

ANNUAL REPORT

2010-2011



BANGLADESH POWER DEVELOPMENT BOARD

ANNUAL REPORT

2010-2011



BANGLADESH POWER DEVELOPMENT BOARD

BANGLADESH POWER DEVELOPMENT BOARD

VISION STATEMENT

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

MISSION STATEMENT

- ➊ To deliver quality electricity at reasonable and affordable prices with professional service excellence.
- ➋ To make electricity available to all citizens on demand by the year 2021.
- ➌ To provide specialized skilled services in operation & maintenance with outstanding performance in Generation, Transmission and Distribution for promoting competition among various power-sector entities.
- ➍ To follow international standard and adopt modern technology and practices in power generation and distribution activities.
- ➎ To ensure improved & satisfactory services to the consumers.
- ➏ To develop new mindset for all of its employees congruent with the corporate culture.
- ➐ To reach self sufficiency by increasing of its income and reduction of expenditure through efficiency improvement and diversification of activities.

From the desk of Chairman

Bangladesh Power Development Board (BPDB), the largest electricity utility in Bangladesh is working relentlessly with continued performance improvement to materialize the vision to provide access to electricity to all by 2021 at an affordable price. To cope with more than 7% GDP growth rate in coming years, maintaining more than 10% electricity growth is a challenge to BPDB. To meet the growing demand and to provide electricity to 50% of population who do not have direct access, BPDB has been implementing short, mid and long term planning despite constraints in primary fuel supply and project financing.

BPDB embarked on a journey to success having the right tools of power crisis management, foresightness and long-term energy security strategy. These led to growth of 7.20% higher in generation and 8.81% higher in retail sales over previous year with increasing customer satisfaction and better quality operation. Facing the harsh responsibilities & constraints, huge investment plus operation & maintenance cost against inadequate revenue, unpredictable fuel dynamics, power plant aging, almost no operational flexibility, BPDB endeavours to provide the best possible service with minimal resources and unravel all means to maximize customer satisfaction.

An aggressive generation expansion plan was prepared to meet the growing demand of electricity to cope with accelerated economic growth. In this regard, strategic decision to diversify primary fuel supply for power is critical for sustained development. According to Power System Master Plan study (PSMP-2010) country will need 24,000 MW and 39,000 MW generation capacity by 2021 and 2030 respectively. BPDB already started working to achieve this goal with new initiative to install large coal based power plants in coastal areas of Bangladesh.

Since January 2009, about 3000 MW capacity was commissioned and BPDB prepared a detailed plan for the year 2012 to 2016 for installation of about 13,000 MW generation capacity. BPDB has taken need based, pragmatic and realistic measures for constructing new power plants of different kinds to make the country load shedding free by 2013 and beyond. This is BPDB's Annual Report for fiscal 2010-11, where detail information on generation, transmission, distribution, planning & development activities and accounts & financial situation have been depicted. Different tables, charts & graphs, map of primary grid system have also been provided in this report.

During the FY 2011 progress have been made in different areas of BPDB specially generation and distribution. Total capacity of 1456 MW generation was added in national grid during FY 2011 and net energy generation during the said period was 31,355 GWh which was 7.20 % higher than the previous year. Revenue collection during the year under report was Tk. 74,303 million which was 11.27 % higher than that of previous year. BPDB's own distribution system loss during 2010-2011 was reduced to 13.06 % from 13.10 % in FY 2010.

Gearing up for future, BPDB has the key success factors necessary to withstand the winds of change. The encouragement provided to build a highly skilled and creative development team, BPDB is reinforcing its state-of-the-art infrastructure. Its streamlined power management capabilities & operational skills are boosting power quality and strengthening system stability. Most notably, BPDB is mentoring & mothering its companies to organize them as integral organs of a healthy and massive power superstructure for driving the motherland towards a developed country status within possible shortest time span.

Emergence of a new transparent and accountable structure for good governance and performance improvement, 'Strategic Profit Center' approach is getting momentum to pillar the building blocks of BPDB's stronger econo-financial structure. BPDB is working hard to add around 2000 MW electricity every year up to 2016 to materialize its goal to provide quality electricity to all consumers.



A handwritten signature in black ink, appearing to read 'A S M Alamgir Kabir'. The signature is fluid and cursive, with a long horizontal stroke at the end.

A S M Alamgir Kabir
Chairman

Bangladesh Power Development Board



Hon'ble Prime Minister Sheikh Hasina is offering prayer after Inauguration of Shikalbaha 150 MW Power Plant.

CONTENTS

Key Statistics

Highlights

CHAPTER 1		CHAPTER 7	77-95
The board	09-12	Accounts, Finance & Audit	
CHAPTER 2		Accounts, Finance and Audit	
Operation	13-20	Actual Income & Expenses	
Power Demand		Balance Sheet	
Load Factor and Load Management		Income Statement	
Installed Capacity		Cash Flow Statement	
Energy Generation		Power Purchase from IPP & SIPP	
Transmission Lines and Sub-stations		Power Purchase from Rental Plant	
System Operation		Power Purchase from Public Plant	
Distribution		Budget Comparison Statement	
Financial Operation		Income Statement & Balance Sheet Ratios	
Manufacture of Pre-stressed Concrete Poles		Generation Cost of BPDB's own Gen. Plant	
Energy Flow Chart		Consolidated Shedule of Expenses	
Electricity Sales		Comparison of Revenue and Expenses	
CHAPTER 3		Comparative Income Statement	
Planning and Development	21-24	Personnel Expenses	
Planning & Development		Office and other Expenses	
Development Activities		Repair & Maintenance Expenses	
Generation Addition Plan		Organisation Chart	
Projects Under Implementation		230 kV, 132 kV & 33 kV System in Bangladesh (Map)	
CHAPTER 4			
Reforms and other activities	25-30		
CHAPTER 5			
Tables & Charts	31-64		
(Historical)			
CHAPTER 6	65-76		
Power Scenario & Future Plan on the date of publication of the Report			

KEY STATISTICS

Sl. No.	Particulars	Year 2009-10	Year 2010-11	% change over previous year
1	Installed Capacity in MW (As of June)	5,271	6,639	25.95
	Public Sector	3,226	3,503	8.59
	IPP	1,271	1,231	-3.15
	SIPP/Rental Power Plant	548	1,679	206.39
	REB	226	226	0.00
2	Max.Peak Generation (MW)	4,606	4,890	6.17
3	Gross generation in GWh (Public Sector)	17,064.00	15,525.00	-9.02
4	Station service and own use in GWh (Public Sector)	992.67	851.90	-14.18
5	Net generation in GWh (Public Sector)	16,071	14,673	-8.70
6	Net Power Purchase from IPP GWh	8,369	8,564	2.33
7	Net Power Purchase from SIPP/ Rental GWh	3,029	6,247	106.22
8	Net generation in GWh (REB)	1,777	1,871	5.29
9	Net Generation (Public Sec.+IPP+SIPP/Ren.+REB) GWh	29,247	31,355	7.21
10	Bulk Energy sold by BPDB in GWh	26,627	28,627	7.51
11	Energy sold (Retail) by BPDB's own Dist. Zones in GWh	5,863	6,380	8.82
12	Distribution system loss in %	13.10	13.06	-0.03
13	Annual Plant Factor of BPDB plants (in % on the basis of Present [derated] capacity)	57.79	49.66	-8.13
14	System load factor in % (Load shedding not included)	70.54	70.82	0.28
15	Cost of fuel for BPDB thermal Plants in Million Taka	16,364	19,063	16.49
16	Cost of fuel/kWh in Taka for BPDB thermal Plants	1.56	1.85	18.59
17	Ave. Bulk Electricity Supply cost Taka/kWh	2.68	4.20	56.72
18	No. of consumers.	2,067,154	2,159,891	4.49
19	Amount billed in Million Taka	68,533	77,348	12.86
20	Gross collection in Million Taka	66,776	74,303	11.27
21	Total population in Million	146	148	1.37
22	Per capita generation in kWh	200	212	5.76

Note

GWh = Gigawatthour

1GWh=10⁶kWh

2010-2011 or FY 2011 is the fiscal year starting from July 2010 to June 2011.

HIGHLIGHTS

In FY 2011, the maximum generation was 4,890 MW compared to that of previous year 4,606 MW. Due to the shortage of available generation capacity with respect to the increasing demand, lead to significant amount of load shedding up to maximum 1335 MW. During FY 2011, total duration of grid failure was 3 hours 28 minutes, which was about 88% lower than the previous year. The maximum demand served in this year was 4,890 MW against the forecast demand of 6,765 MW. The net energy generated during FY 2011 including IPPs & REB was 31,355 GWh, which depicts an increase of about 7.20 % .

In the east zone, electricity generated is mainly by indigenous gas based power plants. Hydro in south-east region contributes a small portion of total generation. In the west zone, imported liquid fuel, domestic coal, and limited natural gas are used for generation of electricity. Low cost electricity generated in the east zone, is being transferred to the west zone through two high voltage 230 kV East-West Inter-connector (EWI). The energy transferred through EWI from Ghorasal and Ashuganj end in FY 2011 was 3,574 GWh, which is 7 % lower than the previous year. The average fuel cost per unit generation of thermal power plants under BPDB in the east and west zone was Tk. 0.92/kWh and Tk. 5.05/kWh respectively. Net generation from only Hydro during FY 2011 was 872 GWh, which was 20 % higher than that in the previous year.

Distribution system loss of BPDB in FY 2011 was 13.06 % which was 13.10 % in FY 2010. To achieve single digit distribution loss we need extensive upgradation of distribution system and improvement in commercial operations.

The operating profit / (loss) (before interest) was (41153.07) Million Taka. The average cost of bulk power supply was Tk. 4.20 per kWh compared to average bulk tariff of Tk. 2.46 per kWh during the year. The rate of return on revalued fixed assets was (18.77 %) during the year under review, which was (2.42 %) in FY 2010.

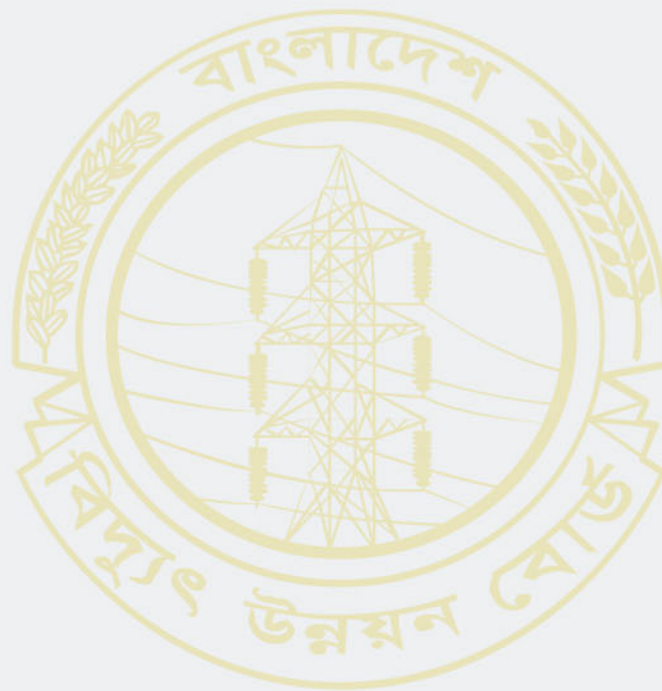


Signing of MOU between BPDB & NTPC, India on enhancement of cooperation in power sector.



Signing of contract between BPDB and NTPC, India for a feasibility study for construction of power plants at Chittagong and Khulna

Chapter-1



BANGLADESH POWER DEVELOPMENT BOARD

Present Board

(31 January, 2012)



Md. Humayun Kabir Khan
Member (Administration)



A S M Alamgir Kabir
Chairman



Md. Fazlul Hoque
Member (Finance)



Md. Abdul Wahab Khan
Member (Distribution)



Tamal Chakraborti
Member (Generation)



Md. Abul Quasem
Member (Company Affairs)



Md. Abduhu Ruhullah
Member (P&D)

The Board (2010-2011)

Bangladesh Power Development Board (BPDB) is a statutory body created in May 1, 1972 by Presidential Order No. 59 after bifurcation of erstwhile Bangladesh Water and Power Development Authority. BPDB started its operation with Generation capacity of only 180 MW. In FY 2011, Generation capacity (both public and private) has increased to about 6600 MW.

As part of reform and restructuring a number of Generation and Distribution companies have been created. The subsidiaries of BPDB are:

- Ashuganj Power Station Company Ltd. (APSCL)
- Electricity Generation Company of Bangladesh (EGCB)
- North West Power Generation Company Ltd. (NWPGL)
- West Zone Power Distribution Company Ltd. (WZPDCL)

The BPDB is responsible for major portion of generation and distribution of electricity in urban areas except Dhaka and West Zone of the country. The Board is under the Power Division of the Ministry of Power, Energy and Mineral Resources, Government of Bangladesh.

BPDB has taken a massive capacity expansion plan to add about 12000 MW Generation capacity in next 5 years and about 25000 MW by 2021 with the aim to provide quality and reliable electricity to all the people of Country for desired economic and social development. The power system has been expanded to keep pace with the fast growing demand.

During the Financial Year under report (2010-2011)

Chairman and Members of the Board :

Chairman

Mr. A S M Alamgir Kabir

Member (Administration)

Mr. S.M. Mesbahul Islam (Upto July 26, 2010)

Mr. Md. Humayun Kabir Khan (From August 4, 2010)

Member (Finance)

Mr. Md. Fazlul Hoque

Member (Generation)

Mr. Md. Mostafa Kamal (Up to June 12, 2011)

Mr. Abdul Wahab Khan (From June 13, '11 to June 28, '11)

Mr. Tamal Chakraborti (From June 29, 2011)

Member (Distribution)

Mr. KGA Rabbani

Member (Planning & Development)

Mr. Delwar Hossain (Upto September 30, 2010)

Mr. KGA Rabbani (From Sept. 30, '10 to Dec. 18, '10)

Mr. Masum-Al- Beruni (From Dec. 19, 2010)

Member (Company Affairs)

Mr. Delwar Hossain (Upto August 16, 2010)

Mr. Md. Mostafa Kamal (From August 16, '10 to Dec. 26, '10)

Mr. Md. Atahar Uddin Talukder (Dec. 27, '10 to Dec. 28, '10)

Mr. Md. Mostafa Kamal (From Dec. 29, '10 to Feb. 22, '11)

Mr. Md. Gias Uddin (From Feb. 22, '11 to Feb 24, '11)

Mr. Md. Mostafa Kamal (From Feb. 25, '11 to March 31, '11)

Mr. Md. Abdul Wahab Khan (From March 31, 2011)

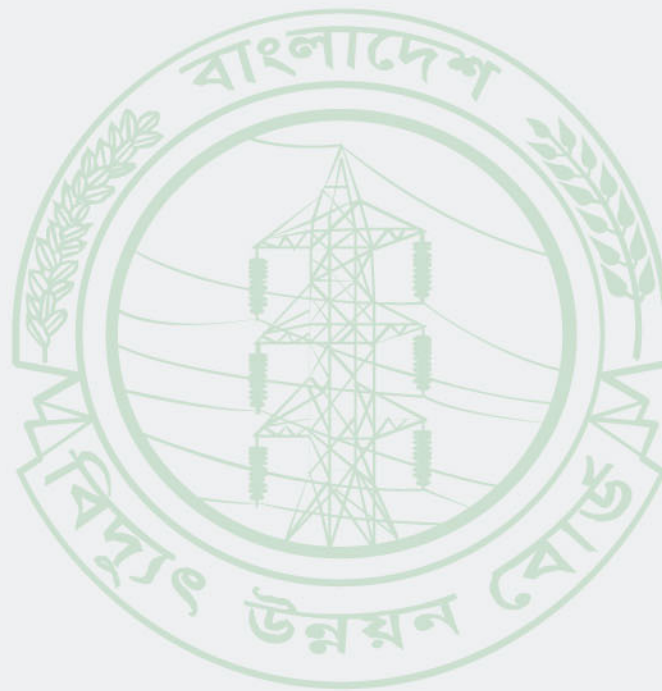


Meeting with former BPDB Chairmans



Korea-Bangladesh Technical Seminar at a local Hotel in Dhaka.

Chapter-2



OPERATION

POWER DEMAND

The forecast of maximum demand for FY 2011 was 6,765 MW. Demand is increasing fast due to enhanced economic activities in the country with sustained GDP growth. At present electricity demand growth is about 10% which is expected to be more in coming years.

LOAD FACTOR AND LOAD MANAGEMENT

Electricity Demand in the system 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 put in operation during peak hour.

There are certain categories of consumers who can avoid or reduce electricity consumption during peak hour. As such, effort is being 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 remain closed after 8.00 PM to reduce electricity consumption in the peak hour as DSM measures. Holiday staggering for industries is being done to mitigate load-shedding problem in the country.

BPDB has installed 28,305 numbers of double tariff programmable meters during the FY 2011. Out of these, 25,500 numbers for LTI (Low Tension Industrial) consumers and 2,805 numbers for HT (High Tension) consumers.

INSTALLED CAPACITY

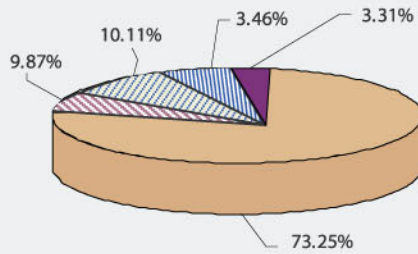
Total installed capacity is 6,639 MW including 1,231 MW IPP, 1,679 MW SIPP/Rental Power Plant & 226 MW in REB. The maximum peak generation was 4,890 MW which was 6.17% higher than that in the previous year. The reasons for lower actual peak generation were (1) some plants were out of operation for maintenance, rehabilitation & overhauling, (2) capacity of some plants were derated due to aging and (3) gas shortage. The Generation Capacity mix shown below:

Installed Capacity by Plant & Fuel Type

By type of plant		By type of fuel	
Hydro	230 MW (3.46%)	Gas	4863 MW (73.25%)
Steam Turbine	2211 MW (33.30%)	Furnace Oil	671 MW (10.11%)
Gas Turbine	932 MW (14.05 %)	Diesel	655 MW (9.87%)
Combined Cycle	1166 MW (17.56 %)	Hydro	230 MW (3.46 %)
Reciprocating Engine	2100 MW (31.63 %)	Coal	220 MW (3.31%)
Total	6,639 MW (100 %)	Total	6,639 MW (100%)

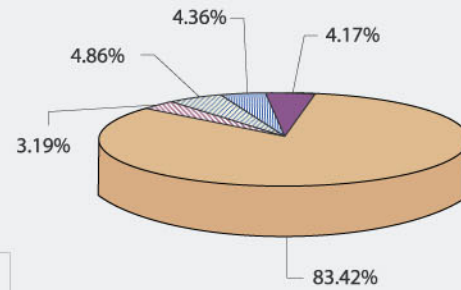
INSTALLED CAPACITY (NATIONAL) BY FUEL TYPE WITH COMPARISON

FY 2011

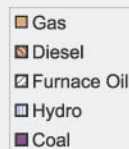


Total : 6639 MW

FY 2010

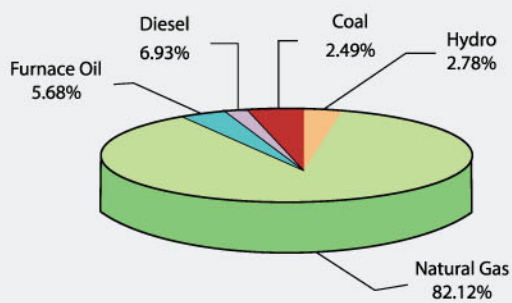


Total : 5271 MW



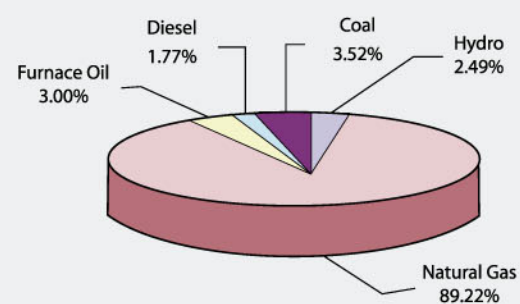
GENERATION (NATIONAL) BY FUEL

FY 2011



Total Net Generation : 31,355 M kWh

FY 2010



Total Net Generation : 29,247 M kWh



Secretary Power Division Md. Abul Kalam Azad and Chairman PDB A S M Alamgir Kabir visiting the site of under construction Sylhet 150 MW Power Plant



Secretary Power Division and Chairman PDB visiting Ashuganj Power Station

ENERGY GENERATION

During this Fiscal Year 14,673 GWh of net energy was generated in the public sector power plants. In addition about 14,812 GWh of electricity was purchased by BPDB as a single Buyer from IPPs (Independent Power Producer), SPPs & Rental Power Plants in the private sector. As a result, the net energy generated by public and private sector power plants stood at 29,485 GWh (Excluding 1871 GWh power purchase by REB from their IPP), which was 7.33 % higher than the previous year's net generation of 27,470 GWh.

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

Hydro	:	872 GWh (2.96%)
Natural Gas	:	23879 GWh (80.99%)
Furnace Oil	:	1780 GWh (6.04%)
Diesel	:	2174 GWh (7.37%)
Coal	:	780 GWh (2.64%)
Total	:	29,485 GWh (100%)

OVERALL EFFICIENCY

The overall thermal efficiency (Net) of the generators in the public sector in FY 2011 was 31.00 % compared to 32.12 % in the previous year. The following table shows the units, which were under major maintenance in FY 2011.

MAINTENANCE OF GENERATORS IN FY 2011

GENERATORS	DURATION OF MAINTENANCE		REMARKS
	DATE STARTED	DATE COMPLETED	
Ashugonj Power Station (ST)	05-12-2009	--	Maintenance
Karnafuly Hydro Power Station (Unit-4)	18-01-2010	11-08-2010	Maintenance
Karnafuli Hydro Power Station (Unit-3)	01-12-2010	---	Overhauling
Khulna 110 MW Power Station	31-03-2009	11-01-2011	Maintenance
Khulna 60 MW Steam Power Station	05-07-2006	08-03-2010	Overhauling
Ghorasal Power Station (Unit-2)	26-04-2010	---	Maintenance
Chittagong Power Station (Unit-1)	03-10-2010	---	Overhauling
Ashugonj Power Station (Unit-4)	11-09-2010	---	Overhauling

TRANSMISSION LINE

During FY 2010-11, Noagaon-Joypurhat 46 km single circuit 132 kV transmission line, Thakurgaon-Panchaghor 45 km single circuit 132 kV transmission line and Jhenaidah-Chuadanga 45 km single circuit 132 kV transmission line under ADP were completed and

energized. The length of 132 kV line of whole transmission network has been increased to 3437 route km from 3233 route km.



Signing of Bangladesh-India
Bulk Power Transmission Agreement

GRID SUB-STATIONS

In FY 2010-11 the total capacity of 230/132 kV Grid Substations was 7225 MVA and total of 375 MVA of new capacity of transformer were added. In this fiscal year Panchagar 132/33 kV 2x25/41 MVA, Chuadanga 2x25/41 MVA, Joypurhat 2x25/41 MVA, Daudkandi 2x50/75 MVA, Magura 2x25/41 MVA and B-baria 2x25/41

MVA substations have been commissioned. Besides some capacity enhancement have been done in few S/S. The total capacity of 132/33 kV substations increased from 9899 MVA to 10492 MVA.

SYSTEM OPERATION

In FY 2011, total duration of Power interruption in the grid network was 136 hours 15 minutes.

INTERRUPTION OF NATIONAL GRID IN FY 2009 & FY 2010

Sl. No.	Type of Fault	Total Number of Faults		Total Duration	
		FY 2010	FY 2011	FY 2010 Hours/ Minutes	FY 2011 Hours/ Minutes
1	Partial Power failure due to trouble in generation	128	98	16/37	07/06
2	Partial Power failure due to trouble in grid S/S Equipment	07	05	07/29	123/13
3	Partial Power failure due to fault in transmission line	06	01	07/45	02/28
4	Partial Power failure due to the lightning on transmission line/Thunder Storm	00	00	00/00	00/00
5	Partial Grid failure	01	05	00/39	03/28
6	Total Grid failure	00	00	00/00	00/00
	Total	142	109	32/30	136/15

DISTRIBUTION

The total length of distribution lines of 33 kV is 3,663 km, 11 kV is 11,039 km and 0.4 kV is 18,602 km, total about 33,304 km at the end of FY 2011.

Number of Consumer

The total number of retail consumers of BPDB at the end of FY 2011 was 21, 59,897 compared to 20, 67,338 at the end of FY 2010. This was about 4.5% increase over FY 2010.

FINANCIAL OPERATION

Sales & Revenue Collection

The bulk energy sales (sales to DPDC, DESCO, WZPDC and REB) in this year increased to 28,627 GWh, which is 7.51 % increase over the previous year. The Revenue collection was Tk. 74,303 million in FY 2011, which is 11.27 % higher than that of the previous year.

Fuel Price

The price of Natural Gas was 79.82Tk./1000Cft & Coal was 6400 Tk./ Ton in FY 2011. The price of High Speed Diesel (HSD) was 46.00 Tk./litre. Furnace Oil (F.Oil) price increased from 26.00 Tk./litre to 42.00 Tk./litre with effect from 05-05-11.

Distribution System Loss

Distribution loss in BPDB's own distribution zones was 13.06 % in FY 2011 which was 13.10 % in FY 2010.

Tariff

The average billing rate for retail consumers of BPDB distribution zones stood at Tk. 3.81 per kWh during the year, compared to the previous year's rate of Tk. 3.60 per kWh.

PROFIT AND LOSS

Key Indicator on Financial performance of BPDB during the reporting period is as follows:

* Total revenue	81608 M Tk.
* Gross operating profit/ (Loss)	(41153) M Tk.
* Net (Loss)	(46206) M Tk.
* Accounts Receivable (Trade)	51028 M Tk.
* Rate of return % (on net fixed asset)	(18.77 %) M Tk.



