BPDB's own distribution was also reduced to 14.43% in FY 2008 from 16.58% in FY 2007. The revenue collection during the said period was Tk. 54402.68 million which was 2.93% higher than that of previous year.

BPDB has continued to pursue its reform programme during the period under report including expansion of Computerized Billing, Renewable Energy Development and Energy Efficiency Measures, need based training etc.

I hope the Annual Report of BPDB would provide useful information to those who need it.

A.S.M. Alamgir Kabir

Chairman

Bangladesh Power Development Board



Secretary, Power Division Dr. M. Fouzul Kabir Khan addressing the high officials of power sector utilities at a review meeting at WAPDA Building.



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230 kV, 132 kV & 33kV System in
Bangladesh (Map)



KEY STATISTICS

Sl. No.	Particulars	Year 2006-07	Year 2007-08	% change over previous year
1	Installed Capacity in MW (As of June)	5,202.00	5,202.00	0.00
	BPDB	3,872.00	3,814.00	-1.50
	IPP	1,330.00	1,330.00	0.00
	Rental Power Plant		58.00	----
2	Max.Capability Available in MW	3,717.80	4,130.00	11.09
	BPDB	2,539.80	2,826.00	11.27
	IPP	1,178.00	1,304.00	10.70
	Rental Power Plant		-----	----
3	Thermal gross generation in GWh (BPDB)	14,925.64	15,201.60	1.85
4	All gross generation in GWh (BPDB)	15,494.70	16,155.06	4.26
5	Station service and own use in GWh (BPDB)	956.15	981.61	2.66
6	Net generation in GWh (BPDB)	14,538.55	15,173.45	4.37
7	Net Power Purchase from IPP GWh	8,244.54	9,093.56	10.30
	Net Power Purchase from Rental GWh		44.15	----
8	Net Generation (BPDB+IPP+Rental) GWh	22,783.09	24,311.15	6.71
9	Energy billed/sold in GWh	21,181.10	22,622.03	6.80
10	Energy losses in GWh	1,601.99	1,689.12	5.44
11	System Loss in % of net generation	7.03	6.92	-0.11
12	Distribution loss (Excluding All Utilities) in %	16.58	14.43	-2.15
13	Maximum demand served in MW	3,717.80	4,130.00	11.09
14	Annual Plant Factor' in % on the basis of Present (derated) capacity (BPDB Plants)	53.36	55.64	2.28
15	System load factor in %	72.89	69.91	-2.98
16	Cost of fuel in Million Taka	16,759.43	16,953.42	1.16
17	Cost of fuel/kWh thermal gross generation in Taka	1.12	1.12	-0.68
18	Cost of fuel/kWh all gross generation in Taka	1.08	1.05	-2.98
19	Total cost/kWh sold in Taka (BPDB Plants only)	2.77	2.91	5.05
20	No. of consumers.	1,648,411	1,783,295	8.18
21	Amount billed for sales of energy in Million Taka	48,189.10	53,485.64	10.99
22	Average billing rate Taka/kwh .	2.26	2.36	4.42
23	Gross collection in Million Taka	53,134.17	54,402.68	2.39
24	Total population in Million	141.23	143.00	1.25
25	Per capita generation in kWh	168.08	176.87	5.23

Note:

GWh = Gigawatthour

1 GWh = 10⁶ kWh

2007-2008 or FY 2008 is the fiscal year starting from July 2007 and ending in June 2008.



HIGHLIGHTS

In FY 2008, the maximum generation reached at 4,130 MW compared to that of 3,717.80 MW in the previous year. 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 32.57 % of maximum demand. In this year load shedding was imposed on 358 days. In the previous year, duration of load shedding was over a period of 364 days. This year 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 the year the total duration of Grid failure was for 82 hours and five minutes, which was 92.89 % higher than that of the previous year. The maximum demand served in this year was 4,130 MW against the forecast demand of 5,569 MW as per updated Power System Master Plan (PSMP-2006). The net energy generated during the financial year including IPP was about 24,311.15 GWh (Excluding energy purchased by REB from IPP), which depicts an increase of 6.71 % over that of FY 2007.

In the East zone, electricity generation was mainly 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 the 230 kV East-West Interconnector (EWI). The energy transferred through EWI at the Ghorasal end in FY2008 was 2462.08 GWh, which is an increase of 26.14 % 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. 3.50/kWh respectively. Hydro net generation during FY 2008 was 949.62 GWh, which was 67.69 % higher than that in the previous year.

System loss in BPDB system for the FY 2008 was 6.92 % of net energy generation, which was 7.03% in the previous year. 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 also reduced to 14.43 % in FY 2008 from 16.58 % in FY 2007.

The operating profit/(Loss) (before interest) was (6566.59) Million Taka. The average cost per kWh sold was Tk. 2.91 compared to average tariff of Tk. 2.36 per kWh during the year. The rate of return on revalued fixed assets is (3.24%) during the year under review as compared to (4.84%) in FY2007.



Contract Signing Ceremony for construction of Rental Power Plants
at different areas in the country.

Chapter 1



BANGLADESH POWER DEVELOPMENT BOARD



THE BOARD (2007-2008)

Bangladesh Power Development Board (BPDB) was created in may 1, 1972 by The 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 viz. Dhaka Electric Supply Authority (DESA).

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 (2007-2008) Bangladesh Power Development Board consisted of the following Chairman and Member :

Chairman

Mr. Md. Khizir Khan (up to November 13, 2007)
Mr. Md. Showkat Ali (From November 13, 2007)

Member (Administration)

Mr. S.M. Shamsheer Zakaria

Member (Finance)

Mr. Md. Shafiqul Azam (Up to January 15, 2008)
Mr. S.M. Shamsheer Zakaria (From January 15, 2008 to March 2, '08)
Mr. M. Murtozaa Reza (From March 2, 2008)

Member (Generation)

Mr. Md. Khizir Khan (Up to November 13, 2007)
Mr. Md. Showkat Ali (From November 14, 2007 to Nov. 17, 2007)
Mr. A.M.M. Murtaza Ali (From November 18, 2007)

Member (Distribution)

Mr. A.H.M Aminul Islam (Up to October 31, 2007)
Mr. A.S.M Alamgir Kabir (From November 5, 2007)

Member (Planning & Development)

Mr. Md. Showkat Ali (Up to November 18, 2007))
Mr. D. K. Podder (From November 19, 2007 to February 4, 2008)
Mr. A.S.M Alamgir Kabir (From February 5, 2008 to Feb.26, 2008)
Mr. T.K. Chakma (From February 27, 2008 to March 30, 2008)
Mr. A.S.M Alamgir Kabir (From March 31, 2008 to April 19, 2008)
Mr. Md. Abdul Khaleque (From April 20, 2008 to June 29, 2008)
Mr. A.M.M. Murtaza Ali (From June 30, 2008)

Member (Transmission & System Operation)

Mr. Md. Khizir Khan (Up to November 13, 2007)
Mr. Md. Showkat Ali (From November 14, 2007 to Nov. 17, 2007)
Mr. A.M.M. Murtaza Ali (From November 18, 2007)



Present Board June 1, 2009



A.S.M. Alamgir Kabir
Chairman



S.M. Mesbahul Islam
Member (Administration)



Md. Fazlul Hoque
Member (Finance)



Tapan Kumar Chowdhury
Member (Generation)



Md. Mostafa Kamal
Member (Distribution)

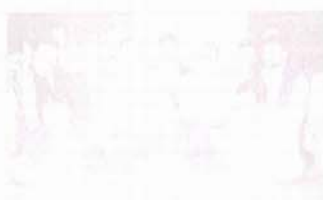


Md. Delwar Hossain
Member (Planning & Development)





Chapter 2



OPERATION



POWER DEMAND

The forecast maximum demand for FY 2008 was 5,569 MW as per Update Power System Master plan (PSMP 2006). The maximum demand served during this year was 4,130 MW, which was 11.09 % 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.

BPDB installed a total of 6,320 numbers double tariff programmable meters during the FY2008. Out of these, 6,268 numbers were installed for LTI (Low Tension Industrial) consumers and 52 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 continuing and it is expected that all the 2(Two) Elements HT metering will be replaced by 3 (Three) Elements HT metering unit within FY 2009. The load factor in FY 2008 was 69.91 % compared to 72.89% in FY 2007. The higher load factor was attributed with better load management.

INSTALLED CAPACITY

Although the total installed capacity was 5202 MW including 1330 MW in IPP and 58 MW in Rental Power Plant. The maximum available generation was only 4130 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

Hydro	:	230	MW	(4.42%)
Steam Turbine	:	2638	MW	(50.72%)
Gas Turbine	:	897	MW	(17.24 %)
Combined Cycle	:	1206	MW	(23.18%)
Diesel	:	231	MW	(4.44 %)
TOTAL	:	5,202	MW	(100.00 %)

By type of fuel

Gas	:	4251	MW	(81.72%)
Furnace Oil	:	280	MW	(5.38%)
Diesel	:	191	MW	(3.67%)
Hydro	:	230	MW	(4.42 %)
Coal	:	250	MW	(4.81%)
TOTAL	:	5,202	MW	(100.00%)



GENERATION

The peak generation during FY 2008 was about 4130 MW, which was about 11.09% higher than previous year's peak generation of 3,717.8 MW. During this year 15,173.45 GWh of net energy was generated in the public sector power plants under BPDB. In addition to the above about 9,137.70 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 24,311.15 GWh (Excluding Power purchase by REB from IPP), which was 6.71 % higher than the previous year's net generation of 22,783.09 GWh.

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

Hydro	:	949.62	GWh	(3.91%)
Natural Gas	:	20968.23	GWh	86.25%)
Furnace Oil	:	1090.86	GWh	(4.49%)
Diesel	:	264.32	GWh	(1.08%)
Coal	:	1038.12	GWh	(4.27%)
Total	:	24311.15	GWh	(100%)

OVERALL EFFICIENCY

The overall thermal efficiency (Net) of the generators in the public sector in FY 2008 was 31.81 % compared to 32.34 % in the previous year.

The following table shows the generators, which were under maintenance in FY 2008. Some minor maintenance has not been shown in the table.

MAINTENANCE OF GENERATORS IN FY 2008

GENERATORS	DURATION OF MAINTENANCE		REMARKS
	DATE STARTED	DATE COMPLETED	
Ashugonj (ST)	20-10-2007	-	Maintenance
Ashugonj (Unit-5)	20-07-2007	18-01-2008	Maintenance
Haripur GT (Unit-1)	25-05-2005	21-01-2008	Overhauling
Haripur GT (Unit-3)	25-05-2005	05-06-2008	Overhauling
Khulna 60MW	05-07-2006	-	Overhauling
SteamShazibazar (Unit-8)	29-07-2006	15-02-2008	Maintenance
Bagabari 71 MW	17-11-2005	21-01-2008	Overhauling



PLANT WISE GENERATION (FY 2008)

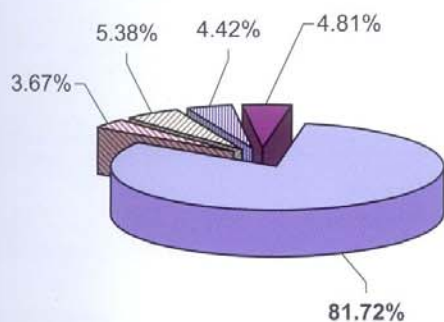
Sl. No.	Name of power plant	Type of fuel	Installed Capacity (As of June) (MW)	Derated Capacity (As of June) (MW)	Gross Energy Generation (GWh)	Annual Plant factor (%)	Efficiency (%) (Net)	Overall Thermal Efficiency (%) (Net)
1	Karnafuli Hydro(2x40 MW+3x50 MW)	Hydro	230	230	953.46	47.32		
2	Chittagong Thermal Power Plan Unit #1	Gas	210	180	689.20	43.71	27.54	
	Chittagong Thermal Power Plan Unit #2	Gas	210	180	770.40	48.86	28.06	
3	Sikalbaha 60 MW Steam Turbine	Gas	60	40	173.76	49.59	25.88	
	Sikalbaha 2x28 MW Barge Mounted GT	Gas	28	10	3.59	4.09	18.23	
	Ashuganj 2x64 MW Steam Turbine	Gas	128	128	794.63	70.87	30.03	
	Ashuganj 3x150 MW Steam Turbine	Gas	450	440	2,324.30	60.30	31.98	
4	Ashuganj GT 1	Gas	56	30	216.73	82.47	20.20	
	Ashuganj ST	Gas	34	18	36.24	22.98	23.39	
	Ashuganj GT 2 *	Gas	56	30	213.84	81.37	23.39	
	Ghorasal 2x55 MW Steam Turbine (1+2nd Unit)	Gas	110	85	336.73	45.22	23.89	
	Ghorasal 2x210 MW Steam Turbine(3+4th Unit)	Gas	420	370	2,124.13	65.54	33.04	
	Ghorasal 2X210 MW S/T (5+6th Unit)	Gas	420	380	1,956.72	58.78	32.93	
6	Siddhirganj 210 MW Steam Turbine	Gas	210	190	1,018.54	61.20	33.41	
7	Haripur 3x33 MW Gas Turbine	Gas	99	96	274.81	32.68	21.79	
	Tongi 100 MW Gas Turbine	Gas	105	80	378.03	53.94	26.83	
8	Shahjibazar Gas Turbine(7 units)	Gas	60	38	228.11	68.53	16.44	
	Shahjibazar 60 MW Gas Turbine	Gas	70	60	208.24	39.62	28.80	
9	Sylhet 1x20 MW Gas Turbine	Gas	20	20	105.44	60.18	24.70	
10	Fenchuganj C.C.	Gas	96	88	588.18	76.30	40.20	
	Khulna 1x110 MW Steam Turbine	F.oil	110	60	420.94	80.09	25.04	
	Khulna 1x60 MW Steam Turbine	F.oil	60	35	-	0.00	-	
	Khulna 2x28 MW BMPP	SKO	***	***	13.15	15.01	21.20	
12	Barisal 2x20 MW Gas Turbine	HSD	40	35	84.58	27.59	20.43	
	Barisal Diesel(9 units)	HSD	3	2.5	2.67	12.19	18.16	
13	Bhola Diesel	HSD	1.5	1.5	4.16	31.63	26.58	
	FO				2.33			
	Bhola Old	HSD	1.5	1.0	0.07	0.75	18.89	
	Bhola New	HSD	2	2.0	1.45	8.30	35.37	
14	Bheramara 3x20 MW Gas Turbine	HSD	60	54	107.86	22.80	24.37	
15	Baghabari 71 MW Gas Turbine	Gas	71	71	237.70	38.22	27.83	
	Baghabari 100 MW Gas Turbine	Gas	100	100	659.11	75.24	28.72	
16	Rangpur 20 MW Gas Turbine	HSD	20	18	22.36	14.18	21.02	
17	Saidpur 20 MW Gas Turbine	HSD	20	18	27.43	17.39	22.60	
18	Barapukuria 2x125 MW ST (COAL)	COAL	250	220	1,172.37	60.83	32.26	
19	Thakurgaon 3x1.5 MW Diesel	LDO	3	3	1.29	4.91	24.48	
	Total(Grid)		3814	3314	16152.53	55.6396		
20	Isolated East	HSD			2.23			
	Isolated West	HSD			-			
	TOTAL BPDB		3814	3314	16154.76	55.64		
1	KPCL (Khulna,BMPP)	FO	110	110	689.87			
2	WEST MONT(Baghabari,BMPP)	Gas	90	70	511.82			
3	NEPC(Haripur, BMPP)	Gas	110	110	646.15			
4	RPC(Mymensingh)	Gas	210	210	1,291.31			
5	AES, Haripur	Gas	360	360	2,753.31			
6	AES, Meghnaghat	Gas	450	450	3,201.09			
	TOTA IPP		1330	1310	9093.56			
	RENTAL(Synchronised at 33 KV)							
1	Bogra Rental (15 years)	Gas	18	18	22.42			
2	Khulna Rental (3 Years)	HSD	40	40	21.73			
	TOTAL RENTAL		58	58	44.15			
	Total Private (Net Generation)		1388	1372	9137.707			
	BPDB Net Generation				15,173.45			
	Total Net Generation(BPDB+IPP Net)				24,311.15			
	Total Generation(BPDB Gross+IPP& Rental net)		5202	4682	25,292.47			

*** Installed & Derated Capacity of Khulna BMPP is shown 0 MW.



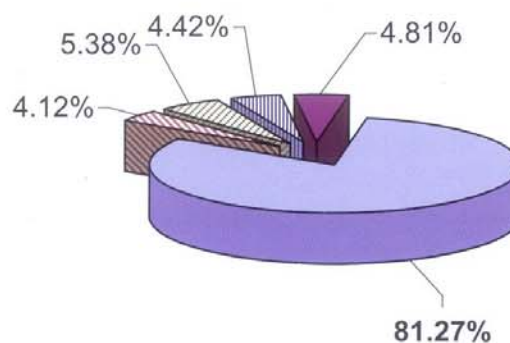
INSTALLED CAPACITY COMPARISON

FY 2008

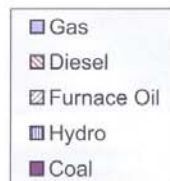


Total = 5202 MW

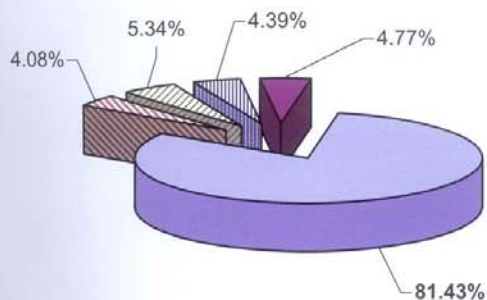
FY 2007



Total = 5202 MW

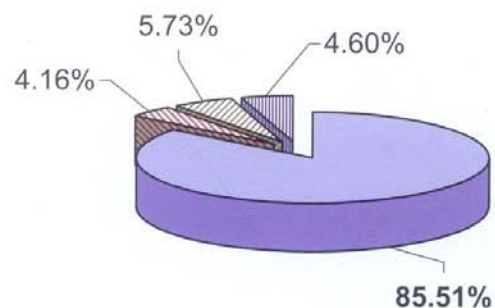


FY 2006



Total = 5245 MW

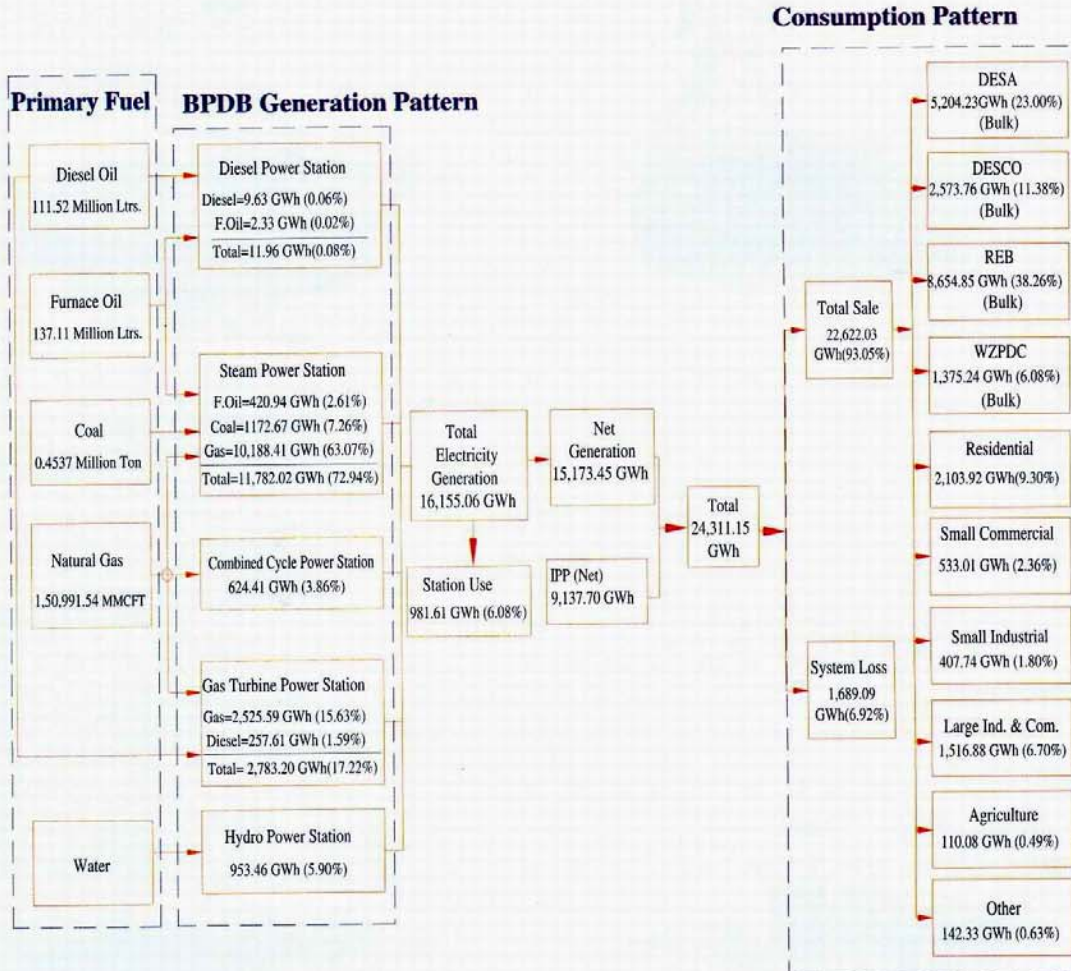
FY 2005



Total = 4995 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
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
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
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
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
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
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
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
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	23,871.606
3. Electricity Purchase From RPP	-	-	-	-	-	-	-	-	-	-	-	309.04
3. Electricity Purchase From APSCL	-	-	-	-	-	-	-	4,547.5217	4,634.553	4,100.040	4,097.352	4,000.170
4. 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
5. 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
6. Exchange Rate Fluctuation	-	-	-	-	-	-	-	1,418.1070	1,309.079	1,061.950	92.884	1,016.766
7. 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	65,764.690
8. 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
9. Per Unit Supply Cost (7/8) (Tk./kWh)	2.16	2.22	2.15	2.31	2.50	2.47	2.47	2.54	2.62	2.70	2.77	2.91

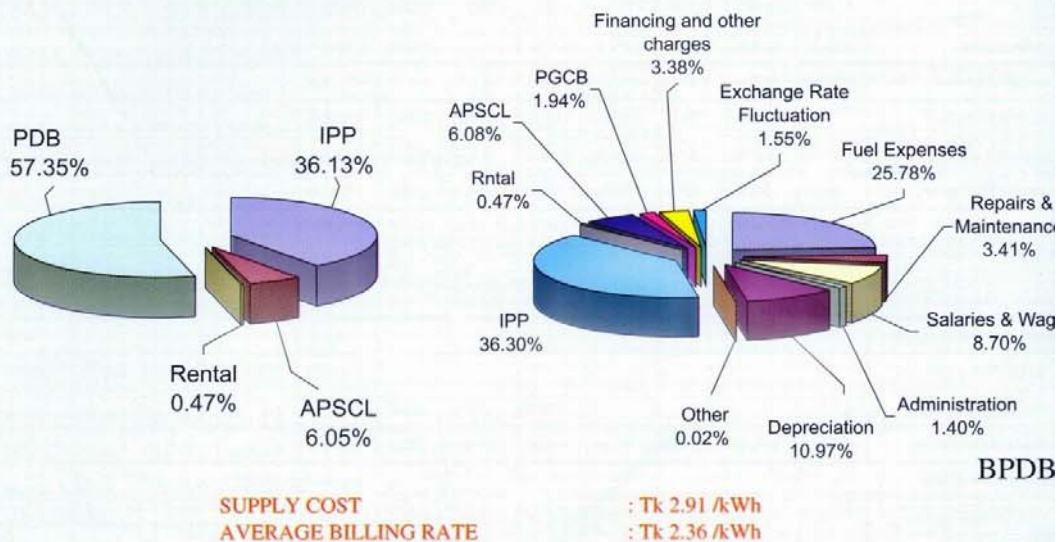
* Includes Exchange Rate Fluctuation from FY 2004 only.