A BPDB Staff is in maintenance work of a Transformer

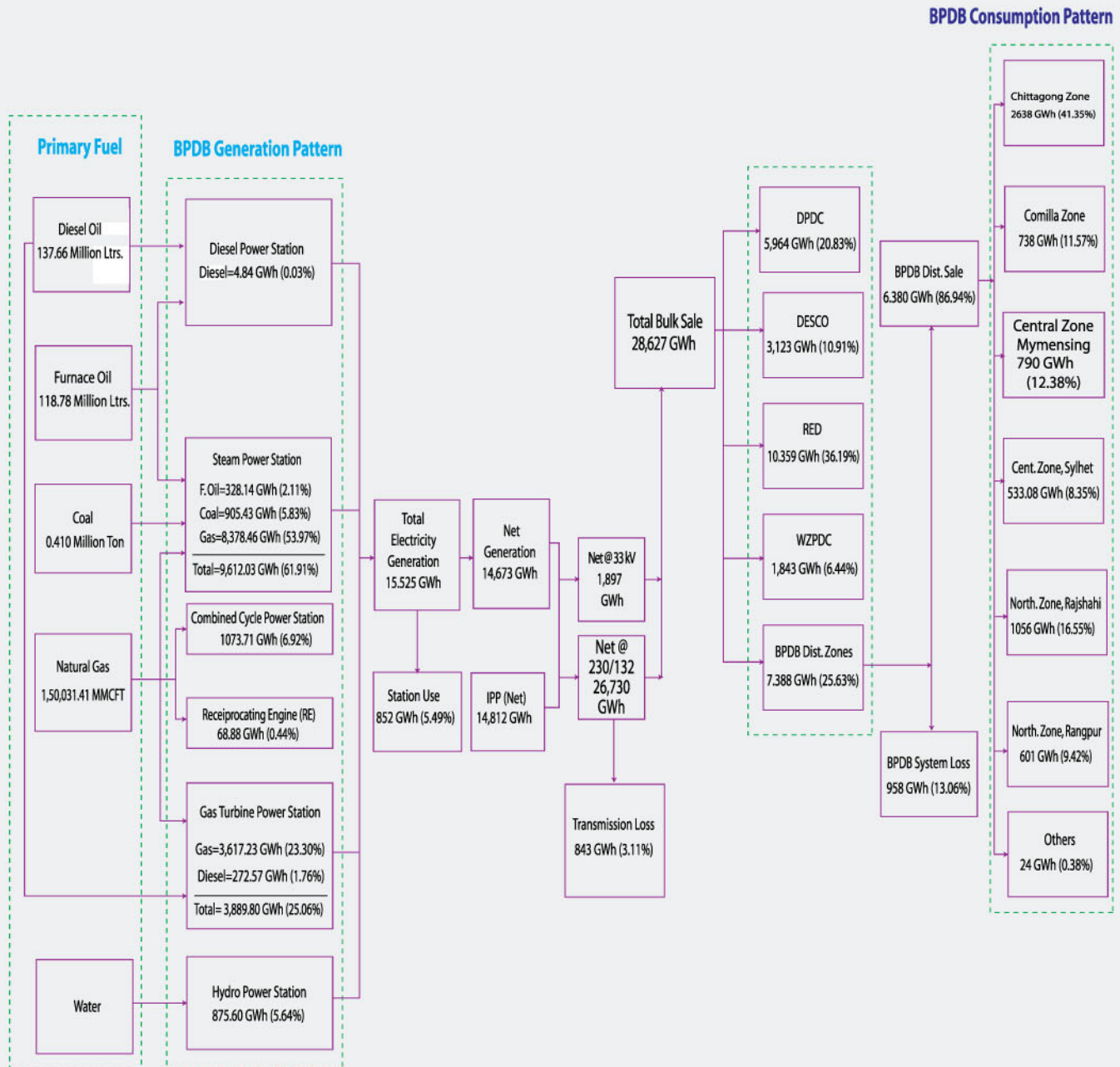
MANUFACTURE OF PRE-STRESSED CONCRETE POLES

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 was stopped since April 2001 due to expansion of Ghorashal 210 MW 6th unit power plant.



Bangladesh-India Joint Steering Committee Meeting on power sector cooperation held in Dhaka.

ENERGY FLOW CHART



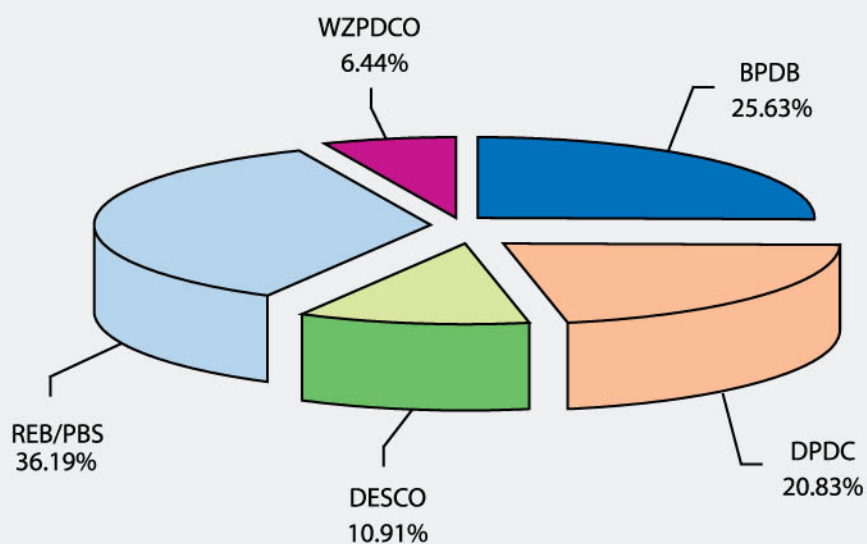
ELECTRICITY SALES (GWH)

Bulk Sales by BPDB as single buyer

Year	BPDB zones	DPDC	DESCO	WZPDCL	REB	Total
2004-05	5,993.05	5,134.77	1,843.13	388.57	7038.65	20398.18
2005-06	5,180.25	5,315.76	2,030.00	1372.78	8062.43	21961.22
2006-07	5,305.32	5,243.00	2,190.69	1281.95	8039.93	22060.89
2007-08	5,625.61	5,203.95	2,573.77	1375.23	8654.85	23433.41
2008-09	6,042.25	5,448.81	2,742.55	1490.63	9032.27	24756.51
2009-10	6,744.27	5,749.39	2,933.72	1673.44	9525.30	26626.12
2010-11	7,337.87	5,964.05	3,122.74	1842.52	10359.41	28626.59

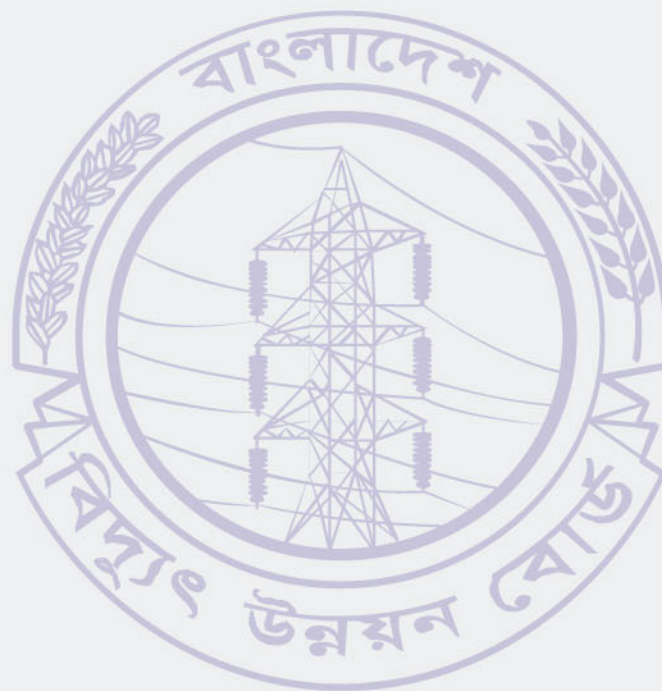
Utility Wise Bulk Sales

FY 2011



Total Sales : 28,627 MkWh

Chapter-3



PLANNING AND DEVELOPMENT

PLANNING & DEVELOPMENT

The Government has prepared Power System Master Plan PSMP- 2010 covering a plan period of 20 years (2010-2030) to realize the goal to provide access to electricity to all. The generation addition plans are being reviewed by BPDB incorporating latest changes in power demand, technology, and financial market. BPDB has prepared short-term, mid-term and long-term least cost generation expansion plan. The plan projects are at various stages of implementation.

DEVELOPMENT ACTIVITIES IN FY 2011

A total of 14 projects were included in the Revised

Annual Development Program (RADP) of FY 2011. these are as follows :

1. Generation project - 6 (Six) nos
2. Distribution project - 8 (Eight) nos

Following Projects were completed in FY 2010

1. Rehabilitation of unit-3 of Karnafuli Hydro Power Plant.
2. Construction of Shikalbaha 150 MW GT Peaking Power Plant.

The Original Allocation, Revised Allocation & the Expenditure incurred (provision) during FY 2011 is shown in the following table :

ANNUAL DEVELOPMENT PROGRAMME (ADP) : FY 2011

(Taka in lakh)

Sub-Sector	Original ADP (FY 2011)			Revised ADP (FY 2011)			Expenditure incurred in FY 2011			% Change in Revised ADP
	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total	
Generation	206211	403	206614	337509	0.00	337509	370614	0.00	370614	9.8
Distribution	7058	7650	14708	14646	4854	19500	14143	4455	18598	- 4.62
Total	213269	8053	221322	352155	4854	357009	384757	4455	389212	9.02



Hon'ble Information Minister Abul Kalam Azad addressing the heads of print and electronic media describing power situation in the country.

Generation Addition Plan up to 2016

Government has prepared Immediate, Short, and Medium term Generation plan. According to that plan about 15,000 MW of new generation will be added to the national grid from 2010 to 2016.

PROJECTS UNDER IMPLEMENTATION (FY 2010-2011)

Sl. No.	Name of Project	Estimated Total Local PA	Achievement during 2010-11	Source of Finance	Physical Target of the Project in % 2010-11	Physical Progress of the Project in % 2010-11	Cumulative Progress in %	Year of completion
1	2	3	4	5	6	7	8	8
GENERATION PROJECTS								
1	Rehabilitation & Modernization Project, Unit 1 & 2Ghorasal Power Plant.	25268.92 13005.76 12263.15	800.00 800.00 0.00	Russia	3.00	2.96	87.16	2012
2	Sylhet 90 MW Combined Cycle Power Plant (2nd Unit).	71722.97 71722.97 0.00	800.00 800.0 00.00	-	4.11	3.96	98.91	2011
3	Chandpur 150MW CCPP and Associated Transmission Line.	120075.55 120075.55 0.00	39028.97 39028.97 0.00	-	55.00	55.86	68.00	2012
4	Sylhet 150MW Combined Cycle Power Plant and Associated Power Evacuation Facilities Project.	87899.53 87899.53 0.00	29976.35 29976.35 0.00	GOB	56.51	58.50	73.50	2012
5	Rehabilitation of Karnafuli Hydro Power Station (Unit- 4 & 5).	25732.54 25732.54 0.00	12914.35 12914.35 0.00	JDCF (Japan)	40.00	39.00	99.00	2011
6	Construction of 820 MW Peaking Power Plants							
a	Gopalganj 100 MW Peaking Power Plant Project.	77471.71 77471.71 0.00	53587.25 53587.25 0.00	-	72.30	73.63	82.24	2011
b	Dohajari 100 MW Peaking Power Plant Project.	108925.59 108925.59 0.00	42653.59 42653.59 0.00	-	81.00	85.71	89.71	2011
c	Hathajari 100 MW Peaking Power Plant Project.	102588.83 102588.83 0.00	46750.36 46750.36 0.00	-	70.00	73.43	75.93	2011
d	Faridpur 50 MW Peaking Power Plant Project.	43745.18 43745.18 0.00	26814.35 26814.35 0.00	-	70.10	78.60	88.05	2011
e	Daudkandi 50 MW Peaking Power Plant Project.	65194.50 65194.50 0.00	42984.81 42984.81 0.00	-	70.00	91.02	94.52	2011
f	Shantahar 50 MW Peaking Power Plant Project.	42152.98 42152.98 0.00	124.18 124.18 0.00	-	30.10	30.25	30.25	2011
g	Katakhali 50 MW Peaking Power Plant Project.	38659.95 38659.95 0.00	88.58 88.58 0.00	-	30.06	30.25	30.25	2011
h	Baghabari 50 MW Peaking Power Plant Project.	56692.60 56692.60 0.00	37647.00 37647.00 0.00	-	70.00	81.14	84.14	2011
i	Bera 70 MW Peaking Power Plant Project.	52389.25 52389.25 0.00	36425.04 36425.04 0.00	-	70.00	77.27	80.20	2011
j	Ghorashal 200 MW Peaking Power Plant Project.	108030.20 108030.20 0.00	19.56 19.56 0.00	-	1.00	0.50	0.50	-

Sl. No.	Name of Project	Estimated Total Local PA	Achievement during 2010-11	Source of Finance	Physical Target of the Project in % 2010-11	Physical Progress of the Project in % 2010-11	Cumulative Progress in %	Year of completion
DISTRIBUTION PROJECTS:								
7	10 Town Power Distribution Systems Development Project	61125.26 25893.80 35231.46	977.56 977.56 0.00	(a)ADB(b) NDF(c) NORAD	5.00	5.00	89.35	2012
8	Emergency Rehabilitation & Expansion of urban areas Power Distribution System under Chittagong Zone.	11775.00 11775.00 0.00	1998.75 1998.75 0.00	-	16.80	17.80	57.80	2011
9	Emergency Rehabilitation & Expansion of urban areas Power Distribution System under Rajshahi (Northern) Zone	8431.00 8431.00 0.00	2959.25 2959.25 0.00	-	38	38	66.00	2011
10	Pre-payment Metering Project for Distribution southern Zone, Chittagong (Phase-1)	13736.00 13736.00 0.00	0.00 0.00 0.00	-	0.00	0.00	0.42	2012
11	Greater Chittagong Power Distribution Project, SCADA Rehabilitation	10841.16 2999.26 7841.90	346.37 2.37 344.00	Kuwait Fund	30.00	28.00	39.00	2012
12	Central Zone Distribution Project	97922.44 23902.55 74019.89	4575.49 464.37 4111.12	JICA	22.00	26.00	26.00	2013
13	Renovation & Augmentation of Distribution Lines & 11/.4KV Sub-Stations under sixth Zones of BPDB	17348.40 17348.40 0.00	7741.00 7741.00 0.00	-	83.00	83.00	83.00	2011
14	Chittagong Hill Tracts Power Distribution Systems Development Project, Rangamati	16447.39 16447.39 0.00	0.00 0.00 0.00	-	0.00	0.00	0.00	2013



Hon'ble Finance Minister Mr. Abul Maal A. Muhith addressing the conference on 'Investment in Power Sector of Bangladesh, Opportunities and challenges' as chief guest.

Chapter-4



REFORMS AND OTHER ACTIVITIES

Reforms

Government has given priority to power sector development and has made commitment to provide access to electricity to all citizens by 2021. In order to achieve this goal Government has undertaken a number of reform measures, some of them have already been implemented. Till-to-date the implementation status is as follows :

- The Electricity Directorate was established in 1948 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.
- 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.
- DESCO has started functioning from 1996 after taking over part of the distribution network of DESA.
- DESA is functioning as Dhaka Power Distribution Company (DPDC) since July 2008.
- Under the Companies Act 1994, Power Grid Company (PGCB) was created in 1996 to look after the transmission system.
- Ashuganj Power Station has been converted into Ashuganj Power Station Company Ltd. (APSCL) in 1996, as a subsidiary company of BPDB.
- West Zone Power Distribution Company Ltd. (WZPDCL) was created in 2002 to look after the distribution system of Barisal and Khulna Zone. WZPDCL is a distribution subsidiary of BPDB.
- Electricity Generation Company of Bangladesh (EGCB) has been formed as a Generation Company since 2004. EGCB is now executing 2x120 MW Peaking Power Plant. EGCB has started construction process of 360 MW CCPP Power Plant at Haripur and procurement process of 450 MW CCPP at Shiddirganj is going on.
- North West Power Generation Company (NWPGL) was created in 2008. NWPGL has started construction process of 150 MW Peaking Power Plant each at Khulna and another 150 MW Peaking Power Plant at Sirajganj. NWPGL has started procurement process 360 MW CCPP Power Plant at Bheramara.

- BPDB is in the process of identifying Strategic Profit Centre (SPC) for its generation and distribution sectors as a new reform initiative.

- Distribution SPC: From January 01, 2012 distribution SPC's will start maintaining separate accounts for their distribution business & from July 01, 2012 distribution SPC's will start functioning fully as profit center.

- Generation SPC: One or two large power station will be selected initially for generation SPC and they will start maintaining separate accounts for generation business from July 01, 2012.

Other Activities

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 :

- To shift irrigation load from peak hour to off peak hour, BPDB started campaign through electronic and print media. In the last few years it was estimated that 400 MW irrigation load was shifted from peak hour.
- 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.
- 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.
- 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.
- Holiday staggering for industries was implemented, which contribute about 150 MW load shifting.
- Load Management Committee has been formed in every distribution zone/circle/division to monitor the proper load distribution during irrigation.
- As part of DSM, BPDB is monitoring shop closure time at 8 p.m. It is estimated that this measure contributes about 350 MW load shifting from peak, there by reduced load shedding.

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 this program BPDB implemented excellent Solar Project in different locations of Bangladesh.

Implemented Solar Projects which have been mentioned below:

- 1200 sets Solar Home Systems capacity of 120 Wp each, 30 sets Solar PV Street Light Systems of 75 Wp each, 3 sets Solar PV Submersible Water PV Vaccine Refrigerators for the Health Care Centers of 360 Wp (3X120Wp) each and 2 sets of 10 kWp each Solar system for Market electrification in Juraichori, Barkal and Thanchi Upazilla at Rangamati District.
- 3 sets of solar home system and capacity of 80Wp each & 2 sets of solar home system capacity of 75Wp each at WAPDA Building.
- 2 sets solar home system and capacity of 50Wp each, 2 sets solar home system and Capacity of 80Wp each and 8 sets solar home system and capacity of 100Wp each in Angorpota and Dohogram (Chit Mohol) at Lalmonirhat district.
- 20.16 kWp Solar Power System (hybrid) to run 8 KW light load for Red Zone Areas 04(four) room of Prime Minister's office.
- 32.75 kWp solar power system to run light load for the electrification of 1st floor of WAPDA building.
- 2.40 kWp solar power system to run light load for the electrification of BPDB's chairman office cum Banglo.
- 6.00 kWp solar power system to run 2.4 kW light load for the electrification of Bidyut Bhaban, Chittagong.
- 2.20 kWp solar power system at Cox's Bazar & Saintmartin BPDB Office.
- 3.00kWp solar power system run for 4.00 hr at office & rest house of distribution division, Khagrachari.
- 3.00kWp solar power system run for 4.00 hr at P.C pole manufacturing plant, Chittagong.
- 2.10kWp solar power system run for 4.00 hr at Sandwip electric supply office cum rest house compound, Chittagong.



A meeting on development of Solar Power in the country

- 3.00kWp solar power system run for 4.00 hr at S&D Fauzdarhat, Chittagong.
- 3.00kWp solar power system run for 4.00 hr at distribution division, Rangamati.
- 2.10kWp solar power system run for 4.00 hr at S&D Hathazari, Chittagong.
- 37.50 kWp solar power system to run light load for the electrification of bidyut bhaban, 1, Abdul Gani Road.

Ongoing Solar Projects

- 5.00 kWp solar power system to run light load for the electrification of bidyut bhaban, Rajshahi.
- 5.00 MW grid connected solar power system at Kaptai Hydro Power Station, BPDB, Rangamati.
- 1MW Solar power hybrid system at Hatiya, Noakhali.
- 400KWp Solar Power System at Remote Haor Zone of Salla Upazila under Shunamganj District.
- 1000 KM of Street Lighting based on Solar PV and LED based Technology in Six cities across the country.
- 4 (three) numbers of grid connected solar power plant with total installed capacity of 12 MWp.

Implemented Wind Power projects

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), Pearki beach (Patenga) and Kuakata area. The speed and direction of wind is being measured by two anemometers in each place at a height of 30 and 50 meters respectively. A project of 1000KW 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, 12VDC batteries. The stored electrical power from the battery banks converted the AC power by using inverters. The 11 KV output is taken from the project site to the Barghop Bazar, which is about 8 km away from the project control room. This 11KV power is distributed through out the consumers of the Kutubdia Upazilla Sadar through the 11/0.4 KV step down transformers and the distribution lines.

Ongoing Wind Projects

- BPDB is implementing 1MW Wind power hybrid system at Hatiya, Noakhali.
- BPDB is implementing Wind Power (50-200 MW Off-shore) in coastal areas at Anowara, Chittagong.

Planned Projects

- BPDB has planned to expand On-shore Wind Power in coastal areas of, Cox'sbazar.
- BPDB has planned to install 12(twelve) numbers of Wind Monitoring Station of different coastal zones of Bangladesh.



Signing of MOU between BPDB & RPCL for construction of 150 MW Power Plant in joint venture

Micro Hydro

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. BPDB has planned to install 50-70kW micro hydro power plant at Mohamaya, Mirersorai, Chittagong.

Energy Efficiency Measures

For energy saving purposes, installations of CFL (Compact fluorescent Lamp) in different offices of BPDB headquarter have already been completed. CFL will be installed in different offices of BPDB in phases. Steps have already been taken to encourage people using energy efficient bulb and electrical equipments.

The "Efficient Lighting Initiative for Bangladesh (ELIB)" Government has taken initiative to distribute 2.8 crore energy efficient bulb (CFL) & already distributed nearly 1.05 crore to the citizens free of cost.

Under this program, BPDB has distributed 3.32 million CFL in first phase and 3.32 million will be distributed. With all these efforts, energy will be conserved which in turn helps reducing carbon emission and thus circumvent risks associated with the environmental change.



BPDB Engineers are engaged in preparing generation plan

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, increase the revenue collection and improve customer's service and to reduce the account receivable. At present about 46,000 nos of Customers have been brought under Pre-Payment Metering System in Chittagong, Sylhet, Bogra & Sirajgonj. The first Pre-Payment Meter was installed in 2005 at Sylhet. As a result system losses have been reduced and revenue collecting has been increased as well as improved the customer services.

On the above ground, Government of Bangladesh (GOB) has given priority in Pre-Payment Metering. Considering above circumstances a project named "Pre-Payment Metering Project for Distribution Southern Zone, Chittagong (Phase-1)" has been approved by ECNEC. Besides this, another Turn-key contract (35,000 nos of meters) was signed on 14 Sept`2011 to implement country wide "Unified Qualitative Pre-paid e-Metering System" for all utilities under Power sector. The implementation of Pre-paid e-Metering system is going on and will be completed by April 2012.

Within the next five years it is planned to bring all low voltage consumers under pre-payment metering system.

E-Pre payment Metering System in BPDB

Implementation of E-Pre Payment Metering System Project is going on. It's objectives are,

- Reduction of non-technical loss of electricity to zero
- Improvement of collection
- Reduction of Receivables
- Hassle free service to the Consumers
- Improvisation of load side management

Computerized Billing

BPDB has introduced computerized billing system to increase the revenue collection, decrease the system loss and to ensure better service to the consumers. Now, 100% of the total consumer is under computer billing. They are getting the bill in time with previous month payment acknowledgement. In every year they are getting the yearly clearance or arrear dues certificate. Consumer can see their bills and ledgers on web.

Easy Billpay System

BPDB has implemented an easy and full time effective electronically billpay system through mobile phone Operator in all distribution zones. Billpay system has started from Chittagong in December 2006. In easy billpay system, consumer can pay their electricity bill 24 hours & 7 days. The following Mobile Operator collects BPDB's bill :

Sl. No.	Zone	Mobile Phone Operator	Number of Consumer bill paid as on June, 2011
1	Chittagong	GP	132701
2	Rajshahi	GP	101209
3	Sylhet	GP	45807
4	Rangpur	Banglalink	38229
5	Mymensingh	Banglalink	56714
6	Comilla	ROBI	28347

On-line Facilities

BPDB has an interactive website, which shows the

- Daily Generation;
- Consumer Billing information; &
- Tender notice and Tender documents.
- Information about Board, Vision, Mission, History & Organogram
- Recruitment Notices for BPDB
- Planning, Development and Projects information
- BPDB's Service rule & Job description
- Commercial Data including MOD, Tariff Rate and MIS Data
- News on BPDB, Biddut Barta magazine for BPDB
- Financial Data
- Generation Data
- Distribution Data
- Information about BPDB's different companies
- email addresses of BPDB offices and officials



A training class at newly constructed Ghorasal Training Centre Complex

HRD Activities

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 2021. 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 Academy of Kaptai, four regional training centers and two specialized training center for power plants are providing training courses for technical and

non-technical man power of BPDB. Regional Training Centers are located at Tongi, Rajshahi, Chittagong and Khulna. Training centers at Ghorasal and Ashuganj are dedicated to train power plant engineers & staff. 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 & Career Development is also harnessing the training Program from BPATC, BIM, BARD, Engineering Staff College and other training units in the country.

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

Achievement against training program conducted during FY 2011 is shown below

Sl. No.	Name of Training Center/Academy	No. of Course	Total No. of Trainees
1	Engineering Academy, Kaptai	30	844
2	Regional Training Centre, Tongi	38	937
3	Regional Training Centre, Chittagong	46	836
4	Regional Training Centre, Rajshahi	41	863
5	Ghorasal Training Centre, Narsingdi	49	920
6	Directorate of Training & Career Development, Dhaka	51	899
7	Training in Abroad	00	271
8	Seminar / Workshop	12	215
	Total	267	5785

Chapter-5

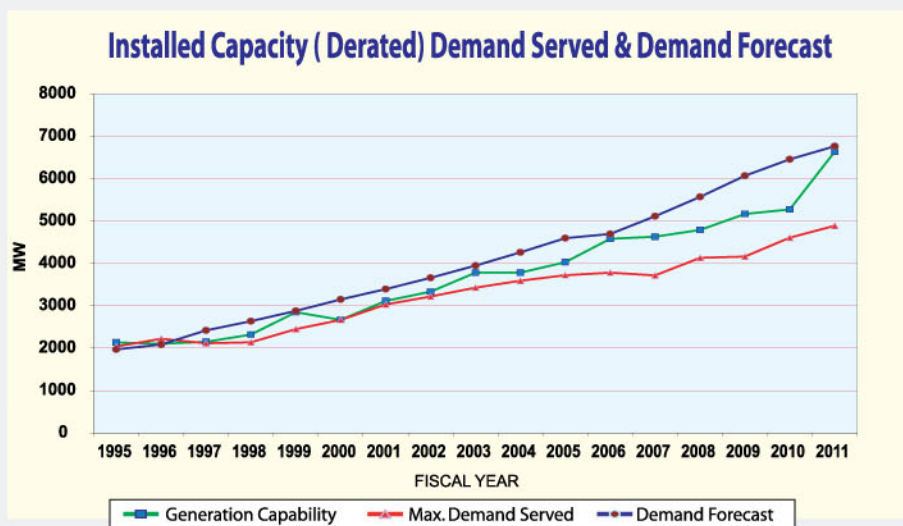


TABLES AND CHARTS

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

Year	Installed capacity (MW) ¹	Installed capacity (Derated) (MW) ¹	Demand Forecast (MW) ²	Maximum Peak Generation (MW)	Maximum Load Shedding (MW)
1979-80	822.00	625.00	-	462.00	
1980-81	813.00	707.00	-	545.00	
1981-82	857.00	712.00	-	604.00	
1982-83	919.00	810.00	-	709.00	
1983-84	1,121.00	998.00	-	761.00	
1984-85	1,141.00	1,018.00	-	887.00	
1985-86	1,171.00	1,016.00	-	883.00	
1986-87	1,607.00	1,442.00	-	1,084.00	
1987-88	2,146.00	1,859.00	-	1,317.00	200
1988-89	2,365.00	1,936.00	-	1,393.00	170
1989-90	2,352.00	1,834.00	-	1,509.00	180
1990-91	2,350.00	1,719.00	-	1,640.00	340
1991-92	2,398.00	1,724.00	-	1,672.00	550
1992-93	2,608.00	1,918.00	-	1,823.00	480
1993-94	2,608.00	1,881.00	-	1,875.00	540
1994-95	2,908.00	2,133.00	2,038.00	1,970.00	537
1995-96	2,908.00	2,105.00	2,220.00	2,087.00	545
1996-97	2,908.00	2,148.00	2,419.00	2,114.00	674
1997-98	3,091.00	2,320.00	2,638.00	2,136.00	711
1998-99	3,603.00	2,850.00	2,881.00	2,449.00	774
1999-00	3,711.00	2,665.00	3,149.00	2,665.00	536
2000-01	4,005.00	3,033.00	3,394.00	3,033.00	663
2001-02	4,230.00	3,217.50	3,659.00	3,217.50	367
2002-03	4,680.00	3,428.00	3,947.00	3,428.00	468
2003-04	4,680.00	3,592.10	4,259.00	3,592.10	694
2004-05	4,995.00	3,720.80	4,597.00	3,720.80	770
2005-06	5,245.00	3,782.10	4,693.00	3,782.10	1312
2006-07	5,202.00	3,717.80	5,112.00	3,717.80	1345
2007-08	5,201.00	4,130.00	5,569.00	4,130.00	1049
2008-09	5,719.00	5,166.00	6,066.00	4,162.10	1269
2009-10	5,823.00	5,271.00	6,454.00	4,606.00	1459
2010-11	7,264.00	6,639.00	6,765.00	4,890.00	1335

Note : (1) Installed capacity as of June of the year. (2) Demand Forecast



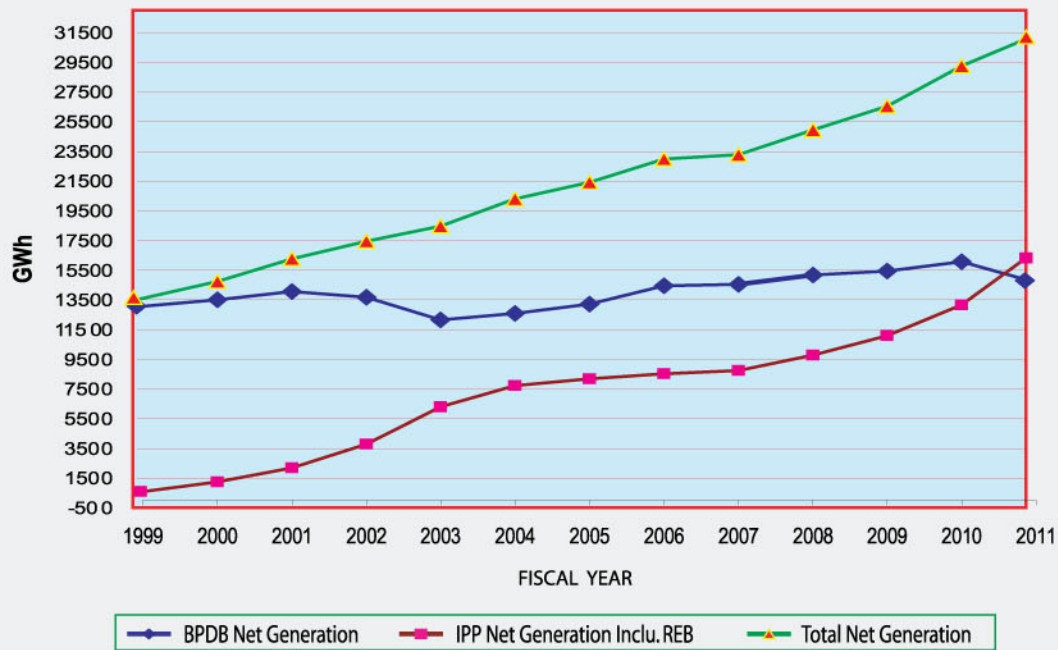
MAXIMUM GENERATION

Year	MAXIMUM GENERATION IN MW			%Increase over the preceding year
	East Zone	West Zone	System Total	
1970-71	172	53	225	-
1971-72	141	42	183	(18.661)
1972-73	175	47	222	21.532
1973-74	185	65	250	12.603
1974-75	199	67	266	6.362
1975-76	220	81	301	13.275
1976-77	254	88	342	13.495
1977-78	287	109	396	15.779
1978-79	331	105	437	10.245
1979-80	338	124	462	5.816
1980-81	399	146	545	18.033
1981-82	451	153	604	10.719
1982-83	506	203	709	17.445
1983-84	549	212	761	7.395
1984-85	651	236	887	16.470
1985-86	613	270	883	(0.468)
1986-87	734	349	1,084	22.755
1987-88	925	392	1,317	21.551
1988-89	980	413	1,393	5.771
1989-90	1,070	439	1,509	8.327
1990-91	1,141	499	1,640	8.681
1991-92	1,160	512	1,672	1.951
1992-93	1,293	530	1,823	9.049
1993-94	1,355	520	1,875	2.836
1994-95	1,472	498	1,970	5.067
1995-96	1,497	590	2,087	5.959
1996-97	1,594	520	2,114	1.293
1997-98	1,560	577	2,136	1.026
1998-99	1,828	621	2,449	14.625
1999-2000	1,878	787	2,665	8.842
2000-01	2,175	858	3,033	13.816
2001-02	2,447	771	3,218	6.076
2002-03	2,512	917	3,428	6.542
2003-04	2,646	946	3,592	4.787
2004-05	2,750	971	3,721	3.583
2005-06	2,809	973	3,782	1.647
2006-07	2,725	993	3,718	-1.700
2007-08	3,089	1,041	4,130	11.087
2008-09	3,589	573	4,162	0.777
2009-10	3,883	723	4,606	10.665
2010-11	3,962	928	4,890	6.166

ENERGY GENERATION (GWH)

Year	Gross Energy Generation of BPDB			BPDB Net Generation	Total Private Generation Incl. REB (Net)	Total Generation (Net)	% Increase over the Preceding Year	Energy Transfer through East-West Interconnector	
	East Zone	West Zone	System Total					East to West	West to East
1970-71	725	204	929						
1971-72	582	135	717						
1972-73	857	229	1,086						
1973-74	982	283	1,265						
1974-75	1,022	300	1,322						
1975-76	1,116	344	1,460						
1976-77	1,224	394	1,619						
1977-78	1,444	468	1,913						
1978-79	1,603	519	2,122						
1979-80	1,745	609	2,353						
1980-81	1,978	684	2,662		-			-	-
1981-82	2,292	744	3,036		-			-	-
1982-83	2,846	587	3,433		-			341.32	0.24
1983-84	3,398	568	3,966		-			519.04	1.44
1984-85	3,656	873	4,528		-			477.41	20.63
1985-86	3,488	1,312	4,800		-			222.40	106.43
1986-87	4,749	838	5,587		-			797.84	10.91
1987-88	5,753	789	6,541		-			1,179.54	0.02
1988-89	6,534	581	7,115		-			1,550.00	--
1989-90	7,401	331	7,732		-			1,956.78	--
1990-91	8,126	144	8,270		-			2,314.07	--
1991-92	8,500	394	8,894		-			2,213.00	--
1992-93	8,583	624	9,206		-			1,919.89	--
1993-94	9,129	655	9,784		-			1,980.76	--
1994-95	9,885	921	10,806		-			1,954.62	--
1995-96	10,735	740	11,474		-			2,215.02	--
1996-97	10,805	1,053	11,858	11,243	-	11,243		1,924.17	--
1997-98	11,789	1,093	12,882	12,194	-	12,194	8.46	1,997.00	--
1998-99	13,126	746	13,872	13,060	578	13,638	11.84	2,186.00	--
1999-00	13,634	684	14,318	13,495	1,244	14,739	8.07	2,482.45	--
2000-01	13,717	1,111	14,828	14,062	2,193	16,255	10.28	1,979.40	--
2001-02	13,267	1,183	14,450	13,674	3,771	17,445	7.32	2,249.16	--
2002-03	11,371	1,510	12,881	12,159	6,299	18,458	5.80	2,170.40	--
2003-04	11,303	2,039	13,342	12,584	7,718	20,302	9.99	2,135.55	--
2004-05	11,910	2,157	14,067	13,223	8,185	21,408	5.45	2,146.20	--
2005-06	13,177	2,240	15,417	14,456	8,522	22,978	7.33	2344.72	--
2006-07	12,964	2,531	15,495	14,539	8,729	23,268	1.26	1950.25	--
2007-08	13,397	2,758	16,155	15,167	9,779	24,946	7.21	2462.08	--
2008-09	13,627	2,803	16,431	15,449	11,084	26,533	6.36	2548.99	--
2009-10	14,735	2,329	17,064	16,072	13,175	29,247	10.23	3831.43	--
2010-11	12,845	2,680	15,525	14,673	16,682	31,355	7.21	3574.00	--

TOTAL NET ENERGY GENERATION

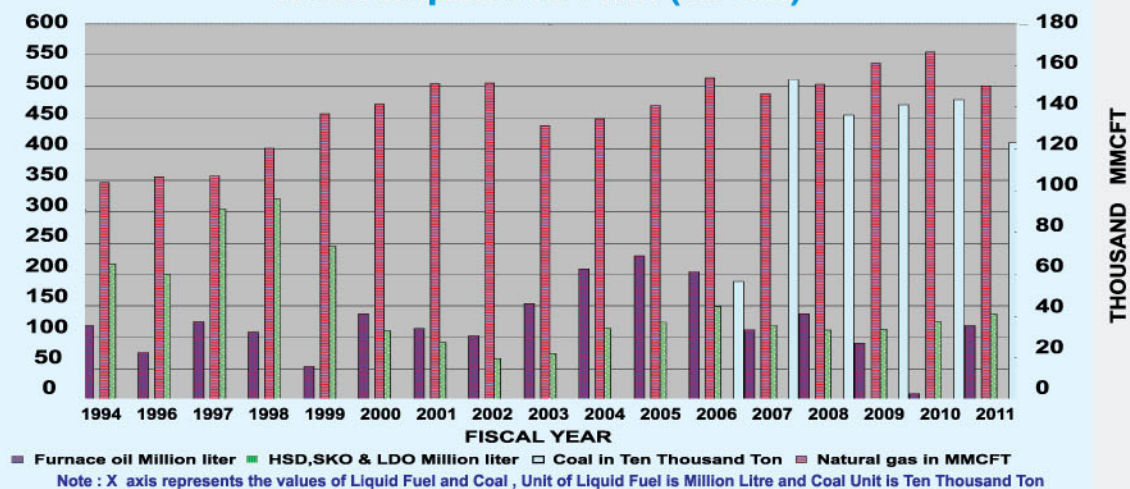


Signing of contract between BPDB and Summit Group for construction of 341 MW Bibiana-1, 341 MW Bibiana-2 and Meghnaghat 335 MW Power Plant in private sector

CONSUMPTION OF FUEL (BPDB)

YEAR	Natural Gas in MMCFT	Liquid Fuel in Million liter		Coal in Million Ton
		Furnace oil	HSD, SKO & LDO	
1981-82	22,251.24	77.47	229.56	
1982-83	27,697.51	120.06	113.20	
1983-84	30,298.69	175.55	86.63	
1984-85	38,116.27	201.16	94.23	
1985-86	39,809.78	283.49	142.51	
1986-87	51,773.82	199.03	94.35	
1987-88	59,220.57	231.51	52.00	
1988-89	62,291.95	122.68	103.58	
1989-90	72,461.50	53.50	78.02	
1990-91	78,258.10	17.73	40.64	-----
1991-92	83,803.43	68.87	75.78	-----
1992-93	88,117.25	127.27	94.21	-----
1993-94	92,064.05	122.70	113.79	-----
1994-95	1,03,907.60	118.42	216.80	-----
1995-96	1,06,592.75	75.58	200.49	-----
1996-97	1,07,240.03	124.48	304.13	-----
1997-98	1,20,376.26	108.47	320.11	-----
1998-99	1,36,802.00	53.14	245.05	-----
1999-00	1,41,330.13	137.35	110.49	-----
2000-01	1,51,312.47	114.02	92.01	-----
2001-02	1,51,577.35	102.10	66.00	-----
2002-03	1,31,180.00	154.20	74.08	-----
2003-04	1,34,482.37	209.17	114.32	-----
2004-05	1,41,021.85	229.86	123.75	-----
2005-06	1,53,920.65	204.85	149.61	0.19
2006-07	1,46,261.67	111.84	119.19	0.51
2007-08	1,50,991.54	137.11	111.52	0.45
2008-09	1,61,007.68	90.26	112.81	0.47
2009-10	1,66,557.42	9.74	124.69	0.48
2010-11	1,50,031.41	118.73	137.66	0.41

Consumption of Fuel (BPDB)



Note : Liquid fuel in million litre and coal unit in ten thousand ton

FUEL COST (BPDB)

Million Taka

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
2004-05	9,312.7981	6,757.1152	16,069.9133	19.85
2005-06	8,944.8996	7,384.6046	16,329.5042	1.62
2006-07	7,265.3647	9,494.0632	16,759.4279	2.63
2007-08	8,759.1900	8,194.2300	16,953.4200	1.16
2008-09	6,623.5700	11,608.6000	18,232.1700	7.54
2009-10	7,119.5000	9,244.7800	16,364.2800	(10.25)
2010-11	6,431.29	12,632.05	19,063.34	16.49

FUEL PRICE

Name of Petroleum Products	Increased price with effect from												
	06.01.2003	08.06.2004	01.01.2005	04.09.2005	26.06.06	02.04.08	01.07.08	27.10.08	23.12.08	13.01.09	15.03.09	01.08.09	05.05.11
High speed Diesel oil (TK./ Lit)	19.83	19.83	22.37	29.18	31.98	40.00	53.43	46.51	44.61	42.71	42.71	42.71	46.00
Furnace oil (TK./ Lit)	10.00	12.00	12.00	14.00	14.00	20.00	30.00	30.00	30.00	30.00	26.00	26.00	42.00
Natarul Gas (TK./ 1000 Cft)	70.00	70.00	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	73.91	79.82	79.82
Coal (US \$./ M Ton)					60	60	71.5	71.5	71.5	71.5	71.5	71.5	86.00

PER CAPITA GENERATION AND CONSUMPTION (GRID)

Year	Total Generation (GWh)	Total Population (In million)	Total Sale (MkWh)	Per Capita Generation (kWh)	Per Capita Consumption (kWh)
1980-81	2,662	90	1,740	29.73	19.43
1981-82	3,036	92	2,028	33.04	22.07
1982-83	3,433	94	2,399	36.48	25.49
1983-84	3,966	96	2,703	41.25	28.12
1984-85	4,528	98	2,841	46.16	28.96
1985-86	4,800	100	3,307	48.00	33.07
1986-87	5,587	103	3,485	54.19	33.81
1987-88	6,541	105	3,773	62.02	35.77
1988-89	7,115	108	4,695	65.91	43.49
1989-90	7,732	110	4,705	70.02	42.60
1990-91	8,270	111	4,871	74.77	44.04
1991-92	8,894	112	6,021	79.32	53.70
1992-93	9,206	115	6,906	80.01	60.02
1993-94	9,784	116	7,448	84.19	64.08
1994-95	10,806	117	8,371	92.06	71.32
1995-96	11,474	119	8,996	96.79	75.88
1996-97	11,858	120	9,447	99.03	78.90
1997-98	12,882	127	10,176	101.84	80.44
1998-99	14,450	128	11,352	112.89	88.69
1999-00	15,563	130	12,461	119.71	95.85
2000-01	16,255	132	14,003	123.14	106.08
2001-02	17,445	134	15,243	136.02	113.80
2002-03	18,458	133	16,332	138.36	122.43
2003-04	20,302	135	18,024	149.94	133.11
2004-05	21,408	137	19,196	155.78	139.68
2005-06	22,978	139	20,954	164.73	150.22
2006-07	23,268	141	21,181	164.75	149.97
2007-08	24,946	143	22,622	174.45	158.20
2008-09	26,533	145	23,937	183.26	165.32
2009-10	29,247	146	24,860	200.32	170.27
2010-11	31,355	148	26,652	211.86	180.08



Signing of contract for construction of two power plants at Katakali and Shantahar between BPDB & Dong Fang.

PLANT WISE GENERATION (FY 2011)

Sl. No	Name of power plant	Type of fuel	Installed 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	875.60	43.46		31.00	
2	Chittagong Thermal Power Plan Unit #-1	Gas	200	212.95	12.15	27.30		
	Chittagong Thermal Power Plan Unit #-2	Gas	180	206.00	13.06	29.81		
3	Sikalbaha 60 MW Steam Turbine	Gas	40	115.51	32.97	25.24		
	Sikalbaha 150 MW Gas Turbine	Gas	150	298.77	22.74	27.94		
4	Ashuganj 2x64 MW Steam Turbine	Gas	128	631.22	56.29	29.49		
	Ashuganj 3x150 MW Steam Turbine	Gas	390	2,233.51	65.38	33.44		
	Ashuganj GT 1	Gas	35	275.45	89.84	21.37		
	Ashuganj ST	Gas	16	101.40	72.35	29.23		
	Ashuganj GT 2 *	Gas	40	316.97	90.46	29.23		
	Ashugonj 50 MW gas Engine	Gas	50	68.88	15.73	40.10		
	5	Ghorasal 2x55 MW Steam Turbine (1+2nd Unit)	Gas	78	357.82	52.37		28.43
		Ghorasal 2x210 MW Steam Turbine(3+4th Unit)	Gas	360	2,365.83	75.02		31.02
		Ghorasal 2X210 MW S/T (5+6th Unit)	Gas	380	1,336.58	40.15		30.40
6	Siddhirganj 210 MW Steam Turbine	Gas	150	919.03	69.94	33.24		
	Siddhirganj 2x120 MW Gas Turbine	Gas	105	522.95	56.85	25.44		
7	Haripur 3x33 MW Gas Turbine	Gas	90	461.99	58.60	24.01		
8	Tongi 100 MW Gas Turbine	Gas	105	280.51	30.50	25.76		
9	Shahjibazar Gas Turbine(4 units)	Gas		134.00				
	Shahjibazar 60 MW Gas Turbine	Gas	70	423.43	69.05	28.21		
10	Sylhet 1x20 MW Gas Turbine	Gas	20	49.53	28.27	25.22		
11	Fenchuganj C.C. (1st Unit)	Gas	90	618.68	77.61	38.92		
	Fenchuganj C.C. (2nd Unit)	Gas		36.65				
12	Khulna 1x110 MW Steam Turbine	F.oil	55	181.32	37.63	22.55		
	Khulna 1x60 MW Steam Turbine	F.oil	30	146.83	55.87	21.47		
13	Barisal 2x20 MW Gas Turbine	HSD	32	66.35	23.67	18.60		
	Barisal Diesel(9 units)	HSD	2.0	2.00	11.42	11.29		
14	Bhola Diesel	HSD		0.83				
		FO		-				
	Bhola New	HSD		0.19				
15	Bheramara 3x20 MW Gas Turbine	HSD	46	119.81	29.73	38.23		
16	Baghabari 71 MW Gas Turbine	Gas	71	489.11	78.64	27.99		
	Baghabari 100 MW Gas Turbine	Gas	100	681.46	77.79	28.12		
17	Rangpur 20 MW Gas Turbine	HSD	20	38.23	21.82	11.77		
18	Saidpur 20 MW Gas Turbine	HSD	20	48.18	27.50	22.30		
19	Barapukuria 2x125 MW ST (COAL)	COAL	220	905.43	46.98	26.81		
	Total (Grid)		3503	15522.99	49.9727			
20	Isolated East	HSD		1.81				
	Isolated West	HSD						
	TOTAL BPDB		3503	15524.80				
	BPDB Station Uses	851.90 GWh						

Sl. No	Name of power plant	Type of fuel	Installed Capacity (As of June) (MW)	Gross Energy Generation (GWh)	Annual Plant factor (%)	Efficiency (%) (Net)	Overall Thermal Efficiency (%) (Net)
	IPP						
1	KPCL (Khulna, BMPP)	FO	105	748.58	81.39		
2	WEST MONT (Baghabari, BMPP)	Gas	70	467.46	76.23		
3	NEPC (Haripur, BMPP)	Gas	71	546.73	87.90		
4	RPCL (Mymensingh)	Gas	175	880.61	57.44		
5	AES, Haripur	Gas	360	2,610.40	82.78		
6	AES, Haripur	Gas	450	3,310.24	83.97		
	Sub-Total IPP		1231	8564.02			
	Rental & SIPP						
1	Bogra Rental (15 Years)	Gas	21	171.55	93.25		
2	Khulna Rental (3 Years)	HSD	40	224.62	64.10		
3	Kumargoan (3 Years)	Gas	50	321.57	73.42		
4	Sahzibazar RPP (3 Years)	Gas	50	301.35	68.80		
5	Sahzibazar RPP (15 Years)	Gas	86	651.62	86.49		
6	Tangail SIPP (22 MW) (BPDB)	Gas	22	152.21	78.98		
7	Feni SIPP (22 MW) (BPDB)	Gas	22	167.95	87.15		
8	Kumargao 10 MW (15 Years)	Gas	10	68.85	78.59		
9	Barabkundu	Gas	22	171.36	88.92		
10	Bhola RPP (34.5 MW)	Gas	33	143.02	49.47		
11	Jangalia , Comilla (33 MW)	Gas	33	209.0202	72.31		
12	Fenchugonj 51 MW Rental (15 Yrs)	Gas	51	381.8754	85.48		
13	Shikalbaha 55 MW Rental (3 Years)	F.oil	53	272.2177	58.63		
14	Malancha		30	125.0743	47.59		
15	Ashugonj 55 MW 3 Years Rental	Gas	55	435.5936	90.41		
16	Thakurgaon 50 MW 3 Years Rental	HSD	47	113.3382	27.53		
17	Fenchugonj 50 MW (Energy Prima)	Gas		0.0000			
18	Ghorashal 45 MW RPP (Aggreko)	HSD	45	226.6720	57.50		
19	Khulna 55 MW RPP 3 yrs (Aggreko)	HSD	53	272.5393	58.70		
20	Ghorashal 100 MW RPP Aggreko)	HSD	100	522.7073	59.67		
21	Pagla 50 MW (DPA)	HSD	49	137.7346	32.09		
22	Bheramara 110 MW 3 Yrs Rental (Quantum)	HSD	105	195.5835	21.26		
23	Shiddirgonj 100 MW Q. Rental 3 Yrs	HSD	96	205.9770	24.49		
24	B.Barua 70 MW QRPP (3 Yrs Aggreco)	Gas	68	185.2693	31.10		
25	Madangonj 100 MW QRPP (5 Yrs Summit)	F.oil	102	200.4981	22.44		
26	Khulna 115 MW QRPP (5 Yrs Summit)	F.oil	115	97.3226	9.66		
27	Ghorashal 78 MW QRPP (3 Yrs Max Power)	Gas	78	29.8780	4.37		
28	Noapara 40 MW QRPP (5 Yrs Khan Jahan Ali)	F.oil	40	42.0538	12.00		
29	Ashugonj 80 MW QRPP (3 Yrs Aggreco)	Gas	80	61.9476	8.84		
30	Noapara 105 MW RPP (5 Yrs Quantum)	F.oil		2.7798			
31	Ashugonj 53 MW Q. Rental PP (3 Years, United)	Gas	53	20.0244	4.31		
32	Meghnagat 100 MW QRPP (5 Yrs) IEL	F.oil	100	126.1080	14.40		
33	Bogra RPP 3 Yrs (Energy Prima)	Gas		9.2381			
	Sub-Total Rental & SIPP		1709	6247.54			
	Total Private (Net Generation)		2940	14,811.563			
	BPDB Net Generation			14,672.94			
	Total Net Generation (BPDB+IPP Net)			29,484.50			
	Total Generation (BPDB Gross+IPP& Rental net)		6413	30,336.37			

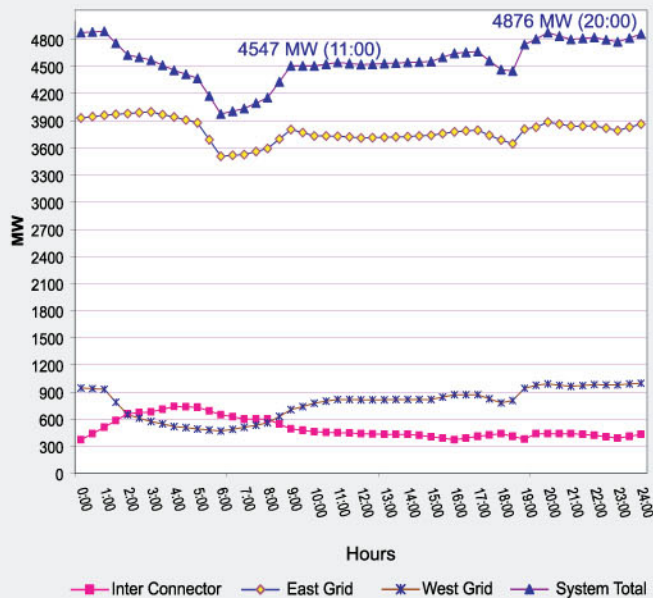
31.00

COST OF FUEL AT DIFFERENT TYPE OF PUBLIC SECTOR GENERATION (Taka/kWh)

Name Of Plant	East Zone		West Zone	
	2009-10	2010-11	2009-10	2010-11
Diesel Station	----	----	15.687	25.67
Gas Turbine(Oil Fired)	----	----	18.803	22.105
Gas Turbine(Gas Fired)	1.084	1.233	1.01	1.02
Combined Cycle (Gas Fired)	0.862	0.798	----	----
Steam Turbine (Oil Fired)	----	----	10.924	11.49
Steam Turbine (Gas Fired)	1.16	0.85	----	----
Steam Turbine (Coal Fired)	----	----	2.009	2.74
Overall Fuel Cost Per Unit of Thermal Generation	0.883	0.921	3.768	5.05