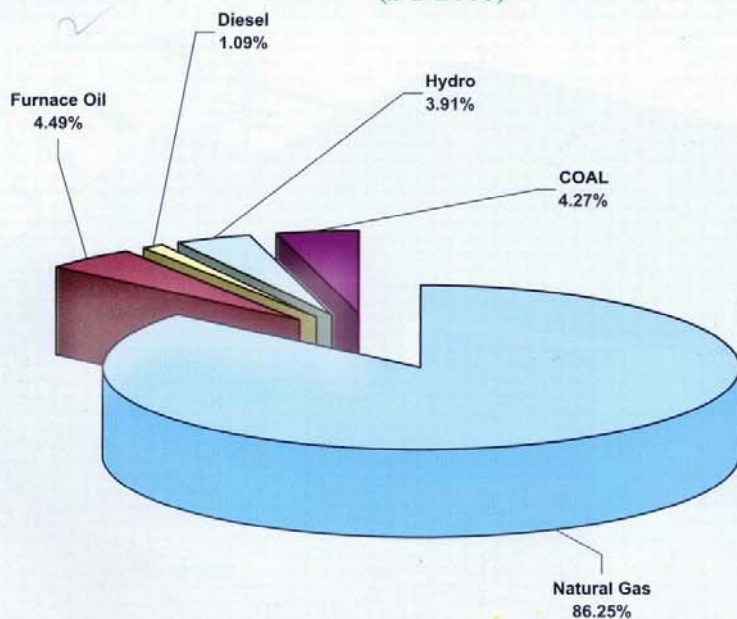
Newly constructed Kumargaon (Sylhet) 50 MW Rental Power Plant.



ELECTRICITY SUPPLY COST (FY 2008)



GENERATION PATTERN (FY 2008)



Total Net Generation : 24,311.15 MWh



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

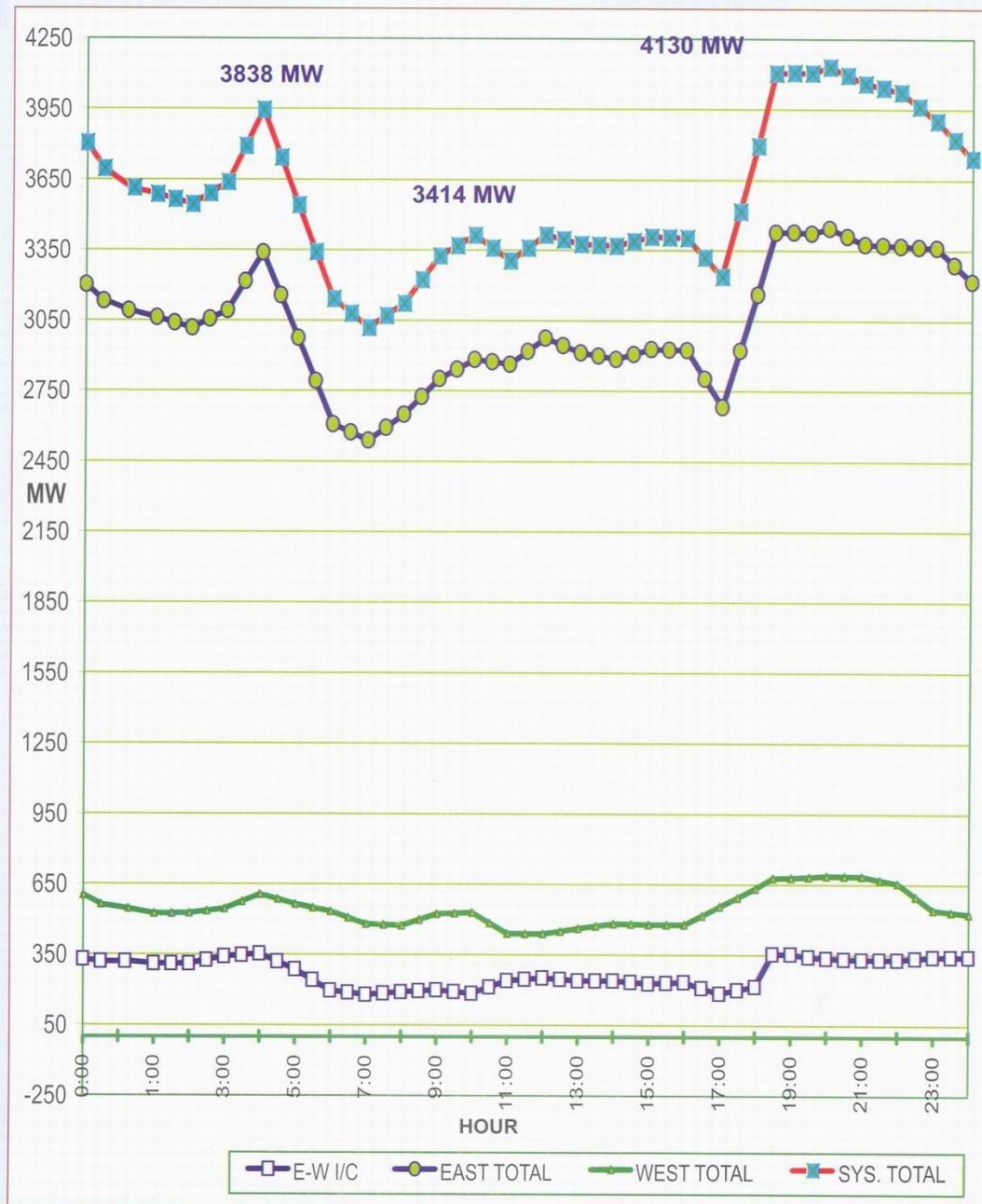
NAME OF PLANT	EAST ZONE		WEST ZONE	
	2006-2007	2007-08	2006-2007	2007-08
Diesel Station	----	----	12.000	11.738
Gas Turbine(Oil Fired)	----	----	14.432	15.907
Gas Turbine(Gas Fired)	1.272	1.163	0.904	0.929
Combined Cycle (Gas Fired)	0.830	0.796	----	----
Steam Turbine (Oil Fired)	----	----	6.628	6.479
Steam Turbine (Gas Fired)	0.791	0.787	----	----
Steam Turbine (Coal Fired)	----	----	1.784	1.625
Overall Fuel Cost Per Unit Of Thermal Generation	0.818	0.83	3.517	3.503



Signing of contract between PDB and Sino Hydro Corporation for
construction of Shikalbaha 150 MW peaking power plant.



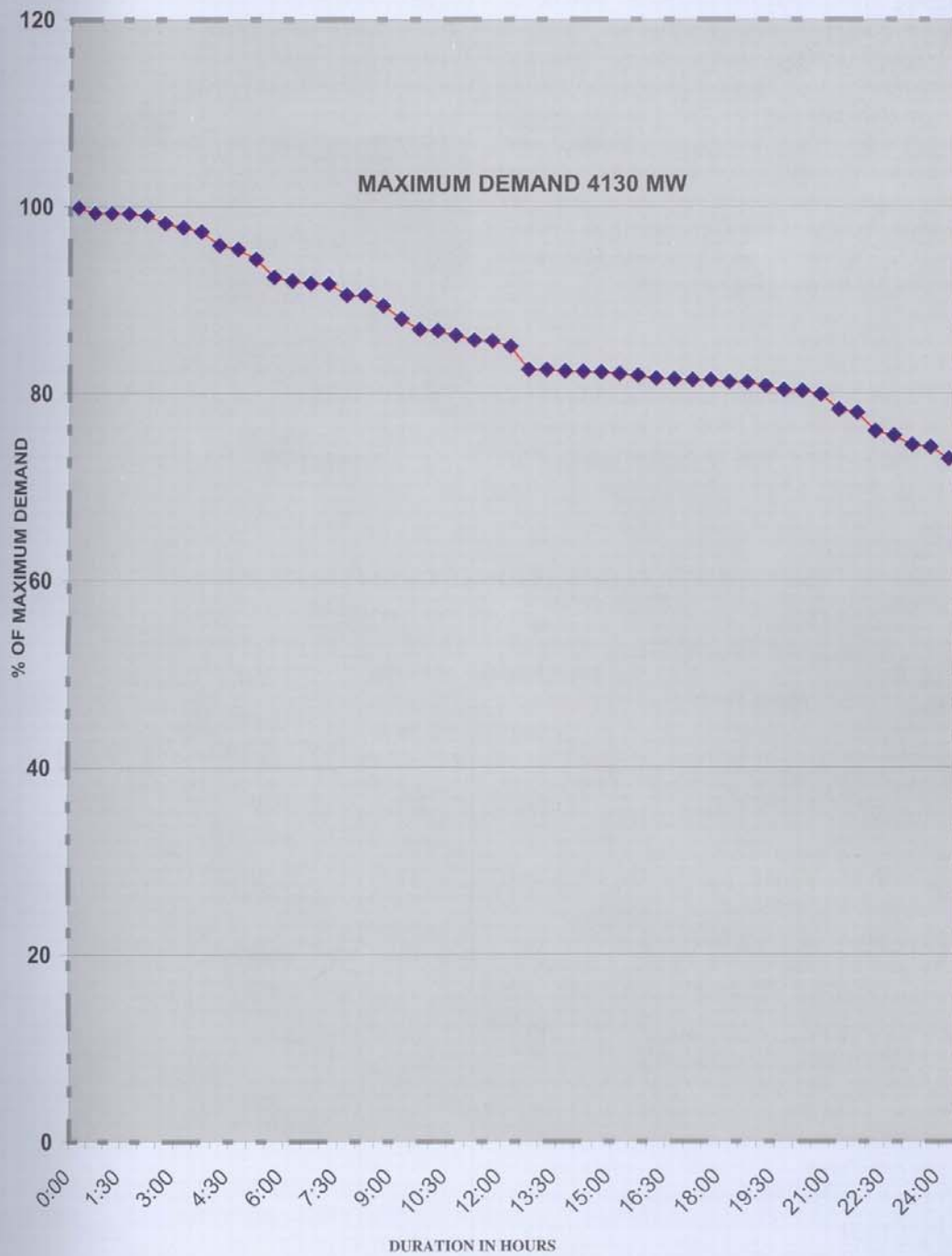
DAILY LOAD CURVE September 17, 2007



Source : Power Grid Company Of Bangladesh (PGCB)



LOAD DURATION CURVE





TRANSMISSION LINE

During FY 2007-08, Second East-West Interconnector (Ashuganj-Jamuna Bridge-Sirajganj 143 km double circuit 230 kV Transmission line), Khulna-Ishurdi 185 km & Bogra-Barapukuria 106 km 230 kV double circuit transmission lines were completed and energized. Constructions of several 230 kV lines are under way. Some of them will be commissioned very soon. The length of 230 kV and 132 kV line has been increased 1158 route km and 3166.8 route km respectively.

SUBSTATIONS

In FY 2007-08 the total capacity of 230/132 kV Grid Substations was 6400 MVA and total of 675 MVA of new capacity of transformer were

added. In this fiscal year a new 230/132 kV 225 MVA substations at Bogra has been commissioned and at Aminbazar & Rampura capacity have been enhanced by 225 MVA each. Total capacity of 132/33 kV S/S has been increased from 9056 MVA to 9513 MVA.



Aminbazar 230/132 kV Sub-station

INTERRUPTION OF NATIONAL GRID FOR FY 2007 & 2008

Sl. No.	Type of Fault	Total Number of Faults		Total Duration	
		FY 2007	FY 2008	FY 2007 Hours/ Minutes	FY 2008 Hours/ Minutes
1.	Partial Power failure due to trouble in generator	102	155	18/50	15/45
2.	Partial Power failure due to trouble in grid transformer/breaker	10	14	11/38	28/14
3.	Partial Power failure due to fault in transmission line	07	7	9/00	32/17
4.	Partial Power failure due to the lightning on transmission line/stormy weather	04	02	01/06	02/03
5.	Partial Grid failure	06	06	1/33	03/40
6.	Total Grid failure	--	01	--	00/06
	Total	129	185	42/07	82/05



SYSTEM OPERATION

In FY 2008 the total duration of Grid failure was 82 hours five minutes, which was about 98.89% higher than the interruption in FY 2007. In FY 2008 gas & hydro based energy generation was 86.25% & 3.91% respectively and liquid fuel based generation was 5.57 % and coal based generation was 4.27 % of total net generation compared to 82.66% & 6.25% and 4.24 % and 6.84 % respectively in FY 2007.

DISTRIBUTION

The total length of distribution lines comprising of 33 kV, 11 kV and 11/0.4 kV lines stood at 47,808 km at the end of FY 2008 compared to 47,479 km at the end of FY 2007. A total of 329 km of distribution lines were added during this year.

NUMBER OF CONSUMER

The total number of consumers at the end of FY 2008 was 17, 83,295 compared to 16,48,411 at the end of FY 2007. This was about 17.41 % increase over FY 2007.

FINANCIAL OPERATION

Sales & Revenue Collection

The energy sales (including bulk sales to DESA, DESCO, WZPDC and REB) in this year increased to 22,622.03 GWh, which is an increase of 6.80 % over the previous year. The Revenue collection was Tk. 54,402.68 million in FY 2008, which is 2.39% higher than that of the previous year.

Fuel Price

The price of Natural Gas were 73.91Tk./1000Cft in FY 2008. The price of High Speed Diesel (HSD), Light Diesel Oil (LDO) and Super Kerosene Oil (SKO) were 40.00 Tk./litre. Furnace Oil (F.Oil) price increased from 14.00 Tk./litre to 20.00 Tk./litre with effect from 02-04-2007.

System Loss

The system loss of BPDB was 6.92 % of net generation during the year, compared to 7.03 % in the previous year. Also the distribution loss in BPDB's own distribution system has decreased to 14.43 % from 16.58 % in FY 2007.

Tariff

The average billing rate stood at Tk. 2.36 per KWh during the year, compared to the previous year's rate of Tk. 2.26 per KWh. This increase is mainly due to increase of tariff, which effected from March 2007.

PROFIT AND LOSS

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

* Total revenue	Tk. 55,943,443,558
* Gross operating profit /(Loss)	Tk. (6,566,594,184)
* Net (Loss)	Tk. 9,821,260,501
* Accounts Receivable (Trade)	Tk. 44,959,148,219
* Rate of return % (on total fixed asset)	Tk. (3.24%)

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 Haliashahar, 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.



Chittagong P.C. Pole Manufacturing Factory

Details	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY 2005	FY 2006	FY 2007	FY 2008
1. Nos. of poles manufactured												
i) 33 kV poles a) 15 x 220	320	311	981	1,596	842	1,146	1,040	438	1,160	1,071	738	860
b) 15 x 190	10	524	163	298	716	676	723	564	1,256	1,901	600	582
ii) 11 kV poles 12 x 190	1,755	1,581	3,334	4,397	5,471	5,913	9,697	10,185	7,055	6,680	7,884	7,678
iii) 0.4 kV poles 9 x 140	2,610	5,222	3,548	3,723	6,793	6,639	12,654	9,430	7,825	9,474	7,808	7,285
2. Cost per no. of pole (Tk.)												
i) 33 kV poles a) 15 x 220	13,458	20,000	20,000	20,000	16,821	16,821	16,821	20,185	23,180	23,180	23,180	31,650
b) 15 x 190	12,309	17,000	17,000	17,000	15,150	15,150	15,150	18,180	20,908	20,908	20,908	27,833
ii) 11 kV poles 12 x 190	8,256	14,400	14,400	14,400	11,005	11,005	11,005	13,206	15,119	15,119	15,119	18,891
iii) 0.4 kV poles 9 x 140	4,356	7,000	7,000	7,000	5,885	5,885	5,885	7,062	7,902	7,902	7,902	8,310
3. Production Capacity (Nos.)												
i) 33 kV poles a) 15 x 220	864	800	1,000	600	800	1,500	1,000	460	2,000	2,000	2,000	2,000
b) 15 x 190	864	1,000	500	500	700	800	600	600	2,000	2,000	2,000	2,000
ii) 11 kV poles 12 x 190	4,000	4,000	4,000	5,000	4,000	8,400	8,400	10,725	7,500	7,500	7,500	7,500
iii) 0.4 kV poles 9 x 140	3,500	5,300	4,000	4,000	4,500	9,300	10,000	9,900	8,500	8,500	8,500	8,500
4. Use of production capacity (%)	50.88	68.81	84.48	99.15	138.22	71.87	120.57	95.07	86.84	95.63	85.45	82.03
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 Factory

Details	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY 2005	FY 2006	FY 2007	FY 2008
1. Nos. of poles manufactured												
i) 33 kV poles 22.5x230	---	---	---	---	---	---	---	---	---	---	---	---
15x230	5	61	---	17	39	---	---	---	---	---	---	---
ii) 11 kV poles 12x230	637	751	240	720	1,450	3,449	4,007	3,508	2,722	1,338	2,238	1,583
11x230	2,928	4,300	3,416	3,674	5,090	6,884	5,162	5,170	6,673	3,790	3,852	729
iii) 0.4 kV poles 9 M	2,809	4,022	3,371	4,640	6,501	12,046	14,859	12,342	10,610	8,009	9,912	4,691
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	15,880	16,516	20,550	21,246	21,246	21,246	21,246	24,816	24,816	28,119	41,669
ii) 11 kV poles 12 M	10,406	10,642	10,868	13,802	14,197	14,197	14,197	14,197	15,783	15,783	17,328	24,486
11 M	9,216	9,400	9,634	12,385	12,652	12,652	12,652	12,652	13,910	13,910	15,313	21,066
iii) 0.4 kV poles 9 M	4,449	4,501	4,669	6,072	6,262	6,262	6,262	6,262	6,694	6,694	7,074	9,558
3. Production Capacity (Nos)												
i) 33 kV poles 22.5 M	---	---	---	---	25	25	25	25	25	---	---	---
15 M	300	300	100	300	300	340	200	200	200	---	---	---
ii) 11 kV poles 12 M	1,500	1,500	1,500	900	900	2,000	3,000	3,000	3,000	4,000	4,000	4,000
11 M	4,000	4,000	4,000	4,000	4,000	8,000	5,000	5,000	5,775	5,000	5,000	5,000
iii) 0.4 kV poles 9 M	4,200	4,200	4,400	4,800	4,800	9,660	11,000	11,000	11,000	11,000	11,000	11,000
4. Use of production capacity (%)	63.79	91.34	70.27	90.51	130.80	111.90	120.14	105.10	100.03	65.68	80.01	35.01
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						

Chapter 3



PLANNING AND DEVELOPMENT



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 plans 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 FY2008

A total of 15 projects were included in the Revised Annual Development Program (RADP)

of FY 2008. These are as follows:

1. Generation projects - 11 nos.
2. Distribution projects - 03 nos.
3. Technical Assistance Projects - 01 nos.

The following Projects were completed in FY 2008:

1. Power Plant Rehabilitation Project (Phase 2).
2. Barapukuria 300 MW Coal Fired Thermal Power plant project.
3. Rehabilitation, Renovation & Augmentation of Grid System (RRAGS), (Phase 2).
4. Greater Rajshahi Power Distribution Project (Phase 2)
5. 16 Town Power Distribution Project. (Phase 2)

The Original Allocation, Revised Allocation & the Expenditure incurred (provisional) during FY2008 is shown in the following table.

ANNUAL DEVELOPMENT PROGRAMME (ADP): FY 2008

(Taka in lakh)

Sub-Sector	Original ADP FY 2008			Revised ADP FY 2008			Expenditure incurred in FY 2008		
	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign
Generation	72339	60539	11800	34694	32405	2289	28399.47	25899.79	2499.68
Transmission	0	0	0	0	0	0	0	0	0
Distribution	27745	11323	16422	17058	6412	10646	16367.34	5962.54	10404.80
TAPP	0	0	0	249	11	238	175.74	3.94	171.80
Total	100084	71862	28222	52001	38828	13173	44942.55	31866.27	13076.28



PROJECTS UNDER IMPLEMENTATION FY 2007-2008

Taka in Lakh

Sl. No.	Name of projects	Estimated cost in Lakh Taka	Achievement during 2007-2008	Source of Finance	Physical Target of the project in % 2007-2008	Physical Progress of the project in % 2007-2008	Cumulative progress in %	year of completion
1	2	3	5	6	7	8	9	10
GENERATION PROJECTS								
1	Rehabilitation & Modernization of unit 1&2 Ghorashal Power Station	Total: 21025 local: 8762 PA : 12263	Rehabilitation work of unit 1 is complete & commissioned on 21-06-08 Rehab. work of Unit 2 is under full swing.	Supplier's credit Russia	10%	6.8%	87%	2008-2009
2	Sylhet 90MW Combined Cycle Power Plant(2nd unit)	Total: 71723 local: 71723 PA : ---	Erection work of GT is complete. After installation of Gas Booster Compressor GT will be commissioned	GOB	57%	57%	86.25%	2008-2009
3	Chandpur 150 MW Combined Cycle Power Plant & Associated Power Evacuation Facilities	Total: 68694 local: 68694 PA : ----	Tender Evaluation Work is under process.	GOB	2%	2%	29%	2008-2009
4	Sylhet 150 MW Combined Cycle Power Plant & Associated Power Evacuation Facilities	Total: 40708 local: 40708 PA : ----	4th Retender work is under process.	GOB	2%	2%	20%	2010-2011
5	Rehabilitation of Karnafuli Hydro Power Station Unit-3	Total: 17515.44 local: 5190.57 PA : 12324.87	According to Implementation Schedule Rehabilitation work is under swing.	Italy	15.50%	18.00%	38.00%	2008-2009
6	Haripur GTPS 1st, 2nd, & 3rd unit rehabilitation	Total: 18844.30 local: 18844.30 PA : ----	After Rehabilitation work Unit No -1 & 3 Commissioned on 30-01-08 and 01-06-08 respectively.	JDCF (Japan)	48%	42%	94%	2008-2009
7	Rehabilitation of Karnafuli Hydro Power Station Unit-4 & 5	Total: 21636.34 local: 21636.34 PA : ----	Notification of award (NOA) is issued on 22-5-08 with M/S Marubini Corporation Japan for Turnkey Contract.	JDCF (Japan)	6.5%	6.5%	19.50%	2009-2010
8	Land & Infrastructure Development For Power Generation Hub at Sirajganj	Total: 6182 local: 6182 PA : ----	The Project is Complete.	GOB	18%	9%	94%	2007-2008
9	Construction of Khulna 150 MW peaking Power Plant	Total: 80320 local: 30953.65 PA : 49366.35	Agreement of consultation is signed on 30-6-08 & work of Turnkey Contractor is under process.	ADB	1.10%	1.10%	1.11%	2008-2009



PROJECTS UNDER IMPLEMENTATION FY 2007-2008

Taka in Lakh

Sl. No.	Name of projects	Estimated cost in Lakh Taka	Achievement during 2007-2008	Source of Finance	Physical Target of the project in % 2007-2008	Physical Progress of the project in % 2007-2008	Cumulative progress in %	year of completion
1	2	3	5	6	7	8	9	10
GENERATION PROJECTS								
10	Construction of Sirajganj 150 MW Gas Turbine Power Plant	Total: 68795 local: 25481 PA : 43314	Agreement of consultation is signed on 30-6-08 & work of Turnkey Contractor is under process.	ADB	1.10%	1.10%	1.21%	2008-2009
11	Shikalbaha 150 MW peaking Power Plant construction project	Total: 77798.35 local: 77798.35 PA : -----	Agreement is signed BPDB & Turnkey Contractor M/S Sin Hydro Co. Ltd. on 03-04-08. For employment of consultant evaluation work of EOI is complete..	GOB	0%	0%	0%	2009-2010
DISTRIBUTION PROJECTS								
12	Greater Chittagong Power Distribution Project Phase-3	Total: 87084 local: 54834 PA : 32250	The Project is complete.	Kuwait	11.54%	12.92%	88.5%	2007-2008
13	Prepaid Metering pilot Project	Total: 4023 local: 1059 PA : 2964	The Project is complete.	KfW German	19.5%	19.5%	100%	2007-2008
14	10 Town power Distribution Project	Total: 65355 local: 34560 PA : 30795	Agreement is signed with bidder of 3 works by ADB Financing. Tender process is running of 8 Nos 33/11KV S/S & 1 Nos of 132/33 KV S/S by NDF & NORAD Financing.	ADB NDF NORAD	31%	18%	58.5%	2008-2009
15	Technical assistance for the Corporatization of the BPDB	Total: 667.60 local: 139.60 PA : 528.	Final report is not Submitted by ADB Consultant.	ADB (Grant)	40%	36%	99%	2008-2009



Signing of a contract between PDB and Precision Energy Ltd. for construction of 55 MW Rental Power Plant at Ashuganj.