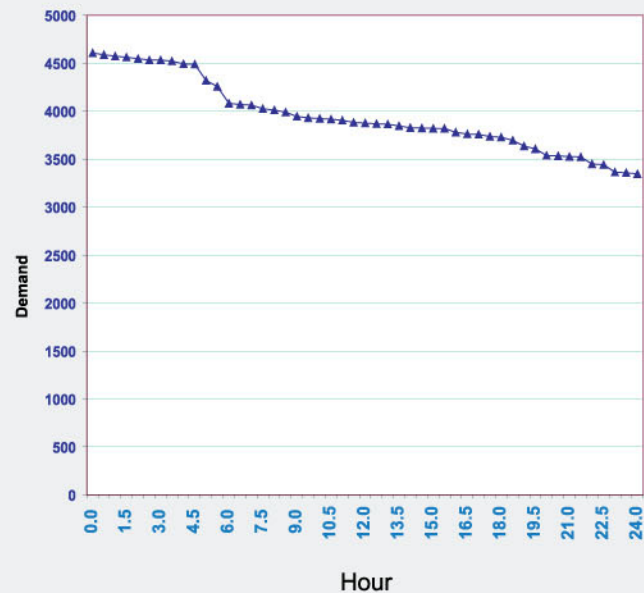
DAILY LOAD CURVE

Date: 13 June 2011



Source: Power Grid Company Of Bangladesh (PGCB)

LOAD DURATION CURVE



TRANSMISSION

SUMMARY

01	230 kV Transmission Line (Circuit km)	2,647
02	132 kV Transmission Line (Circuit km)	5,969
	Total Transmission Line (Circuit km)	8,616
03	No. of 230/132 kV Sub-Station	15
04	No. of 132/33 kV Sub-Station	99
	Total no. of Sub-Station	104
05	230/132 kV Sub-Station Capacity (MVA)	7,225
06	132/33 kV Sub-Station Capacity (MVA)	10,492
	Total Sub-Station Capacity (MVA)	17,717
07	Transmission Loss (%)	3.31 %

CIRCLE WISE SUBSTATIONS CAPACITY (MVA)

As of June 2011

230/132 kV Sub-stations

Name of Grid Circle	PGCB		PDB		DPDC & Others	
	No of S /S	Total MVA	No of S /S	Total MVA	No of S/S	Total MVA
Dhaka	5	3375		250		
Chittagong	1	600	1			
Comilla	1	450			1	300
Khulna	1	450				
Bogra	4+1(Switch)	1800				
Total	13	6675	1	250	1	300
Grand Total			7225			

132/33 kV Sub-stations

Name of Grid Circle	PGCB		PDB		DPDC & Others	
	No of S /S	Total MVA	No of S /S	Total MVA	No of S/S	Total MVA
Dhaka	21	3013	1	100	12	1645
Chittagong	11	1317	2	103	1	30
Comilla	11	1062	1	41	1	116
Khulna	19	1531			Bheramara GK Project	20
Bogra	19	1514				
Total	81	8437	4	244	14	1811
Grand Total			10492			

LIST OF TRANSMISSION LINES

(As on June 2011)

230 kV Transmission Lines

Sl. No.	Name of Lines	Lenth in Route kilometers	Lenth in Ckt kilometers	No. of Ckt.	Conductor	
					Name	Size
1	Ghorasal-Ishurdi (1st EWI)	178.00	356.00	Double	Mallard	795 MCM
2	Tongi - Ghorasal	27.00	54.00	Double	Mallard	795 MCM
3	Ghorasal - Ashuganj	44.00	88.00	Double	Mallard	795 MCM
4	Raojan - Hathazari	22.50	45.00	Double	Twin 300 sq.mm	
5	Ashuganj - Comilla North	79.00	158.00	Double	Finch	1113 MCM
6	Ghorasal - Rampura	50.00	100.00	Double	Twin Mallard	2x795 MCM
7	Rampura - Haripur	28.00	56.00	Double	Twin Mallard	2x795 MCM
8	Haripur - Meghnaghat	12.50	25.00	Double	Twin Mallard	2x795 MCM
9	Meghnaghat - Hasnabad	26.00	52.00	Double	Twin Mallard	2x795 MCM
10	Comilla North - Hathazari	150.00	300.00	Double	Finch	1113 MCM
11	AES, Haripur - Haripur	2.40	4.80	Double	Finch	1113 MCM
12	Comilla North - Meghnaghat	58.00	116.00	Double	Twin Mallard	2x795 MCM
13	Hasnabad - Aminbazar - Tongi	46.50	93.00	Double	Twin AAAC	37/4.176 mm
14	Siddhirganj 210 MW P/S - Haripur	1.50	1.50	Single	ACSR	600 sq. mm
15	Ashuganj - Sirajganj (2nd EWI)	143.00	286.00	Double	Twin AAAC	37/4.176 mm
16	Khulna - Ishurdi	185.00	370.00	Double	Twin AAAC	37/4.176 mm
17	Bogra-Barapukuria	106.00	212.00	Double	Twin AAAC	37/4.176 mm
18	Sirajganj-Bogra	72.00	144.00	Double	Twin AAAC	37/4.176 mm
19	Ishurdi-Baghabari	55.00	110.00	Double	Twin AAAC	37/4.176 mm
20	Baghabari-Sirajganj	38.00	76.00	Double	Twin AAAC	37/4.176 mm
	Total	1324.40	2647.30			

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	26	Double	Grosbeak	636 MCM
05	Comilla South - Chandpur	61	122	Double	Linnet + Grosbeak	(336.4 + 636) MCM
06	Comilla North - Comilla South	16	32	Double	Grosbeak	636 MCM
07	Ashuganj - Jamalpur	166	332	Double	Grosbeak	636 MCM
08	Madanhat - Sikalbaha	13	26	Double	Grosbeak	636 MCM
09	Sikalbaha - Dohazari	35	70	Double	Grosbeak	636 MCM
10	Sikalbaha - Halishahar	13	13	Single	AAAC	804 sq.mm
11	Kulshi - Baraulia	13	26	Double	Grosbeak	636 MCM
12	Madanhat - Kulshi	13	13	Single	Grosbeak	636 MCM
13	Madanhat - Kulshi	13	13	Single	Grosbeak	636 MCM
14	Kaptai - Baraulia	58	116	Double	Grosbeak	636 MCM
15	Dohazari - Cox's Bazar	87	174	Double	Grosbeak	636 MCM
16	Feni - Chowmuhani	32	64	Double	Grosbeak	636 MCM
17	Baraulia - Kabir Steel	4	4	Single	Grosbeak	636 MCM
18	Mymensingh - Netrokona	34	68	Double	Grosbeak	636 MCM
19	Goalpara - Ishurdi	169	338	Double	AAAC	804 MCM
20	Ishurdi - Bogra	103	206	Double	AAAC	804 MCM
21	Bogra - Saidpur	140	280	Double	AAAC	804 MCM
22	Saidpur - Thakurgaon	64	128	Double	AAAC	804 MCM
23	Goalpara - Bagerhat	45	45	Single	AAAC	804 MCM
24	Barisal - Bhandaria - Bagerhat	80	80	Single	HAWK	477 MCM
25	Bagerhat - Mangla	31	31	Single	HAWK	477 MCM
26	Barisal - Patuakhali	37	37	Single	Grosbeak	636 MCM

Sl. No.	Name of Lines	Lenth in Route kilometers	Lenth in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
27	Bheramara - Faridpur - Barisal	225	450	Double	HAWK	477 MCM
28	Rajshahi - Natore	40	40	Single	HAWK	477 MCM
29	Ishurdi - Baghabari - Shahjadpur	57	57	Single	HAWK	477 MCM
30	Ishurdi - Pabna - Shahjadpur	56	56	Single	Grosbeak	636 MCM
31	Bogra - Sirajganj - Shahjadpur	100	200	Double	Grosbeak	636 MCM
32	Rajshahi - Nawabganj	47	94	Double	Grosbeak	636 MCM
33	Rangpur - Lalmonirhat	38	38	Single	Grosbeak	636 MCM
34	Bogra - Noagaon	52	104	Double	Grosbeak	636 MCM
35	Kabirpur - Tangail	51	102	Double	Grosbeak	636 MCM
36	Tongi - Mirpur - Kall.pur - Hasbad	49	98	Double	Grosbeak	636 MCM
37	Hasnabad - Shyampur - Haripur	40	80	Double	Grosbeak	636 MCM
38	Siddhirganj - Ullon	16	32	Double	Grosbeak	636 MCM
39	Siddhirganj - Maniknagar	10	10	Single	Grosbeak	636 MCM
40	Siddhirganj - Maniknagar	10	10	Single	Grosbeak	636 MCM
41	Maniknagar - Narinda	5	10	Double	Cu.Cable	240 sq.mm
42	Ullon - Dhanmondi	5.5	11	Double	Cu.Cable	240 sq.mm
	Ullon - Dhanmondi	5.5	11	Double	XLPE	800 sq.mm
43	Tongi - Kabirpur - Manikganj	56	112	Double	Grosbeak	636 MCM
44	Ullon - Rampura -Tongi	23	46	Double	Grosbeak	636 MCM
45	Moghbazar In Out Ullon -Ramp.	3	6	Double	Grosbeak	636 MCM
46	Ghorasal - Joydebpur	26	52	Double	Grosbeak	636 MCM
47	Baghabari - Shahjadpur	7	14	Double	Grosbeak	636 MCM
48	Chandpur - Chowmuhani	75	150	Double	Grosbeak	636 MCM
49	Barapukuria-Rangpur	45	90	Double	Grosbeak	636 MCM
50	Barapukuria-Saidpur	36	72	Double	Grosbeak	636 MCM
51	Madaripur-Gopalganj	45	45	Single	AAAC	804 MCM
52	Khulna(C)-Khulna(S)	9	18	Double	Twin AAAC	37/4.176 mm.
53	Khulna(S)-Satkhira	56	56	Single	AAAC	804 MCM
54	Rajshahi - Natore	40	40	Single	Grosbeak	636 MCM
55	Matuail In-Out from Hari-Manik	5.5	11	Double	Grosbeak	636 MCM
56	Rampura-Gulshan U/G Cable	3.3	6.6	Double	XLPE	800 sq.mm
57	Sikalbaha-Bakulia	4	8	Double	Grosbeak	636 MCM
58	Julda-Shahmirpur	7	14	Double	Grosbeak	636 MCM
59	Kamrangirchar In-Out from Has-Kal	3	6	Double	Grosbeak	636 MCM
60	Kulshi-Bakulia	15	30	Double	Grosbeak	636 MCM
61	Haripur-Maniknagar	12	12	Single	Grosbeak	636 MCM
62	Joydebpur-Kabirpur	15	30	Double	Grosbeak	636 MCM
63	Sikalbaha-Shahmirpur	9	18	Double	Grosbeak	636 MCM
64	Kulshi-Halishahar (Open at Kulshi)	13	13	Single	Grosbeak	636 MCM
65	Bogra Old-Bogra New	1	2	Double	Twin AAAC	37/4.176 mm.
66	Ashuganj-Shahjibazar Single Ckt.	53	53	Single	Grosbeak	636 MCM
67	Khulna (S) - Gallamari	4.2	8.4	Double	Grosbeak	636 MCM
68	Noagaon-Niamotpur	46	46	Single	AAAC	804 MCM
69	Aminbazar-Savar	13	26	Double	Grosbeak	636 MCM

Sl. No.	Name of Lines	Lenth in Route kilometers	Lenth in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
70	Jhenaidah-Magura	26	26	Single	Grosbeak	636 MCM
71	Jhenaidah-Chuadanga	39	39	Single	Grosbeak	636 MCM
72	Naogaon-Joypurhat	46	46	Single	Grosbeak	636 MCM
73	Thakurgoan-Panchagor	45	45	Single	Grosbeak	636 MCM
74	Megnaghat S/S to Megnaghat Rental PP	5	10	Double	Grosbeak	636 MCM
75	Shiddhirganj to Shiddhirganj Dutch Bangla PP	2.4	4.8	Doube	Grosbeak	636 MCM
76	In-out at Ashuganj-Shahjibazar 132 kV line to B.Barua	11.1	44.4	Four	Grosbeak	636 MCM
77	In-out at Haripur-Daudkandi 132 kV line to Meghnaghat	10.26	41.04	Four	Grosbeak	636 MCM
78	In-out at Megnaghat-Comilla(N) 132 kV line to Daudkandi	19.5	78	Four	Grosbeak	636 MCM
Total		3437.26	5969.2			



Sector Leaders Workshop at Bidduth Bhaban



Winners of 'Electricity Week-2010' Award

DISTRIBUTION

SUMMARY

Sl. No.		South zone (Chittagong)	South zone (Comilla)	North Zone (Rajshahi)	North Zone (Rongpur)	Central Zone (Mymensingh)	Central Zone (Sylhet)	Total
1	Sub-Station Capacity (MVA)	878/1006	334/380	560/733	285/228	348/340	223/227	2631/ 2914
2	Transformer Capacity (MVA)	836	312	496	274	426	287	2631
3	Distribution Lines (km)	7582	3605	5073	4002	8120	4982	33364
4	Total no. of Consumers	558823	309499	453396	239208	382219	216752	2159897
5	Distribution System Loss (%)	10.08	12.29	13.52	15.85	16.17	19.34	13.06



Workshop on Unified Qualitative Prepaid Meter

RETAIL SALES BY BPDB

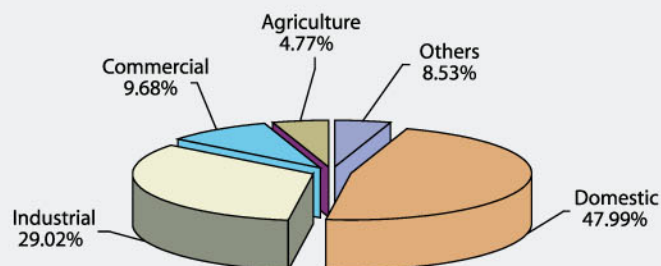
Year	BPDB zones
2004-05	4,794.64
2005-06	4,193.06
2006-07	4,425.70
2007-08	4,813.96
2008-09	5,222.52
2009-10	5,863.30
2010-11	6,379.65



Chairman BPDB, A S M Alamgir Kabir presiding over a review meeting on irrigation management.

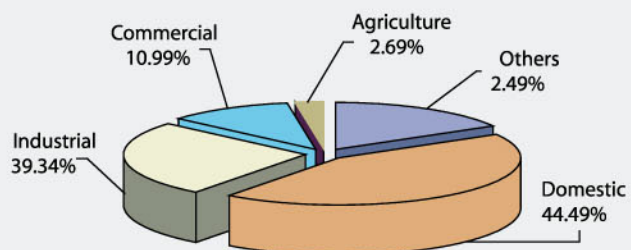
FY 2011

Consumption Pattern of The Country



Total Consumption : 26,578 MkWh

Consumption Pattern of BPDB



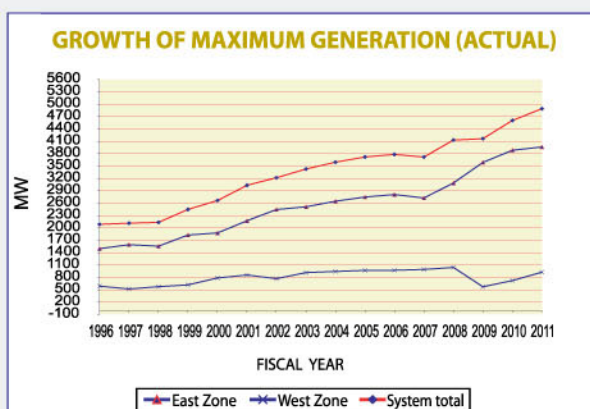
Total Consumption : 6,380 MkWh

CONSUMER GROWTH

Number of Consumers (Category wise)

Year	Domestic	Agriculture	Small Industrial	Small Commercial	Large Inds. & Comm.	REB	DPDC/ Others	DESCO	WZPDCL	Others	Total	% Increase Over the Preceding Year
	A	B	C	E	F+H	I	G	G1	G2	D+J		
1981-82	390,450	5,549	40,703	204,834	1,403	16				2,121	645,076	
1982-83	418,532	6,603	34,595	205,629	1,531	22				2,287	669,199	3.74
1983-84	461,043	7,754	35,762	214,250	1,632	25				7,119	727,585	8.72
1984-85	518,532	8,637	39,730	226,670	1,657	33				8,508	803,767	10.47
1985-86	574,907	11,773	42,688	244,703	1,798	37				12,704	888,610	10.56
1986-87	632,814	10,885	45,666	257,510	1,931	48				14,238	963,092	8.38
1987-88	697,254	12,279	47,057	266,258	1,922	51				13,568	1,038,389	7.82
1988-89	784,951	14,104	48,659	285,629	2,027	59				16,253	1,151,682	10.91
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	5	1	1	23450	1,648,415	8.53
2007-08	1,385,424	21,191	37,065	312,041	2,299	185	5	1	1	25083	1,783,295	8.18
2008-09	1,495,195	25,175	39,114	333,818	2,534	185	5	1	1	26333	1,922,361	7.80
2009-10	1,621,596	28,724	40,903	345,605	2,689	185	6	1	1	27628	2,067,338	7.54
2010-11	1,704,936	30,523	41,607	35,673	2,846	185	7	1	1	2746	2,159,625	4.46

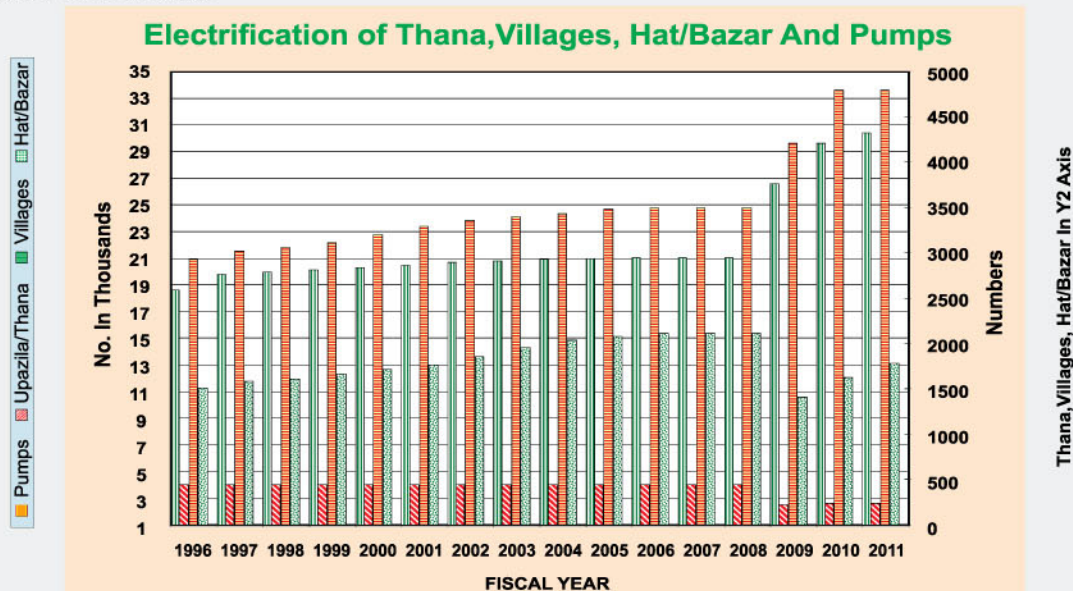
A=Residential Light & power, B=Agricultural pump, C= Small Industry, D=Non residential light & power, E=Commercial, F=Medium voltage general purpose, G=DPDC/Others H=High voltage general purpose, I= High voltage bulk supply for REB/PBS, J=Street light and water pump



ELECTRIFICATION OF THANA, VILLAGES, HATBAZAR AND PUMPS

YEAR	Upazila/Thana (Nos.)	Village (Nos.)	Hat/Bazar (Nos.)	Deep, Shallow & Low Lift Pumps (Nos.)
1979-80	357	1675	506	4406
1980-81	377	1675	786	6155
1981-82	388	1956	903	7270
1982-83	403	2054	1050	8287
1983-84	417	2104	1078	8559
1984-85	422	2191	1096	8762
1985-86	432	2361	1181	9368
1986-87	437	2461	1231	9593
1987-88	437	2561	1275	9875
1988-89	438	2612	1326	10428
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
2008-09	221	4,204	1,410	26,572
2009-10 *	236	4,792	1,626	29,626
2010-11 *	236	4,792	1,780	30,405

* Excluding DPDC, DESCO, WZPDCO & REB



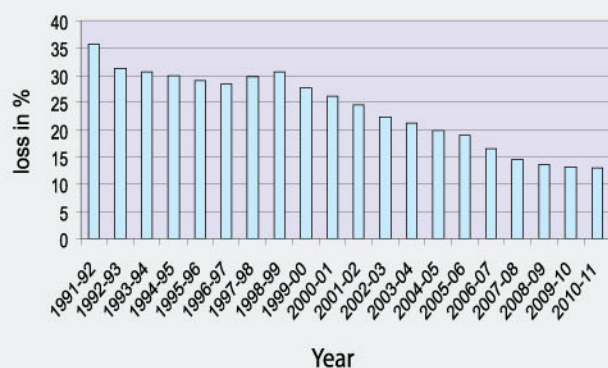
DISTRIBUTION SYSTEM LOSS

Year	Distribution System loss In %
1991-92	35.79
1992-93	31.24
1993-94	30.72
1994-95	29.94
1995-96	29.09
1996-97	28.28
1997-98	29.82
1998-99	30.56
1999-00	27.73
2000-01	26.11
2001-02	24.5
2002-03	22.35
2003-04	21.33
2004-05	20.00
2005-06	19.06
2006-07	16.58
2007-08	14.43
2008-09	13.57
2009-10	13.10
2010-11	13.06

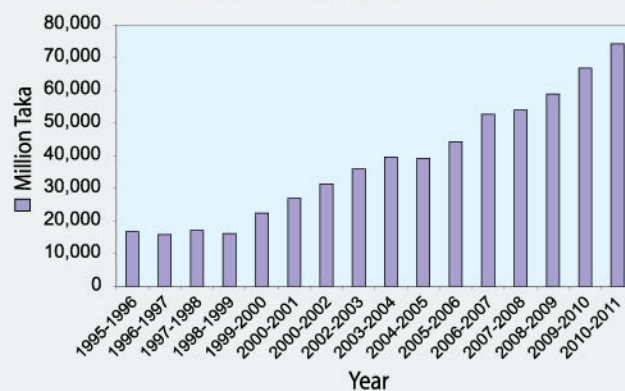
NET REVENUE COLLECTION

Year	Million Taka	% of Change
1990-1991	8,982	-3.11
1991-1992	12,050	34.16
1992-1993	13,119	8.87
1993-1994	14,052	7.11
1994-1995	15,685	11.62
1995-1996	16,791	7.05
1996-1997	16,015	-4.62
1997-1998	17,199	7.39
1998-1999	16,235	-5.61
1999-2000	22,450	38.28
2000-2001	27,017	20.34
2000-2002	31,373	16.12
2002-2003	36,066	14.96
2003-2004	39,608	9.82
2004-2005	39,177	-1.09
2005-2006	44,284	13.03
2006-2007	52,799	19.23
2007-2008	54,060	2.39
2008-2009	58,922	8.99
2009-2010	66,776	13.33
2010-2011	74,303	11.27

Distribution System Loss



Net Revenue Collection



List of Distribution Sub-stations

(As of June 2011)

Sl. No.	Name of the Division	Name of the 33/11 KV Sub-station	Capacity (MVA)	Maximum Demand (MW)
---------	----------------------	----------------------------------	----------------	---------------------

Chittagong Zone

O & M Circle, Chatta-Metro (East)				
1	S & D Patharghata	Patharghata	2x16/20	31
2	S & D Stadium	Stadium	2x16/20	28.5
		Madarbari	2x16/20	26
3	S & D Sholoshar	Sholoshar	48/52	44
4	S & D Kalurghat	Kalurghat	2x16/20	26
		Muradpur	2x16/20	31
5	S & D Bakalia	Bakalia	2x16/20	26
O & M Circle, Chatta-Metro (West)				
6	S & D Agrabad	Agrabad	2x16/20	36.5
7	S & D Rampur	Rampur	2x16/20	17
8	S & D Khulshi	Khulshi	2x16/20	14
		Jalalabad	2x16/20	32
9	S & D Pahartali	Pahartali	2x16/20	28
10	S & D Halisahar	Halisahar	2x16/20	12
		Newmooring	2x16/20	24
		Patenga	2x16/20	8
O & M Circle, Chatta-Metro (North)				
11	Dis.Div. Fouzderhat	Fouzderhat	2x16/20	25
		Baroulia	2x16/20	15
		Barabkunda	2x16/20	22
12	S & D, Hathazari	Hathazari	1x16/20 1x10	26
13	S & D Mohara	Mohara	2x16/20	12.8
O & M Circle, Chatta-Metro (South)				
14	Dist. Divn. Patiya	Patiya	2x10/12.5	7.5
		Fishharbor	2x10/12.5	10
		Shikalbaha- Julda	1x16/20	39
		Dohazari	1x16/20	6
		Satkania	1x5	4.5
		Julda	2x16/20	18
15	Dist. Divn. Cox's Bazar	Zilonza	2x16/20	22
		Aziznagar	1x6.25	2
		Chakaria	1x10/12.5	5

Sl. No.	Name of the Division	Name of the 33/11 KV Sub-station	Capacity (MVA)	Maximum Demand (MW)
---------	----------------------	----------------------------------	----------------	---------------------

O & M Circle, Rangamati

16	Dist. Divn. Rangamati	Vedvedi (Rangamati)	2x5	7.75
		Majerbosti	1x10/13.33	4.65
		Kaptai	2x3+2x16/10	27.5
		Kaptai (132/11)	1x20	5
17	Dist. Divn. Khagrachari	Jalipara	3x1.667	1.2
		Ramghar	3x1.667	2.2
		Khagrachari	3x1.667	2.5
		Dighinala	3x1.667	3.5
		Mohalchari	3x1.667	1.25
18	Dist. Divn. Bandarban	Adjacent to Office	1x5	3.5
		Kasing Ghata	3x1.67	2
	Sub Total		878.25/1006.33	659.85

Comilla Zone

O & M Circle, Comilla				
19	S & D-1, Comilla	Kotbari	2x10/13.33	15
		Palpara	1x1.6	4
		Kaliajori	2x10/13.33	15
20	S & D-2, Comilla	Balutupa	2x10/13.33	12
		Chouddagram	1x3	4.5
21	S & D-3, Comilla	Jangalia	2x10/13.33	20
		Daulatgonj	1x10	7.5
			1x5	
22	S & D, Chandpur	Balur Math	2x10/13.33	11
		Puran Bazar	5 1x10/13.33	8
23	Dist. Divn. B. Baria	Kalabagan	1x10/13.33 1x5	12
		Datiara	1x10/13.33 1x15/20	25
		Ghatura	1x10/13.33 1x5	16
		ZFCL	1x10/13.33 1x5	7.5
		Shabazpur	2x5	6