Signing of contract for construction of Fenchuganj 50 MW Rental Power Plant.



Chapter 4



TABLES AND CHARTS



EXISTING TRANSMISSION LINES AS OF JUNE 2008

A) 230 KV Transmission Lines

Sl. No.	Name of Lines	Lenth 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.
Total		1158	2314.5			

*** Commissioned during FY 2007-08

B) 132 KV Transmission Lines

Sl. No.	Name of Lines	Lenth in Route kilometers	Lenth 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	13	Single	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	106	212	Double	AAAC	804 MCM
21.	Bogra - Saidpur	140	280	Double	AAAC	804 MCM
22.	Saidpur - Thakurgaon	64	128	Double	AAAC	804 MCM

Sl. No.	Name of Lines	Lenth in Route kilometers	Lenth in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
23.	Goalpara - Bagerhat	45	45	Single	AAAC	804 MCM
24.	Barisal - Bhandaria - Bagerhat	80	80	Single	HAWK	477 MCM
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	73	73	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	53	106	Double	Grosbeak	636 MCM
44.	Ullon - Rampura - Tongi	20	40	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 Sidd-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	4	Single	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	4	Single	Grosbeak	636 MCM
61.	Haripur-Maniknagar**	12	12	Single	Grosbeak	636 MCM
	Total	3166.8	5610.6			

** Transmission line under the control of DPDC

C) 66 KV Transmission Lines

Sl. No.	Name of Lines	Lenth in Route kilometers	Lenth in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
01.	Rajshahi - Ishurdi - Pabna - Shahjadpur - Ullahpara	167	167	Single		
	Total	167	167		Merlin	336 MCM



LIST OF GRID SUB-STATIONS AS OF JUNE, 2008

A. 230/132 KV SUB-STATIONS

a. PGCB				
Sl. No.	Name of Grid Sub-Station	Transformer Capacity (MVA)	Maximum Flow (MW)	Remarks
1	Hathazari	3 x 150	390	
2	Comilla (N)	1 x 225 (3 x 75)	210	
3	Tongi	3 x 225 (10 x 75)	490	
4	Haripur	3 x 225 (10 x 75)	580	
5	Hasnabad	3 x 225 (10 x 75)	386	
6	Ishurdi	3 x 225 (9 x 75)	400	
7	Rampura	3 x 225 (10 x 75)	345	
8	Aminbazar	3 x 225 (10 x 75)	240	
9	Barapukuria	2 x 225 (6 x 75)	224	
10	Khulna (S)	2 x 225 (7 x 75)		Date of Commissioning: 16 th Dec. '06 & 29 th Jan. '07
11	Sirajganj Switching			Date of Commissioning: 1 st December 2007
12	Bogra	1 x 225 (4 x 75)		Date of Commissioning: May 2008
b. BPDB				
1	Ashuganj	2 x 150		
2	Ghorasal	2 x 125		

B. 132/33 KV SUB-STATIONS

CHITTAGONG CIRCLE

a. PGCB				
Sl. No.	Name of Grid Sub-Station	Transformer Capacity (MVA)	Maximum Demand (MW)	Remarks
1	Chandraghona	2 x 15/20	32.20	
2	Hathazari	1x44.1 / 63, 1x41/63	66	
3	Madunaghat	2 x 25 / 41	42	
4	Dohazari	2 x 28 / 40	42	
5	Cox'sbazar	2 x 25/41	36	
6	Kulsi (PGCB)	2 x 44.1 / 63	108	
	Kulsi (Meghna)	1 x 25/41	24	
7	Baroaulia	2 x 48 / 64	65	
8	Halishahar	2 x 44.1 / 63 1 x 48 / 64	114	
9	Bakulia	2 x 48 / 64	72	
10	Julda	2 x 48 / 64	15	
11	Shahmirpur	2 x 48 / 64		
b. BPDB				
1	Kaptai	1x 15 / 20	7.50	
2	Sikalbaha	2 x 25 / 41.6	37.10	
c. Private				
1	AKSML	1x25/30	12.90	

**DHAKA CIRCLE**

a. PGCB				
Sl. No.	Name of Grid Sub-Station	Transformer Capacity (MVA)	Maximum Demand (MW)	Remarks
1	Siddhirganj	2 x 50 / 83.3	89	
2	Maniknagar	1 x 50 / 75	67	
3	Ullon	3 x 35 / 50	111	
4	Shyampur	3 x 50 / 75	128	
5	Hasnabad	3 x 35/50, 1x25/33	107	
6	Mirpur	1 x 35 / 50, 2 x 50 / 75	118	
7	Kallyanpur	3 x 50 / 75	134	
8	Gulshan GIS	2x 80 / 120	56	Date of Commissioning: 27 th May 2007
9	Tongi	2 x 50 / 75, 1 x 25 / 41	115	
10	Kabirpur	2 x 25/41, 1 x 50/83	97	
11	Manikganj	2x 35 / 50	70	
12	Tangail	2x 25 / 41	58	
13	Joydebpur	3 x 35 / 50	99	
14	Bhulta	2 x 35/50	65	
15	Kishoreganj	2 x 15 / 20, 1 x 10	40	
16	Mymensingh	3 x 25 / 41	80	
17	Jamalpur	2 x 25 / 41	62	
18	Netrokona	2 x 15 / 20	31	
19	New Tongi	2 x 50 / 75		Date of Commissioning: June 2008
b. BPDB				
1	Ghorasal	2 x 50	75	
c. DESA				
1	Haripur	2 x 35 / 50	83	
2	Moghbar	2 x 50 / 75	112	
3	Dhanmondi	2 x 50 / 75	124	
4	Narinda	2 x 50 / 75	107	
5	Banga Bhaban	2 x 28 / 35	72	
6	Madanganj	2 x 35/50	80	
7	Sitalakhya	2 x 50 / 75	86	
8	Matuail	2 x 50 / 75		
9	Kamrangirchar	2 x 50 / 75		Date of Commissioning: June 2008
d. DESCO				
1	Basundhara	3 x 50 / 75	145	
2	Uttara	2 x 50 / 75	67.3	
e. PRIVATE				
1	Rahim Steel	1 x 20 / 25	15	



COMILLA CIRCLE

a. PGCB

Sl. No.	Name of Grid Sub-Station	Transformer Capacity (MVA)	Maximum Demand (MW)	Remarks
1	Feni	2 x 25 / 41	54	
2	Chowmuhan	3 x 25 / 41	68	
3	Comilla (N)	1 x 40, 1x15/20	35	
4	Comilla (S)	4 x 25 / 41	98	
5	Chandpur	2 x 25 / 41	42	
6	Sreemongal	2 x 15 / 20	34	
7	Fenchuganj	15 / 19.9 , 15 / 20	26	
8	Sylhet	2 x 25 / 41 1 x 50 / 83.3	95	
9	Chhatak	2 x 15 / 20 1 x 25 / 41	25	

b. BPDB

1	Ashuganj	2x15 / 25, 1x25, 1x25/41	58	
2	Shahjibazar	1 x 15, 1 x 25 / 41	30	

KHULNA CIRCLE

a. PGCB

Sl. No.	Name of Grid Sub-Station	Transformer Capacity (MVA)	Maximum Demand (MW)	Remarks
1	Goalpara	2 x 12.5 / 16.67	7.40	
2	Khulna(C)	3 x 48 / 64	99	
3	Noapara	2 x 20	31.2	
4	Jessore	1 x 50/83.3, 2 x 40	93	
5	Jhenaidah	2 x 25 / 41	64	
6	Kushtia (Bottail)	2 x 25 / 41	60	
7	Faridpur	2 x 25 / 41	49.20	
8	Madaripur	2 x 25/41	65.20	
9	Gopalganj	2 x 15/20	13	
10	Barisal	2 x 25 / 41	58	
11	Bhandaria	2 x 15 / 20	18	
12	Bagerhat	2 x 25 / 41	34	
13	Mongla	2 x 25 / 41	19	
14	Patuakhali	2 x 15 / 20 1 x 25 / 41	34	
15	a) Bheramara PGCB	2 x 15/20	18.6	
	b) Bheramara GK (132/5.5)	1x15/20	7.20	
16	Satkhira	2 x 25 / 41	28	



BOGRA CIRCLE

PGCB				
Sl. No.	Name of Grid Sub-Station	Transformer Capacity (MVA)	Maximum Demand (MW)	Remarks
1	a) Ishurdi 132/33 kV	2 x 10 / 13.3	21	
	b) Ishurdi 132/66 kV			
2	Natore	2 x 25 / 41	41	
3	Rajshahi	2 x 25 / 33 1x 35 / 50	57	
4	Nawabganj	4 x 15 / 20	54	
5	Pabna	2 x 25 / 41	48	
6	a) Shahajadpur 132/33 kV	3 x 15 / 20	28	
	b) Shahajadpur 132/66 kV	1 x 15 / 20	-	Transformer under repair
7	Sirajganj	3 x 15 / 20	36.50	
8	Bogra	4 x 25 / 41	82	
9	Noagaon	3 x 25 / 41	78	
10	Palashbari	2 x 15 / 20	30.80	
11	Rangpur	2 x 25 / 41	53.20	
12	Lalmonirhat	2x 15 / 20	28	
13	Saidpur	2 x 25 / 41	64	
14	Purbasadipur	1 x 12.5 / 16.67 2 x 20	37.50	
15	Thakurgaon	2 x 25/41	34	
16	Barapukuria	2 x 15 / 20		

C. 66 KV SUB-STATIONS

Sl. No.	Name of Grid Sub-Station	Transformer Capacity (MVA)	Maximum Demand (MW)	Remarks
1	Ullapara 66/11 kV	1 x 7.5, 1 x 1.5 1 x 10 (REB)	9.50	
2	Rajshahi 66/33 kV	1 x 5/6.6	4.70	



A farewell meeting of some Senior Officers of PDB.



CIRCLE WISE SUMMARY OF SUB-STATIONS CAPACITY (MVA) (As of June 2008)

A. 230/132 kV Sub-stations

Name of Circle	PGCB		PDB		DESA	
	No. of S/S	Total (MVA)	No. of S/S	Total (MVA)	No. of S/S	Total (MVA)
Chittagong	1	450				
Comilla	1	225	1	300		
Dhaka	5	3375	1	250		
Khulna	1	450				
Bogra	3+1 (Switch.)	1350				
Total	12	5850	2	550		
Grand Total (MVA)		6400				

B. 132/33 kV Sub-stations

Name of Circle	PGCB		PDB		DESA & Others	
	No. of S/S	Total (MVA)	No. of S/S	Total (MVA)	No. of S/S	Total (MVA)
Chittagong	11	1298	2	104	1	30
Comilla	9	838	2	172		
Dhaka	19	2887	1	91	12	1570
Khulna	16	1287			Bheramara GKP (132/5.5 kV)	20
Bogra	16	1216				
Total	71	7526	5	367	13	1620
Grand Total (MVA)		9513				



LIST OF DISTRIBUTION SUB-STATIONS (As of June 2008)

33/11 KV SUB-STATIONS

CENTRAL ZONE, MYMENSINGH

Sl. No.	33/11 kV Grid Sub-Station	Transformer Capacity (MVA)
1	Akua, Mymensingh	2 x 10.13
2	Batir Kall, Mymensingh	2 x 10.13
3	Fulpur, Mymensingh	1x6.26
4	Shambuganj, Mymensingh	2x6.26
5	Gouripur, Mymensingh	2x5
6	KauatKali, Mymensingh	3x10 /13.33
7	Gafor Gao E/S, Mymensingh	1x5
8	Bhaluka E/S, Mymensingh	1x2.5+1x6.6
9	Trishal E/S, Mymensingh	1x2.5+1x6.6
10	Sharpur	2x10/13.33
11	Natrokona	2x10/13.33
12	Joshdol, Kishorgonj	1x10
13	Mollapara, Kishorgonj	2x10
14	Sararchar, Kishorgonj	1x5
15	Kuliarchar, Kishorgonj	1x5
16	Bhairab	2x10/13.33
17	Sakharvita, Jamalpur	2x10
18	Bajrapur, Jamalpur	1x10
19	Sorishabari, Jamalpur	2x5+1x2.5
20	Bhuapur E/S Tanghail	2x5
21	Ghatail E/S, Tanghail	2x10
22	Kalihati E/S, Tanghail	2x5
23	Sokhipur E/S, Tanghail	2x5
24	Batka, Tanghail	1x10/13.33
25	Kuchuadanga, Tanghail	1x10/13.33
TOTAL		335/371.63

SYLHET ZONE

Sl. No.	33/11 kV Grid Sub-Station	Transformer Capacity (MVA)
1	Ambarkhana, Sylhet	2x10/13.33
2	Kumargaon, Sylhet	2x10/13.33
3	Upo-Sohor, Sylhet	2X10
4	Botassor, Sylhet	2X5
5	Boroikandi, Sylhet	2x10/13.33
6	Bajbari, MoulabiBazar	2x10/13.33
7	Kulaura, MoulabiBazar	1X5
8	Hobigonj	2X5
9	Chatak, Sunamganj	1X10
10	Sunamganj	2X5
TOTAL		145/171.64



RAJSHAHI ZONE

Sl. No.	33/11 kV Grid Sub-station	Transformer Capacity (MVA)
1	Talaimari, Rajshahi	2x20/26.66
2	Katakhali, Rajshahi	2 x 20/26.66
3	Hogram, Rajshahi	2 x 20/26.66
4	Shalbagan, Rajshahi	2 x 10/13.3
5	Bimanbondor, Rajshahi	2 x 10/13.3
6	City Central, Rajshahi	2 x 10/26.66
7	Horispur, Nator	2 x 10/13.3
8	Alaipur, Nator	2 x 10/13.3
9	Hujrapur, Chapainowabgonj	2 x 10/13.3
10	Bottola, Chapainowabgonj	2 x 10/13.34
11	Ghomostapur, Chapainowabgonj	2 x 5
12	Shibgonj, Chapainowabgonj	5
13	Godaghari, Rajshahi	3 x 1.667 KVA +1 x 5 MVA
14	Rahmar Nogar, Bogra	2 x 10/13.33
15	Shibbati, Bogra	2 x 10/13.33
16	Poran Bogra, Bogra	3 x 10/13.33
17	Noagaon	4 x 10/13.33
18	Basterminal, Noagaon	2 x 10/13.33
19	Joypurhat	1 x 10/13.33+1 x 6.25
20	Sharpur	2 x 5
21	Dupchachia	1 x 5
22	Laskurpur, Pabna	2 x 10/13.33
23	Nurpur, Pabna	10/13.33
24	Chatiani, Pabna	2x10/13.33
25	Joynogor, Ishordi	2x10/13.33
26	Patilakhali, Ishordi	2x10/13.33
27	Bahirgola, Sirajgonj	2x10/13.33
28	Raypur, Sirajgonj	2x10/13.33
TOTAL		571.25/767.87

RANGPUR ZONE

Sl. No.	33/11 kV Grid Sub-station	Transformer Capacity (MVA)
1	Katkipara, Rangpur	2x 10/13.33
2	Lalbag , Rangpur	2x 10/13.33
3	Gaibanda	2x 10/13.33
4	Palasbari, Gaibanda	1x 2.5
5	Gobindagang, Gaibanda	1x 2.5
6	Kurigram	2x5
7	Lalmonirhat	2x5
8	Kaliganj,Lalmoniirhat	1x5
9	Hatibanda, Lalmonirhat	1x5
10	Patgram, Lalmonirhat	1x5
11	Doani, Lalmonirhat	1x2.5
12	Dalia, Nilphamary	1x2.5
13	Jaldhaka, Nilphamary	1x2.5
14	Domar, Nilphamary	1x2.5
15	Nilphamary	2x5
16	Golahat, Syedpur	1x10/13.33
17	Niamotpur,Sayedpur	1x10/13.33
18	Parbatipur, Dinajpur	2x5
19	Satubganj, Dinajpur	1x5
20	Fulbary, Dinajpur	3x1.66
21	Purbasadipur, Dinajpur	1x5
22	Pakirpara, Dinajpur	2x 10/13.33
23	Balubary, Dinajpur	1x10/13.33
24	DPS Substation, Thakurgoan	2x6.25
25	Goalpara, Thakurgoan	2x10/13.33
26	Panchagar	2x10/13.33
27	Tatulia, Panchagar	1x5
TOTAL		252.48/302.43



CHITTAGONG ZONE

Sl. No.	33/11 kV Grid Sub-Station	Transformer Capacity (MVA)
1	Fouzdarhat, Chittagong	2x16/20
2	Baro Aulia, Chittagong	2x16/20
3	Barubkundu, Chittagong	2x16/20
4	Hathazari, Chittagong	1x10, 1x16/20
5	Mohra, Chittagong	2x16/20
6	Rangunia, Chittagong	5
7	Patharghata, Chittagong	2x16/20
8	Stadium, Chittagong	2x16/20
9	Mather Bari, Chittagong	2x16/20
10	Muradpur, Chittagong	4x16/20
11	Solo Shahar, Chittagong	48/52
12	Kalurghat, Chittagong	2x16 + 32/40
13	Muradpur, Chittagong	2x16 + 32/40
14	Agrabad, Chittagong	40
15	Rampur, Chittagong	40
16	Mather Bari, Chittagong	20
17	Jalalabad, Chittagong	2x16/20
18	Khulshi, Chittagong	2x16/20
19	Halishahar, Chittagong	2x16/20
20	Newmuring, Chittagong	2x16/20
21	Potanga, Chittagong	2x16/20
22	Pahartoli, Chittagong	2x16
23	Shikalbaha, Chittagong	7.5
24	Fishharbar, Chittagong	2x10/12.5
25	Julda, Chittagong	2x16/20
26	Potia, Chittagong	2x5/20
27	Satkania, Chittagong	1x5
28	Dohazari, Chittagong	1x5
29	Jilongja, Koxbajar	2x10/12.5
30	Aziznagar, Chittagong	1x6.67
31	Chokoria, Chittagong	1x5
32	Khagrachori	3x1.667
33	Jaliapara, Khagrachori	3x1.667
34	Ramgor, Khagrachori	3x1.667
35	Diginala, Khagrachori	3x1.667
36	Mohalcori, Khagrachori	3x1.667
37	Bhedbedi, Rangamati	10
38	Magirbasti, Rangamati	10
39	Gangra, Rangamati	6.67
40	Kaptai, Rangamati	6
41	BandharBhan	5
42	Kheching Ghat	3x1.667
TOTAL		965.84/1149.84



COMILLA ZONE

Sl. No.	33/11 kV Grid Sub-station	Transformer Capacity (MVA)
1	Zangalia, Comilla	2 x 10/13.33
2	Balutupa, Comilla	2 x 10/13.33
3	Cotbari, Comilla	2 x 10/13.33
4	Kaliajuri, Comilla	2 x 10/13.33
5	Paglapara, Comilla	1x2.5 + 1x1.6
6	Chuiddagran, Comilla	7.5
7	Doulotganj, Comilla	15
8	Kalabagan, B Baria	1 x 15/18.3
9	Datiara, B . Baria	1 x 25/34
10	Ghatura, B. Baria	1 x 15/18.33
11	Shahbajpur, B Baria	1x 5/5
12	Balur Math, Chandpur	2 x 10/13.33
13	Puran Bazar, Chandpur	1x5+1x10
14	Feni	3 x 10/13.33
15	Mohipal, Feni	2 x 10/13.33
16	DhagonBhuiya, Feni	2 x 10/13.33
17	Choumohoni, Feni	2 x 10/13.33
18	Maijdi, Feni	2 x 10/13.33
19	Datterhat, Feni	2 x 10/13.33
20	Laskipur, Feni	2 x 10/13.33
TOTAL		341.6/445.48



Contract signing between PDB and Shahjbazar Power Company Ltd.
for construction of Shahjbazar 86 MW Rental Power Plant.



LIST OF DISTRIBUTION TRANSFORMER

CENTRAL ZONE, MYMENSINGH

1	2	3	4
Particulars		Numbers	Capacity (MVA)
Distribution Transformer (11/0.4 kV)	500 KVA	3	1.5
	315 KVA	4	1.26
	250 KVA	134	33.5
	200 KVA	888	177.6
	100 KVA	1296	129.6
	50 KVA	33	1.65
	25 KVA	9	0.225
	10 KVA	49	0.49
	Others	-	-
Distribution Transformer (33/0.4 kV)	-	29	5.2
TOTAL		2445	397.825

SYLHET ZONE

1	2	3	4
Particulars		Numbers	Capacity (MVA)
Distribution Transformer (11/0.4 kV)	500 KVA	11	5.50
	315 KVA	17	5.36
	250 KVA	183	45.75
	200 KVA	759	151.8
	100 KVA	582	58.20
	50 KVA	61	3.05
	25 KVA	49	1.23
	10 KVA	139	1.39
	Others	-	-
Distribution Transformer (33/0.4 kV)	-	57	13.95
TOTAL		1858	286.23

RAJSHAHI ZONE

1	2	3	4
Particulars		Numbers	Capacity (MVA)
Distribution Transformer (11/0.4 kV)	500 KVA	18	9.0
	400 KVA	1	0.4
	315 KVA	36	11.34
	250 KVA	324	81
	200 KVA	1016	203.2
	100 KVA	1400	140
	75 KVA	7	0.525
	63 KVA	5	0.315
	50 KVA	93	4.65
	25 KVA	68	1.7
	15 KVA	3	0.045
	10 KVA	148	1.48
	Others	-	-
Distribution Transformer (33/0.4 kV)	-	18	3.3
TOTAL		3137	456.96



RANGPUR ZONE

1	2	3	4
Particulars		Numbers	Capacity (MVA)
Distribution Transformer (11/0.4 kV)	500 KVA	11	5.500
	315 KVA	5	1.575
	250 KVA	134	33.5
	200 KVA	954	190.8
	100 KVA	644	64.4
	50 KVA	42	2.1
	25 KVA	2	.05
	10 KVA	13	0.13
	Others	-	-
Distribution Transformer (33/0.4 kV)	-	15	2.850
TOTAL		1820	300.905

CHITTAGONG ZONE

1	2	3	4
Particulars		Numbers	Capacity (MVA)
Distribution Transformer (11/0.4 kV)	500 KVA	16	8.0
	315 KVA	5	1.575
	300 KVA	1	0.3
	250 KVA	1498	374.5
	200 KVA	500	100.0
	100 KVA	577	57.7
	50 KVA	51	2.55
	25 KVA	28	0.7
	10 KVA	9	0.09
	Others	-	-
Distribution Transformer (33/0.4 kV)	-	51	6.56
TOTAL		2609	551.975

COMILLA ZONE

1	2	3	4
Particulars		Numbers	Capacity (MVA)
Distribution Transformer (11/0.4 kV)	500 KVA	2	1.0
	400 KVA	2	0.8
	315 KVA	3	0.945
	250 KVA	144	36
	200 KVA	636	127.2
	100 KVA	758	75.8
	50 KVA	9	0.45
	25 KVA	2	0.05
	10 KVA	-	-
	Others	-	-
Distribution Transformer (33/0.4 kV)	-	5	0.6
TOTAL		1561	242.845



LENGTH OF DISTRIBUTION LINES

CENTRAL ZONE, MYMENNSINGH

FEEDER NAME	FEEDER LENGTH (Km)
33 kV	486
11 kV	1750.5
0.4 kV	2997
TOTAL	5233.5

SYLHET ZONE

FEEDER NAME	FEEDER LENGTH (Km)
33 kV	467
11 kV	1175.5
0.4 kV	3635
TOTAL	5277.5

RAJSHAHI ZONE

FEEDER NAME	FEEDER LENGTH (Km)
33 kV	386
11 kV	1248
0.4 kV	1444
TOTAL	3078

RANGPUR ZONE

FEEDER NAME	FEEDER LENGTH (Km)
33 kV	595
11 kV	1436.6
0.4 kV	1320
TOTAL	3351.6

CHITTAGONG ZONE

FEEDER NAME	FEEDER LENGTH (Km)
33 kV	1079
11 kV	1772
0.4 kV	3689
TOTAL	6540

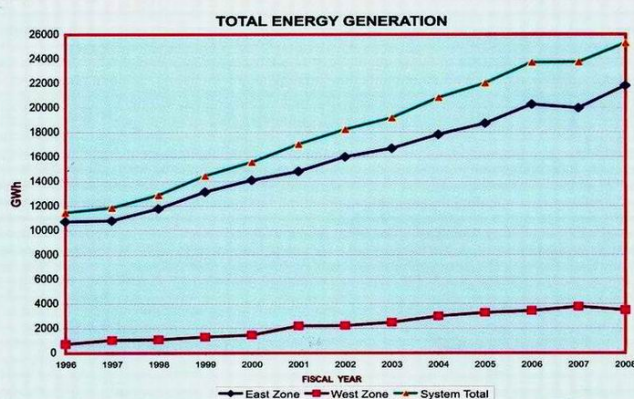
COMILLA ZONE

FEEDER NAME	FEEDER LENGTH (Km)
33 kV	544
11 kV	1133.91
0.4 kV	2560.7
TOTAL	4238.61



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	6,298.81	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	2,344.72	--
2006-07	12,963.82	2,530.88	15,494.70	8,244.54	23,739.24	0.15	1,950.25	--
2007-08	13,397.30	2,757.76	16,155.06	9,137.71	25,292.77	6.54	2,462.08	--

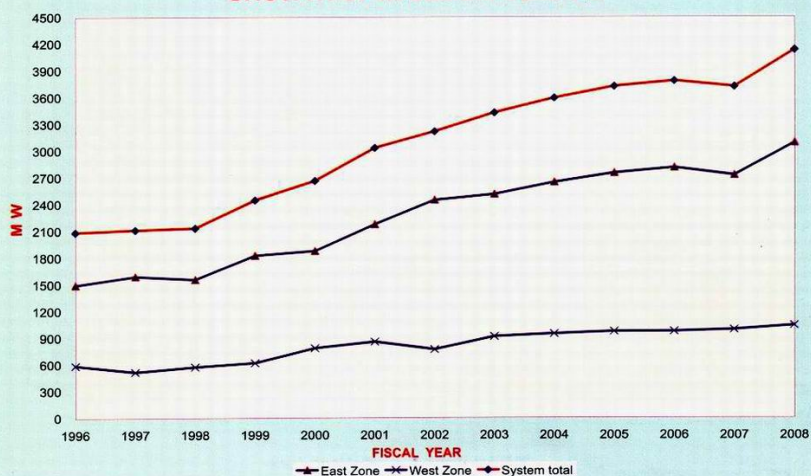




MAXIMUM DEMAND SERVED

Year	MAXIMUM DEMAND SERVED IN MW			% Increase over the preceding year
	East Zone	West Zone	System Total	
1990-91	1,141	499	1,640	
1991-92	1,160	512	1,672	1.95
1992-93	1,293	530	1,823	9.05
1993-94	1,355	520	1,875	2.83
1994-95	1,472	498	1,970	5.07
1995-96	1,497	590	2,087	5.96
1996-97	1,594	520	2,114	1.29
1997-98	1,560	576	2,136	1.02
1998-99	1,828	620	2,448	14.62
1999-2000	1,878	787	2,665	8.84
2000-01	2,175	858	3,033	13.81
2001-02	2,447	770	3,217	6.07
2002-03	2,512	916	3,428	6.54
2003-04	2,646	946	3,592	4.79
2004-05	2,749	971	3,720	3.58
2005-06	2809	973	3,782	1.65
2006-07	2725	992	3,717	-1.70
2007-08	3089	1041	4,130	11.08

GROWTH OF MAXIMUM DEMAND

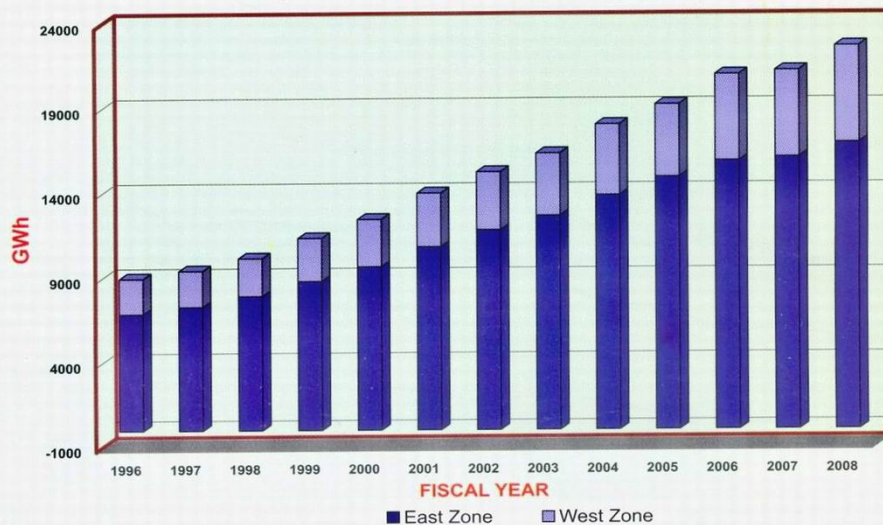




ELECTRICITY SALES (GWH)

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

ENERGY SALES





CONSUMER GROWTH

Number of Consumers (Category wise)

Year	Domestic	Agriculture	Small Industrial	Small Commercial	Large Inds. & Comm.	REB	DESA	DESCO	WZPDCL	Others	Total	% Increase Over the Preceding 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	12.96
2007-08	1,385,424	21,191	37,065	312,041	2,299	187	1	-	4	25083	1,783,295	17.41

A=Residential Light & power,

B=Agricultural pump,

C= Small Industry,

D=Non residential light & power,

E=Commercial,

F=Medium voltage general purpose,

G=DESA,

H=High voltage general purpose,

I= High voltage bulk supply for REB/PBS,

J=Street light and water pump

CONSUMER GROWTH



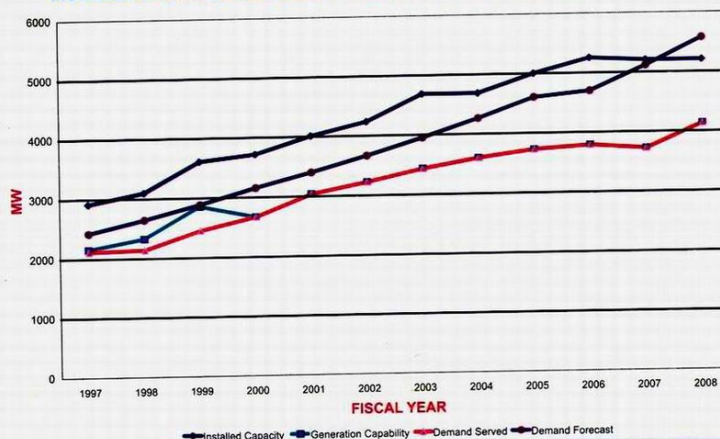


Installed Capacity, Generation Capability, Demand Forecast Demand Served and Load Shedding

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	1,719	-	1,640	340 - 15
1991-92	2,398	1,724	-	1,672	550 - 25
1992-93	2,608	1,918	-	1,823	480 - 20
1993-94	2,608	1,881	-	1,875	540 - 23
1994-95	2,908	2,133	2,038	1,970	537 - 10
1995-96	2,908	2,105	2,220	2,087	545 - 10
1996-97	2,908	2,148	2,419	2,114	674 - 20
1997-98	3,091	2,320	2,638	2,136	711 - 32
1998-99	3,603	2,850	2,881	2,449	774 - 16
1999-00	3,711	2,665	3,149	2,665	536 - 10
2000-01	4,005	3,033	3,394	3,033	663 - 15
2001-02	4,230	3,217	3,659	3,217	367 - 5
2002-03	4,680	3,428	3,947	3,428	468 - 5
2003-04	4,680	3,592	4,259	3,592	694 - 2
2004-05	4,995	3,720	4,597	3,720	770 - 7
2005-06	5,245	3,782	4,693	3,782	1312 - 15
2006-07	5,202	3,717	5,112	3,717	1345 - 40
2007-08	5,202	4,130	5,569	4,130	1049 - 20

- Note :
- <1 Installed capacity as of June of the year.
 - <2 Generation capability is the Maximum available generation capacity after maintenance 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

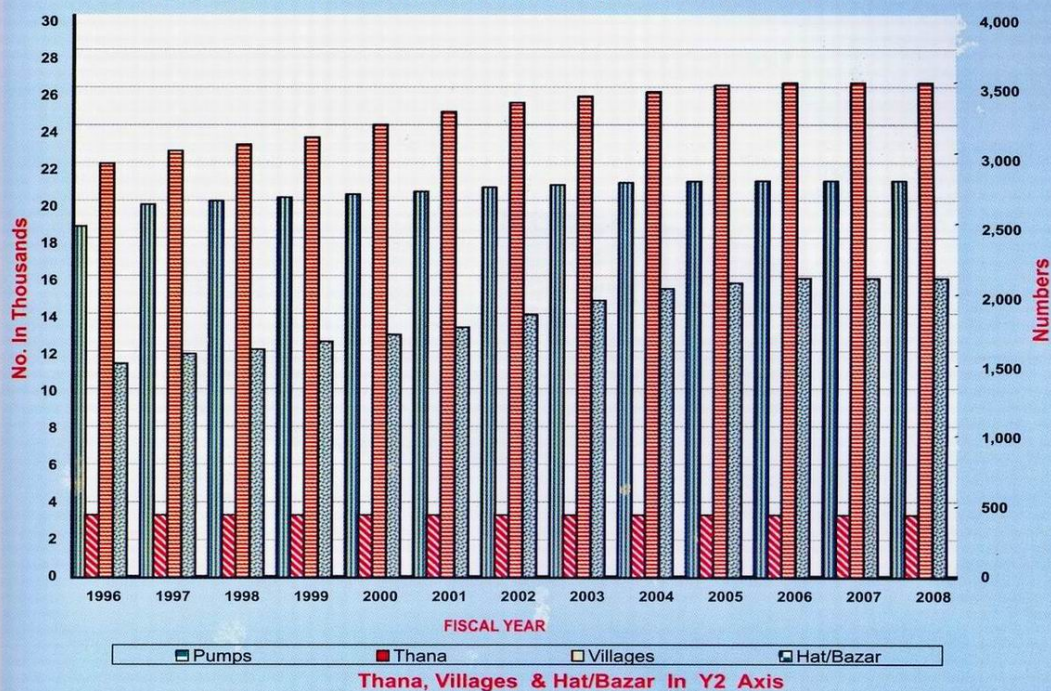




ELECTRIFICATION OF THANAS, VILLAGES AND PUMPS

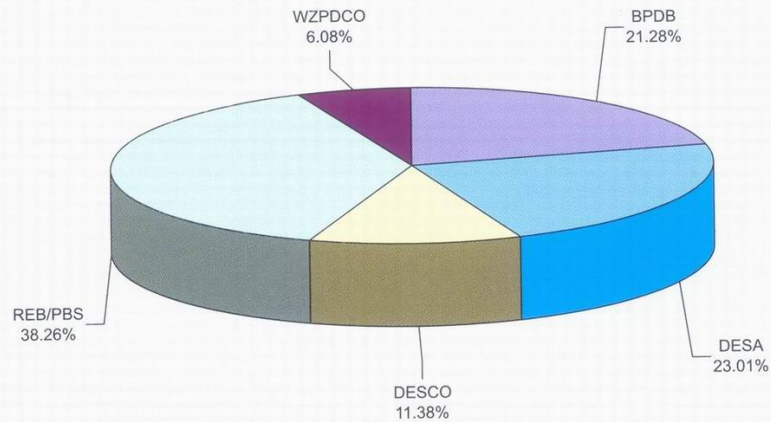
Year	Upazila/Thana (Nos.)	Village (Nos.)	Hat/Bazar (Nos.)	Deep, Shallow & Low Lift Pumps(Nos.)
1989-90	438	2,657	1,371	11,031
1990-91	438	2,717	1,391	12,331
1991-92	438	2,767	1,411	14,033
1992-93	438	2,807	1,431	16,023
1993-94	438	2,837	1,446	16,943
1994-95	443	2,867	1,466	17,193
1995-96	443	2,927	1,513	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	21,020

ELECTRIFICATION ON THANA, VILLAGES, HAT/BAZAR AND PUMPS

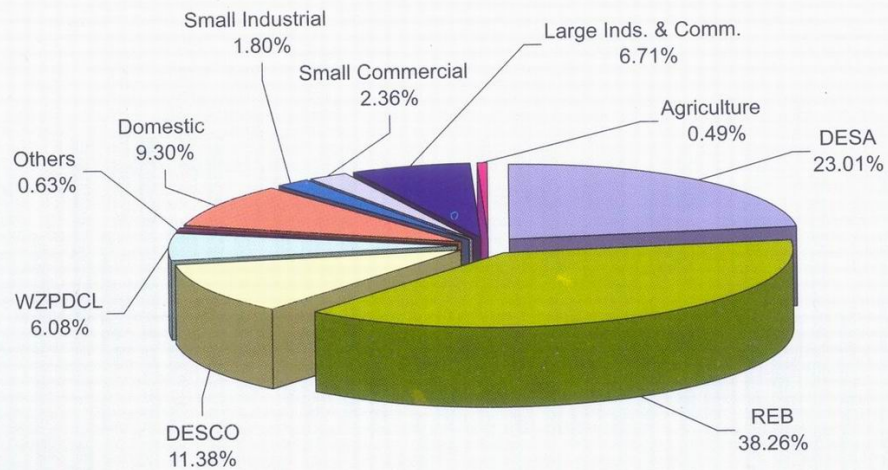




Utility wise Sale (FY 2008)



Consumption Pattern of BPDB (FY2008)



Total Consumption : 22622.03 M kWh



SYSTEM LOSS

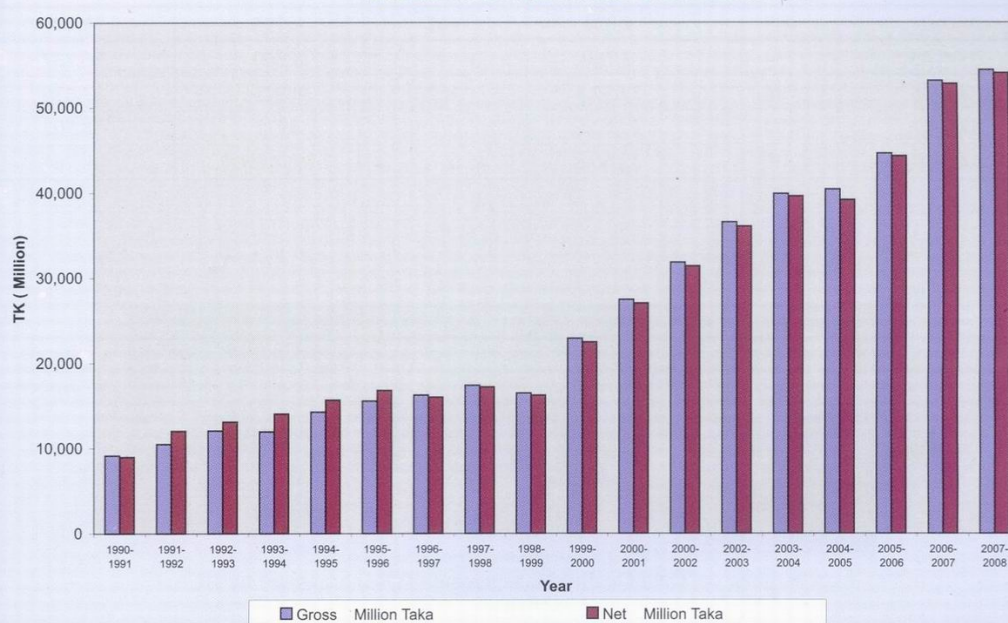
Year	T & D Loss in % of Net Generation	Distribution loss as % of Import	
		Including REB	Excluding REB
1991-1992	28.27	31.28	35.79
1992-1993	20.61	27.17	31.24
1993-1994	19.23	26.32	30.72
1994-1995	17.66	24.64	29.94
1995-1996	16.94	23.68	29.09
1996-1997	15.98	22.81	28.28
1997-1998	16.55	23.74	29.82
1998-1999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

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	8982.43	-3.21
1991-1992	10,484.710	12050.83	25.46
1992-1993	12,080.676	13119.79	8.15
1993-1994	11,977.104	14052.11	6.63
1994-1995	14,271.747	15685.41	10.41
1995-1996	15,582.470	16791.28	6.59
1996-1997	16,266.108	16015.07	-4.85
1997-1998	17,388.912	17199.36	6.89
1998-1999	16,475.212	16234.93	-5.94
1999-2000	22,894.463	22449.9	27.68
2000-2001	27,436.204	27017.07	16.90
2000-2002	31,807.735	31373.29	13.89
2002-2003	36,568.400	36066.41	13.01
2003-2004	39,887.020	39607.85	8.94
2004-2005	40,384.25	39177.08	-1.10
2005-2006	44,602.59	44283.64	11.53
2006-2007	53,134.17	52798.63	16.13
2007-2008	54,402.68	54060.21	2.33

Gross & Net Revenue Collection





TRANSMISSION AND DISTRIBUTION LINES (Length in Route-Kilometers)

Year	230kV	132kV	66kV	33kV	11kV & 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	8,172	27,790
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	3,017.5	167	8,923	37,676
2006-07	734	3,062.5	167	8,977	38,502
2007-08	1158	3,166.8	167	8,987.86	38,764

** Including WZPDCO



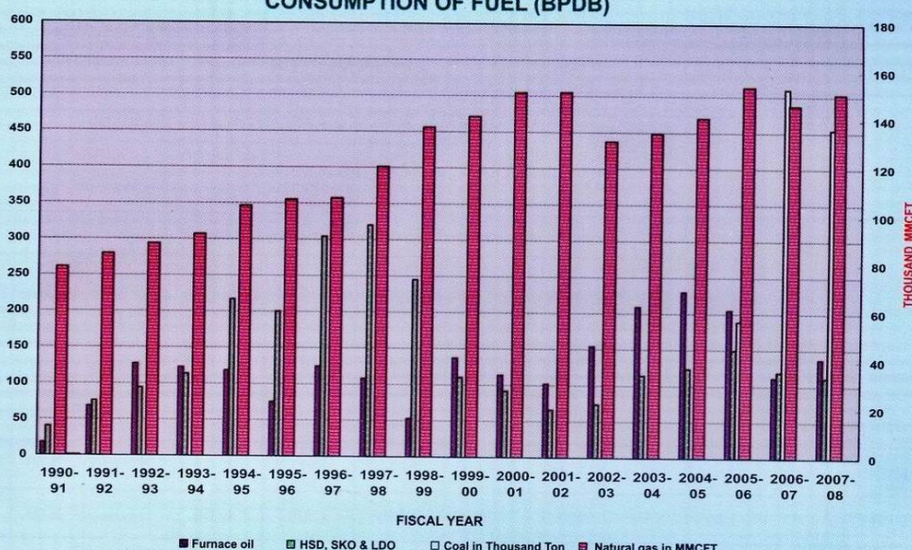
A seminar on Total Quality Management (TQM) organised by JICA.



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

CONSUMPTION OF FUEL (BPDB)





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

FUEL PRICE

SL. NO.	Name of Petroleum 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
1.	Kerosine oil (in Tk./ Lit)	12.66	15.1 7	16.67	16.67	16.83	16.83	22.52	29.37	32.31	40.00
2.	High speed Diesel oil (Tk./ Lit)	12.63	15.0 9	16.59	16.59	19.83	19.83	22.37	29.18	31.98	40.00
3.	Light Diesel Oil (Tk./ Lit)	13.40	16.2 2	17.60	17.60	19.71	19.71	22.01	28.00	28.00	40.00
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
5.	Natarul Gas (Tk./ 1000 Cft)	54.66	62.8 7	62.87	65.99	70.00	70.00	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

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





Chapter 5



REFORMS AND OTHER ACTIVITIES



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.

- ▶ 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 like Siddhirganj 2x120 MW, Siddhirganj 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 (NWZPGCL) has been formed in 2007. It will implement the Khulna 150 MW peaking, Sirajganj 150 MW Peaking Power Plant and Bheramara 450 MW Power plant.
- ▶ 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.

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. 639 nos. of QC circle are working actively in 190 offices under the guidance of TQM promotion office. 157 nos. of Steering committees are working to monitor the activities of TQM in 190 offices. Zonal competition held regularly in 6 zones from August'05 to February '2006. 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 4453 nos. of Officers & Staffs till FY 2008. JICA is supporting through technical assistance to promote TQM in BPDB.