Sl. No.	Name of the Division	Name of the 33/11 KV Sub-station	Capacity (MVA)	Maximum Demand (MW)
---------	----------------------	----------------------------------	----------------	---------------------

O & M Circle, Noakhali				
24	Dist. Divn. Noakhali	Maijdee	2x10/13.33	15
		Datterhat	2x10/13.33	11
		Chamuhani	2x10/13.33	12
25	S & D, Laxmipur	Laxmipur	2x10/13.33	6.5
26	Dist. Divn. Feni	Feni	3x10/13.33	26
		Dagonbuyan	1x10/13.33	8.25
	Sub Total		334.1/379.91	242.25

Central Zone, Mymensingh

O & M Circle, Mymensingh				
27	S & D (N)	Akua	2x10/13.33	18
		Shambuganj	2X5	20
		Fulpur	1x5 + 1x2.5	7.5
		Gauripur	2x5	5
28	S & D -(S)	Kewatkhali	3x10/13.33	24
		Batircal	2x10/13.33	12
		Trisal	1x5	3
		Bhaluka	1x5	3.5
		Goffargoan	2x5	2.5
29	Netrokona E/S	Satpai Netrokona	2x10/13.3	8.5
30	Bhairab E/S	Bhairab	2x10/13.33	17
31	Sherpur E/S	Sherpur	2x10/13.33	20
32	Dist. Divn. Kishoregonj	Josodal	1x10/13.33	9.5
		Mollapara	2x10/13.33	3.25
		Sararchar	1x5/6.67	5
O & M Circle, Tangail				
33	S & D Tangail	Batka	2x10/13.33	22
		Kachuadanga	2x10/13.33	8
34	Dist. Divn. Tangail	Bhuapur	2x5	10
		Ghatail	2x10/13.33	22
		Kalihati	3x5	14
		Shakipur	2x5	12
35	Dist. Divn. Jamalpur	Shekhervita	2x10/13.33	12
		New WAPDA	1x10/13.33	5
		Sharishabari	2x5	8
	Sub Total		347.5/339.92	271.75

Sl. No.	Name of the Division	Name of the 33/11 KV Sub-station	Capacity (MVA)	Maximum Demand (MW)
---------	----------------------	----------------------------------	----------------	---------------------

Sylhet Zone

O & M Circle, Sylhet				
36	S & D-1	Ambarkhana	3x10/13.33	25
		Kumargaon	2x10/13.33	19
37	S & D-2	Upashahar	2x10/13.33	22
		Botessor	1x10/13.33 1x5	12.7
38	S & D-3	Boroikandi	2x10/13.33	16
O & M Circle, Moulovibazar				
39	Dist. Divn. Sylhet	Sunamgonj	2x5	13
		Chattak	1x10/13.33	6
		Braikandi	2x10/13.33	3.5
		beteshor	1x10/1x5	3
40	Dist. Divn. Moulovibazar	Bagbari	2x10/13.33	9
		Moulvibazar 33 kV	2x10/13.33	12.9
		Hobigonj	2x5/1x2.5	8.4
41	S & D, Kulaura	Kulaura	2x5	7
	Sub Total		222.5/226.61	157.50

Rajshahi Zone

O & M Circle, PDB, Rajshahi				
42	S & D-1	Talaimary	3x10/13.33	22
		Katakhali	2x10/13.33	
43	S & D-2	Horogram	2x20/13.33	14.5
44	S & D-3	Shalbagan	2x10/13.33	22
		Bimanbondor	2x10/13.33	
45	S & D-4	City Central	2x10/13.33	12.5
		Godagari	1.667x3+1x5	6
46	Chapai Nowabgonj	Hujrapur	2x10/13.33	14
		Rohanpur	2x5	8.5
		Shibgonj	1x5	4.5
		Bot Talar Hat	2x10/13.33	6
47	Natore E/S	Horispur	2x10/13.33	5.2
		Alaipur	2x10/13.33	4.6

O & M Circle, PDB, Pabna				
48	S & D-1	Lashkarpur	2x10/13.33	15
49	S & D-2	Noorpur	1x10/13.33	7
		Satiani	2x10/13.33	10
50	Ishurdi E/S	Joynagor	2x10/13.33	12
		Patillakhali	2x10/13.33	8
51	Sirajgonj E/S	Bahirgola	2x10/13.33	16
		Raypur	2x10/13.33	

Sl. No.	Name of the Division	Name of the 33/11 KV Sub-station	Capacity (MVA)	Maximum Demand (MW)
---------	----------------------	----------------------------------	----------------	---------------------

O & M Circle, PDB, Bogra

52	S & D-1	Rahman Nagar	2x10/13.33	18
53	S & D-2	Shibbati	2x10/13.33	38
		Puran Bogra	3x10/13.33	
54	Dist. Divn. Bogra	Sherpur	3x5	9.5
		Dupchachia	2x5	7.5
55	Naogaon	Kathaltoli	4x10/13.33	27
		Baludanga	2x10/13.33	0
56	Joypurhat	Joypurhat	1x10/13.33	7.5
	Sub Total		560/733.15	295.3

Rangpur Zone

O & M Circle, Rangpur

57	S & D-1	Lalbag	2x10/13.45	16.95
58	S & D-2	Katkipara	2x10/13.55	16.6
59	Dist. Divn. Sayedpur	Golahat	1x10/13.33	5.5
		Niamotpur	2x10/13.33	9.5
60	Dist. Divn. Gaibandha	Gaibandha	2x10/13.61	13.7
		Gobindogonj	1x5 1x2.8	3.7
		Palashbari	1x2.5	1.8
61	Dist. Div. Rangpur	Domar	1x5 3x1.667	7.5
		Nilphamari	2x5	6.7
		Jaldhaka	1x2.5	1.75
		Kurigram	2x5	5.1
		Hatibandha	1x5	1.6
		Patgram	1x5	4.2
62	Dist. Divn. Lalmonirhat	Kaligonj	2x5 1x1.5	6.9
		Lalmonirhat	2x5	6.3

O & M Circle, Dinajpur

63	S & D-1	Fakirpara	2x10/13.33	8.7
		Parbatipur	1x6.67	4
		Setabgonj	1x6.67	3.4
64	S & D-2	Balubari	2x10/13.33	13.5
		Phulbari	2x5	4.75
65	Dist. Divn. Thakurgaon	Goalpara	2x10/13.33	7.5
		PS	2x6.25	2
		Panchagar	2x10/13.33	5.2
		Mathafata	1x5	3.75
	Sub Total		285.14/227.85	160.6
	Total		2631/2914	1787.25

List of Distribution Transformer

(As of June 2011)

Name of ESU/Division	Distribution X-former												
	33/0.4 KV X-former					11/0.4 KV X-former							
	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	Other KVA (Nos.)	Total Capacity (MVA)	500 KVA (Nos.)	315 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	Total Capacity (MVA)

Chittagong Zone

O & M Circle, Chatta-Metro (East)													
S & D Patharghata	0	1	1	0	0.3	0	0	175	55	15	1	0	56.3
S & D Stadium	0	0	2	0	0.2	0	0	102	43	20	0	2	36.1
S & D Sholoshar	0	0	1	0	0.1	0	0	143	27	23	0	0	43.45
S & D Kalurghat	0	0	0	0	0	0	0	135	45	8	0	0	43.6
S & D Bakalia	0	0	0	0	0	0	0	118	32	22	0	0	38
S & Madarbari	0	1	0	0	0.2	1	0	110	21	5	0	0	32.7
O & M Circle, Chatta-Metro (West)													
S & D Agrabad	0	0	1	0	0.1	0	0	171	28	22	0	0	50.55
S & D Khulshi	2	0	0	0	0.4	0	0	133	23	15	0	0	39.35
S & D Halisahar	0	0	0	0	0	0	0	162	26	30	0	4	48.7
S & D Pahartali	0	0	0	0	0	0	0	140	48	23	0	0	46.9
S & D Rampur	0	1	0	0	0.2	0	0	96	11	21	0	0	28
O & M Circle, Chatta-Metro (North)													
DD- Fouzderhat	0	0	2	0	0.2	0	0	107	52	45	3	141	153.5
S & D, Hathazari	0	0	2	0	0.2	1	0	41	28	73	3	6	23.8
S & D Mohara	0	0	0	0	0	0	0	42	26	28	0	0	18.5
O & M Circle, Chatta-Metro (South)													
Dist. Divn. Patiya	0	1	5	0	0.7	1	0	72	54	59	2	38	76.18
Dist. Divn. Cox's Bazar	0	0	0	0	0	0	0	75	68	122	19	36	48.5
O & M Circle, Rangamati													
Dist. Divn. Rangamati	0	3	0	10	2.42	3	1	4	32	148	22	8	23
Dist. Divn. Khagrachari	0	1	0	1	1	0	0	8	11	76	21	38	14
Dist. Divn. Bandarban	0	0	0	0	0	0	0	2	13	50	10	5	8.675
Sub Total	2	8	113	11	6.02	6	1	1836	643	805	81	278	829.805

Comilla Zone

O & M Circle, Comilla													
S & D-1, Comilla	0	0	0	0	0	1	0	15	127	152	1	2	44.95
S & D-2, Comilla	0	0	1	0	0.1	0	0	6	114	99	1	14	35.10
S & D-3, Comilla	0	0	0	0	0	0	0	28	78	119	2	5	34.73
S & D, Chandpur	0	0	1	0	0.1	0	0	36	58	55	0	2	26.15
Dist. Divi. B-Baria	0	0	1	0	0.1	0	0	78	225	208	1	1	85.38
O & M Circle, Noakhali													
Dist. Divn. Noakhali	0	0	0	0	0	0	0	23	98	128	2	1	38.28
S & D, Laxmipur	0	3	0	0	0.6	0	0	21	24	23	0	0	12.35
Dist. Divi. Feni	0	0	0	0	0	0	0	39	68	109	3	0	34.4
Sub Total	0	3	3	0	0.9	1	0	246	792	893	10	25	311.34

Central Zone, Mymensingh

O & M Circle, Mymensingh													
S & D - (N)	0	0	0	0	0	1	0	10	235	262	17	0	77.05
S & D - (S)	0	6	0	1	1.7	4	0	38	200	317	21	10	86.03
Bhairab E/S	1	5	0	7	3.95	0	0	10	65	82	0	0	23.7
Dist. Divi. Kishorgonj	0	0	0	0	0	0	0	14	19	23	4	0	9.8
Dist. Divi. Sherpur	0	0	0	0	0	1	0	46	132	172	4	33	56.24
Netrokona E/S	0	0	1	0	0.1	1	0	5	40	56	0	0	15.35
O & M Circle, Tangail													
Dist. Divi. Tangail	0	0	4	0	0.4	1	0	50	210	460	13	10	90.55
S & D Tangail	0	0	2	0	0.2	0	0	17	52	136	0	0	28.25
Dist. Divi. Jamalpur	0	0	0	5	0.4	0	0	29	78	95	6	0	32.65
Sub Total	1	11	7	13	6.75	8	0	219	1031	1603	65	53	419.62

Name of ESU/Division	Distribution X-former												
	33/0.4 KV X-former					11/0.4 KV X-former							
	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	Others 100 KVA (Nos.)	Total Capacity (MVA)	500 KVA (Nos.)	315 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	Total Capacity (MVA)

Sylhet Zone

O & M Circle, Sylhet													
S & D 1	0	0	0	0	0	2	0	29	234	148	4	5	70
S & D 2	0	0	2	0	0.2	0	0	12	184	98	0	0	49.6
S & D 3	0	0	0	0	0	1	4	5	67	97	7	25	28.12
O & M Circle, Moulvibazar													
Dist. Divi. Moulvibazar	0	2	0	0	0.4	0	1	8	47	29	1	1	14.67
Hobigonj E/S	0	0	0	0	0	0	0	14	46	48	8	0	17.9
Kulaura E/S	0	0	0	0	0	0	0	6	24	62	1	15	12.7
Dist. Div. Sylhet	0	17	2	1	4.1	0	0	10	341	110	30	161	89.21
Sub Total	0	19	4	1	4.7	3	5	84	943	592	51	207	282.2

Rajshahi Zone

O & M Circle, Rajshahi													
S & D-1, Rajshahi	0	0	0	0	0	0	0	29	39	161	7	0	31.5
S & D-2, Rajshahi	0	0	0	0	0	0	0	20	38	136	3	2	24.19
S & D-3, Rajshahi	0	0	0	0	0	0	0	37	93	182	7	53	47.65
S & D-4, Rajshahi	0	0	0	0	0	1	0	63	61	63	1	6	36.63
Natore E/S	0	0	0	0	0	0	0	11	31	47	3	24	14.4
Chapai Nowabgonj E/S	0	0	0	0	0	0	0	25	48	180	0	3	41.09
O & M Circle, Bogra													
S & D-1	0	0	0	0	0	0	0	10	88	84	1	0	28.78
S & D-2	0	0	0	0	0	1	0	29	70	162	2	0	43.325
Dist. Divn. Bogra	1	2	0	0	0.65	1	0	41	177	261	7	4	76
Naogaon	0	0	0	0	0	0	0	20	90	138	18	34	38.676
Joypurhat	0	0	0	0	0	1	0	13	12	51	10	0	11.2
O & M Circle, Pabna													
S & D-1	0	0	0	0	0	0	0	7	74	41	0	2	20.65
S & D-2	0	0	0	0	0	0	0	11	91	53	0	0	26.25
Ishurdi	0	3	0	0	0.6	0	0	4	62	105	0	8	24.68
Sirajgonj	0	3	0	0	0.6	0	1	15	97	46	2	1	28.86
Sub Total	1	8	0	0	1.85	4	1	335	1071	1710	61	137	493.881

Rangpur Zone

O & M Circle Rangpur													
S & D-1	0	0	1	0	0.1	1	0	26	78	70	2	2	29.75
S & D-2	0	0	1	0	0.1	0	0	16	50	55	2	0	19.6
Dist. Divi. Rangpur	1	3	5	0	1.35	5	0	34	109	198	13	2	53.3
Sayedpur E/S	0	0	2	0	0.2	10	0	14	70	52	2	0	27.8
Dist. Divi. Gaibandha	3	6	2	0	2.15	1	0	12	91	110	4	1	32.93
O & M Circle Dinajpur													
S & D-1, Dinajpur	0	0	4	0	0.4	0	0	24	87	82	6	8	32.1
S & D-2, Dinajpur	0	4	0	0	0.8	0	-	21	130	47	1	2	36.05
Dist. Divn. Thakurgaon	0	0	3	0	0.3	9	-	29	43	164	11	2	37.35
Sub Total	4	13	18	0	5.4	26	0	176	658	778	41	17	268.88
Total	8	62	145	25	25.62	48	7	2896	5138	6381	309	717	2336.85

Distribution line Length

(As of June 2011)

Name of the Divi./ESU	Sub-Station Name	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
Chittagong Zone				

O & M Circle, Chatta-Metro (East)

S & D Pathargahta	Patharghata	19	38	198
S & D Stadium	Stadium	28	62	108
	Madarbari	0		
S & D Sholoshahar	Sholoshahar	60	87	210
S & D Kalurghat	Kalurghat	8	33	155
	Muradpur	6	30	125
S & D Bakulia	Bakulia	0	130	203

O & M Circle, Chatta-Metro (West)

S & D Agrabad	Agrabad	31	95	117
S & D Khulshi	Khulshi	8	27.5	29
	Jalalabad	7	34	26.35
S & D Rampur	Rampur	29	13	55
S & D Pahartali	Pahartali	19	88	151
S & D Halisahar	Halishahar	38	35	50
	Newmoring	7	38	75
	Patenga	9	53	85

O & M Circle, Chatta-Metro (North)

Dist. Divn. Fouzderhat	Fouzderhat	27	99	105
	Baroulia	24	73	70
	Barabkunda	12	133	210
S & D Hathazari	Hathazari	126	110	110
S & D Mohara	Madughat	8	0	0
	Mohara	19	116	212

O & M Circle, Chatta-Metro (South)

Dist. Divn. Potiya	Patiya	0	51	20
	Fishharbor	24	28	55
	Sikolbhaha	50	40	14
	Dohazari	47	45	70
Dist. Divn. Cox's Bazar	Satkania	0	1	53
	Julda	0	122	1
	Zilonza	147	24	167
	Aziznagar	47	63	20
	Chakaria	18		150

O & M Circle, Rangamati

Dist. Divn. Rangamati	Vedvedi (Rangamati)	101	38	69
	Majerbosti	48	40	86
	Kaptai	44	38	80
	Kaptai (132/11)	0	105	93
Dist. Divn. Khagrachari	Jalipara	50	72	104
	Ramgarh	65	40	48
	Khagrachari	35	102	264
	Dighinala	22	153	120
	Mohalchari	25	50	79
Dist. Divn. Bandarban	Adjac. to Office	40	80	85
	Kasing Ghata	40	0	0
Sub-Total		1288	2423	3872

Name of the Divn. /ESU	Sub-Station Name	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
------------------------	------------------	--------------------------	--------------------------	---------------------------

Comilla Zone

O & M Circle, Comilla				
S & D- 1, Comilla	Kotbari	51	31	58
	Palpara	8	45	105
	Kaliajuri	0	82	167
S & D- 2, Comilla	Chouddagram	33	32	11
	Balutupa	11	107	151
S & D- 3, Comilla	Jangalia	0	33	82
	Daulatgonj	18	36	132
S & D, Chandpur	Balur Math	2	30	84
	Puran Bazar	0	21	61
Dist. Divn.B. Baria	Kalabaghan	25	31	32
	Datiara	40	92	123
	Ghatura	5	100	68
	Shabazpur	0	46	79
O & M Circle, Noakhali				
Dist. Divn.Noakhali	Maijdee	10	79	171
	Datterhat	20	10	21
	Chamuhani	0	81	119
	Hatya	0	60	30
S & D, Laxmipur	Laxmipur	75	58	300
Dist. Divn.Feni	Feni	81	86	325
	Dagonbuyan	13	9	25
Sub Total		392	1069	2144

Central Zone, Mymensingh

O & M Circle, Mymensingh				
S & D- (N)	Akua	27	67	119
	Batirkhall	6	45	65
	Shambugonj	52	34	53
	Fulpur	25	112	210
	Gauripur	15	70	136
S & D- (S)	Kewatkhali	0	182	124
	Batircal	6	11	19
	Trisal	0	56	63
	Bhaluka	0	128	192
	Goffargoan	90	105	105
Netrokona E/S	Satpai Netrokona	7	62	104
Bhairab E/S	Bhairab	14	92	149
Sherpur E/S	Sherpur	40	255	395
Dist. Divn. Kishorgonj	Josodal	1	110	70
	Mollapara	6.8	45	10
	Sararchar	45	104	80
O & M Circle, Tangail				
Dist. Divn. Tangail	Betka	6	102	91
	Kachuadanga	10	104	82
	Bhuapur	26	85	290
	Ghatail	34	201	545
	Kalihati	20	255	465
	Shakipur	23	425	910
Dist. Divn. Jamalpur	Shekhervita	21	110	214
	New WAPDA	42	40	60
	Sharishabari	28	41	185
Sub Total		544	2841	4736

Name of the Divn./ESU	Sub-Station Name	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
-----------------------	------------------	--------------------------	--------------------------	---------------------------

Sylhet Zone

O & M Circle, Sylhet				
S & D -1	Ambarkhana	7	66	167
	Kumargaon	0	151	206
S & D -2	Upshahar	22	53	222
	Botessor	47	115	318
S & D -3	Boroikandi	21	117	463

O & M Circle, Moulvibazar

Dist. Divn. Sylhet	Sunamgonj	70	42.5	46
	Dera	0	69	140
	Jaintapur	0	62	115
	Jogonathpur	0	110	140
	Chattak	30	69	200
Dist. Div. Moulvibazar	Bagbari	82	91	350
	Hobigonj	28	70	320
S & Kulaura	Kulaura	141	104	730
Sub Total		448	1118	3417

Rajshahi Zone

O & M Circle, Rajshahi

S & D -1	Talaimari	10	125	322
	Katakali			
S & D -2	Horogram	23	142	28
S & D -3	Shalbagan	36	254	193
	Bimanbondor			
	Tanore	0	38	57
S & D -4	City Central	23	28	91
Godagari ESU	Godagari	20	92	58
Chapai nowabgonj E/S	Ch.No.gonj	10	69	164
Gomostapur ESU	Gomostapur	40	89	220
Shibgonj ESU	Shibgonj	24	25	36
Natore ESU	Horispur	5.15	70	151
	Alaipur			

O & M Circle, Pabna

S & D -1	Laskapur	15	123	177
S & D -2	Nurpur	0.1	56	79
	Shatiani	7	78	96
Ishurdi E/S	Joynagor	40	43	65
	Patilkhali	8	50	78
Sirajgonj E/S	Bahirgola	46	133	202
	Raypur			

O & M Circle, Bogra

S & D -1	Rahmannagar	9	50	29
S & D -2	Shibbati	10	103	180
	Puran Bogra	0.2	38	81
Sherpur ESU	Sherpur	22	102	157
Dupchachia ESU	Dupchachia	30	122	90
Naogaon E/S	Kathaltoli	10	138	66
	Baludanga			
Joypurhat E/S	Joypurhat	0.3	33	67.3
Sub Total		388	2000	2687

Name of the Divn. /ESU	Sub-Station Name	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
------------------------	------------------	--------------------------	--------------------------	---------------------------

Rangpur Zone

O & M Circle, Rangpur

S & D -1, Rangpur	Lalbag	18	127	232
S & D -2, Rangpur	Katkipara	12	77	77
Dist. Divn. Sayedpur	Golahat	0	41	50
	Niamotpur	12	37	39
Dist. Divn. Rangpur	Domar	22	73	59
	Nilphamari	16	81	71
	Jaldhaka	16	42	24
	Kurigram	30	51	53
	Hatibandha	20	14	11
	Patgram	30	79	49
Dist. Divn. Lalmonirhat	Kaligonj	30	72	49
	Lalmonirhat	20	57	56
Dist. Divn. Gaibandha	Gaibandha	22	119	111
	Gobindogonj	20	23	28
	Palashbari	0	15	20

O & M Circle, Dinajpur

S & D -1	Fakirpara	66	132	215
	Parbatipur	42	45	50
	Setabgonj	24	54	61
S & D -2	Balubari	18	133	209
	Phulbari	90	66	57
Dist. Divn. Thakurgaon	Goalpara	10	72	138
	PS	1	17	29
	Panchagar	46	118	88
	Mathafata	40	46	34
Sub Total		604	1590	1808.34
Total		3663	11040	18663

Total Electrified Area & Consumers

(As of June 2011)

Total Electrified Area							
Sl. No.	Name of Divn./ ESU	Thana/ Upazila	Ward	Village	Hat/ Bazar	Deep Shallow & Low Fit Pump	Total Consumers

Chittagong Zone

O & M Circle, Chatta-Metro (East)

1	S & Patharghata	2	9	0	4	5	36700
2	S & D Stadium	1	21	0	34	47	25078
3	S & D Sholoshar	3	4	0	6	5	30205
4	S & D Kalurghat	3	4	0	10	36	32400
5	S & D Bakalia	4	14	0	5	9	41535

O & M Circle, Chatta-Metro (West)

6	S & D Agrabad	2	4	0	5	0	32980
7	S & D Matarbari	1	3	0	1	5	23244
8	S & D Khulshi	3	0	11	6	3	24016
9	S & D Halisahar	2	6	0	4	1	43687
10	S & D Pahartali	3	5	0	2	7	37622
11	S & D Rampur	3	4	0	6	6	27513

O & M Circle, Chatta-Metro (North)

12	DD-Fouzderhat	2	57	93	43	15	29517
13	S & D Hathazari	2	17	26	6	17	25413
14	S & D Mohara	2	11	18	4	27	17450

O & M Circle, Chatta-Metro (South)

15	Dist. Divn. Patiya	8	57	70	32	124	36274
16	Dist. Divn. Cox's Bazar	10	27	105	63	285	38860

O & M Circle, Rangamati

17	Dist. Divn. Rangamati	7	37	73	29	22	24610
18	Dist. Divn. Khagrachari	10	84	293	39	99	24348
19	Bandarban	3	16	62	14	0	7371
Sub Total		71	380	751	313	713	558823

Comilla Zone

O & M, Comilla

1	S & D-1, Comilla	3	20	97	22	51	38677
2	S & D-2, Comilla	2	4	120	30	129	37713
3	S & D-3, Comilla	2	15	92	11	442	31746
4	S & D Chandpur	1	15	25	11	8	29299
5	Dist. Div. B. Baria	5	12	105	26	878	64983
6	Dist. Divn. Noakhali	4	26	46	32	21	51745
7	S & D Laxmipur	1	12	12	1	64	14719
8	Dist. Div. Feni	2	18	10	3	15	40617
Sub Total		20	122	507	136	1608	309499

Mymensingh Zone

O & M Circle, Mymensingh

1	S & D -1(N)	7	93	184	111	2479	63774
2	S & D -2 (S)	9	148	347	107	1451	69254
3	Dist. Div. Kishorgonj	2	25	100	23	37	27753
4	Bhairab E/S	3	18	53	18	518	27750
5	Dist. Div. Sherpur	5	42	94	63	1736	35255
6	Netrokona E/S	1	9	20	7	380	16100

O & M Circle, Tangail

7	S & D, Tangail	2	35	60	110	1294	46300
8	Dist. Divn. Tangail	8	65	210	180	2757	67385
9	Dist. Div. Jamalpur	3	20	75	43	1800	28648
Sub Total		40	455	1143	662	12452	382219

Total Electrified Area							
Sl. No.	Name of Divn./ ESU	Thana/ Upazila	Ward	Village	Hat/ Bazar	Deep Shallow & Low Fit Pump	Total Consumers

Sylhet Zone

O & M Circle, Sylhet

1	S & D-1	1	20	0	20	0	59732
2	S & D-2	1	6	40	40	4	45343
3	S & D-3	3	40	120	30	25	20283

O & M Circle, Moulavibazar

4	Dist. Div. Moulavibazar	5	16	172	22	54	28042
5	Dist. Div. Sylhet	11	83	320	44	40	44914
6	S & D Kulaura	4	9	80	15	1	18438
Sub Total		25	174	732	171	124	216752

Rajshahi Zone

O & M Circle, Bogra

1	S & D -1	2	6	30	10	51	29824
2	S & D -2	1	16	115	35	330	43063
3	Dist. Div. Bogra	9	66	247	39	1358	55075
4	Naogaon E/S	3	17	42	15	586	30652
5	Joypurhat E/S	2	9	0	3	190	13812

O & M Circle, Pabna

6	S & D-1	1	7	5	3	10	16136
7	S & D-2	1	8	4	3	26	18068
8	Ishurdi	2	15	6	12	238	30564
9	Sirajgonj	1	9	12	10	160	18870

O & M Circle, Rajshahi

10	S & D-1	4	11	17	18	13	27191
11	S & D-2	3	6	22	14	103	28877
12	S & D-3	7	34	67	39	241	28063
13	S & D-4	2	40	120	20	227	30714
14	Chapai nowabgonj E/S	6	92	384	44	768	68107
15	Natore E/S	2	17	79	9	26	14380
Sub Total		46	353	1150	274	4327	453396

Rangpur Zone

O & M Circle, Rangpur

1	S & D -1	1	22	33	14	62	25197
2	S & D -2	1	8	0	10	75	19163
3	Dist. Div. Rangpur	9	80	152	70	3815	46080
4	Sayedpur	2	28	30	13	1427	17753
5	Dist. Div. Gaibandha	9	54	126	25	2010	32776
6	S & D, Lalmonirhat	3	30	50	49	1955	19095

O & M Circle, Dinajpur

7	S & D-1, Dinajpur	3	16	27	13	303	26986
8	S & D-2, Dinajpur	3	13	21	5	212	23587
9	Dist. Div. Thakurgaon	3	29	70	25	1322	28571
Sub Total		34	280	509	224	11181	239208
Total		236	1764	4792	1780	30405	2159897

CHITTAGONG P.C. POLE MANUFACTURING PLANT

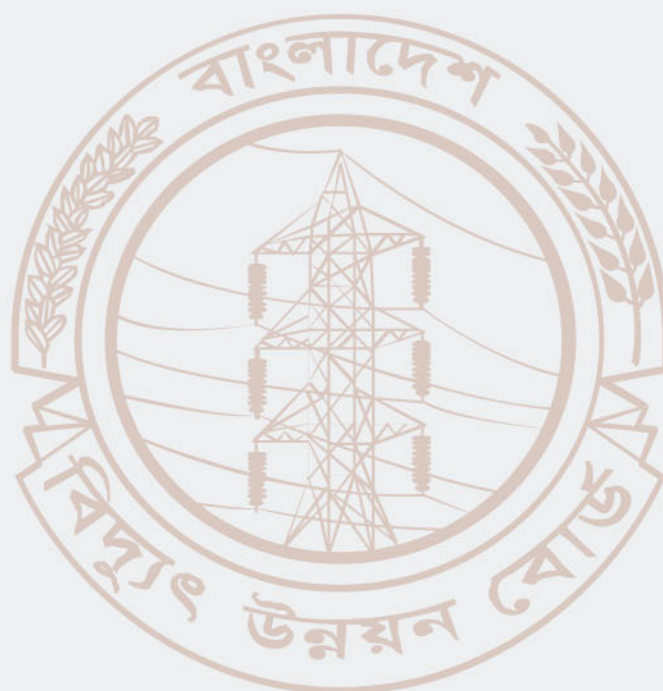
Details	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
1. Nos. of poles manufactured													
i) 33 kV poles a) 15 x 220	981	1,596	842	1,146	1,040	438	1,160	1,071	738	860	1,152	515	959
b) 15 x 190	163	298	716	676	723	564	1,256	1,901	600	582	499	1,322	1929
ii) 11 kV poles 12 x 190	3,334	4,397	5,471	5,913	9,697	10,185	7,055	6,680	7,884	7,678	3,075	9,698	7379
iii) 0.4 kV poles 9 x 140	3,548	3,723	6,793	6,639	12,654	9,430	7,825	9,474	7,808	7,285	2,153	4,603	4743
2. Cost per no. of pole (Tk.)													
i) 33 kV poles a) 15 x 220	20,000	20,000	16,821	16,821	16,821	20,185	23,180	23,180	23,180	31,650	35,740	35,740	35,740
b) 15 x 190	17,000	17,000	15,150	15,150	15,150	18,180	20,908	20,908	20,908	27,833	32,353	32,353	32,353
ii) 11 kV poles 12 x 190	14,400	14,400	11,005	11,005	11,005	13,206	15,119	15,119	15,119	18,891	20,383	20,383	20,383
iii) 0.4 kV poles 9 x 140	7,000	7,000	5,885	5,885	5,885	7,062	7,902	7,902	7,902	8,310	8,629	8,629	8,629
3. Production Capacity (Nos.)													
i) 33 kV poles a) 15 x 220	1,000	600	800	1,500	1,000	460	2,000	2,000	2,000	2,000	2,000	2,000	2,000
b) 15 x 190	500	500	700	800	600	600	2,000	2,000	2,000	2,000	2,000	2,000	2,000
ii) 11 kV poles 12 x 190	4,000	5,000	4,000	8,400	8,400	10,725	7,500	7,500	7,500	7,500	7,500	7,500	7,500
iii) 0.4 kV poles 9 x 140	4,000	4,000	4,500	9,300	10,000	9,900	8,500	8,500	8,500	8,500	8,500	8,500	8,500
4. Use of production capacity (%)	84.48	99.15	71.87	138.22	120.57	95.07	86.84	95.63	85.45	82.03	34.39	80.69	75.05

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 220 x 650
b) 15 x 190	190	390	15,000	50	1840	550	15 x 190 x 550
ii) 11 kV poles 12 x 190	190	350	1,200	50	1220	450	12 x 190 x 450
iii) 0.4 kV poles 9 x 140	140	260	9,000	40	500	250	9 x 140 x 250

ARICHA P.C. POLE MANUFACTURING PLANT

Details	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
1. Nos. of poles manufactured													
i) 33 kV poles 22.5x230	---	---	---	---	---	---	---	---	---	---	---	---	---
15x230	---	17	39	---	---	---	---	---	---	---	---	---	---
ii) 11 kV poles 12x230	240	720	1,450	3,449	4,007	3,508	2,722	1,338	2,238	1,583	929	1,429	1,630
11x230	3,416	3,674	5,090	6,884	5,162	5,170	6,673	3,790	3,852	729	836	1,198	1,037
iii) 0.4 kV poles 9 M	3,371	4,640	6,501	12,046	14,859	12,342	10,610	8,009	9,912	4,691	3,286	3,219	4,261
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	16,516	20,550	21,246	21,246	21,246	21,246	24,816	24,816	28,119	41,669	36,713	---	---
ii) 11 kV poles 12 M	10,868	13,802	14,197	14,197	14,197	14,197	15,783	15,783	17,328	24,486	21,574	21,574	21,574
11 M	9,634	12,385	12,652	12,652	12,652	12,652	13,910	13,910	15,313	21,066	18,560	18,560	18,560
iii) 0.4 kV poles 9 M	4,669	6,072	6,262	6,262	6,262	6,262	6,694	6,694	7,074	9,558	8,421	8,421	8,421
3. Production Capacity (Nos)													
i) 33 kV poles 22.5 M	---	---	25	25	25	25	25	---	---	---	---	---	---
15 M	100	300	300	340	200	200	200	---	---	---	---	---	---
ii) 11 kV poles 12 M	1,500	900	900	2,000	3,000	3,000	3,000	4,000	4,000	4,000	4,000	3,000	3,000
11 M	4,000	4,000	4,000	8,000	5,000	5,000	5,775	5,000	5,000	5,000	5,000	2,000	2,000
iii) 0.4 kV poles 9 M	4,400	4,800	4,800	9,660	11,000	11,000	11,000	11,000	11,000	11,000	11,000	5,000	5,000
4. Use of production capacity (%)	70.27	90.51	130.80	111.90	120.14	105.10	100.03	65.68	80.01	35.01	25.26	58.46	69.28
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 230 x 500							
ii) 11 kV poles 12 M	230	390	55	1,249.44	400	12 x 230 x 400							
11 M	230	375	55	1,110.46	350	11 x 230 x 350							
iii) 0.4 kV poles 9 M	150	270	50	522.50	200	9 x 150 x 200							

Chapter-6



**POWER SCENARIO AND FUTURE PLAN
ON THE DATE OF PUBLICATION OF THE REPORT**

Power Sector at present

At present only 50 % of the people have access to electricity. Per capita generation is 252 kWh which is one of the lowest in the region. Every year the demand is increasing at a rate of 10%. Generation capacity could not be increased accordingly during past years which has resulted increasing power shortage in the country. Present generation capacity is 7663 MW including 2944 MW generation addition since this Government came to power in January, 2009. At present 500-700 MW capacity is unable to generate due to gas shortage. About 800 MW load shedding was experienced during peak hours of the last summer. Under the above context, with a vision to achieve 8% projected GDP growth by 2013 and beyond, a massive generation expansion program has been adopted in order to maintain sustained electricity supply facilitating establishment of new industries and SMEs, accomplishment of national target of 'electricity for all' by 2021 and to build 'Digital Bangladesh'. Existing power generation scenario at a glance has been appended

Power Sector at a Glance	
Installed Capacity (Derated)	7663 MW
Present Demand	6000 MW
Present Generation Capacity	5,000-5,300 MW
Maximum Generation (29th August, 2011)	5244 MW
Transmission Line (230 KV & 132 KV)	8600 km
Distribution Line (33 KV and below)	2,78,000 km
No. of Consumers	12.5 Million
Access to Electricity	50%
Per Capita Power Generation (Including Captive)	252 kWh



Discussion meeting between BPDB & Kuwait Fund Delegation.

Generation Plan (2012-2016)

In line with the vision 2021, Government has prepared a generation expansion plan up to 2016, considering the availability of primary fuel supply. Due to the present persistent shortage of gas and uncertainty in future gas supply to the base load power plants, Government has emphasized on fuel diversification. Fuel oil is considered for peaking power plants to mitigate short-term power shortage.

About 13,000 MW new generation addition has been planned from 2012 to 2016. A number of HFO based peaking plants in public and private sector has been undertaken as a short term planning. Large coal and gas based combined cycle power plants have been considered for base load plants in future.

Power Generation Project (2012-2016)



Gopalganj 100 MW Peaking Power Plant

Year	2012 (MW)	2013 (MW)	2014 (MW)	2015 (MW)	2016 (MW)	Total (MW)
Public	632	1467	1660	1410	750	5919
Private	1354	1372	1637	772	1600	6735
Power Import	--	500	--	--	--	500
Total	1986	3339	3297	2182	2350	13154

Project Under Implementation

Since January 2009, 50 Successful contracts have been signed of total capacity 5533 MW, out of which 1994 MW capacity (25 projects) has already been commissioned. Remaining 27 projects of capacity 3539 MW are under construction. Besides, 30 projects in public and private sector of capacity 5644 MW are now in the various stages of tendering process and contract is expected to be signed in the next six month.

Power Generation Projects (2010-2016)

Projects Completed in the Year 2010

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Commissioning Date
Public Sector					
1	Shikalbaha 150 MW	150	BPDB	Gas	18.08.2010
2	Siddhirganj 2X120 MW Peaking Power Plant (2nd unit) EPC: BHEL	105	EGCB	Gas	14.10.2010
Sub-Total (Public)		255			
Private Sector					
1	Shikalbaha 55 MW Rental Power Plant (3 Years)	55	Rental (BPDB)	FO	06.05.2010
2	Ashuganj Rental Power Plant	55	Rental (BPDB)	Gas	07.04.2010
3	Thakurgaon 50 MW Rental (3 Years)	50	Rental (BPDB)	HSD	02.08.2010
4	Ghorasal 3 Years Quick Rental	45	Rental (BPDB)	HSD	10.08.2010
5	Ghorasal 3 Years Quick Rental	100	Rental (BPDB)	HSD	23.08.2010
6	Khulna 3 Years Quick Rental	55	Rental (BPDB)	HSD	10.08.2010
7	Pagla 3 Years Quick Rental	50	Rental (BPDB)	HSD	24.11.2010
8	Bheramara 110 MW Rental (3 Years)	110	Rental (BPDB)	HSD	31.12.2010
Sub-Total (Private)		520			
Total		775			

Projects Completed in the Year 2011

Public Sector					
1	Ashuganj 50 MW Power Plant	53	APSCCL	Gas	30.04.2011
2	Baghabari 50 MW Peaking Power Plant	52	BPDB	Gas/FO	29.08.2011
3	Fenchuganj 90 MW CCPP	104	BPDB	Gas	26.10.2011
4	Bera 70 MW Peaking Power Plant	71	BPDB	FO	28.10.2011
5	Titus, (Doudkandi) 50 MW Peaking Power Plant	52	BPDB	Gas/FO	29.10.2011
6	Faridpur 50 MW Peaking Power Plant	54	BPDB	FO	November, 2011
7	Gopalganj 100 MW Peaking Power Plant	109	BPDB	FO	November, 2011
8	Siddhirganj 2X120 MW Peaking Power Plant (1st unit)	105	EGCB	Gas	December, 2011
9	Hathazari 100 MW Peaking Power Plant	98	BPDB	Gas/FO	December, 2011
10	Sangu, Dohazari 100 MW Peaking Power Plant	102	BPDB	Gas/FO	December, 2011
Sub-Total (Public)		800			

Private Sector (Rental & Quick Rental)

1	Siddirganj, Sponsor: Desh Energy	100	Rental (BPDB)	HSD	17.02.2011
2	B.Barua, Sponsor: Aggreko	70	Rental (BPDB)	Gas	06.03.2011
3	Modanganj, Sponsor: Summit Power	102	Rental (BPDB)	FO	01.04.2011
4	Meghnagat, Sponsor: IEL	100	Rental (BPDB)	FO	08.05.2011
5	Ghorasal, Sponsor: Max Power	78	Rental (BPDB)	Gas	27.05.2011
6	Nowapara, Sponsor: Khan Jahan Ali	40	Rental (BPDB)	FO	28.05.2011
7	Ashugonj, Sponsor: Aggreko	80	Rental (BPDB)	Gas	31.05.2011
8	Khulna, Sponsor: KPCL	115	Rental (BPDB)	FO	01.06.2011
9	Ashugonj, Sponsor: United Ashugonj Power Ltd.	53	Rental (BPDB)	Gas	22.06.2011
10	Siddirganj Sponsor: Dutch Bangla Power	100	Rental (BPDB)	FO	21.07.2011
11	Noapara, Jessore, 5 Years Rental	105	Rental (BPDB)	FO	26.08.2011
12	Bogra 3 years Rental, Sponsor: Energy Prima	20	Rental (BPDB)	Gas	November, 2011
Sub-Total (Private)		963			
Total (2011)		1763			

Projects to be Completed by 2012

Public Sector					
1	Gazipur 50 MW Power Plant	52	RPCL	Gas/FO	January, 2012
2	Sylhet 150 MW Power Plant	142	BPDB	Gas	February, 2012
3	Chandpur 150 MW CCPP ST Unit	163	BPDB	Gas	GT: January, 2012, ST: May, 2012
4	Santahar 50 MW Peaking Power Plant	50	BPDB	FO/Gas	April, 2012
5	Katakhali 50 MW Peaking Power Plant	50	BPDB	FO/Gas	May, 2012
6	Sirajganj 150 MW GT	150	NWPGC	Gas/HSD	July, 2012
7	Raujan 25 MW Power Plant	25	RPCL	Gas/FO	July, 2012
Sub-Total (Public)		632			



Faridpur 50 MW Peaking Power Plant



Bera 70 MW Peaking Power Plant



Baghabari 50 MW Peaking Power Plant

Private Sector

1	Amnura, Chapainawabgonj Sponsor: Sinha Power	50	Rental (BPDB)	FO	January, 2012
2	Keranigonj, Sponsor: Power Pack	100	Rental (BPDB)	FO	January, 2012
3	Katakhali, Rajshahi Sponsor: NPSL	50	Rental (BPDB)	FO	January, 2012
4	Julda, Chittagong Sponsor: Acorn Infra. Service Ltd	100	Rental (BPDB)	FO	February, 2012
5	Chittagong (Mohora) 50 MW Power Plant	50	IPP	FO	November, 2012
6	Gabtolli, Dhaka 108 MW PP	108	IPP	FO	November, 2012
7	Basila, Keranigonj 108 MW PP	108	IPP	FO	November, 2012
8	Jamalpur Peaking	95	IPP	Gas/FO	December, 2012
9	Khulna Peaking	100	IPP	FO	December, 2012
10	Chittagong (Patenga) 100 MW Power Plant	108	IPP	FO	December, 2012
11	Rajshahi (Natore) 50 MW Power Plant	52	IPP	FO	December, 2012
12	Homna, Comilla	52.5	IPP	FO	December, 2012
13	Kathpotti, Munshigonj	52.5	IPP	FO	December, 2012
14	Bosila, Keranigonj	108	IPP	FO	December, 2012
15	Tangail 20 MW	20	IPP (REB)	Gas/FO	December, 2012
16	Narayanganj 50 MW	50	IPP (REB)	FO	December, 2012
17	Ghorashal, Narsingdi 100 MW PP	100	IPP	Gas	December, 2012
18	Ashugonj 50 MW PP	50	IPP	Gas	December, 2012
Sub-Total (Private)		1354			
Total (2012)		1986			

Projects to be Completed by 2013

Public Sector					
1	Khulna 150 MW GT	150	NWPGC	Gas/HSD	May, 2013
2	Kodda, Gazipur 150 MW Power Plant	150	BPDB- RPCL Power gen. Ltd.	FO	August, 2013
3	Haripur 360 MW CCPP	412	EGCB	Gas	October, 2013
4	Siddirganj 450 MW CCPP: SC GT Unit	200	EGCB	Gas	October, 2013
5	Ashugonj 225 CCPP: SC GT Unit	150	APSCL	Gas	December, 2013
6	Bhola 225 MW CCPP: SC GT Unit	150	BPDB	Gas	December, 2013
7	Shikalbaha 150-225 MW CCPP: SC GT Unit	150	BPDB	Gas/FO	December, 2013
8	Chapai Nababganj	100	BPDB	FO	December, 2013
9	Kaptai Solar	5	BPDB	Solar	December, 2013
Sub-Total (Public)		1467			



Amnura (Sinha Power) 50 MW Quick Rental Power Plant

Private Sector

1	Comilla (Jangalia) Peaking	50	IPP	Gas/FO	June, 2013
2	Narayanganj (Gogonnagar) 100 MW PP	102	IPP	FO	June, 2013
3	Nababgonj 50 MW PP	50	IPP (REB)	FO	June, 2013
4	Munshigonj 50 MW PP	50	IPP (REB)	FO	June, 2013
5	Manikganj 50 MW PP	50	IPP (REB)	FO	June, 2013
6	Regional Power Import	500	Import		July, 2013
7	Bibiana 300-450 MW CCPP (1st Unit): SC GT Unit	222	IPP	Gas	August, 2013
8	Bibiana 300-450 MW CCPP (2nd Unit): SC GT Unit	222	IPP	Gas	August, 2013
9	Meghnaghat 300-450 MW CCPP (2nd Unit) Dual Fuel: SC GT Unit	220	IPP	Gas/FO	September, 2013
10	Kaliakair Peaking Plant, Gazipur	149	IPP	Gas/FO	September, 2013
11	Bhairab, Kishorgonj 50 MW PP	50	IPP	FO	September, 2013
12	Satkhira 50 MW PP	50	IPP	FO	September, 2013
13	Solar	7	IPP	Solar	September, 2013
14	Keraniganj 150 MW PP	150	IPP	Gas/FO	November, 2013
Sub-Total (Private)		1872			
Total (2013)		3339			

Projects to be Completed by 2014

Public Sector					
1	Madanganj 150 MW Power Plant	150	BPDB	Gas	March, 2014
2	Shajjibazar CCPP : SC GT Unit	200	BPDB	Gas	June, 2014
3	Ghorasal 300-450 MW CCPP: SC GT Unit	200	BPDB	Gas	June, 2014
4	Ashugonj 225 CCPP: ST Unit	75	APSCL	Gas	July, 2014
5	Bibiana # 3 CCPP: SC GT Unit	300	BPDB	Gas	July, 2014
6	Siddirganj 450 MW CCPP : ST Unit	135	EGCB	Gas	August, 2014
7	Bhola 225 MW CCPP: ST Unit	75	BPDB	Gas	September, 2014
8	Shikalbaha 225 MW CCPP: ST Unit	75	BPDB	Gas/FO	September, 2014
9	Ashugonj (South) 450 MW CCPP	450	APSCL	Gas	December, 2014
Sub-Total (Public)		1660			



Titas (Daudkandi) 50 MW Peaking Power Plant



Baghabari 50 MW Peaking Power Plant



Hathazari 100 MW Peaking Power Plant

Private Sector

1	Solar Thermal Power Plant	18	IPP	Solar	March, 2014
2	Wind	100	IPP (BPDB)	Wind	March, 2014
3	Bhola 150-225 MW CCPP (2nd unit):SC GT Unit	150	IPP	Gas	March, 2014
4	Fenchuganj 100-150 MW CCPP	100	IPP	Gas	June, 2014
5	Sirajganj 300-450 MW CCPP: SC GT Unit	200	IPP	Gas	June, 2014
6	Bibiana 300-450 MW CCPP (1st Unit): ST Unit	119	IPP	Gas	August, 2014
7	Bibiana 300-450 MW CCPP (2nd Unit): ST Unit	119	IPP	Gas	August, 2014
8	Meghnaghat 300-450 MW CCPP (2nd Unit) : ST Unit	115	IPP	Gas/FO	September, 2014
9	LNG Based 200-850 MW CCPP: SC GT Unit	150	IPP	LNG	September, 2014
10	Chittagong 150-300 MW Coal Fired Power Project	283	IPP	Imported Coal	December, 2014
11	Khulna 150-300 MW Coal Fired Power Project	283	IPP	Imported Coal	December, 2014
Sub-Total (Private)		1637			
Total (2014)		3297			

Projects to be Completed by 2015

Public Sector					
1	Bibiana #3 CCPP: ST Unit	150	BPDB	Gas	March, 2015
2	Barapukuria 250-300 MW (3rd Unit)	250	BPDB	Coal	April, 2015
3	Bheramara 360 MW CCPP	360	NWPGC	Gas	June, 2015
4	Shajibazar CCPP: ST Unit	100	BPDB	Gas	June, 2015
5	Ghorasal 300-450 MW CCPP : ST Unit	100	BPDB	Gas	June, 2015
6	Ashugonj (North) CCPP	450	APSCL	Gas	December, 2015
Sub-Total (Public)		1410			

Private Sector

1	Bhola 150-225 MW CCPP (2nd unit) : ST Unit	75	IPP	Gas	January, 2015
2	Sirajganj 300-450 MW CCPP : ST Unit	100	IPP	Gas	April, 2015
3	LNG Based 200-850 MW CCPP : ST Unit	75	IPP	LNG	September, 2015
4	Maowa, Munshiganj 300-650 MW Power Project	522	IPP	Imported Coal	November, 2015
Sub-Total (Private)		772			
Total (2015)		2182			

Projects to be Completed by 2016

Public Sector					
1	Large 750 MW CCPP (Meghnaghat/ Dhaka North)	750	BPDB/ RPCL	Gas	March, 2016
Sub-Total (Public)		750			

Private Sector

1	Chittagong 300-650 MW Power Project	300	IPP	Imported Coal	March, 2016
2	Khulna 1300 MW Large Coal	1300	PPP (Joint Vent.) / IPP	Imported Coal	June, 2016
Sub-Total (Private)		1600			
Total (2016)		2350			

Power Plants inaugurated and foundation stone laying by Hon'ble Prime Minister Sheikh Hasina



Inauguration of Siddhirganj 120 MW Power Plant



Inauguration of Fenchuganj 51 MW Rental Power Plant



Inauguration of Ashuganj 55 MW Rental Power Plant



Inauguration of Shikabaha 150 MW Power Plant



Inauguration of Pagla 50 MW Quick Rental Power Plant



Inauguration of Shiddhirganj (Desh Energy) 100 MW Quick Rental Power Plant



Inauguration of Madanganj 102 MW Quick Rental Power Plant



Inauguration of Machine Laying of Amnura 50 MW Quick Rental Power Plant



Inauguration of Meghnaghat (IEL)
100 MW Quick Rental Power Plant



Inauguration of Machine Laying
of Katakhal 50 MW Quick Rental Power Plant



Inauguration of Gopalganj 100 MW Power Plant



Foundation Stone Laying of Chandpur 150 MW Power Plant



Foundation Stone Laying of Titus 50 MW Power Plant



Foundation Stone Laying of Gopalganj 100 MW Power Plant



Foundation Stone Laying of Haripur 360 MW Power Plant



Foundation Stone Laying of Sirajganj 150 MW Power Plant



Foundation Stone Laying of Meghnaghat 335 MW Power Plant



Foundation Stone Laying of Katakali 50 MW Peaking Power Plant



Foundation Stone Laying of Natore 50 MW (IPP) Power Plant

Projects Under Implementation



Keraniganj (Power Pack) 100 MW Quick Rental Power Plant
Expected Commissioning Date : February 2012



Gazipur 50 MW Power Plant
Expected Commissioning Date : February 2012



Katakhali, Rajshahi (NPSL) 50 MW Quick Rental Power Plant
Expected Commissioning Date : February 2012



Julda, Karnophuli (Acron) 100 MW Quick Rental Power Plant
Expected Commissioning Date : February 2012



Chandpur 150 MW Power Plant
Expected Commissioning Date : Simple Cycle : February 2012 , Combined Cycle : May 2012



Sylhet 150 MW Power Plant
Expected Commissioning Date : February 2012



Shantahar 50 MW Peaking Power Plant
Expected Commissioning Date : March 2012



Katakali 50 MW Peaking Power Plant
Expected Commissioning Date : April 2012



Sirajganj 150 MW Power Plant
Expected Commissioning Date : July 2012



Rauzan 25 MW Power Plant
Expected Commissioning Date : July 2012



Haripur 360 MW Power Plant
Expected Commissioning Date : October 2013

Chapter-7



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 purchases electricity from the Private Companies generally termed as IPP (Independent Power Producer) purchases from Rental Power Plant to meet the growing demand. In the FY 2010-2011,

Generation Cost of BPDB's own plant is Tk. 3282.39 crore, Power purchase cost from IPP is Tk. 3213.50 crore, from Rental plant is Tk. 4364.29 crore and from Public plant is Tk. 792.31 crore totaling Tk.11652.49 crore compared to Tk. 6907.72 crore (own Generation Tk. 2626.36 crore + IPP Tk. 2528.00 crore + Purchase from Rental Tk. 963.77 crore + Purchase from Public Plant Tk. 789.59 crore) of FY 2009-2010. Energy sale during FY 2010-2011 is Tk. 7730.39 crore compared to Tk. 6842.42 crore of the preceding year.