PDB delegation participated TQM Convention held in China.

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 Billaichary Upazilla at Rangamati District.

Under 1st, 2nd and 3rd Phases, 1200 sets Solar Home Systems and 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 (15X120Wp), 6 Sets of Solar PV Vaccine Refrigerators for the Health Care Centers of 360 Wp (3X120Wp) each and 2 sets of 10 kW each Centralized AC Market Electrification Systems

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 comparative and comprehensive study of the data available shows that there exist a satisfactory potential of installation of windmills in Bangladesh.

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

The 11 kV output is taken away 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 kV/0.415 kV step down transformer 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. & delivering power to the consumer. Installations of CFL (Compact fluorescent Lamp) in different offices of BPDB headquarter have already been completed. CFL will be installed in different offices in BPDB in phases.



Wind Mills at Kutubdia.



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.

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. Three 11 kV feeders of Chittagong (Two of Khulsi & One of Statium ESU) are implementing Pre-payment metering . The installation of Pre payment metering in 11 kV feeders of different ESU will be continued. It is expected that the System loss will be decreased and revenue collection will be increased after completing metering.



Secretary, Power Division visiting a pre-payment vending station in Sylhet.



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 16 Circles out of 16 Circles, which will serve 100% of total consumer of BPDB. SMS based bill collection system already introduced in Chittagong region. Initiatives are taken to expand this system in Comilla & Sylhet 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 DESA, 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-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.



Vice Chancellor of BUET Dr. M.M. Shafiullah visiting the PDB stall in International Engineering & Technology Exhibition organised by BUET.



A PDB delegation who participated in a international seminar held in UAE called on PDB Chairman Md. Khizir Khan after their visit.



**Achievement against training program
conducted during FY 2008 is shown below**

Sl. No.	Name of Training Center/Academy	No. of Course	Total No. of Trainees
1.	Engineering Academy, Kaptai	27	309
2.	Regional Training Centre, Tongi	43	629
3.	Regional Training Centre, Chittagong	49	849
4.	Regional Training Centre, Rajshahi	48	530
5.	Ghorasal Training Centre, Narsingdi	58	793
6.	Directorate of Training & Career Development, Dhaka. (Computer Training)	21	313
7.	Training in Abroad	50	132
8.	Seminar / Workshop	14	351
	Total	310	3906



A training programme in Regional Training Centre (RTC), Chittagong.



Chapter 6



ACCOUNTS, FINANCE AND AUDIT



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) and at the first time in 2007-08 purchase from Rental to meet the growing demand. Electricity generation of BPDB during the financial year 2007-2008 was 11,864.71 MkWh, electricity purchase from IPP was 12,396.03 MkWh and purchase from Rental was 54.15 MkWh totaling 24,314.89 MkWh

compared to 22,783.09 MkWh (own Generation 11,299.70 MkWh +IPP 11483.39 MkWh) of FY 2006-2007. This shows a increase over the previous year's own generation by 565.007 MkWh, purchase from IPP increase by 912.638 MkWh and purchase from Rental by 54.15 MkWh respectively. The energy sale during 2007-2008 was 22622.040 MkWh compared to 21,181.370 MkWh of the preceding year. Sales units increased 6.80% over the preceding financial year. System Loss is 6.75% compared to 7.03% of the previous year. This indicates that a decrease of system loss by 0.28% over the preceding year. Table-A shows a complete picture of the above information.

Table-A

Figures in Million KWH

Particulars	2007-08		2006-07		Increase/D ecrease
	MkWh	(%)	MkWh	(%)	
Total	24,314.89	100	22,783.09	100.00	6.72 %
i. BPDB's Generation	11,864.71	48.80%	11,299.70	49.60%	5.00%
ii. Purchase from IPP	12,396.03	50.98%	11,483.39	50.40%	7.95%
iii. Purchase from Rental	54.15	0.22%	-	-	100%

Table-A shows that own generation has increased by 5.00% whereas the purchase of electricity through IPP has increased by 7.95% compare to the year 2006-2007. Increasing of electricity purchase from IPP, Considering the

fixed cost of own generation remain unchanged make the liquidity position more worsen than the previous year. Chart-1 shows the comparative generation picture of "BPDB's" with "IPP" & Rental.

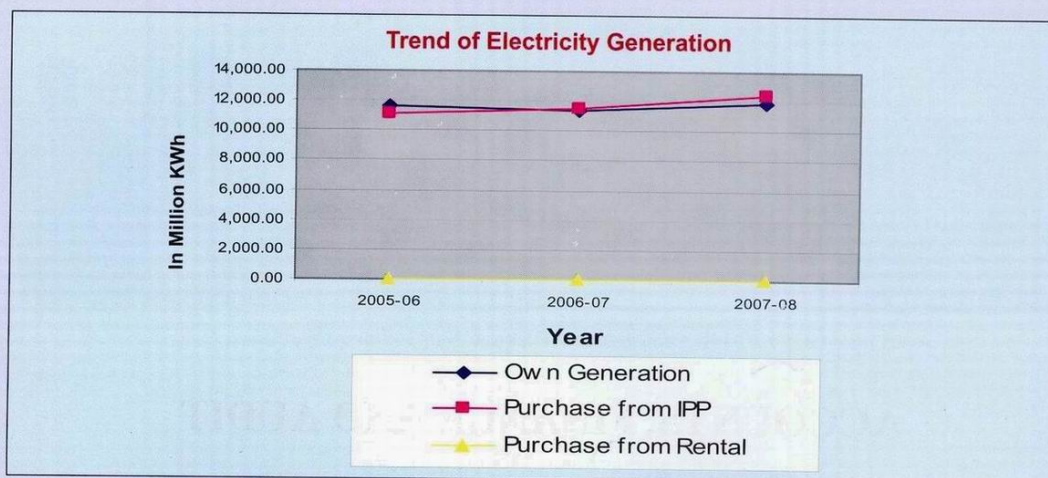


Chart-1



During the financial year 2007-2008 sales to DESA, DESCO, WZPDCL & WZPDCL (REB) amounted to Taka 1099.76 Crores, 556.17 Crores, 297.18 Crores and 334.17 Crores respectively against which amount collected was 1160.00 Crores, 552.39 Crores, 328.29

Crores and 222.04 Crores which is only 105.48%, 99.32%, 110.47% & 66.45% of billed amount respectively. A comparison of the energy sale and operating expenses for FY 2007-2008 and 2006-2007 is shown below:

Table-B

Figures in Crore Taka

Sl. No.	Head of Accounts	2007-2008	2006-2007	Percentage increase/Decrease (%)
1	Operating Revenue :	5,594.34	4,958.33	12.83
	From Sale of Electricity	5392.72	4798.57	12.38
	Other Operating Revenue	201.62	159.76	26.20
2	Operating Expenses :	6251.00	5636.65	10.90
i	Fuel Cost	1695.34	1675.98	1.15
ii	Cost of electricity purchase from IPP	2787.18	2516.60	10.75
iii	Electricity purchase from RENTAL	30.90	-	100
iv	Generation Expenses (Excluding fuel cost & IPP)	849.21	764.04	11.15
v	Wheeling Charge to PGCB	127.36	121.55	4.77
vi	Distribution Expenses	635.49	435.05	46.08
vii	Customers Expenses	32.97	27.02	22.02
viii	General & Administrative Expenses	92.55	96.40	(3.99)
3	Operating Loss/Profit = (1-2)	(656.66)	(678.32)	(3.19)

Table-B shows that sale of electricity has been increased by 12.38% over the year 2006-07. From the above table it is seen that the cost of fuel for generation has increased by 1.15%. The total operating expenses has increased by 10.90%, whereas sale of electricity increased by 12.38% over previous years.

Thus during the financial year 2007-2008, the share of fuel cost & purchase from IPP over total operating cost stood at 27.12% & 44.59% compared to at 29.73% & 44.65% respectively of the preceding year. Transmission cost percentage to total Operating expenses is 2.04% for the year 2007-08, which was 2.16% in the year 2006-07. Distribution Expenses to operating expenses is 10.17% for the year 2007-08, which was 7.72% in the year 2006-07. Chart-3 also shows the share of each component to total operating expenses. Operating Loss for the year 2007-08 is -11.74% to total operating revenue, which was -13.68% in the preceding year.

Category wise Expense

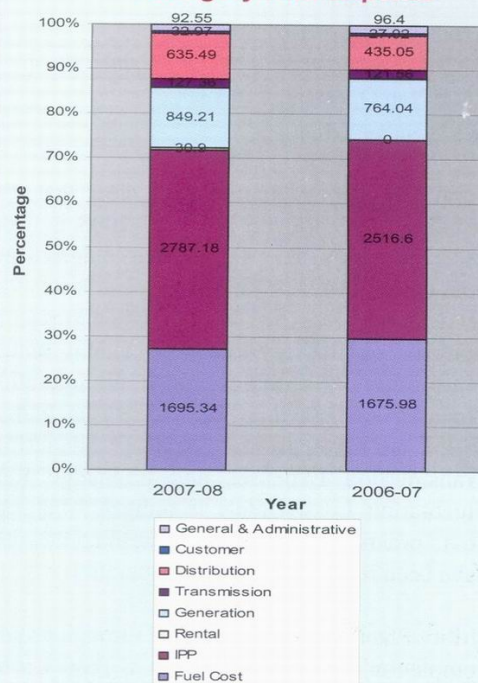


Chart-2



**The Statement of Actual Income and Expenses
compared to the revised budget of FY 2007-2008 is given below:**

FIGURE IN CRORE TAKA

Head of Accounts	Budget	Actual	Performance
	FY 2007-08	FY 2007-2008	%
OPERATING REVENUE			
Electricity Sales	5434.39	5392.72	99.23%
Other Operating Revenue	96.29	201.62	209.39%
Total Operating Revenue	5530.68	5594.34	101.15%
Operating Expenses :			
Fuel Cost	1890.93	1695.34	89.66%
Depreciation	669.69	721.47	107.73%
Repairs & Maintenance	267.40	224.29	83.88%
Electricity purchase from IPP	3040.99	2787.18	91.65%
Wheeling Charges to PGCB	120.28	127.36	105.88%
Other Operating Expenses	577.68	562.82	97.43%
Sales & Distribution Expenses	42.11	40.00	95.00%
Administrative Expenses	99.89	92.54	92.64%
Total Operating Expenses	6708.97	6251.00	93.17%
Operating Income/(Loss)	(1178.29)	(656.66)	55.73%
Non-Operating Expenses :			
Interest on Loans	234.05	222.29	94.98%
Assets Insurance Provision	1.50	1.50	100.00%
Exchange Rate Fluctuation Loss/(Gain)	10.69	101.68	951.88%
Total Non Operating Expenses	246.24	325.47	132.18%
Net Income/(Loss)	(1424.53)	(982.13)	68.94%

From the above statement it is clear that, the actual net loss for the FY 2007-2008 is Taka 982.13 Crores against the revised budgeted net Loss of Taka 1424.53 Crores. This indicates that net loss decreases by Taka 442.40 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, Transmission Expenses and Exchange Rate Fluctuation Loss/(Gain). 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 870.86 Crores has been transferred to Fixed assets during the

FY 2007-2008. 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 2007-2008 was against foreign and Govt. Loans are Taka 454.99 Crores and 218.52 Crores respectively. Payment of DSL to Govt. during the year under review amounted to Taka 273.34 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.

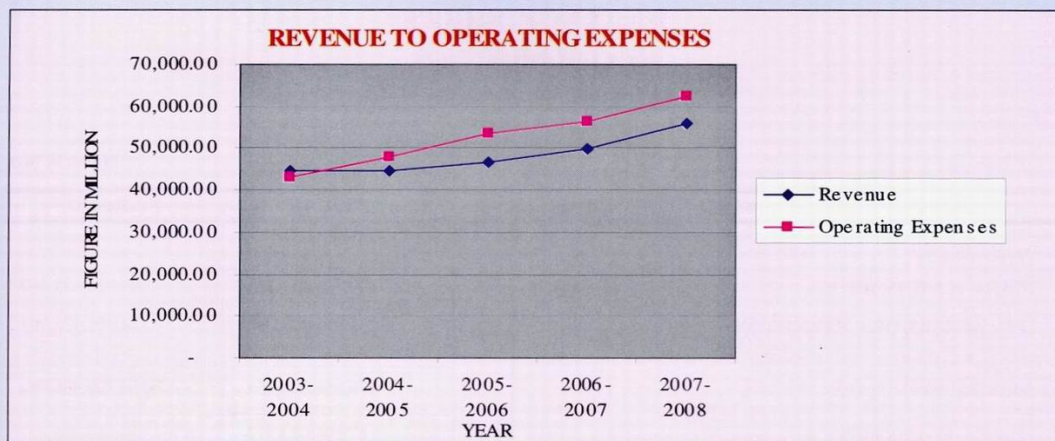


Chart-3

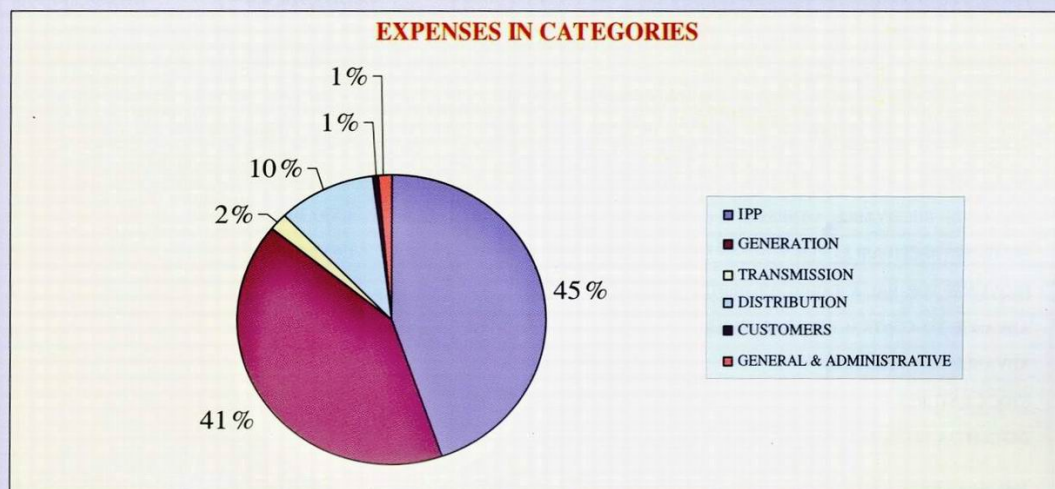


Chart-4

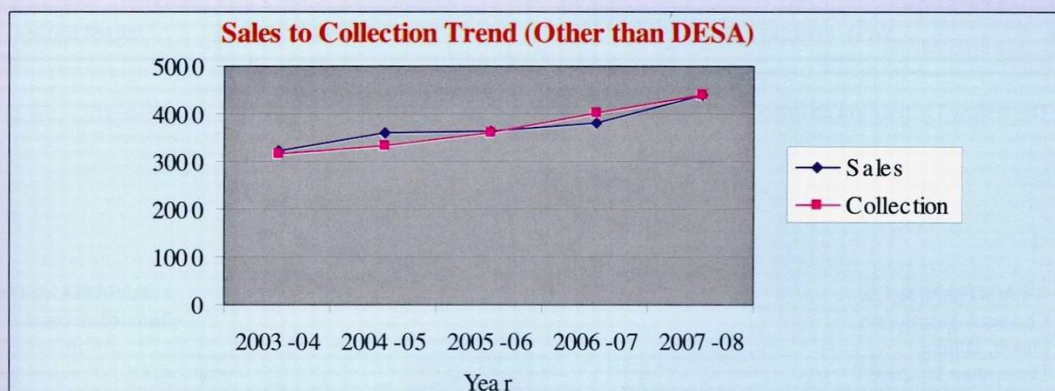


Chart-5

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



BALANCE SHEET AS AT JUNE 30, 2008

Figures In Taka.

PROPERTY & ASSETS	NOTE	FY-2007-08	FY-2006-07
FIXED ASSETS			
UTILITY PLANT IN SERVICE	3	302,773,263,722	293,022,635,495
LESS : ACCUMULATED DEPRECIATION	4	131,916,417,668	124,701,728,711
WRITTEN DOWN VALUE	5	170,856,846,054	168,320,906,784
PROJECT - IN - PROGRESS	6	17,596,072,312	18,367,308,187
TOTAL FIXED ASSETS		188,452,918,366	186,688,214,971
INVESTMENT	7	17,545,647,272	14,501,625,139
CURRENT ASSETS			
CASH IN HAND & AT BANK	8	18,817,113,082	16,566,969,724
ACCOUNTS RECEIVABLE - TRADE	9	44,959,148,219	45,714,942,329
ACCOUNTS RECEIVABLE - OTHERS	10	8,530,362,112	5,728,339,135
ACCOUNTS RECEIVABLE - REB	10.01	1,632,443,764	1,645,343,764
PROVISION FOR BAD & DOUBTFUL DEBTS	11	(489,851,875)	(532,031,551)
ADVANCE TO CONTRACTORS & SUPPLIERS	12	1,289,010,645	1,036,493,549
ADVANCE TO EMPLOYEES	13	1,296,369,279	1,133,191,775
STOCK & STORES	14	7,683,951,727	7,976,615,762
DEPOSITS & PREPAID EXPENSES	15	267,746,745	224,976,068
TOTAL CURRENT ASSETS		83,986,293,698	79,494,840,554
TOTAL PROPERTY & ASSETS		289,984,859,335	280,684,680,664

The annexed notes form an integral part of the Balance Sheet.

ATA KHAN & Co.
Chartered Accountants
Dated, Dhaka.
December 31, 2008

A. B. SAHA & Co.
Chartered Accountants



BALANCE SHEET AS AT JUNE 30, 2008

Figures In Taka.

CAPITAL & LIABILITIES	NOTE	FY-2007-08	FY-2006-07
AUTHORIZED CAPITAL		100,000,000,000	100,000,000,000
CAPITAL & RESERVE			
PAID UP CAPITAL	16	90,808,695,917	89,322,774,458
NET SURPLUS / (DEFICIT)	17	(94,382,378,807)	(83,832,733,524)
APPRAISAL SURPLUS	18	117,057,871,482	117,057,871,482
GRANTS	19	4,751,494,181	4,547,721,433
DEPOSIT WORK FUND	20	1,183,519,628	1,102,252,742
LIQUIDITY DAMAGE RESERVE	20.01	72,053,500	72,053,500
		119,491,255,901	128,269,940,091
LONG TERM LIABILITIES			
GOVERNMENT LOAN	21	42,040,210,411	33,321,552,522
FOREIGN LOAN	22	23,464,594,787	23,589,184,065
		65,504,805,198	56,910,736,587
MEDIUM TERM LIABILITIES			
SECURITY DEPOSIT (CONSUMERS)	24	2,527,685,935	2,325,015,901
GPF & CPF	25	2,446,033,150	2,213,333,741
GRATUITY & PENSION FUND	26	2,176,907,952	9,298,768
		7,150,627,037	4,547,648,410
CURRENT LIABILITIES			
ACCOUNTS PAYABLE	27	9,052,129,779	11,251,638,822
SECURITY DEPOSIT (CONTRACTORS & SUPPLIERS)	28	541,798,061	466,167,803
ASSETS INSURANCE FUND	30	225,000,000	210,000,000
CURRENT PORTION OF LONG TERM LIABILITIES	31	4,369,996,548	6,245,216,250
DEBT SERVICING LIABILITIES (PRINCIPAL)	33	38,726,747,029	32,242,590,879
REIMBURSABLE PROJECT AID	34	761,757,527	770,732,527
DEBT SERVICING LIABILITIES (INTEREST)	35	39,591,171,210	35,764,808,866
OTHER LIABILITIES	36	202,798,594	213,027,866
		93,471,398,748	87,164,183,013
CLEARING ACCOUNTS	37	4,366,772,451	3,792,172,564
TOTAL CAPITAL & LIABILITIES		289,984,859,335	280,684,680,664

The annexed notes form an integral part of the Balance Sheet.

ATA KHAN & Co.
Chartered Accountants
Dated, Dhaka.
December 31, 2008

A. B. SAHA & Co.
Chartered Accountants



INCOME STATEMENT

Figures In Taka.

PARTICULARS	NOTE	FY-2007-08	FY-2006-07
OPERATING REVENUE			
ENERGY SALES	38	53,927,186,347	47,985,675,052
OTHER OPERATING INCOME	39	2,016,257,211	1,597,631,051
		55,943,443,558	49,583,306,103
OPERATING EXPENSES			
GENERATION EXPENSES	40	25,445,466,098	24,400,205,464
ELECTRICITY PURCHASE FROM IPP	40.01	27,871,775,878	25,166,021,097
ELECTRICITY PURCHASE FROM RENTAL	40.02	309,036,859	-
TRANSMISSION EXPENSES FOR WHEELING CHARGE	41	1,273,602,658	1,215,547,489
DISTRIBUTION EXPENSES	42	6,354,912,785	4,350,541,739
CUSTOMER ACCOUNTS EXPENSES	43	329,777,853	270,179,247
GENERAL & ADMINISTRATIVE EXPENSES	44	925,465,611	963,968,969
		62,510,037,742	56,366,464,004
OPERATING INCOME / (LOSS)		(6,566,594,184)	(6,783,157,901)
PROVISION FOR ASSETS INSURANCE FUND		15,000,000	15,000,000
FINANCING & OTHER CHARGES	45	2,222,900,128	2,149,857,969
NET INCOME/(LOSS) BEFORE CHARGING EXCH. RATE FLUCTUATION		(8,804,494,312)	(8,948,015,870)
LOSS DUE TO EXCHANGE RATE FLUCTUATION	46	(1,016,766,189)	(92,884,259)
NET INCOME / (LOSS) FOR THE YEAR		(9,821,260,501)	(9,040,900,129)
RETAINED EARNINGS			
BALANCE AS AT JULY 01, 2007		(83,832,733,524)	(63,233,908,014)
PREVIOUS YEAR'S ADJUSTMENT	47	(728,384,781)	(11,557,925,382)
NET INCOME / (LOSS) FOR THE YEAR		(9,821,260,501)	(9,040,900,129)
BALANCE AS AT JUNE 30, 2008		(94,382,378,807)	(83,832,733,524)

The annexed notes form an integral part of the Balance Sheet.