Table-A

	Particulars	2010-11		2009-10		Cost per Unit increase / (Decrease)
		Amount in crore Taka	Cost (Tk/kwh)	Amount in crore Taka	Cost (Tk/kwh)	
	Total Generation Cost	11652.49	3.95	6907.72	2.65	49%
i	BPDB's Generation Cost	3282.39	3.19	2626.36	2.50	28%
ii	Purchase from IPP Cost	3213.50	3.42	2528.00	2.78	23%
iii	Purchase from Rental cost	4364.29	8.05	963.77	4.26	89%
iv	Purchase from Public Plant cost	792.31	1.80	789.59	1.88	(0.6%)

In comparison with the previous year BPDB's own generation cost per unit increased by 28%, IPP cost per unit increased by 23%, Rental Plant cost increased by 89% and cost per unit of Public Plant decreased by 0.06%

only and overall generation cost per unit increased by 49%. On the other hand per unit sales revenue increased only 1.89%. Chart-1 shows the comparative Generation and Energy purchase picture.

Cost of Electricity Generation and Purchase

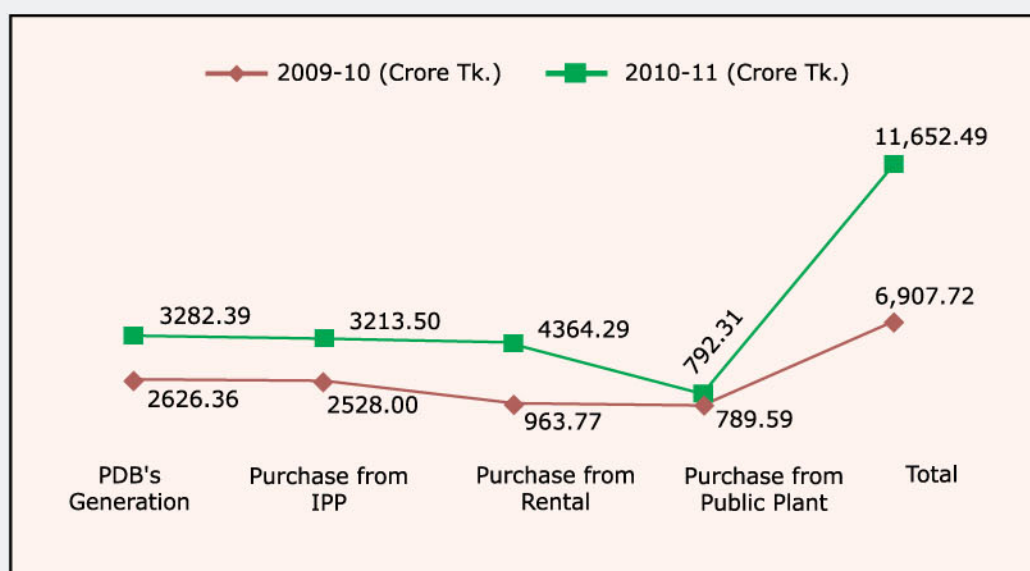


Chart-1

ACCOUNTS, FINANCE AND AUDIT

During the financial year 2010-2011 sales to DPDC, DESCO, WZPDCL & REB amounted to Taka 1560.01 Crores, 809.93 Crores, 466.05 Crores, and 2470.49 Crores respectively against which amount collected was 1495.16 Crores, 776.62 Crores, 448.16 Crores

and 2370.80 Crores which is only 95.84%, 95.89%, 96.16% & 95.96% of billed amount respectively. A comparison of the energy sale and operating expenses for FY 2010-2011 and 2009-2010 is shown below:

Table-B

Figures in Crore Taka

Sl. No.	Head of Accounts	Actual 2010-2011	Actual 2009-2010	Amount increase/(Decrease)	Percentage increase/Decrease(%)
1	Operating Revenue	8160.75	7115.80	1044.95	14.68
	From Sale of Electricity	7730.39	6842.42	887.97	12.98
	Other Operating Revenue	430.36	273.38	156.98	57.42
2	Operating Expenses	12276.05	7512.16	4763.89	63.42
i	Fuel Cost	1906.33	1636.43	269.90	16.49
ii	Cost of electricity purchase from IPP	3213.50	2528.00	685.50	27.12
iii	Electricity purchase from RENTAL	4364.29	963.77	3400.52	352.84
iv	Electricity purchase from Public Plant	792.31	789.59	2.72	0.34
v	Generation Expenses (Excluding fuel Cost & IPP)	1044.27	866.92	177.35	20.46
vi	Provision for Maintenance and Development fund (as per instruction of BERC.)	146.68		146.68	100.00
vii	Wheeling Charge to PGCB	139.44	113.95	25.49	22.37
viii	Distribution Expenses	475.23	469.05	6.18	1.32
ix	Customers Expenses	41.98	30.86	11.12	36.03
x	General & Administrative Expenses	152.02	113.58	38.44	33.84
3	Operating Loss/Profit = (1-2)	(4115.30)	(396.36)	(3718.94)	938.27

Table-B shows that sale of electricity and the cost of fuel for generation has increased by 12.98% and 16.49% respectively over the year 2009-10. The total operating expenses has increased by 63.42%.

Thus during the financial year 2010-2011, the share of fuel cost & Energy purchase from IPP over total operating cost stood at 15.52% & 26.18% compared to at 21.78% & 33.65% respectively of the preceding year. Transmission cost percentage to total Operating expenses is 1.52% for the year 2010-11, which was 1.14% in the year 2009-10. Distribution Expenses to operating expenses is 3.87% for the year 2010-11, which was 6.24% in the year 2009-10.

Table-B also shows the share of each component to total operating expenses. Operating Loss for the year 2010-11 is 50.42% to total operating revenue, which was 5.57% in the preceding year.



Member Finance Md. Fazlul Hoque presiding over a meeting with bankers on e-banking

**The Statement of Actual Income and Expenses compared to the
Revised Budget of FY 2010-2011 is given below**

Figures in Crore

Particulars	Budget FY 2010-2011	Actual Expenditure FY 2010-2011	Performance Over Budget
OPERATING REVENUE			
Electricity Sales	8,364.93	7,730.39	92.41%
Other Operating Income	322.3	430.36	133.53%
Total Operating Revenue	8,687.23	8,160.75	93.94%
OPERATING EXPENSES			
Gas Used for Electricity Generation	1,128.98	1,129.22	100.02%
Diesel/Furnace oil Used for Electricity Generation	550.35	550.35	100.00%
Coal Used for Electricity Generation	235.97	226.93	96.17%
Depreciation	770.14	765.86	99.44%
Repair & Maintenance	358.13	300.01	83.77%
Electricity Purchase From IPP	3,118.24	3,213.50	103.05%
Electricity Purchase From Rental	4,981.33	4,364.29	87.61%
Electricity Purchase From public Plant	1,056.27	792.31	75.01%
Maintenance & Development Expenses		146.68	
Wheeling Charges to PGCB	176.5	139.44	79.00%
Other Operating Expenses	212.11	196.89	92.82%
Sales & Distribution Expenses- Including Pension	343.16	298.55	87.00%
Administration Expenses	123.92	152.02	122.68%
Total Operating Expenses	13,055.10	12,276.05	94.03%
Operating Income / (Loss)	-4,367.87	-4,115.30	94.22%
Non - Operating Expenses			
Assets Insurance Fund	1.5	1.5	100.00%
Interest on Loans	332.63	289.57	87.05%
Loss from Exchange Rate Fluctuation	14.47	214.26	1480.74%
Total Non Operating Expenses	348.6	505.33	144.96%
Net Income / (Loss)	-4,716.47	-4,620.63	97.97%

Net loss Tk. 4620.64 crore is covered by budgetary support from Govt. and other non-cash expenses like Depreciation.

From the above statement it is clear that, the actual net loss for the FY 2010-2011 is Taka 4620.64 Crores against the revised budgeted net Loss of Taka 4716.47 Crores. This indicates that net loss decreases by Taka 113.83 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 Electricity Purchase

From IPP, Administration Expenses, Provision for maintenance and Development expense and loss due to exchange rate fluctuation. 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 834.65 Crores has transferred to assets in operation during the FY 2010-2011. Depreciation has been charged @ 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 2010-2011 against foreign and Govt. Loans are Taka 423.19 Crores and 146.46 Crores respectively. Payment of DSL to Govt. during the year

under review amounting to Taka 250.44 Crores.

Chart-2 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.

Revenue to Operating Expenses

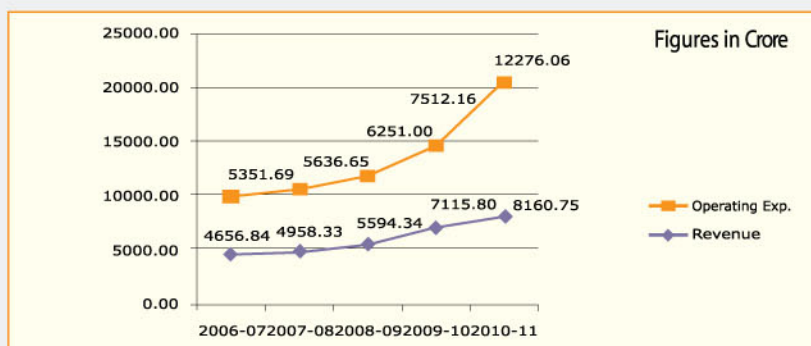


Chart-2

Category wise expenses

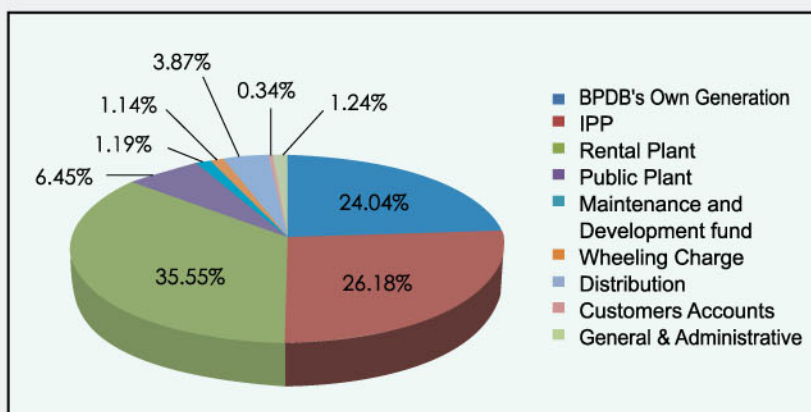


Chart-3

Sales and Collection Trend

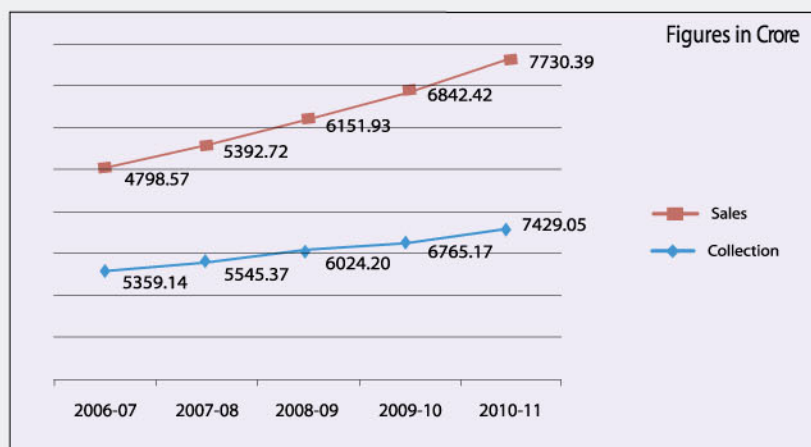


Chart-4

BALANCE SHEET

As at 30 June, 2011

Figures In Taka

PROPERTY & ASSETS	NOTE	FY 2010-11	FY 2009-10
FIXED ASSETS			
UTILITY PLANT IN SERVICE	3	317,566,439,786	308,258,707,269
LESS : ACCUMULATED DEPRECIATION	4	154,420,981,653	146,762,340,901
WRITTEN DOWN VALUE	5	163,145,458,133	161,496,366,368
PROJECT - IN - PROGRESS	6	56,412,336,132	25,706,927,526
TOTAL FIXED ASSETS		219,557,794,265	187,203,293,894
INVESTMENT	7	26,552,688,561	33,569,779,005
CURRENT ASSETS			
CASH IN HAND & AT BANK	8	18,532,524,084	19,276,891,224
ACCOUNTS RECEIVABLE - TRADE	9	51,028,096,543	47,954,158,536
ACCOUNTS RECEIVABLE - OTHERS	10	2,638,605,791	10,537,617,306
RECEIVABLE - REB	11	1,632,443,764	1,632,443,764
PROVISION FOR BAD & DOUBTFUL DEBTS	12	(608,880,974)	(568,910,374)
ADVANCE TO CONTRACTORS & SUPPLIERS	13	23,960,545,858	2,287,904,223
ADVANCE TO EMPLOYEES	14	1,285,283,508	1,338,283,257
STOCK & STORES	15	8,091,014,367	8,268,873,408
DEPOSITS & PREPAID EXPENSES	16	2,498,908,350	730,360,039
TOTAL CURRENT ASSETS		109,058,541,292	91,457,621,385
TOTAL PROPERTY & ASSETS		355,169,024,118	312,230,694,284

J. U. Ahmed & Co.
Chartered Accountants

Khan Wahab Shafique Rahman & Co.
Chartered Accountants

BALANCE SHEET

As at 30 June, 2011

Figures In Taka

CAPITAL & LIABILITIES	NOTE	FY 2010-11	FY 2009-10
AUTHORIZED CAPITAL		120,000,000,000	120,000,000,000
CAPITAL & RESERVE			
PAID UP CAPITAL	17	118,131,235,498	96,468,648,298
NET SURPLUS / (DEFICIT)	18	(157,117,812,807)	(111,241,126,281)
APPRAISAL SURPLUS	19	117,057,871,482	117,057,871,482
GRANTS	20	4,895,418,860	4,850,418,860
DEPOSIT WORK FUND	21	1,753,497,875	1,471,520,319
LIQUIDITY DAMAGE RESERVE	22	72,053,500	72,053,500
MAINTANANCE & DEVELOPMENT FUND	23	1,466,800,000	-
		86,259,064,407	108,679,386,178
LONG TERM LIABILITIES			
GOVERNMENT LOAN	24	47,299,503,524	34,257,774,691
BUDGETARY SUPPORT AS SUBSIDY FROM GOVT. (DIFFERENCE OF BUYING & SELLING RATE)	25	69,004,900,000	29,004,900,000
FOREIGN LOAN	26	17,500,193,124	17,061,102,755
		133,804,596,648	80,323,777,445
MEDIUM TERM LIABILITIES			
SECURITY DEPOSIT (CONSUMERS)	27	3,097,584,547	2,887,554,605
GPF & CPF	28	3,007,318,548	2,691,579,470
GRATUITY & PENSION FUND	29	8,500,864,812	8,179,475,712
		14,605,767,907	13,758,609,787
CURRENT LIABILITIES			
ACCOUNTS PAYABLE	30	13,778,210,178	9,955,633,023
SECURITY DEPOSIT (CONTRACTORS & SUPPLIERS)	31	652,930,066	542,782,510
ASSETS INSURANCE FUND	32	270,000,000	255,000,000
CURRENT PORTION OF LONG TERM LIABILITIES	33	4,400,692,067	5,102,231,175
DEBT SERVICING LIABILITIES (PRINCIPAL)	34	52,690,252,094	48,190,065,402
REIMBURSABLE PROJECT AID	35	761,757,527	761,757,527
DEBT SERVICING LIABILITIES (INTEREST)	36	45,345,867,411	43,324,663,212
INTEREST ON BUDGETARY SUPPORT FROM GOVT.	37	2,236,284,147	1,074,865,692
OTHER LIABILITIES	38	263,948,348	237,847,829
		120,399,941,838	109,444,846,370
CLEARING ACCOUNTS	39	99,653,317	24,074,504
TOTAL CAPITAL & LIABILITIES		355,169,024,118	312,230,694,284

J. U. Ahmed & Co.
Chartered Accountants

Khan Wahab Shafique Rahman & Co.
Chartered Accountants

INCOME STATEMENT

Figures In Taka

PARTICULARS	NOTE	FY 2010-11	FY 2009-10
OPERATING REVENUE			
ENERGY SALES	40	77,303,914,375	68,424,207,595
OTHER OPERATING INCOME	41	4,303,604,446	2,733,763,861
		81,607,518,821	71,157,971,456
OPERATING EXPENSES			
GENERATION EXPENSES	42	29,505,956,634	25,033,512,402
ELECTRICITY PURCHASE FROM IPP	43	32,135,020,160	25,279,990,354
ELECTRICITY PURCHASE FROM RENTAL	44	43,642,891,338	9,637,677,734
ELECTRICITY PURCHASE FROM PUBLIC PLANT	45	7,923,141,009	7,895,935,963
MAINTANANCE & DEVELOPMENT EXPENSES	46	1,466,800,000	-
TRANSMISSION EXPENSES FOR WHEELING CHARGE	47	1,394,429,016	1,139,551,368
DISTRIBUTION EXPENSES	48	4,752,310,855	4,690,498,978
CUSTOMER ACCOUNTS EXPENSES	49	419,807,807	308,601,356
GENERAL & ADMINISTRATIVE EXPENSES	50	1,520,236,273	1,135,837,945
		122,760,593,092	75,121,606,100
OPERATING INCOME / (LOSS)		(41,153,074,271)	(3,963,634,644)
PROVISION FOR ASSETS INSURANCE FUND		15,000,000	15,000,000
INTEREST ON BUDGETARY SUPPORT FROM GOVT.	51	1,161,418,455	601,402,627
FINANCING & OTHER CHARGES	52	1,734,283,731	1,681,101,778
NET INCOME/(LOSS) BEFORE EXCH. RATE FLUCTUATION	53	(44,063,776,457)	(6,261,139,049)
LOSS DUE TO EXCHANGE RATE FLUCTUATION		(2,142,635,831)	(96,446,501)
NET INCOME / (LOSS) FOR THE YEAR		(46,206,412,288)	(6,357,585,550)
RETAINED EARNINGS			
BALANCE AS AT JULY 01, 2010	54	(111,241,126,281)	(100,780,954,252)
PREVIOUS YEAR'S ADJUSTMENT		329,725,762	(4,102,586,478)
NET INCOME / (LOSS) FOR THE YEAR		(46,206,412,288)	(6,357,585,550)
BALANCE AS AT JUNE 30, 2011		(157,117,812,807)	(111,241,126,281)

J. U. Ahmed & Co.
Chartered Accountants

Khan Wahab Shafique Rahman & Co.
Chartered Accountants

INCOME STATEMENT OF GENERATION AND BULK SUPPLY

Figures in Taka

PARTICULARS		FY-2010-11	FY-2009-10
Operating Revenue			
Energy Sales (Bulk)		71,528,453,462	63,693,500,000
Other Operating Income		3,818,209,079	2,371,400,000
		75,346,662,541	66,064,900,000
Operating Expenses			
Fuel Expenses		19,063,332,197	16,364,300,000
Personnel Expenses		2,473,502,550	2,002,300,000
Office Expenses		391,710,948	322,100,000
Repairs & Maintenance Exp.		2,321,106,476	1,251,400,000
Depreciation		5,256,304,463	5,093,412,402
		29,505,956,634	25,033,512,402
Sub. Total Own Generation Expenses			
Maintenance & Development Expenses		1,466,800,000	-
Electricity Purchase From Ipp		32,135,020,160	25,279,990,354
Electricity Purchase From Rental		43,642,891,338	9,637,677,734
Electricity Purchase From Public Plant		7,923,141,009	7,895,935,963
General & Administrative Expenses (80%)		1,216,189,018	908,670,356
		115,889,998,159	68,755,786,808
Operating Income / (Loss)			
		(40,543,335,618)	(2,690,886,808)
Provision For Assets Insurance Fund (80%)		12,000,000	12,000,000
Interest On Budgetary Support From Govt.		1,161,418,455	601,402,627
Financing & Other Charges		1,007,375,351	932,197,373
Net Income/(Loss)Before Exch. Rate Fluctuation		(42,724,129,424)	(4,236,486,808)
Loss Due To Exchange Rate Fluctuation		(1,367,562,192)	(96,446,501)
Net Income / (Loss) For The Year		(44,091,691,616)	(4,332,933,309)

INCOME STATEMENT OF DISTRIBUTION

PARTICULARS		FY-2010-11	FY-2009-10
Operating Revenue			
Energy Sales (Retail)		24,239,004,375	21,223,742,000
Other Operating Income		485,395,367	363,100,000
		24,724,399,741	21,586,842,000
Operating Expenses			
Power Purchase Cost As Per Bst		18,463,543,462	16,397,324,043
Transmission Expenses For Wheeling Charge		1,394,429,016	1,139,551,368
Sub Total Energy Import Cost		19,857,972,478	17,536,875,411
Personnel Expenses		1,795,131,849	1,639,298,978
Office Expenses		267,497,102	332,400,000
Repairs & Maintenance Exp.		391,418,399	442,000,000
Depreciation		2,298,263,505	2,276,800,000
Sub. Total Of Distribution Expenses		4,752,310,855	4,690,498,978
Customer Accounts Expenses		419,807,807	308,601,356
General & Administrative Expenses(20%)		304,047,255	227,167,589
Total Operation Expenses (B+C+D+E+F)		25,334,138,395	22,763,143,334
Operating Income / (Loss) (A-F)			
Provision For Assets Insurance Fund(20%)		(609,738,653)	(1,176,301,334)
Financing & Other Charges		3,000,000	3,000,000
		726,908,380	748,904,405
Net Income/(Loss)Before Exch. Rate Fluctuation (G-H-I)		(1,339,647,033)	(1,928,205,739)
Loss Due To Exchange Rate Fluctuation		(775,073,639)	(96,446,501)
Net Income / (Loss) For The Year (J-K)		(2,114,720,672)	(2,024,652,240)

J. U. Ahmed & Co.
Chartered Accountants

Khan Wahab Shafique Rahman & 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-40 & 41	81,607,518,821		
	Accounts Receivable-Trade-Opening-Note-9	47,954,158,536		
	Accounts Receivable-Trade-Closing-Note-9	(51,028,096,543)		
	Accounts Receivable-Others -Opening-Note-10	10,537,617,306		
	Accounts Receivable-Others -Closing-Note-10	(2,638,605,791)		
	Provision for Bad Debt-Opening-Note-12	(568,910,374)		
	Provision for Bad Debt-Closing-Note-12	608,880,974		
			86,472,562,930	
B	Less Total Payment for Operating Expenses & Others			
	Operating Expenses net of Depreciation*01	113,635,152,341		
	Previous Year's Adjustments-Note-54	(329,725,762)		
	Interest Charges- Sh-45 (Code-675)	233,385,063		
	Liquidity Reserve-Opening- Note-22	72,053,500		
	Liquidity Reserve-Closing - Note-22	(72,053,500)		
	Accounts Payable-Opening -Note-30	9,955,633,023		
	Accounts Payable-Closing- Note-30	(13,778,210,178)		
	Security Deposit Contractor's-Opening -Note-31	542,782,510		
	Security Deposit Contractor's-Closing- Note-31	(652,930,066)		
	Other Liabilities-Opening-Note-38	237,847,829		
	Other Liabilities-Closing-Note-38	(263,948,348)		
	Advance to Contractors-Opening - Note-13	(2,287,904,223)		
	Advance to Contractors-Closing - Note-13	23,960,545,858		
	Advance to Employees-Opening- Note-14	(1,338,283,257)		
	Advance to Employees-Closing- Note-14	1,285,283,508		
	Stock & Stores-Opening- Note-15	(8,268,873,408)		
	Stock & Stores-Closing- Note-15	8,091,014,367		
	Clearing Account-Opening- Note-39	24,074,504		
	Clearing Account-Closing- Note-39	(99,653,318)		
	Deposits & Prepaid-Opening- Note-16	(730,360,039)		
	Deposits & Prepaid-Closing -Note-16	2,498,908,350		
			132,714,738,754	
C	Reimbursable Project Aid-Refunded-Sh-35		-	
D	Debt Service Liabilities-Interest Payment -Sh-36		307,322,042	
E	NET CASH OUTFLOW FROM OPERATING ACTIVITIES (A-B-C-D)			(46,549,497,866)
	CASH FLOW FROM INVESTING ACTIVITIES:			
	Consumers Security Deposit -Note-27 (Closing-Opening)	210,029,942		
	Capital Expenditure-UPIS- Sh-3	(961,261,172)		
	Capital Expenditure-PIP*06(Net Cash)	(38,655,855,791)		
	Employees Contribution to GPF, CPF & Pension Fund-Note-28&29(Closing-Opening)	637,128,178		
	Encashment of FDR-Sh-07	13,591,573,713		
	Investment in FDR-Sh-07	(6,574,483,269)		
F	NET CASH INTFLOW FROM INVESTING ACTIVITIES			(31,752,868,399)
	CASH FLOW FROM FINANCING ACTIVITIES:			
	Capital Contribution -Note-17 (Closing-Opening)	21,662,587,200		
	Grant-Note-20 (Closing- Opening)	45,000,000		
	Govt. Loan- Sh-24 (Loan Drawn during the Year)	16,148,245,658		
	Foreign Loan- Sh-26.Loan wise(Loan Drawn during the Year)	304,951,967		
	Deposit Work Fund -Note-21 (Closing- Opening)	281,977,556		
	DSL (Principal due) PGCB, APSCL & WZPDC (Except Cash) A/R Other	1,136,620,449		
	DSL (Interest) PGCB, APSCL & WZPDC (Except Cash) A/R Other	686,738,889		
	Repayment of Foreign Loan-Sh-34	(2,304,434,594)		
	Repayment of Govt. Loan-Sh-34	(200,000,000)		
	Refund of Govt. Loan- Sh-24	(81,475,200)		
	Refund of Equity to GOB	(122,212,800)		
G	NET CASH INFLOW FROM FINANCING ACTIVITIES			37,557,999,125
H	NET CASH OUTFLOW (E+F+G)			(40,744,367,140)
I	CASH RECEIVED FROM GOVT. AS BUDGETARY SUPPORT			40,000,000,000
J	OPENING CASH IN HAND			19,276,891,224
K	CLOSING CASH IN HAND(H+I+J)			18,532,524,084

POWER PURCHASE FROM IPP AND SIPP

Sl.No.	Particulars	FY 2010-2011		FY 2009-2010	
		Unit kWh	Amount in Tk.	Unit kWh	Amount in Tk.
1	2	4	5	6	7
1	Khulna Power Co. Ltd., Khulna	748,581,400	8,877,747,869	750,144,500	7,431,353,693
2	NEPC Consortium Ltd., Haripur(Liquid from 01/08/2010)	546,733,100	6,700,945,563	337,076,500	1,971,350,120
3	Westmont Power (BD) Ltd,	467,462,400	1,012,562,973	474,345,600	977,865,703
4	Rural Power Co. Ltd. Mymensing	880,614,250	3,179,974,239	830,993,250	3,250,770,630
5	Haripur Power Co. Ltd.	2,610,395,500	3,610,861,123	2,675,165,000	3,650,127,385
6	Megnaghat Power Co. Ltd.	3,310,235,000	6,760,205,879	3,331,220,890	6,352,679,223
7	Doreen Power Systems Ltd, Feni	167,949,240	367,337,297	161,762,184	359,751,735
8	Doreen Power Systems Ltd, Tangail	152,205,048	352,551,662	154,588,716	353,482,094
9	Regent Power Ltd, Barabkund	171,362,289	377,266,636	166,309,104	370,522,700
10	Summit Purbanchal Power Ltd.	209,020,315	554,156,052	216,989,027	562,087,070
11	United Power Generation & Distribution Co. Ltd (Captive)	125,074,320	341,410,867	-	-
	Total IPP & SIPP	9,389,632,862	32,135,020,160	9,098,594,771	25,279,990,353