ATA KHAN & Co.
Chartered Accountants
Dated, Dhaka.
December 31, 2008

A. B. SAHA & Co.
Chartered Accountants



CASH FLOW STATEMENT

SL. NO.	DESCRIPTION	AMOUNT	AMOUNT	AMOUNT
	CASH FLOW FROM OPERATING ACTIVITIES			
A	Total Receipts from BPDB Customer, REB & Others			
	Operating Revenue Note-38&39	55,943,443,558		
	Accounts Receivable-Trade-Opening-Note-9	45,714,942,329		
	Accounts Receivable-Trade-Closing-Note-9	(44,959,148,219)		
	Accounts Receivable-Others -Opening-Note-10	5,728,339,135		
	Accounts Receivable-Others -Closing-Note-10	(8,530,362,112)		
	Provision for Bad Debt-Opening-Note-11	(532,031,551)		
	Provision for Bad Debt-Closing-Note-11	489,851,875		
			53,855,035,014	
B	Less Total Payment for Operating Expenses & Others			
	Operating Expenses net of Depreciation*01	55,295,348,785		
	Previous Year's Adjustments-Note-47	(728,384,781)		
	Interest Charges- Sh-45 (Code-675)	194,553,842		
	Liquidity Reserve-Opening- Note-20.01	72,053,500		
	Liquidity Reserve-Closing - Note-20.01	(72,053,500)		
	Accounts Payable-Opening -Note-27	11,251,638,822		
	Accounts Payable-Closing- Note-27	(9,052,129,779)		
	Adjustment for Accounts Payable -PGCB *02	-		
	Security Deposit Contractor's-Opening -Note-28	466,167,803		
	Security Deposit Contractor's-Closing- Note-28	(541,798,061)		
	Other Liabilities-Opening-Note-36	213,027,866		
	Other Liabilities-Closing-Note-36	(202,798,594)		
	Advance to Contractors-Opening - Note-12	(1,036,493,549)		
	Advance to Contractors-Closing - Note-12	1,289,010,645		
	Advance to Employees-Opening- Note-13	(1,133,191,775)		
	Advance to Employees-Closing- Note-13	1,296,369,279		
	Stock & Stores-Opening- Note-14	(7,976,615,762)		
	Stock & Stores-Closing- Note-14	7,683,951,727		
	Adjustment against DSL*03	-		
	Clearing Account-Opening- Note-37	3,792,172,564		
	Clearing Account-Closing- Note-37	(4,366,772,451)		
	Deposits & Prepaid-Opening- Note-15	(224,976,068)		
	Deposits & Prepaid-Closing -Note-15	267,746,745		
			56,486,827,256	
C	Reimbursable Project Aid-Refunded-Sh-34		13,475,000	
D	Debt Service Liabilities-Interest Payment -Sh-35		638,405,212	
E	NET CASH OUTFLOW FROM OPERATING ACTIVITIES (A-B-C-D)			(3,283,672,454)
	CASH FLOW FROM INVESTING ACTIVITIES:			
	Consumers Security Deposit -Note-24 (Closing-Opening)	202,670,034		
	Capital Expenditure-UPIS- Sh-3	(937,022,050)		
	Capital Expenditure-PIP*06(Net Cash)	(7,309,187,749)		
	Employees Contribution to GPF, CPF & Pension Fund-Note-26&25(Closing-Opening)	2,400,308,593		
	Encashment of FDR-Sh-07	320,774,386		
	Investment in FDR-Sh-07 (Except Interest)	(3,364,796,519)		
F	NET CASH IN FLOW FROM INVESTING ACTIVITIES			(8,687,253,305)
	CASH FLOW FROM FINANCING ACTIVITIES:			
	Capital Contribution -Note-16 (Closing-Opening)	1,485,921,459		
	Grant-Note-19 (Closing- Opening)	203,772,748		
	Govt. Loan- Sh-21 (Loan Drawn during the Year)	7,079,945,256		
	Foreign Loan- Sh-22.Loan wise(Loan Drawn during the Year)	1,283,222,314		
	Deposit Work Fund -Note-20 (Closing- Opening)	81,266,886		
	DSL (Principal due) PGCB, APSCL & WZPDC (Except Cash) A/R Other	4,215,328,423		
	DSL (Interest) PGCB, APSCL & WZPDC (Except Cash) A/R Other	27,69,705,059		
	Repayment of Foreign Loan-Sh-33	(2,698,093,028)		
	Repayment of Govt. Loan-Sh-33	(200,000,000)		
	Refund of Govt. Loan			
G	NET CASH INFLOW FROM FINANCING ACTIVITIES			14,221,069,117
H	NET CASH OUTFLOW (E+F+G)			2,250,143,358
I	OPENING CASH IN HAND			16,566,969,724
J	CLOSING CASH IN HAND(G+H)			18,817,113,082



COMPARATIVE INCOME STATEMENT FOR THE FY 2007-2008 & 2006-2007

PARTICULARS	Actual FY 2007-2008	Actual FY 2006-2007	Increase/ Decrease	Favorable/ Adverse
OPERATING REVENUE				
Electricity Sales	53,927,186,347	47,985,675,052	12.38%	F
Other Operating Income	2,016,257,211	1,597,631,051	26.20%	F
Total Operating Revenue	55,943,443,558	49,583,306,103	12.83%	F
OPERATING EXPENSES				
Fuel Cost	16,953,417,395	16,759,974,699	1.15%	A
Electricity Purchase From IPP	28,180,812,737	25,166,021,097	11.98%	A
Depreciation	7,214,688,957	6,676,641,518	8.06%	A
Repair & Maintenance	2,242,912,808	2,452,863,560	-8.56%	F
Personnel Expenses	5,722,796,858	3,263,463,434	75.36%	A
Office and Administrative Expenses	921,806,329	831,952,208	10.80%	A
Transmission charge paid to PGCB	1,273,602,658	1,215,547,489	4.78%	A
Total Operating Expenses	62,510,037,742	56,366,464,004	10.90%	A
Operating Income / (Loss)	(6,566,594,184)	(6,783,157,901)	(3.19%)	F
Non - Operating Expenses				
Assets Insurance Fund	15,000,000	15,000,000	0.00%	
Interest on Loans	2,222,900,128	2,149,857,969	3.40%	A
Loss due to Exchange Rate Fluctuation	1,016,766,189	92,884,259	994.66%	A
Net Non-Operating Expenses	3,254,666,317	2,257,742,228	44.16%	A
Net Income / (Loss)	(9,821,260,501)	(9,040,900,129)	8.63 %	A

BUDGET COMPARISON STATEMENT FOR 2007-2008

PARTICULARS	Budget FY 2007-2008	Actual FY 2007-2008	Performance Over Budget	Favorable/ Adverse
OPERATING REVENUE				
Electricity Sales	54,343,820,000	53,927,186,347	99.23%	A
Other Operating Income	962,932,000	2,016,257,211	209.39%	F
Total Operating Revenue	55,306,752,000	55,943,443,558	101.15%	F
OPERATING EXPENSES				
Fuel Cost	18,909,312,000	16,953,417,395	89.66%	F
Depreciation	6,696,908,940	7,214,688,957	107.73%	A
Repair & Maintenance	2,674,000,000	2,242,912,808	83.88%	F
Electricity Purchase From IPP	30,409,895,000	28,180,812,737	92.67%	F
Wheeling Charges to PGCB	1,202,840,200	1,273,602,658	105.88%	A
Other Operating Expenses	5,776,775,000	5,319,135,326	92.08%	F
Sales & Distribution Expenses	421,055,000	400,002,250	95.00%	F
Administration Expenses	998,945,000	925,465,611	92.64%	F
Total Operating Expenses	67,089,731,140	62,510,037,742	93.17%	F
Operating Income / (Loss)	(11,782,979,140)	(6,566,594,184)	55.73%	F
Non - Operating Expenses				
Assets Insurance Fund	15,000,000	15,000,000	100.00%	
Interest on Loans	2,340,489,984	2,222,900,128	94.98%	F
Loss from Exchange Rate Fluctuation	106,816,898	1,016,766,189	951.88%	A
Total Non Operating Expenses	2,462,306,882	3,254,666,317	132.18%	A
Net Income / (Loss)	(14,245,286,022)	(9,821,260,501)	68.94 %	F



COMPARISON OF REVENUE AND EXPENSES WITH LAST YEAR

PARTICULARS	Actual FY 2007-2008	Actual FY 2006-2007	Increase/ Decrease	Favorable/ Adverse
OPERATING REVENUE				
ENERGY SALES	53,927,186,347	47,985,675,052	12.38%	F
OTHER OPERATING INCOME	2,016,257,211	1,597,631,051	26.20%	F
	55,943,443,558	49,583,306,103	12.83%	F
OPERATING EXPENSES				
GENERATION EXPENSES	25,445,466,098	24,400,205,464	4.28%	A
ELECTRICITY PURCHASE FROM IPP	28,180,812,737	25,166,021,097	11.98%	A
TRANSMISSION EXPENSES	1,273,602,658	1,215,547,489	4.78%	A
DISTRIBUTION EXPENSES	6,354,912,785	4,350,541,739	46.07%	A
CUSTOMER ACCOUNTS EXPENSES	329,777,853	270,179,247	22.06%	A
GENERAL & ADMINISTRATIVE EXPENSES	925,465,611	963,968,969	(3.99%)	F
	62,510,037,742	56,366,464,004	10.90%	A
OPERATING INCOME / (LOSS)	(6,566,594,184)	(6,783,157,901)	(3.19%)	F
PROVISION FOR ASSETS INSURANCE FUND	15,000,000	15,000,000	0.00%	
FINANCING & OTHER CHARGES	2,222,900,128	2,149,857,969	3.40%	A
NET INCOME/ (LOSS) BEFORE CHARGING ERF LOSS/ GAIN	(8,804,494,312)	(8,948,015,870)	(1.06%)	F
LOSS DUE TO EXCHANGE RATE FLUCTUATION	(1,016,766,189)	(92,884,259)	994.66%	A
NET INCOME/ (LOSS) FOR THE YEAR	(9,821,260,501)	(9,040,900,129)	8.63%	A

INCOME STATEMENT AND BALANCE SHEET RATIOS

	2007-2008	2006-2007
INCOME STATEMENT RATIOS		
1. Rate of Return (Operating Income / Operating Avg. Fixed Assets)	(3.87%)	(5.17%)
2. Operating Income Ratio (Operating Income / Total Operating Revenue)	(11.74%)	(13.68%)
3. Ratio of Operating Expenses to Total Operating Revenue	111.74%	113.68%
4. Ratio of Fuel Expenses over total Operating Expenses	27.12%	29.73%
5. Ratio of Depreciation over Total Operating Expenses	11.54%	11.85%
6. Ratio of Depreciation and Fuel expenses to operating expenses	38.66%	41.58%
7. Ratio of operating cash expenses over cash collection	103.99%	117.00%
BALANCE SHEET RATIOS		
8. Current Ratios (Current Assets / Current Liabilities)	.90:1	.92:1
9. Quick Ratio (Quick Assets / Current Liabilities)	.82:1	.83:1
10. Debt/Equity Ratio	.39:.61	.48:.52



Fixed Assets Schedule 2007-2008

Taka 170,856,846,054

PARTICULARS	ASSETS (COST & REVALUED)				DEPRECIATION							Written Down Value
	Opening Balance	Addition	Adjustment for Valuation	Closing Balance	Opening Balance	On Opening Assets	On Addition	Addition for	Total	Adjustment for	Grand Total	
1	2	3	4	5=(2+3-4)	6	7 on column 2	8 on column 3	9	10=(7+8+9)	11	12=(6+10+11)	13
GENERATION :												
LAND	3,056,681,600	-	-	3,056,681,600	-	-	-	-	-	-	-	3,056,681,600
BUILDING	11,535,745,902	22,831,602	-	11,558,577,504	6,824,539,512	369,143,869	365,306	-	369,509,175	-	7,194,048,686	4,364,528,818
PLANT & MACHINERY	144,228,457,117	724,716,398	-	144,953,173,515	65,446,644,469	4,615,310,628	11,595,462	-	4,626,906,090	-	70,073,550,559	74,879,622,956
VEHICLES	407,601,270	-	-	407,601,270	407,601,270	-	-	-	-	-	407,601,270	85,501,690
FURNITURE	174,749,827	7,032,434	-	181,782,261	90,576,057	5,591,994	112,519	-	5,704,513	-	96,280,571	-
Sub - Total	159,403,235,716	754,580,434	-	160,157,816,150	72,769,361,309	4,990,046,491	12,073,287	-	5,002,119,778	-	77,771,481,086	82,386,335,064
TRANSMISSION :												
LAND	2,707,854,761	-	-	2,707,854,761	-	-	-	-	-	-	-	2,707,854,761
BUILDING	1,987,901,655	-	-	1,987,901,655	967,737,499	-	-	-	-	-	967,737,499	1,020,164,156
PLANT & MACHINERY	52,482,597,905	167,426,295	-	52,650,024,201	19,723,518,560	-	-	-	-	-	19,723,518,560	32,926,505,641
VEHICLES	69,548,764	-	-	69,548,764	44,171,730	-	-	-	-	-	44,171,730	25,377,033
FURNITURE	113,372,852	-	-	113,372,852	54,055,399	-	-	-	-	-	54,055,399	59,317,453
Sub - Total	57,361,275,937	167,426,295	-	57,528,702,233	20,789,483,189	-	-	-	-	-	20,789,483,189	36,739,219,044
DISTRIBUTION :												
LAND	8,676,059,215	-	-	8,676,059,215	-	-	-	-	-	-	-	8,676,059,215
BUILDING	4,851,669,124	156,754,763	-	5,008,423,887	2,875,258,229	155,253,412	2,508,076	-	157,761,488	-	3,033,019,718	1,975,404,170
PLANT & MACHINERY	55,798,711,211	8,532,592,193	-	64,331,303,404	26,661,076,284	1,785,558,759	136,521,475	-	1,922,080,234	-	28,583,156,518	35,748,146,886
VEHICLES	386,403,058	-	-	386,403,058	349,865,289	34,776,275	-	-	34,776,275	-	384,641,564	1,761,494
FURNITURE	247,882,821	22,721,857	-	270,604,678	94,082,714	7,932,250	363,550	-	8,295,800	-	102,378,514	168,226,163
Sub - Total	69,960,725,429	8,712,068,813	-	78,672,794,242	29,980,282,517	1,983,520,696	139,393,101	-	2,122,913,797	-	32,103,196,314	46,569,597,928
GENERAL :												
COMPUTER	100,341,700	-	-	100,341,700	70,108,371	3,210,934	-	-	3,210,934	-	73,319,305	27,022,395
VEHICLES	308,171,720	-	-	308,171,720	308,171,720	-	-	-	-	-	308,171,720	-
PLANT & MACHINERY	1,290,626,757	56,982,879	-	1,347,609,636	38,973,250	41,300,056	911,726	-	42,211,782	-	81,185,032	1,266,424,604
BUILDING	1,164,450,333	53,121,728	-	1,217,572,061	682,665,993	37,262,411	849,948	-	38,112,358	-	720,778,351	496,793,710
FURNITURE	188,035,552	6,448,077	-	194,483,629	62,682,363	6,017,138	103,169	-	6,120,307	-	68,802,669	125,680,960
LAND	3,245,772,350	-	-	3,245,772,350	-	-	-	-	-	-	-	3,245,772,350
Sub - Total	6,297,398,413	116,552,684	-	6,413,951,097	1,162,601,697	87,790,539	1,864,843	-	89,655,382	-	1,252,257,078	5,161,694,018
GRAND TOTAL	293,022,635,495	9,750,628,227	-	302,773,263,722	124,701,728,711	7,061,357,726	153,331,231	-	7,214,688,957	-	131,916,417,668	170,856,846,054



TQM presentation by QC Circle of Directorate of Personnel and Printing Press of Directorate of Public Relations in regional QC circle competition.



Consolidated Schedule of Expenses

Head of Accounts	Generation Expenses	Transmission Expenses	Distribution Expenses	Customers Accounts Expenses	General & Administrative Expenses	Total 2007-08	Total 2006-07
Fuel Con	16,953,417,395	-	-	-	-	16,953,417,395	16,759,974,699
Personnel	1,703,651,288	-	3,222,943,819	184,211,074	611,990,677	5,722,796,858	3,263,463,434
Office &	459,114,039	-	270,946,918	71,527,832	120,217,540	921,806,329	831,952,208
Repairs &	1,327,163,598	-	738,108,251	74,038,948	103,588,300	2,242,912,808	2,452,863,560
Deprecia	5,002,119,778	-	2,122,913,797	-	89,655,382	7,214,688,957	6,676,641,518
bad debts	-	-	-	-	-	-	-
Transmis	-	1,273,602,658	-	-	-	1,273,602,658	1,215,547,489
Electricity	28,180,812,737	-	-	-	-	28,180,812,737	25,166,021,097
Provision	-	-	-	-	-	15,000,000	15,000,000
Total	53,626,278,835	1,273,602,658	6,354,912,785	329,777,853	925,465,611	62,525,037,742	56,381,464,004

Schedule of Personnel Expenses

Code No.	Head of Accounts	Generation Expenses	Transmission Expenses	Distribution Expenses	Customers Accounts Expenses	Total General & Administrative Expenses	Total Expenses 2007-08	Total Expenses 2006-07
0.20	Pay of Officers	113,755,153	-	82,654,962	14,463,960	88,676,439	299,550,513	306,700,784
0.21	Pay of Staff	206,169,294	-	287,654,871	33,514,210	105,535,940	632,874,315	641,400,819
0.22	Allowances of Officers	62,917,795	-	35,710,332	7,170,290	39,694,904	145,493,321	149,011,649
0.23	Allowances of Staff	140,541,844	-	170,614,271	20,801,165	60,193,958	392,151,237	400,826,546
0.24	Leave Encasement	17,302,155	-	18,301,770	2,567,235	9,610,015	47,781,176	100,341,049
0.25	Overtime Allowances (Single Rate)	32,415,062	-	43,669,680	4,788,707	16,258,706	97,132,154	96,529,214
25a	Overtime Allowances (Double Rate)	160,262,679	-	154,681,830	16,269,041	33,809,446	365,022,996	391,669,726
0.28		-	-	-	-	-	-	56,632
0.29	Medical Expenses	767,336	-	225,832	27,586	406,483	1,427,236	2,385,321
0.31	Bonus for officers	19,201,031	-	13,899,733	2,689,244	16,395,412	52,185,420	50,545,234
31a	Bonus for Staff	36,454,312	-	47,461,548	5,568,657	18,135,387	107,619,904	104,085,084
35b	Employees Electricity Rebate	25,062,375	-	36,468,924	4,345,544	11,993,392	77,870,234	91,088,115
0.50	Workmen Compensation	-	-	26,934	-	-	26,934	27,018
0.51	Gratuity	41,350	-	-	-	-	41,350	1,105,690
0.53	Income Tax of Officers & Staff	7,012,948	-	784,609	287,151	2,809,820	10,894,528	10,719,651
0.55	Employees other Benefit & Welfare Expenses	2,065,137	-	942,210	94,000	3,901,531	7,002,878	4,036,040
0.56	Board's Contribution to CPF	3,436,409	-	4,302,739	459,317	-	8,198,466	8,147,591
0.57	Board's Contribution to pension Fund	711,811,807	-	2,207,238,870	53,439,704	121,415,140	3,093,905,521	535,846,498
0.58	Leave Encasement on Retirement	11,966,435	-	15,406,072	2,284,618	11,789,007	41,446,132	41,230,589
0.59	L. Salary & Pension Cont. for Trans. Govt. En	-	-	-	-	-	-	-
0.63	Honorarium	55,195,383	-	20,143,999	6,616,309	27,254,117	109,209,807	115,030,034
0.63a	Honorarium	26,751,964	-	7,625,617	369,977	4,101,781	38,849,339	24,950,868
0.66	Wages for Hired Labour	62,679,719	-	73,205,955	8,454,359	39,417,790	183,757,822	165,776,956
0.67	Interest on GPF/CPF1	7,841,101	-	1,923,063	-	591,409	10,355,573	21,951,327
	Total Personnel Expenses	1,703,651,288	-	3,222,943,819	184,211,074	611,990,677	5,722,796,858	3,263,463,434



Schedule of Office & Other Expenses

Code No.	Head of Accounts	Generation Expenses	Transmission Expenses	Distribution Expenses	Customers Accounts Expenses	Total General & Administrative Expenses	Total Expenses 2007-2008	Total Expenses 2006-2007
0.26	Traveling Expenses/Allowances (For Official)	12,977,904	-	28,664,566	3,983,262	13,664,877	59,290,609	61,453,508
.26a	Traveling Expenses (For Training)	268,863	-	83,103	90,258	487,231	929,455	553,022
0.27	Conveyance Charge	400,746	-	3,671,221	745,175	1,616,904	6,434,046	8,782,119
.29a	Washing Expenses	64,688	-	119,616	4,185	130,921	319,410	518,477
0.30	Representation & Entertainment	267,143	-	-	9,043	589,864	866,050	1,195,529
0.32	Stationary & Printing	5,470,585	-	30,761,472	2,953,692	20,280,461	59,466,209	64,100,466
0.33	Taxes, License & Fees	15,629,281	-	11,761,903	2,912,741	9,611,609	39,915,535	42,037,116
0.34	Office Rent	3,943	-	3,931,096	871,218	1,806,813	6,613,070	14,384,461
0.35	Water Charges	5,745,350	-	1,184,646	1,876,867	4,306,368	13,113,230	13,926,984
.35a	Electric Charges (Own Use)	69,593,891	-	81,876,442	3,941,686	15,767,958	171,179,977	149,426,312
0.36	Uniforms & Liveries	4,305,784	-	6,202,094	823,549	1,339,617	12,671,044	9,552,710
0.37	Post & Telegram	301,181	-	319,998	107,292	1,145,133	1,873,604	2,086,779
.37a	Telephone, Telex & Fax	3,050,605	-	11,309,700	2,114,556	8,955,906	25,430,767	24,585,722
37b		162,601	-	-	-	-	162,601	-
0.38	Advertising & Promotion	9,336,276	-	13,015,527	388,571	13,784,635	36,525,009	38,652,072
0.39	Audit Fee	95,000	-	1,490	12,265,575	1,357,750	13,719,815	19,380,962
.39a	Legal Expenses (Lawyer's Fees & Court Fee)	25,895	-	1,288,312	730,941	1,607,562	3,652,710	4,645,123
0.40	Books & Periodicals	487,698	-	334,206	61,180	711,363	1,594,448	1,563,731
0.45	Custom Duties & Sale Tax	124,327,131	-	24,637,704	-	-	148,964,834	114,452,833
.45a	Vat	155,826,462	-	19,691,142	-	-	175,517,604	132,241,205
0.52	Donation & Contributions	644,660	-	123,361	-	239,220	1,007,241	897,157
0.54	Training & Education	165,762	-	74,890	40,620	4,408,514	4,689,786	9,538,322
0.61	Bank Charge & Commission	49,955,117	-	31,890,879	37,605,560	6,525,288	125,976,844	117,730,480
0.68	Allocation of Gen. Admn. Exp.	-	-	-	-	100	100	-
0.69	Miscellaneous Expenses	7,474	-	3,552	1,860	11,879,446	11,892,332	247,116
	Total Office & Other Expenses	459,114,039	-	270,946,918	71,527,832	120,217,540	921,806,329	831,952,208

Schedule of Repair & Maintenance

Code No.	Head of Accounts	Generation Expenses	Transmission Expenses	Distribution Expenses	Customers Accounts Expenses	Total General & Administrative Expenses	Total Expenses 2007-2008	Total Expenses 2006-2007
0.42	Petrol/Diesel & Lubricants Used for Transport	21,345,737	-	57,407,889	8,244,144	25,139,160	112,136,931	117,659,458
42(a)		-	-	-	-	-	-	-
0.43	petrol/Diesel & Lubricants Used for Other Eg	32,676,394	-	-	-	-	32,676,394	29,216,220
0.44	Store & Spares Used	933,982,864	-	425,794,839	3,805,856	3,703,900	1,367,287,460	1,374,022,526
0.46	Demurrage & Warfront	2,154,700	-	1,159,935	-	22,854	3,337,489	432,358
0.48	Hire of Equipment	-	-	-	-	-	-	99,160
0.49	Freight & Handling	14,468,107	-	22,422,243	3,488,234	215,068	40,593,652	49,645,537
0.60	Insurance (For Goods & Property)	8,074,331	-	155,494	21,375	1,801,611	10,052,811	10,193,954
60a	Insurance (For Transportation Equipment)	1,685,651	-	1,058,087	271,895	1,766,446	4,782,080	5,701,642
0.64	Contractor's Fees	10,309,031	-	-	-	5,822,641	16,131,672	21,532,584
64a	Contractor's Fees	-	-	-	6,391,859	11,252,041	17,643,900	10,786,883
0.65	Consultants Expenses	190,497,344	-	7,705,428	1,218,795	2,648,809	202,070,376	250,553,082
0.70	Land & Land Rights	-	-	-	-	-	-	-
0.71	Structure & Improvement	18,967,408	-	55,482,957	28,745,073	24,160,495	127,355,934	152,569,980
0.72	Boiler Plant equipment	791,354	-	-	-	-	791,354	8,910,128
0.73	Engine & Engine Driven Generators	6,368,379	-	-	-	-	6,368,379	1,933,200
0.74	Generator	24,506,177	-	29,100	-	-	24,535,277	23,949,320
0.75	Prime Movers	1,315,457	-	-	-	-	1,315,457	1,250,781
0.76	Accessory elect. equipment	1,571,259	-	523,350	-	-	2,094,609	716,377
0.77	Reservoir, Dams & Waterways	305,203	-	-	-	-	305,203	331,149
0.78	Water Wheels and Turbines	-	-	-	-	-	-	-
0.79		10,443	-	-	-	-	10,443	-
0.81	Station Equipment	-	-	-	-	-	-	51,668
0.82	Towers and Fixtures	393,003	-	-	-	-	393,003	-
0.83	Poles & Fixtures	-	-	2,480,904	-	-	2,480,904	3,393,652
0.84	Overhead Conduct & Devices	25,413,995	-	103,482,897	16,600,216	2,191,042	147,688,149	235,340,599
0.85	Underground Conductors	-	-	-	-	-	-	-
0.86	Line Transformers	63,990	-	29,851,698	4,675	-	29,920,363	39,945,366
0.87	Street Lighting and Single Systems	-	-	-	-	-	-	-
0.88	Meters	3,950	-	622,630	-	-	626,580	6,020,574
0.89	Transportation Equipment's	8,448,388	-	24,170,927	3,749,836	21,187,709	57,556,860	61,015,920
0.90	Heavy & Other Power Operated Equipment's	614,604	-	-	-	24,050	638,654	232,544
0.91	Office furniture & Equipment	530,851	-	4,647,220	1,493,289	3,071,530	9,742,890	30,211,530
0.92		7,495	-	24,040	-	-	31,535	45,061
0.93	Tools Shop and Garage Equipments	-	-	392,672	-	324,845	717,517	738,714
0.94	Laboratory Equipment	-	-	-	-	-	-	-
0.95	Store Equipment	22,657,482	-	695,940	-	256,098	23,609,520	11,363,593
0.96	Fire Fighting Equipment	-	-	-	-	-	-	-
0.99	Miscellaneous Equipment	-	-	-	3,700	-	3,700	-
	Total Repair & Maintenance	1,327,163,598	-	738,108,251	74,038,948	103,588,300	2,242,899,096	2,452,863,560



ELECTRICITY PURCHASE FROM IPP

Taka 27,871,775,878

Particulars	2007-2008		2006-2007	
	Unit kWh	Amount In Tk.	Unit kWh	Amount In Tk.
KPCL, Khulna	689,867,100	6,638,267,447	746,581,100	5,791,431,030
NEPC BD. (LTD), Baghabari	676,145,600	2,296,411,620	655,563,100	2,376,376,977
WESTMONT BD. (LTD), Baghabari	511,814,364	1,391,305,835	491,900,800	1,714,424,508
RPC LTD. Mymensingh	1,291,313,211	4,070,864,353	923,025,690	2,711,151,102
AES, Haripur (PVT.) LTD.	2,753,313,500	3,551,491,893	2,536,474,250	3,421,754,040
AES Meghna Ghat BD. LTD.	3,201,094,500	5,390,161,514	2,881,102,800	4,999,298,061
APSCL	3,302,470,750	4,000,166,169	3,238,853,144	4,097,352,411
SBU HARIPUR	-	533,107,047	-	54,232,968
Balance as at June 30,2008	12,426,019,025	27,871,775,878	11,473,500,884	25,166,021,097

ELECTRICITY PURCHASE FROM RENTAL POWER PLANT

Taka 309,036,859

Particulars	2007-2008		2006-2007	
	Unit kWh	Amount In Tk.	Unit kWh	Amount In Tk.
AGGREKO, KHULNA (3YEARS) LIQUID FUEL	20,838,456	266,874,702	-	-
BOGRA 20 MW (15 YEARS) GAS	33,314,000	42,162,157	-	-
	-	-	-	-
	-	-	-	-
Balance as at June 30,2008	54,152,456	309,036,859		



Bakalia 132/33 KV Grid Sub-station constructed under
Greater Chittagong Power Distribution Project.



Statement of Generation Cost Per Unit

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	KARNAPULI HYDRO POWER STATION	230	949,618,160	-	-	7,716,063	7,499,708	15,215,771	109,792,707	23,250,668	133,043,375
2	BAGHABARI POWER STATION	171	893,698,750	838,848,192	0.94	895,674,050	336,808,365	1,232,482,416	28,683,093	7,246,372	35,929,465
3	SIDDIRGONJ POWER STATION (210 MW)	210	954,128,046	809,503,518	0.85	411,066,511	11,510,616	422,577,127	111,621,020	3,242,875	114,863,895
4	GHORASHAL POWER STATION	950	4,112,686,378	3,324,405,564	0.81	3,373,627,412	68,269,680	3,441,897,092	270,950,658	30,778,179	301,728,837
5	CHITTAGONG POWER STATION, RAWZAN	420	1,302,792,840	1,243,894,139	0.95	1,292,327,419	48,192,126	1,340,519,545	75,465,040	8,575,600	84,040,639
6	SHIKALBAHA POWER STATION	60	159,620,639	178,330,246	1.12	192,616,842	25,845,216	218,462,058	56,476,415	6,893,183	63,369,597
7	KUMERGOAN GAS TURBINE POWER STATION	20	104,953,466	108,926,479	1.04	109,187,727	18,332,565	127,520,292	9,545,451	1,013,541	10,558,992
8	FENCHUGANJ 90 MW POWER STATION	90	585,716,190	407,609,131	0.70	410,001,444	14,707,643	424,709,087	22,756,561	2,023,526	24,780,087
9	HARIPUR POWER STATION (100 MW)	100	273,410,700	316,154,430	1.16	389,359,426	6,197,628	395,557,055	29,366,975	2,615,516	31,982,490
10	SHAHJIBAZAR POWER STATION	164	432,353,399	555,357,148	1.28	584,394,738	218,013,111	802,407,849	36,267,215	2,358,079	38,625,294
11	TONGI POWER STATION	80	358,712,923	355,031,697	0.99	385,927,652	1,594,272	387,521,924	24,835,639	2,518,779	27,354,418
12	BARAPUKURIA POWER STATION	250	1,038,114,268	1,940,599,725	1.87	2,089,184,583	3,231,123	2,092,415,706	49,554,206	65,103,896	114,658,102
13	KHULNA POWER STATION	226	390,691,069	2,921,205,188	7.48	2,952,369,555	8,314,353	2,960,683,908	140,468,872	22,541,862	163,010,734
14	BHERAMARA POWER STATION	60	107,368,605	1,798,770,457	16.75	1,803,247,436	7,659,767	1,810,907,203	44,651,399	9,075,774	53,727,173
15	BARISHAL GAS TURBINE POWER STATION	40	83,686,253	1,526,916,946	18.25	1,550,135,985	23,187,541	1,573,323,526	21,052,961	3,320,093	24,373,054
16	SAYEDPUR GAS TURBINE POWER STATION	20	27,067,157	454,100,843	16.78	456,408,368	1,881,267	458,289,635	12,418,259	697,293	13,115,552
17	RANGPUR GAS TURBINE POWER STATION	20	21,969,812	391,251,798	17.81	395,598,962	851,982	396,450,944	11,994,738	1,048,613	13,043,351
18	BARISHAL DIESEL POWER STATION	14.68	2,392,419	54,437,501	22.75	55,877,268	883,047	56,760,315	8,901,059	564,483	9,465,542
19	THAKURGOAN DIESEL GENERATOR	6	1,804,007	17,149,481	9.51	17,663,919	235,042	17,898,961	8,458,627	1,530,726	9,989,353
20	BHOLA DIESEL POWER STATION	8.36	7,648,137	81,730,807	10.69	86,357,280	1,520,652	87,877,932	9,778,231	1,140,620	10,918,851
21	KUTUBDIA DIESEL GENERATOR	1.5	179,024	1,972,712	11.02	2,146,400	114,940	2,261,340	951,270	208,151	1,159,421
22	SANDIP DIESEL GENERATOR	2.64	358,157	4,885,674	13.64	5,274,137	64,437	5,338,574	1,254,744	53,743	1,308,487
23	HATIYA DIESEL GENERATOR	2.2	1,744,940	26,573,461	15.23	26,573,461	-	26,573,461	119,798	-	119,798
Total		3,146	11,810,715,339	17,357,655,137	1.47	17,492,736,638	804,915,080	18,297,651,718	1,085,364,936	195,801,571	1,281,166,507



Statement of Generation Cost Per Unit

Sl. No.	Generating Plant under Power Station.	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	13	14	15	16	17=(13+14+15+16)	18=(12+17)	19=(9+19)	20 = (19/4)	21
1	KARNAFULI HYDRO POWER STATION	354,390,906	16,864,158	34,289,134	59,528,245	465,072,444	598,115,819	613,331,589	0.65	
2	BAGHABARI POWER STATION	263,481,934	71,317,037	37,492,202	56,022,853	428,314,026	464,243,491	1,696,725,907	1.90	
3	SIDDIRGONJ POWER STATION (210 MW)	801,231,613	385,865,462	(11,732,873)	59,810,954	1,235,175,157	1,350,039,052	1,772,616,179	1.86	
4	GHORASHAL POWER STATION	1,463,788,524	82,773,818	-	257,809,943	1,804,372,285	2,106,101,122	5,547,998,213	1.35	
5	CHITTAGONG POWER STATION, RAWZAN	647,148,611	86,339,100	51,744,349	81,667,532	866,899,592	950,940,232	2,291,459,777	1.76	
6	SHIKALBAHA POWER STATION	92,449,802	17,114,887	6,953,633	10,006,060	126,524,382	189,893,980	408,356,038	2.56	
7	KUMERGOAN GAS TURBINE POWER STATION	30,816,601	-	-	6,579,166	37,395,767	47,954,759	175,475,051	1.67	
8	FENCHUGANJ 90 MW POWER STATION	138,674,702	78,451,515	316,903,947	36,716,502	570,746,666	595,526,753	1,020,235,841	1.74	
9	HARIPUR POWER STATION (100 MW)	154,083,003	34,973,861	109,551,764	17,139,162	315,747,789	347,730,279	743,287,334	2.72	
10	SHAHJIBAZAR POWER STATION	252,696,124	60,545,854	84,098,130	27,102,724	424,442,832	463,068,126	1,265,475,975	2.93	
11	TONGI POWER STATION	123,266,402	70,728,196	-	22,486,460	216,481,058	243,835,476	631,357,399	1.76	
12	BARAPUKURIA POWER STATION	462,249,008	522,402,106	7,640,411	65,075,757	1,057,367,282	1,172,025,384	3,264,441,090	3.14	
13	KHULNA POWER STATION	348,227,586	19,268,275	1,992,738	24,491,058	393,979,657	556,990,391	3,517,674,299	9.00	
14	BHERAMARA POWER STATION	92,449,802	-	-	6,730,563	99,180,364	152,907,537	1,963,814,740	18.29	
15	BARISHAL GAS TURBINE POWER STATION	61,633,201	9,850,771	25,378,270	5,245,999	102,108,241	126,481,295	1,699,804,821	20.31	
16	SAYEDPUR GAS TURBINE POWER STATION	30,816,601	-	-	1,696,746	32,513,346	45,628,898	503,918,534	18.62	
17	RANGPUR GAS TURBINE POWER STATION	30,816,601	1,299,937	(2,184,738)	1,377,211	31,309,011	44,352,362	440,803,306	20.06	
18	BARISHAL DIESEL POWER STATION	22,619,385	-	-	149,972	22,769,357	32,234,899	88,995,214	37.20	
19	THAKURGOAN DIESEL GENERATOR	9,244,980	-	-	113,087	9,358,067	19,347,420	37,246,380	20.65	
20	BHOLA DIESEL POWER STATION	12,881,339	101,514	-	479,435	13,462,288	24,381,139	112,259,071	14.68	
21	KUTUBDIA DIESEL GENERATOR	2,311,245	-	-	11,222	2,322,467	3,481,888	5,743,228	32.08	
22	SANDIP DIESEL GENERATOR	4,067,791	-	-	22,452	4,090,243	5,398,730	10,737,304	29.98	
23	HATIYA DIESEL GENERATOR	3,389,826	-	-	109,384	3,499,210	3,619,008	30,192,469	17.30	
Total		5,402,735,585	1,457,896,491	662,126,968	740,372,489	8,263,131,533	9,544,298,040	27,841,949,758	2.36	



Note 40 - GENERATION EXPENSES

Code No.	Head of Accounts	Operation Expenses Code No. 611	Maintenance Expenses Code No. 612	Total Expenses FY 2007-2008	Total Expenses FY 2006-2007
0.20	Pay of Officers	106,320,923	7,434,230	113,755,153	113,049,139
0.21	Pay of Staff	195,586,728	10,582,566	206,169,294	213,039,748
0.22	Allowances of Officers	58,861,152	4,056,643	62,917,795	65,885,952
0.23	Allowances of Staff	134,379,219	6,162,625	140,541,844	148,466,284
0.24	Leave Encashment	14,878,290	2,423,866	17,302,155	31,351,898
0.25	Overtime Allowances (Single Rate)	30,859,590	1,555,471	32,415,062	34,072,404
25a	Overtime Allowances (Double Rate)	153,053,050	7,209,628	160,262,679	182,542,449
0.26	Traveling Expenses/ Allowances(For Official)	12,344,089	633,815	12,977,904	13,497,648
26a	Traveling Expenses (For Training)	268,863	-	268,863	282,743
0.27	Conveyance Charge	368,575	32,171	400,746	2,255,448
0.28	House Rent Expenses	-	-	-	56,122
0.29	Medical Expenses	640,365	126,971	767,336	894,015
29a	Washing Expenses	61,530	3,158	64,688	236,593
0.30	Representation & Entertainment	199,203	67,940	267,143	418,313
0.31	Bonus for Officers	17,059,178	2,141,853	19,201,031	16,829,210
31a	Bonus for Staff	33,101,657	3,352,655	36,454,312	34,330,725
0.32	Stationary & Printing	5,050,026	420,559	5,470,585	7,907,584
0.33	Taxes,Licence & Fees	14,910,311	718,970	15,629,281	16,103,868
0.34	Office Rent	-	3,943	3,943	5,938,148
0.35	Water Charges	5,745,350	-	5,745,350	10,168,459
35a	Electric Charges (Own use)	68,743,846	850,045	69,593,891	55,590,898
35b	Employees Electricity Rebate	24,828,131	234,243	25,062,375	33,462,890
0.36	Uniforms & Liveries	3,974,743	331,041	4,305,784	2,848,656
0.37	Post & Telegram	275,574	25,607	301,181	202,904
37a	Telephone,Telex & Fax	2,789,023	261,582	3,050,605	3,902,566
37b		162,601	-	162,601	-
0.38	Advertising & Promotion	-	9,336,276	9,336,276	10,328,717
0.39	Audit Fee	60,000	35,000	95,000	60,000
39a	Legal Expenses (Lawyer's Fees & Court Fees)	25,895	-	25,895	107,487
0.40	Books & Periodicals	446,208	41,490	487,698	493,436
0.41	Fuel Used for Electricity Generation	16,953,417.395	-	16,953,417.395	16,759,768.071
0.42	Petrol/ Diesel & Lubricants Used for Transport	19,553,897	1,791,840	21,345,737	23,438,250
42(a)		-	-	-	-
0.43	Petrol/ Diesel & Lubricants Used for Other Equipment	32,676,394	-	32,676,394	29,216,220
0.44	Store & Spares Used	130,317,935	803,664,929	933,982,864	923,031,261
0.45	Custom Duties & Sale Tax	79,204,837	45,122,294	124,327,131	78,981,011
45a	Vat	104,415,912	51,410,550	155,826,462	99,562,100
0.46	Demurrage & Warfront	2,154,700	-	2,154,700	4,612,003
0.47	Depreciation	5,002,119.778	-	5,002,119.778	4,695,597.040
0.48	Hire of Equipment	-	-	-	330
0.49	Freight & Handling	2,990,656	11,477,451	14,468,107	9,521,556
0.50	Workmen Compensation	-	-	-	-
0.51	Gratuity	25,000	16,350	41,350	1,060,320
0.52	Donation & Contributions	644,660	-	644,660	550,714
0.53	Income Tax of Officers & Staff	6,429,594	583,354	7,012,948	6,468,694
0.54	Training & Education	147,872	17,890	165,762	241,177
0.55	Employees Other Benefit & Welfare Expenses	1,829,932	235,205	2,065,137	1,768,248
0.56	Board's Contribution to CPF	3,263,926	172,483	3,436,409	3,543,188
0.57	Board's Contribution to Pension Fund	695,059,804	16,752,004	711,811,807	206,114,783
0.58	Leave Encashment on Retirement	11,580,749	385,686	11,966,435	8,677,126
0.59	L. Salary & Pension Cont. for Trans. Govt. Employees	-	-	-	-
0.60	Insurance (For Goods & Property)	323,749	7,750,582	8,074,331	9,167,693
60a	Insurance (For Transportation Equipment)	1,511,745	173,906	1,685,651	1,466,817
0.61	Bank Charge & Commission	48,382,452	1,572,665	49,955,117	42,119,606
0.62	Bad debts	-	-	-	-
0.63	Honorarium	49,712,911	5,482,472	55,195,383	57,209,755
0.63A	Honorarium	26,751,964	-	26,751,964	11,693,740
0.64	Contractor's Fees	6,179,350	4,129,681	10,309,031	19,832,671
.64a	Contractor's Fees	-	-	-	-
0.65	Consultants Expenses	190,490,492	6,852	190,497,344	246,415,696
0.66	Wages for Hired Labour	55,752,070	6,927,649	62,679,719	49,874,237
0.67	Interest on GPF/CPF	6,372,140	1,468,961	7,841,101	17,566,660
0.68	Allocation of Gen. Admn. Exp.	-	-	-	-
0.69	Miscellaneous Expenses	7,474	-	7,474	50,936
0.70	Land & Land Rights	-	-	-	-
0.71	Structure & Improvement	-	18,967,408	18,967,408	29,367,561
0.72	Boiler Plant equipment	44,840	746,514	791,354	8,910,128
0.73	Engine & Engine Driven Generators	-	6,368,379	6,368,379	1,933,200
0.74	Generator	-	24,506,177	24,506,177	23,926,600
0.75	Prime Movers	-	1,315,457	1,315,457	1,250,781
0.76	Accessory elect. equipment	-	1,571,259	1,571,259	716,377
0.77	Reservoir, Dams & Waterways	-	305,203	305,203	331,149
0.78	Water Wheels and Turbines	-	-	-	-
0.79	Roads, Rail Roads & Bridges	-	10,443	10,443	-
0.81	Station Equipment	-	-	-	-
0.82	Towers and Fixtures	-	393,003	393,003	-
0.83	Poles & Fixtures	-	-	-	322
0.84	Overhead Conduct & Devices	-	25,413,995	25,413,995	106,315
0.85	Underground Conductors	-	-	-	-
0.86	Line Transformers	-	63,990	63,990	7,605
0.87	Street Lighting and Signal Systems	-	-	-	-
0.88	Meter	-	3,950	3,950	-
0.89	Transportation Equipment	25,332	8,423,056	8,448,388	9,879,073
0.90	Heavy & Other Power Operated Equipment	-	614,604	614,604	193,250
0.91	Office furniture & Equipment	-	530,851	530,851	770,019
0.92	Communication Equipment	-	7,495	7,495	-
0.93	Tools, Shop and Garage Equipment	-	-	-	19,500
0.94	Laboratory Equipment	-	-	-	-
0.95	Stores Equipment	-	22,657,482	22,657,482	10,519,379
0.96	Fire Fighting Equipment	-	-	-	-
0.99	Miscellaneous Equipment	-	-	-	-
	Transmission Charge to PGCB	-	-	-	-
	Total	24,316,381,680	1,129,084,418	25,445,466,098	24,400,205,464



Note 41 - TRANSMISSION EXPENSES

Code No.	Head of Accounts	Operation Expenses Code No. 621	Maintenance Expenses Code No. 622	Total Expenses FY 2007-2008	Total Expenses FY 2006-2007
0.20	Pay of Officers	-	-	-	-
0.21	Pay of Staff	-	-	-	-
0.22	Allowances of Officers	-	-	-	-
0.23	Allowances of Staff	-	-	-	-
0.24	Leave Encashment	-	-	-	-
0.25	Overtime Allowances (Single Rate)	-	-	-	-
25a	Overtime Allowances (Double Rate)	-	-	-	-
0.26	Traveling Expenses/ Allowances (For Official)	-	-	-	-
26a	Traveling Expenses (For Training)	-	-	-	-
0.27	Conveyance Charge	-	-	-	-
0.28	House Rent Expenses	-	-	-	-
0.29	Medical Expenses	-	-	-	-
29a	Washing Expenses	-	-	-	-
0.30	Representation & Entertainment	-	-	-	-
0.31	Bonus for Officers	-	-	-	-
31a	Bonus for Staff	-	-	-	-
0.32	Stationary & Printing	-	-	-	-
0.33	Taxes, Licence & Fees	-	-	-	-
0.34	Office Rent	-	-	-	-
0.35	Water Charges	-	-	-	-
35a	Electric Charges (Own use)	-	-	-	-
35b	Employees Electricity Rebate	-	-	-	-
0.36	Uniforms & Liveries	-	-	-	-
0.37	Post & Telegram	-	-	-	-
37a	Telephone, Telex & Fax	-	-	-	-
37b		-	-	-	-
0.38	Advertising & Promotion	-	-	-	-
0.39	Audit Fee	-	-	-	-
39a	Legal Expenses (Lawyer's Fees & Court Fees)	-	-	-	-
0.40	Books & Periodicals	-	-	-	-
0.41	Fuel Used for Electricity Generation	-	-	-	-
0.42	Petrol/ Diesel & Lubricants Used for Transport	-	-	-	-
42(a)		-	-	-	-
0.43	Petrol/ Diesel & Lubricants Used for Other Equipment	-	-	-	-
0.44	Store & Spares Used	-	-	-	-
0.45	Custom Duties & Sale Tax	-	-	-	-
45a	Vat	-	-	-	-
0.46	Demurrage & Warfront	-	-	-	-
0.47	Depreciation	-	-	-	-
0.48	Hire of Equipment	-	-	-	-
0.49	Freight & Handling	-	-	-	-
0.50	Workmen Compensation	-	-	-	-
0.51	Gratuity	-	-	-	-
0.52	Donation & Contributions	-	-	-	-
0.53	Income Tax of Officers & Staff	-	-	-	-
0.54	Training & Education	-	-	-	-
0.55	Employees Other Benefits & Welfare Expenses	-	-	-	-
0.56	Board's Contribution to CPF	-	-	-	-
0.57	Board's Contribution to Pension Fund	-	-	-	-
0.58	Leave Encashment on Retirement	-	-	-	-
0.59	1. Salary & Pension Cont. for Trans. Govt. Employees	-	-	-	-
0.60	Insurance (For Goods & Property)	-	-	-	-
60a	Insurance (For Transportation Equipment)	-	-	-	-
0.61	Bank Charge & Commission	-	-	-	-
0.62	Bad debts	-	-	-	-
0.63	Honorarium	-	-	-	-
0.63A	Honorarium	-	-	-	-
0.64	Contractor's Fees	-	-	-	-
64a	Contractor's Fees	-	-	-	-
0.65	Consultants Expenses	-	-	-	-
0.66	Wages for Hired Labour	-	-	-	-
0.67	Interest on GPF/CPF	-	-	-	-
0.68	Allocation of Gen. Admn. Exp.	-	-	-	-
0.69	Miscellaneous Expenses	-	-	-	-
0.70	Land & Land Rights	-	-	-	-
0.71	Structure & Improvement	-	-	-	-
0.72	Boiler Plant equipment	-	-	-	-
0.73	Engine & Engine Driven Generators	-	-	-	-
0.74	Generator	-	-	-	-
0.75	Prime Movers	-	-	-	-
0.76	Accessory elect. equipment	-	-	-	-
0.77	Reservoir, Dam & Waterways	-	-	-	-
0.78	Water Wheels and Turbines	-	-	-	-
0.79	Roads, Rail Roads & Bridges	-	-	-	-
0.81	Station Equipment	-	-	-	-
0.82	Towers and Fixtures	-	-	-	-
0.83	Poles & Fixtures	-	-	-	-
0.84	Overhead Conduct & Devices	-	-	-	-
0.85	Underground Conductors	-	-	-	-
0.86	Line Transformers	-	-	-	-
0.87	Street Lighting and Signal Systems	-	-	-	-
0.88	Meter	-	-	-	-
0.89	Transportation Equipment	-	-	-	-
0.90	Heavy & Other Power Operated Equipment	-	-	-	-
0.91	Office furniture & Equipment	-	-	-	-
0.92	Communication Equipment	-	-	-	-
0.93	Tools, Shop and Garage Equipment	-	-	-	-
0.94	Laboratory Equipment	-	-	-	-
0.95	Stores Equipment	-	-	-	-
0.96	Fire Fighting Equipment	-	-	-	-
0.99	Miscellaneous Equipment	-	-	-	-
	Transmission Charge to PGCB	1,273,602,658	-	1,273,602,658	1,215,547,489
	Total	1,273,602,658	-	1,273,602,658	1,215,547,489



Note 42 - DISTRIBUTION EXPENSES

Code No.	Head of Accounts	Operation Expenses Code No. 631	Maintenance Expenses Code No. 632	Total Expenses FY 2007-2008	Total Expenses FY 2006-2007
0.20	Pay of Officers	82,654,962	-	82,654,962	84,015,147
0.21	Pay of Staff	287,654,871	-	287,654,871	289,212,805
0.22	Allowances of Officers	35,710,332	-	35,710,332	35,914,086
0.23	Allowances of Staff	170,614,271	-	170,614,271	172,948,248
0.24	Leave Encashment	18,301,770	-	18,301,770	43,603,092
0.25	Overtime Allowances (Single Rate)	43,669,680	-	43,669,680	41,249,512
25a	Overtime Allowances (Double Rate)	154,681,830	-	154,681,830	161,535,526
0.26	Traveling Expenses/ Allowances (For Official)	28,664,566	-	28,664,566	30,456,776
26a	Traveling Expenses (For Training)	83,103	-	83,103	90,420
0.27	Conveyance Charge	3,671,221	-	3,671,221	4,048,956
0.28	House Rent Expenses	-	-	-	-
0.29	Medical Expenses	225,832	-	225,832	937,599
29a	Washing Expenses	119,616	-	119,616	108,764
0.30	Representation & Entertainment	-	-	-	-
0.31	Bonus for Officers	13,899,733	-	13,899,733	14,253,662
31a	Bonus for Staff	47,461,548	-	47,461,548	46,992,845
0.32	Stationary & Printing	30,761,472	-	30,761,472	32,846,614
0.33	Taxes, Licence & Fees	11,761,903	-	11,761,903	13,889,827
0.34	Office Rent	3,931,096	-	3,931,096	4,207,798
0.35	Water Charges	1,184,646	-	1,184,646	902,261
35a	Electric Charges (Own use)	81,876,442	-	81,876,442	74,329,044
35b	Employees Electricity Rebate	36,468,924	-	36,468,924	39,982,324
0.36	Uniforms & Liveries	6,202,094	-	6,202,094	5,425,657
0.37	Post & Telegram	319,998	-	319,998	713,956
37a	Telephone, Telex & Fax	11,309,700	-	11,309,700	9,666,875
37b		-	-	-	-
0.38	Advertising & Promotion	1,932,139	11,083,388	13,015,527	13,723,674
0.39	Audit Fee	1,490	-	1,490	163,417
39a	Legal Expenses (Lawyer's Fees & Court Fees)	1,288,312	-	1,288,312	975,407
0.40	Books & Periodicals	334,206	-	334,206	328,095
0.41	Fuel Used for Electricity Generation	-	-	-	76,893
0.42	Petrol/ Diesel & Lubricants Used for Transport	57,407,889	-	57,407,889	56,811,605
42(a)		-	-	-	-
0.43	Petrol/ Diesel & Lubricants Used for Other Equipment	-	-	-	-
0.44	Store & Spares Used	65,812,466	359,982,373	425,794,839	433,288,036
0.45	Custom Duties & Sale Tax	24,453,953	183,751	24,637,704	35,471,822
45a	Vat	19,692,752	298,390	19,991,142	32,679,105
0.46	Demurrage & Warfront	1,159,935	-	1,159,935	814,955
0.47	Depreciation	2,122,913,797	-	2,122,913,797	1,869,999,512
0.48	Hire of Equipment	-	-	-	-
0.49	Freight & Handling	15,170,274	7,251,969	22,422,243	35,837,484
0.50	Workmen Compensation	26,934	-	26,934	3,600
0.51	Gratuity	-	-	-	-
0.52	Donation & Contributions	123,361	-	123,361	108,003
0.53	Income Tax of Officers & Staff	784,609	-	784,609	1,036,330
0.54	Training & Education	74,890	-	74,890	33,771
0.55	Employees Other Benefit & Welfare Expenses	942,210	-	942,210	549,394
0.56	Board's Contribution to CPF	4,302,739	-	4,302,739	4,019,824
0.57	Board's Contribution to Pension Fund	2,207,238,870	-	2,207,238,870	213,842,964
0.58	Leave Encashment on Retirement	15,406,072	-	15,406,072	16,792,244
0.59	L. Salary & Pension Cont. for Trans. Govt. Employees	-	-	-	-
0.60	Insurance (For Goods & Property)	-	155,494	155,494	1,022,991
60a	Insurance (For Transportation Equipment)	1,058,087	-	1,058,087	1,401,552
0.61	Bank Charge & Commission	640,884	31,249,995	31,890,879	20,091,601
0.62	Bad debts	-	-	-	-
0.63	Honorarium	20,143,999	-	20,143,999	25,905,246
0.63A	Honorarium	7,625,617	-	7,625,617	8,303,254
0.64	Contractor's Fees	-	-	-	-
64a	Contractor's Fees	-	-	-	-
0.65	Consultants Expenses	120,549	7,584,879	7,705,428	825,105
0.66	Wages for Hired Labour	73,205,955	-	73,205,955	75,597,132
0.67	Interest on GPF/CPF	1,923,063	-	1,923,063	2,935,632
0.68	Allocation of Gen. Admn. Exp.	-	-	-	-
0.69	Miscellaneous Expenses	3,552	-	3,552	125
0.70	Land & Land Rights	-	-	-	-
0.71	Structure & Improvement	-	55,482,957	55,482,957	80,287,191
0.72	Boiler Plant equipment	-	-	-	-
0.73	Engine & Engine Driven Generators	-	-	-	-
0.74	Generator	-	29,100	29,100	-
0.75	Prime Movers	-	-	-	-
0.76	Accessory elect. equipment	-	523,350	523,350	-
0.77	Reservoir, Dams & Waterways	-	-	-	-
0.78	Water Wheels and Turbines	-	-	-	-
0.79	Roads, Rail Roads & Bridges	-	-	-	-
0.81	Station Equipment	-	-	-	51,668
0.82	Towers and Fixtures	-	-	-	-
0.83	Poles & Fixtures	-	2,480,904	2,480,904	3,389,048
0.84	Overhead Conduct & Devices	-	103,482,897	103,482,897	213,201,198
0.85	Underground Conductors	-	-	-	-
0.86	Line Transformers	-	29,851,698	29,851,698	39,935,911
0.87	Street Lighting and Signal Systems	-	-	-	-
0.88	Meter	-	622,630	622,630	6,020,574
0.89	Transportation Equipment	-	24,170,927	24,170,927	23,534,692
0.90	Heavy & Other Power Operated Equipment	-	-	-	39,294
0.91	Office furniture & Equipment	-	4,647,220	4,647,220	23,134,310
0.92	Communication Equipment	-	24,040	24,040	45,061
0.93	Tools, Shop and Garage Equipment	-	392,672	392,672	219,803
0.94	Laboratory Equipment	-	-	-	-
0.95	Stores Equipment	-	695,940	695,940	712,421
0.96	Fire Fighting Equipment	-	-	-	-
0.99	Miscellaneous Equipment	-	-	-	-
	Transmission Charge to POCB	-	-	-	-
	Total	5,714,718,211	646,194,574	6,354,912,785	4,350,541,739



Note 43 - CUSTOMER ACCOUNTS EXPENSES

Code No.	Head of Accounts	Operation Expenses Code No. 641	Maintenance Expenses Code No. 642	Total Expenses FY 2007-2008	Total Expenses FY 2006-2007
0.20	Pay of Officers	14,463,960	-	14,463,960	13,547,385
0.21	Pay of Staff	33,514,210	-	33,514,210	30,785,919
0.22	Allowances of Officers	7,170,290	-	7,170,290	5,953,437
0.23	Allowances of Staff	20,801,165	-	20,801,165	18,089,512
0.24	Leave Encasement	2,567,235	-	2,567,235	4,807,392
0.25	Overtime Allowances (Single Rate)	4,788,707	-	4,788,707	4,923,207
25a	Overtime Allowances (Double Rate)	16,269,041	-	16,269,041	11,344,948
0.26	Traveling Expenses/ Allowances(For Official)	3,983,262	-	3,983,262	4,395,905
26a	Traveling Expenses (For Training)	90,258	-	90,258	85,064
0.27	Conveyance Charge	745,175	-	745,175	458,173
0.28	House Rent Expenses	-	-	-	-
0.29	Medical Expenses	27,586	-	27,586	72,675
29a	Washing Expenses	4,185	-	4,185	9,097
0.30	Representation & Entertainment	9,043	-	9,043	2,000
0.31	Bonus for Officers	2,689,244	-	2,689,244	2,230,600
31a	Bonus for Staff	5,568,657	-	5,568,657	4,948,996
0.32	Stationary & Printing	2,953,692	-	2,953,692	2,772,694
0.33	Taxes, Licence & Fees	2,912,741	-	2,912,741	307,802
0.34	Office Rent	871,218	-	871,218	826,856
0.35	Water Charges	1,876,867	-	1,876,867	40,828
35a	Electric Charges (Own use)	3,941,686	-	3,941,686	2,677,509
35b	Employees Electricity Rebate	4,345,544	-	4,345,544	4,521,748
0.36	Uniforms & Liveries	823,549	-	823,549	218,976
0.37	Post & Telegram	107,292	-	107,292	88,434
37a	Telephone, Telex & Fax	2,114,556	-	2,114,556	1,360,915
37b	-	-	-	-	-
0.38	Advertising & Promotion	388,571	-	388,571	143,666
0.39	Audit Fee	12,265,575	-	12,265,575	18,221,859
39a	Legal Expenses (Lawyer's Fees & Court Fees)	730,941	-	730,941	653,433
0.40	Books & Periodicals	61,180	-	61,180	65,812
0.41	Fuel Used for Electricity Generation	-	-	-	-
0.42	Petrol/ Diesel & Lubricants Used for Transport	8,244,144	-	8,244,144	8,438,793
42(a)	-	-	-	-	-
0.43	Petrol/ Diesel & Lubricants Used for Other Equipment	-	-	-	-
0.44	Store & Spares Used	3,380,003	425,853	3,805,856	8,988,135
0.45	Custom Duties & Sale Tax	-	-	-	-
45a	Vat	-	-	-	-
0.46	Demurrage & Warfront	-	-	-	-
0.47	Depreciation	-	-	-	-
0.48	Hire of Equipment	-	-	-	-
0.49	Freight & Handling	2,044,485	1,443,749	3,488,234	4,121,198
0.50	Workmen Compensation	-	-	-	-
0.51	Gratuity	-	-	-	-
0.52	Donation & Contributions	-	-	-	-
0.53	Income Tax of Officers & Staff	287,151	-	287,151	267,488
0.54	Training & Education	40,620	-	40,620	253,424
0.55	Employees Other Benefit & Welfare Expenses	94,000	-	94,000	26,000
0.56	Board's Contribution to CPF	459,317	-	459,317	584,519
0.57	Board's Contribution to Pension Fund	53,439,704	-	53,439,704	25,551,135
0.58	Leave Encasement on Retirement	2,284,618	-	2,284,618	2,152,148
0.59	L. Salary & Pension Cont. for Trans. Govt. Employees	-	-	-	-
0.60	Insurance (For Goods & Property)	21,375	-	21,375	3,270
60a	Insurance (For Transportation Equipment)	271,895	-	271,895	204,846
0.61	Bank Charge & Commission	37,605,560	-	37,605,560	38,722,095
0.62	Bad debts	-	-	-	-
0.63	Honorarium	6,616,309	-	6,616,309	3,379,462
0.63A	Honorarium	369,977	-	369,977	752,247
0.64	Contractor's Fees	-	-	-	-
64a	Contractor's Fees	6,391,859	-	6,391,859	10,786,883
0.65	Consultants Expenses	60,651	1,158,144	1,218,795	-
0.66	Wages for Hired Labour	8,454,359	-	8,454,359	5,441,087
0.67	Interest on GPF/CPF	-	-	-	-
0.68	Allocation of Gen. Admn. Exp.	-	-	-	-
0.69	Miscellaneous Expenses	1,860	-	1,860	14,532
0.70	Land & Land Rights	-	-	-	-
0.71	Structure & Improvement	-	28,745,073	28,745,073	2,503,165
0.72	Boiler Plant equipment	-	-	-	-
0.73	Engine & Engine Driven Generators	-	-	-	-
0.74	Generator	-	-	-	-
0.75	Prime Movers	-	-	-	-
0.76	Accessory elect. equipment	-	-	-	-
0.77	Reservoir, Dams & Waterways	-	-	-	-
0.78	Water Wheels and Turbines	-	-	-	-
0.79	Roads, Rail Roads & Bridges	-	-	-	-
0.81	Station Equipment	-	-	-	-
0.82	Towers and Fixtures	-	-	-	-
0.83	Poles & Fixtures	-	-	-	4,282
0.84	Overhead Conduct & Devices	-	16,600,216	16,600,216	20,254,850
0.85	Underground Conductors	-	-	-	-
0.86	Line Transformers	-	4,675	4,675	-
0.87	Street Lighting and Signal Systems	-	-	-	-
0.88	Meter	-	-	-	-
0.89	Transportation Equipment	-	3,749,836	3,749,836	3,480,543
0.90	Heavy & Other Power Operated Equipment	-	-	-	-
0.91	Office furniture & Equipment	-	1,493,289	1,493,289	694,243
0.92	Communication Equipment	-	-	-	-
0.93	Tools, Shop and Garage Equipment	-	-	-	-
0.94	Laboratory Equipment	-	-	-	-
0.95	Stores Equipment	-	-	-	-
0.96	Fire Fighting Equipment	-	-	-	-
0.99	Miscellaneous Equipment	-	3,700	3,700	-
	Transmission Charge to PGCB	-	-	-	-
	Total	276,153,318	53,624,535	329,777,853	270,179,247



Note 44 - GENERAL & ADMINSTRATIVE EXPENSES

Code No.	Head of Accounts	Operation Expenses Code No. 651	Maintenance Expenses Code No. 652	Total Expenses FY 2007-2008	Total Expenses FY 2006-2007
0.20	Pay of Officers	88,676,439	-	88,676,439	96,089,113
0.21	Pay of Staff	105,535,940	-	105,535,940	108,362,347
0.22	Allowances of Officers	39,694,904	-	39,694,904	41,258,174
0.23	Allowances of Staff	60,193,958	-	60,193,958	61,322,502
0.24	Leave Encasement	9,610,015	-	9,610,015	20,578,668
0.25	Overtime Allowances (Single Rate)	16,258,706	-	16,258,706	16,284,092
25a	Overtime Allowances (Double Rate)	33,809,446	-	33,809,446	36,246,802
0.26	Traveling Expenses/ Allowances(For Official)	13,664,877	-	13,664,877	13,103,179
26a	Traveling Expenses (For Training)	487,231	-	487,231	94,795
0.27	Conveyance Charge	1,616,904	-	1,616,904	2,019,542
0.28	House Rent Expenses	-	-	-	510
0.29	Medical Expenses	406,483	-	406,483	481,032
29a	Washing Expenses	130,921	-	130,921	164,023
0.30	Representation & Entertainment	589,864	-	589,864	775,216
0.31	Bonus for Officers	16,395,412	-	16,395,412	17,231,762
31a	Bonus for Staff	18,135,387	-	18,135,387	17,812,518
0.32	Stationary & Printing	20,280,461	-	20,280,461	20,573,574
0.33	Taxes,Licence & Fees	9,611,609	-	9,611,609	11,735,619
0.34	Office Rent	1,806,813	-	1,806,813	3,411,659
0.35	Water Charges	4,306,368	-	4,306,368	2,815,436
35a	Electric Charges (Own use)	15,767,958	-	15,767,958	16,428,861
35b	Employees Electricity Rebate	11,993,392	-	11,993,392	13,122,152
0.36	Uniforms & Liveries	1,339,617	-	1,339,617	1,059,421
0.37	Post & Telegram	1,145,133	-	1,145,133	1,081,486
37a	Telephone,Telex & Fax	8,955,906	-	8,955,906	9,655,366
37b		-	-	-	-
0.38	Advertising & Promotion	13,784,635	-	13,784,635	14,456,015
0.39	Audit Fee	1,357,750	-	1,357,750	935,686
39a	Legal Expenses (Lawyer's Fees & Court Fees)	1,607,562	-	1,607,562	2,908,796
0.40	Books & Periodicals	711,363	-	711,363	676,388
0.41	Fuel Used for Electricity Generation	-	-	-	129,735
0.42	Petrol/ Diesel & Lubricants Used for Transport	25,139,160	-	25,139,160	28,970,810
42(a)		-	-	-	-
0.43	Petrol/ Diesel & Lubricants Used for Other Equipment	-	-	-	-
0.44	Store & Spares Used	3,703,900	-	3,703,900	8,715,093
0.45	Custom Duties & Sale Tax	-	-	-	-
45a	Vat	-	-	-	-
0.46	Demurrage & Warfront	22,854	-	22,854	5,400
0.47	Depreciation	89,655,382	-	89,655,382	111,044,966
0.48	Hire of Equipment	-	-	-	98,830
0.49	Freight & Handling	215,068	-	215,068	165,299
0.50	Workmen Compensation	-	-	-	23,418
0.51	Gratuity	-	-	-	45,370
0.52	Donation & Contributions	239,220	-	239,220	238,440
0.53	Income Tax of Officers & Staff	2,809,820	-	2,809,820	2,947,139
0.54	Training & Education	4,408,514	-	4,408,514	9,009,951
0.55	Employees Other Benefit & Welfare Expenses	3,901,531	-	3,901,531	1,692,398
0.56	Board's Contribution to CPF	-	-	-	-
0.57	Board's Contribution to Pension Fund	121,415,140	-	121,415,140	90,337,616
0.58	Leave Encashment on Retirement	11,789,007	-	11,789,007	13,609,071
0.59	L. Salary & Pension Cont. for Trans. Govt. Employees	-	-	-	-
0.60	Insurance (For Goods & Property)	1,801,611	-	1,801,611	-
60a	Insurance (For Transportation Equipment)	1,766,446	-	1,766,446	2,628,427
0.61	Bank Charge & Commission	6,525,288	-	6,525,288	16,797,178
0.62	Bad debts	13,712	-	13,712	-
0.63	Honorarium	27,254,117	-	27,254,117	28,535,571
0.63A	Honorarium	4,101,781	-	4,101,781	4,201,627
0.64	Contractor's Fees	5,822,641	-	5,822,641	1,699,913
64a	Contractor's Fees	11,252,041	-	11,252,041	-
0.65	Consultants Expenses	2,648,809	-	2,648,809	3,312,282
0.66	Wages for Hired Labour	39,417,790	-	39,417,790	34,864,501
0.67	Interest on GPFC/CPF	591,409	-	591,409	1,449,035
0.68	Allocation of Gen. Admn. Exp.	100	-	100	-
0.69	Miscellaneous Expenses	11,879,446	-	11,879,446	181,523
0.70	Land & Land Rights	-	-	-	-
0.71	Structure & Improvement	-	24,160,495	24,160,495	40,412,064
0.72	Boiler Plant equipment	-	-	-	-
0.73	Engine & Engine Driven Generators	-	-	-	-
0.74	Generator	-	-	-	22,720
0.75	Prime Movers	-	-	-	-
0.76	Accessory elect. equipment	-	-	-	-
0.77	Reservoir, Dams & Waterways	-	-	-	-
0.78	Water Wheels and Turbines	-	-	-	-
0.79	Roads, Rail Roads & Bridges	-	-	-	-
0.81	Station Equipment	-	-	-	-
0.82	Towers and Fixtures	-	-	-	-
0.83	Poles & Fixtures	-	-	-	-
0.84	Overhead Conduct & Devices	-	2,191,042	2,191,042	1,778,236
0.85	Underground Conductors	-	-	-	-
0.86	Line Transformers	-	-	-	1,850
0.87	Street Lighting and Signal Systems	-	-	-	-
0.88	Meiter	-	-	-	-
0.89	Transportation Equipment	-	21,187,709	21,187,709	24,121,613
0.90	Heavy & Other Power Operated Equipment	-	24,050	24,050	-
0.91	Office furnitures & Equipment	1,700	3,069,830	3,071,530	5,612,958
0.92	Communication Equipment	-	-	-	-
0.93	Tools, Shop and Garage Equipment	-	324,845	324,845	499,411
0.94	Laboratory Equipment	-	-	-	-
0.95	Stores Equipment	-	256,098	256,098	131,793
0.96	Fire Fighting Equipment	-	-	-	-
0.99	Miscellaneous Equipment	-	-	-	-
	Transmission Charge to PGCB	-	-	-	-
	Total	874,251,543	51,214,069	925,465,611	963,968,969



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