POWER PURCHASE FROM RENTAL POWER PLANT

Sl.No.	Particulars	FY 2010-2011		FY 2009-2010	
		Unit kWh	Amount in Tk.	Unit kWh	Amount in Tk.
1	2	4	5	6	7
1	GBB ,Bogra	171,547,760	458,021,238	149,752,460	401,419,253
2	Barkatullah Electro Dynamics	381,875,356	760,691,451	229,166,935	505,227,281
3	Shahjibazar Power Co, Shahajibazar	651,615,360	1,481,305,595	635,518,245	1,402,969,449
4	Desh Energy, Kumargaon	68,848,600	165,103,371	68,011,200	165,648,241
5	Energyprima, Kumargaon	321,574,240	1,008,800,610	257,647,520	890,850,323
6	Energyprima,Shahajibazar	301,345,200	1,014,903,988	297,370,800	973,546,485
6	Energyprima, Fenchugonj			3,358,066	3,094,973
7	Venturer Energy Resorce, Bhola	143,020,285	740,474,461	163,218,975	724,021,094
8	Precision Energy Ltd.	435,593,567	1,338,239,128	114,630,720	322,054,867
9	Energy Prima Ltd., Bogra	9,316,512	7,834,439		
10	Aggreko, Khulna	224,619,060	3,501,686,809	236,893,030	3,537,692,841
11	RZ Power Ltd. Thakurgoan	113,338,229	1,907,424,439		
12	Quantum Power System Ltd, Beramara	195,583,581	2,978,685,984		
13	Energis Power 55 MW Shikalbaha	272,217,684	2,581,674,841	105,696,396	711,152,927
14	Quantum Power System Ltd, Noapara	2,779,799	25,871,696		
15	Aggreko International Projects Ltd.(Ghorashal)	226,671,952	3,420,679,271		
16	Aggreko International Projects Ltd.(Khulna)	272,539,280	4,079,712,681		
17	Aggreko International Projects Ltd.(Ghorashal)	522,707,270	7,743,435,637		
18	Desh Energy Ltd	205,976,976	2,720,696,818		
19	DPA Power Gen. Int.Ltd	137,734,590	2,147,219,631		
20	Summit Narayaganj Power Ltd	200,498,135	2,111,002,969		
21	M/S Khandan Ali Power Ltd	42,053,805	302,135,855		
22	KPCL- Rental	97,322,568	709,189,362		
23	IEL Consortium & Associates	126,029,609	954,934,021		
24	Max power Ltd	29,877,975	255,186,366		
25	Aggreko International Projects Ltd.	185,269,320	861,268,159		
26	Aggreko International Projects Ltd.	61,947,643	260,917,665		
27	United Ashuganj power Ltd	20,024,362	105,794,852		
	Total Rental Power Purchase	5,421,928,718	43,642,891,337	2,261,264,347	9,637,677,734

POWER PURCHASE FROM PUBLIC POWER PLANT

Sl.No.	Particulars	FY 2010-2011		FY 2009-2010	
		Unit kWh	Amount in Tk.	Unit kWh	Amount in Tk.
1	2	4	5	6	7
1	HARIPUR POWER STATION (100 MW)	460,452,700	938,655,589	182,268,780	496,114,670
2	SIDDIRGONJ POWER STATION (EGCB)	502,594,200	481,386,190	1,179,920,944	1,100,413,305
3	Ashugonj Power Station Co.	3,364,446,477	6,503,099,230	4,209,174,913	6,299,407,988
	Ashugonj Power Station Co. (New)	66,546,028			
	Power Purchase from Public Plant	4,394,039,405	7,923,141,009	5,571,364,637	7,895,935,963

BUDGET COMPARISON STATEMENT FOR 2010-2011

Particulars	Budget FY 2010-2011	Actual FY 2010-2011	Performance Over Budget	Favorable/ Adverse
OPERATING REVENUE				
Electricity Sales	83,649,300,000	77,303,914,375	92.41%	A
Other Operating Income	3,223,000,000	4,303,604,446	133.53%	F
Total Operating Revenue	86,872,300,000	81,607,518,821	93.94%	A
OPERATING EXPENSES				
Gas Used for Electricity Generation	7,573,900,000	7,627,876,674	100.71%	A
Diesel/Furnace oil Used for Electricity Generation	9,259,100,000	9,167,750,074	99.01%	F
Coal Used for Electricity Generation	2,359,700,000	2,269,321,339	96.17%	F
Depreciation	7,591,400,000	7,658,640,752	100.89%	A
Repair & Maintenance	3,884,600,000	2,005,516,007	51.63%	F
Electricity Purchase From IPP	31,182,400,000	32,135,020,160	103.05%	A
Electricity Purchase From Rental	49,813,300,000	43,642,891,338	87.61%	F
Electricity Purchase From public Plant	10,559,700,000	7,923,141,009	75.03%	F
Maintenance & Development Expenses	-	1,466,800,000		A
Wheeling Charges to PGCB	1,765,000,000	1,394,429,016	79.00%	F
Other Operating Expenses	2,321,100,000	1,968,886,954	84.83%	F
Sales & Distribution Expenses	3,891,600,000	3,980,083,495	102.27%	A
Administration Expenses	1,349,200,000	1,520,236,273	112.68%	A
Total Operating Expenses	131,551,000,000	122,760,593,091	93.32%	F
Operating Income / (Loss)	(44,678,700,000)	(41,153,074,271)	92.11%	F
Non - Operating Expenses				
Assets Insurance Fund	15,000,000	15,000,000	100.00%	
Interest on Loans	2,326,300,000	2,895,702,186	124.48%	A
Loss from Exchange Rate Fluctuation	144,700,000	2,142,635,831	1480.74%	A
Total Non Operating Expenses	2,486,000,000	5,053,338,017	203.27%	A
Net Income / (Loss)	(47,164,700,000)	(46,206,412,288)	97.97%	F

INCOME STATEMENT AND BALANCE SHEET RATIOS FOR 2010-2011

Sl. No	Particulars	2010-2011	2009-2010
	INCOME STATEMENT RATIOS		
1.	Rate of Return (Operating Income / Operating Avg. Fixed Assets)	-25.35%	-2.42%
2.	Operating Income Ratio (Operating Income / Total Operating Revenue)	-50.43%	-5.57%
3.	Ratio of Operating Expenses to Total Operating Revenue	150.43%	105.57%
4.	Ratio of Fuel Expenses over total Operating Expenses	9.20%	21.78%
5.	Ratio of Depreciation over Total Operating Expenses	6.24%	9.94%
6.	Ratio of Depreciation and Fuel expenses to operating expenses	15.44%	31.72%
7.	Ratio of operating cash expenses over cash collection	143.15%	97.51%
	BALANCE SHEET RATIOS		
8.	Current Ratios (Current Assets / Current Liabilities)	.92:1	.84:1
9.	Quick Ratio (Quick Assets / Current Liabilities)	.87:1	.76:1
10.	Debt/Equity Ratio	1 : 1.72.	.14: .86

GENERATION COST OF BPDB's OWN GENERATING PLANT

Sl. No.	Generating Plant under Power Station	Installed Capacity (MW)	Net Generation (KWH)	Variable Cost				Actual Fixed Cost		
				Fuel Cost Tk.	Fuel cost Per Unit	Maintenance Expenses	Total Variable Cost	Personnel Expenses	Office Expenses	Financing Charges
1	2	3	4	5	6=(5/4)	7	8=5+7	9	10	11
1	KARNAFULI HYDRO POWER STATION	230	871,430,833	-	-	22,857,941	22,857,941	232,661,230	23,236,897	57,984,102
	Total Water	230	871,430,833	-	-	22,857,941	22,857,941	232,661,230	23,236,897	57,984,102
2	BAGHABARI POWER STATION	171	1,166,229,310	1,195,093,125	1.02	260,063,450	1,455,156,575	95,675,413	26,777,853	34,705,911
3	GHORASHAL POWER STATION	950	3,759,692,356	3,541,242,447	0.94	427,940,858	3,969,183,305	585,927,237	66,855,332	94,181,350
4	CHITTAGONG POWER STATION, RAWZAN	420	370,760,287	372,354,345	1.00	617,414,622	989,768,967	171,199,896	56,974,979	33,366,088
5	SHIKALBAHA POWER STATION	210	388,509,125	320,021,295	0.82	40,045,602	360,066,897	145,490,964	20,281,426	114,586,887
6	KUMERGOAN GT POWER STN.	20	49,235,050	57,662,263	1.17	23,959,010	81,621,273	21,148,839	4,633,870	749,763
7	FENCHUGANJ 90 MW P. S. (1st unit)	90	607,990,940	448,118,125	0.74	7,634,377	455,752,502	51,307,552	4,459,145	46,256,703
8	SHAHJIBAZAR POWER STATION	117	554,426,507	649,896,648	1.17	6,766,258	656,662,906	85,625,055	9,642,154	53,625,669
9	TONGI POWER STATION	109	268,017,469	298,923,636	1.12	228,016,701	526,940,337	71,546,665	21,829,081	41,709,300
10	SIDDIRGONJ POWER STATION	210	860,803,096	743,068,396	0.86	141,114,029	884,182,425	270,641,566	34,724,450	89,614,281
11	FENCHUGANJ 90 MW P. S. (2nd unit)		36,645,481		-		-	-		-
	Total Gas	2,297	8,062,309,621	7,626,380,280	0.95	1,752,954,907	9,379,335,187	1,498,563,187	246,178,290	508,795,952
12	BARAPUKURIA POWER STATION	250	779,604,731	2,269,321,339	2.91	211,029,103	2,480,350,442	142,159,711	66,527,643	340,891,654
	Total Coal	250	779,604,731	2,269,321,339	2.91	211,029,103	2,480,350,442	142,159,711	66,527,643	340,891,654
13	KHULNA POWER STATION	170	290,544,255	3,665,576,937	12.62	70,873,329	3,736,450,266	310,456,637	17,394,680	44,106,216
	Total Furnace Oil	170	290,544,255	3,665,576,937	12.62	70,873,329	3,736,450,266	310,456,637	17,394,680	44,106,216
14	BHERAMARA POWER STATION	60	119,272,206	2,332,375,397	19.56	204,283,831	2,536,659,228	113,397,511	22,610,881	4,550,778
15	BARISHAL GAS TURBINE POWER STATION	40	65,284,876	1,446,228,833	22.15	30,404,253	1,476,633,086	55,177,184	5,113,599	5,105,025
16	BARISHAL DIESEL POWER STATION	6	1,765,451	43,654,841	24.73	2,873,763	46,528,604	16,552,745	591,859	516,467
17	BHOLA DIESEL POWER STATION	8.36	974,550	13,721,865	14.08	832,206	14,554,071	21,155,366	1,312,898	634,541
18	SAYEDPUR GAS TURBINE POWER STATION	20	47,955,650	893,098,703	18.62	15,996,536	909,095,239	37,010,516	3,263,364	956,116
19	RANGPUR GAS TURBINE POWER STATION	20	37,874,548	744,549,972	19.66	7,925,918	752,475,890	31,621,795	4,735,191	1,297,127
20	SAYEDPUR DIESEL GENERATOR					1,280	1,280	1,073,943	238,791	35,421
21	THAKURGOAN DIESEL GENERATOR						-	-		-
22	KUTUBDIA DIESEL GENERATOR	1.5	288,860	4,764,036	16.49	485,052	5,249,088	4,492,269	245,712	202,116
23	SANDIP DIESEL GENERATOR	2.64	321,426	3,462,855	10.77	588,357	4,051,212	2,017,932	261,143	-
24	HATIYA DIESEL GENERATOR	2.2	1,221,932	19,514,645	15.97		19,514,645	636,376		-
25	DGD, Dhaka			682,494			682,494	6,526,147		-
	Sub.Total Diesel	161	274,959,499	5,502,053,641	20.01	263,391,196	5,765,444,837	289,661,785	38,373,438	13,297,591
	Grand Total	3,108	10,278,848,939	19,063,332,197	36	2,321,106,476	21,384,438,673	2,473,502,550	391,710,948	965,075,515

GENERATION COST OF BPDB's OWN GENERATING PLANT

Sl. No.	Generating Plant under Power Station	Installed Capacity (MW)	Allocated Fixed Cost						
			Exchange Rate Fluctuation	Depreciation	Assets Insurance Fund	Central OH.	Total Fixed Cost	Total Generation Cost	Generation Cost Per Unit
1	2	3	12	13	14	15	17=(9+.....+16)	18=(8+17)	19=(18/4)
1	KARNARULI HYDRO POWER STATION	230	258,438,183	195,122,404	1,017,348	103,107,324	871,567,489	894,425,430	
	Total Water	230	258,438,183	195,122,404	1,017,348	103,107,324	871,567,489	894,425,430	1.03
2	BAGHABARI POWER STATION	171		205,996,608	1,361,510	142,323,632	506,840,926	1,961,997,501	1.03
3	GHORASHAL POWER STATION	950	91,885,763	1,682,785,565	4,389,237	444,845,194	2,970,869,678	6,940,052,983	1.68
4	CHITTAGONG POWER STATION, RAWZAN	420		692,489,872	432,843	43,868,199	998,331,877	1,988,100,844	1.85
5	SHIKALBAHA POWER STATION	210	52,381,223	306,170,626	453,563	45,968,234	685,332,924	1,045,399,821	5.36
6	KUMERGOAN GT POWER STN.	20		270,252	57,479	5,825,470	32,685,673	114,306,946	2.69
7	FENCHUGANJ 90 MW P. S. (1st unit)	90	171,770,743	211,874,027	709,797	71,937,228	558,315,195	1,014,067,697	2.32
8	SHAHJIBAZAR POWER STATION	117	104,543,745	132,425,332	647,263	65,599,508	452,108,725	1,108,771,631	1.67
9	TONGI POWER STATION	109		105,905,113	312,896	31,711,713	273,014,768	799,955,105	2.00
10	SIDDIRGONJ POWER STATION	210		444,458,349	1,004,941	101,849,855	942,293,442	1,826,475,867	2.98
11	FENCHUGANJ 90 MW P. S. (2nd unit)			-	42,782		42,782	42,782	2.12
	Total Gas	2,297	420,581,474	3,782,375,744	9,412,310	953,929,033	7,419,835,989	16,799,171,176	0.00
12	BARAPUKURIA POWER STATION	250	564,156,750	630,825,013	910,146	92,242,499	1,837,713,417	4,318,063,859	2.08
	Total Coal	250	564,156,750	630,825,013	910,146	92,242,499	1,837,713,417	4,318,063,859	5.54
13	KHULNA POWER STATION	170	35,973,441	338,394,159	339,195	34,377,072	781,041,400	4,517,491,666	5.54
	Total Furnace Oil	170	35,973,441	338,394,159	339,195	34,377,072	781,041,400	4,517,491,666	15.55
14	BHERAMARA POWER STATION	60		99,533,255	139,244	14,112,236	254,343,905	2,791,003,133	15.55
15	BARISHAL GAS TURBINE POWER STATION	40	11,607,713	10,618,228	76,217	7,724,479	95,422,445	1,572,055,531	23.40
16	BARISHAL DIESEL POWER STATION	6		15,528,867	2,061	208,887	33,400,886	79,929,490	24.08
17	BHOLA DIESEL POWER STATION	8.36		6,522,223	1,138	115,308	29,741,474	44,295,545	45.27
18	SAYEDPUR GAS TURBINE POWER STATION	20		200,575	55,986	5,674,092	47,160,649	956,255,888	45.45
19	RANGPUR GAS TURBINE POWER STATION	20		914,873	44,216	4,481,300	43,094,503	795,570,392	19.94
20	SAYEDPUR DIESEL GENERATOR			1,685,859	-	-	3,034,014	3,035,294	21.01
21	THAKURGOAN DIESEL GENERATOR			2,690,120	-	-	2,690,120	2,690,120	
22	KUTUBDIA DIESEL GENERATOR	1.5		3,005,717	337	34,178	7,980,329	13,229,417	45.80
23	SANDIP DIESEL GENERATOR	2.64		147,249	375	38,031	2,464,730	6,515,942	20.27
24	HATIYA DIESEL GENERATOR	2.2		2,397,750	1,427	144,578	3,180,131	22,694,775	18.57
25	DGD, Dhaka			250,947	-	-	6,777,094	7,459,588	
	Sub. Total Diesel	161	11,607,713	143,495,663	321,000	32,533,091	529,290,281	6,294,735,117	22.89
	Grand Total	3,108	1,290,757,561	5,090,212,983	12,000,000	1,216,189,018	11,439,448,576	32,823,887,249	3.19

CONSOLIDATED SHEDULE OF EXPENSES

Head of Accounts	Generation Exp	Transmission Exp.	Distribution Exp	Customers Accounts Exp	General & Administrative Expenses	Total Expenses 2010-2011	Total Expenses 2009-2010
Head of Accounts							
Gas used for Electricity Generation	7,626,380,280	-	-	-	1,496,394	7,627,876,674	7,964,097,311
Diesel/Furnece oil Used for Electricity Generation	9,167,630,578				119,496	9,167,750,074	5,820,494,073
Coal Used for Electricity Generation	2,269,321,339					2,269,321,339	2,579,687,063
Personnel Expenses	2,473,502,550	-	1,795,131,849	204,823,067	1,032,676,069	5,506,133,535	4,369,110,289
Office & Other Expenses	391,710,948	-	267,497,102	135,140,580	174,133,063	968,481,693	929,469,921
Repairs & Maintenance	2,321,106,476	-	391,418,399	39,873,560	207,738,467	2,960,136,903	2,005,616,007
Depreciation	5,256,304,463	-	2,298,263,505	-	104,072,784	7,658,640,752	7,466,837,023
Bad debts	-	-	-	39,970,600	-	39,970,600	33,138,994
Transmission Charge to PGCB	-	1,394,429,016	-	-	-	1,394,429,016	1,139,551,368
Electricity Purchase From IPP	32,135,020,160	-	-	-	-	32,135,020,160	25,279,990,354
Electricity Purchase From Rental	43,642,891,338					43,642,891,338	9,637,677,734
Electricity Purchase From Public Plant	7,923,141,009					7,923,141,009	7,895,935,963
Maintanance & Development Expenses	1,466,800,000					1,466,800,000	-
Provision for Assets Insurance Fund	-	-	-	-	-	15,000,000	15,000,000
Total	114,673,809,141	1,394,429,016	4,752,310,855	419,807,807	1,520,236,273	122,775,593,092	75,136,606,100

COMPARISON OF REVENUE AND EXPENSES WITH LAST YEAR

PARTICULARS	Actual FY 2010-2011	Actual FY 2009-2010	Increase/ Decrease	Favorable/ Adverse
OPERATING REVENUE				
ENERGY SALES	77,303,914,375	68,424,207,595	12.98%	F
OTHER OPERATING INCOME	4,303,604,446	2,733,763,861	57.42%	F
TOTAL	81,607,518,821	71,157,971,456	14.68%	F
OPERATING EXPENSES				
FUEL COST	19,064,948,087	16,364,278,447	16.50%	A
ELECTRICITY PURCHASE FROM IPP	32,135,020,160	25,279,990,354	27.12%	A
ELECTRICITY PURCHASE FROM RENTAL	43,642,891,338	9,637,677,734	352.84%	A
ELECTRICITY PURCHASE FROM PUBLIC PLANT	7,923,141,009	7,895,935,963	0.34%	A
MAINTANANCE & DEVELOPMENT FUND	1,466,800,000	-		
DEPRICIATION	7,658,640,752	7,466,837,023	2.57%	A
REPAIR & MAINTAINENCE	3,000,107,502	2,038,755,001	47.15%	A
PERSONAL EXPENSES	5,506,133,535	4,369,110,289		
OFFICE AND ADMINISTRATIVE EXPENSES	968,481,693	929,469,921		
WHEELING CHARGE	1,394,429,016	1,139,551,368	22.37%	A
TOTAL	122,760,593,092	75,121,606,100	63.42%	A
OPERATING INCOME / (LOSS)	(41,153,074,271)	(3,963,634,644)	938.27%	A
PROVISION FOR ASSETS INSURANCE FUND	15,000,000	15,000,000	0.00%	
INTEREST ON BUDGETARY SUPPORT FROM GOVT.	1,161,418,455	601,402,627	93.12%	A
FINANCING & OTHER CHARGES	1,734,283,731	1,681,101,778	3.16%	A
NET INCOME/ (LOSS) BEFORE CHARGING ERF LOSS/ GAIN	(44,063,776,457)	(6,261,139,049)	603.77%	A
LOSS DUE TO EXCHANGE RATE FLUCTUATION	2,142,635,831	96,446,501	2121.58%	A
NET INCOME/ (LOSS) FOR THE YEAR	(46,206,412,288)	(6,357,585,550)	626.79%	A

COMPARATIVE INCOME STATEMENT

PARTICULARS	Actual FY 2010-2011	Actual FY 2009-2010	Increase/ Decrease	Favorable/ Adverse
OPERATING REVENUE				
Electricity Sales	77,303,914,375	68,424,207,595	12.98%	F
Other Operating Income	4,303,604,446	2,733,763,861	57.42%	F
Total Operating Revenue	81,607,518,821	71,157,971,456	14.68%	F
OPERATING EXPENSES				
Generation Expenses	29,505,956,634	25,033,512,402	17.87%	A
Electricity Purchase from IPP	32,135,020,160	25,279,990,354	27.12%	A
Electricity Purchase from Rental Plant	43,642,891,338	9,637,677,734	352.84%	A
Electricity Purchase from Public Plant	7,923,141,009	7,895,935,963	0.34%	A
Maintenance & Development Expenses	1,466,800,000	-		A
Wheeling Charges	1,394,429,016	1,139,551,368	22.37%	A
Distribution Expenses	4,752,310,855	4,690,498,978	1.32%	A
Customer Accounts Expenses	419,807,807	308,601,356	36.04%	A
General and Administrative Expenses	1,520,236,273	1,135,837,945	33.84%	A
Total Operating Expenses	122,760,593,092	75,121,606,100	63.42%	A
Operating Income / (Loss)	(41,153,074,271)	(3,963,634,644)	938.27%	A
Non - Operating Expenses				
Assets Insurance Fund	15,000,000	15,000,000	0.00%	
Interest on Budgetary Support From Govt.	1,161,418,455	601,402,627	93.12%	A
Finance and Other charges	1,734,283,731	1,681,101,778	3.16%	A
Loss due to Exchange Rate Fluctuation	2,142,635,831	96,446,501	2121.58%	A
Net Non-Operating Expenses	5,053,338,017	2,393,950,906	111.09%	A
Net Income / (Loss)	(46,206,412,288)	(6,357,585,550)	626.79%	A



BPDB is Introducing 'Video Conference' within the Chairman Office and Distribution Zones.

PERSONNEL EXPENSES

Code No.	Head of Accounts	Generation Exp	Trans. Exp.	Distribution Exp	Customers Accounts Exp	Total General & Administrative Exp	Total Expenses 2010-2011	Total Expenses 2009-2010
0.20	Pay of Officers	171,917,925	-	138,694,688	19,212,967	144,568,647	474,394,227	434,847,373
0.21	Pay of Staff	318,446,329	-	453,922,147	20,402,781	177,814,993	970,586,250	861,252,309
0.22	Allowances of Officers	95,378,513	-	58,545,407	8,247,975	77,638,987	239,810,881	147,242,264
0.23	Allowances of Staff	218,910,701	-	278,969,032	11,802,389	98,491,547	608,173,670	391,082,878
0.24	Leave Encashment	25,346,792	-	31,724,424	3,290,488	32,091,603	92,453,307	9,491,940
0.25	Overtime Allowances (Single Rate)	47,519,822	-	68,926,081	3,043,777	26,668,304	146,157,984	93,503,471
25a	Overtime Allowances (Double Rate)	284,655,511	-	283,456,375	7,107,602	60,555,894	635,775,383	391,534,008
0.28	House Rent Expenses	-	-	115,000	-	115,102	230,102	8,068
0.29	Medical Expenses	2,927,142	-	604,899	9,995	1,201,995	4,744,031	2,063,907
0.31	Bonus for Officers	33,604,224	-	27,193,150	3,862,361	31,661,337	96,321,072	46,977,179
.31a	Bonus for Staff	69,647,527	-	91,658,916	3,798,847	33,618,811	198,724,101	102,449,428
.35b	Employees Electricity Rebate	55,594,986	-	76,136,247	3,805,408	29,130,063	164,666,703	95,110,774
0.50	Workmen Compensation	-	-	54,894	-	1,582	56,476	-
0.51	Gratuity	2,366,090	-	-	-	675,165	3,041,255	307,498
0.53	Income Tax of Officers & Staff	9,677,812	-	2,853,914	921,303	8,375,827	21,828,856	13,984,212
0.55	Employees Other Benefit & Welfare Expenses	1,904,261	-	1,365,534	14,000	9,993,597	13,277,392	32,779,988
0.56	Board's Contribution to CPF	2,380,819	-	2,926,266	191,481	488,747	5,987,314	10,031,030
0.57	Board's Contribution to Pension Fund	931,407,964	-	89,358,647	101,725,770	138,124,369	1,260,616,751	1,226,407,269
0.58	Leave Encashment on Retirement	21,577,193	-	32,453,478	2,432,805	27,466,037	83,929,513	167,347,055
0.59	L. Salary & Pension Cont. for Trans. Govt. Employees	-	-	2,217,186	-	1,202,849	3,420,035	591,764
0.63	Honorarium	68,291,046	-	30,297,610	6,025,437	59,973,668	164,587,761	90,197,049
0.63A	Honorarium	10,254,878	-	11,839,014	14,700	18,333,501	40,442,093	42,592,721
0.66	Wages for Hired Labour	92,576,662	-	111,236,879	8,912,980	50,854,293	263,580,814	209,289,061
0.67	Interest on GPF/CPF	9,116,352	-	582,060	-	3,629,152	13,327,564	19,045
Total		2,473,502,550	-	1,795,131,849	204,823,067	1,032,676,069	5,506,133,535	4,369,110,289



Workshop on Power Sector Development and Mass Media

OFFICE AND OTHER EXPENSES

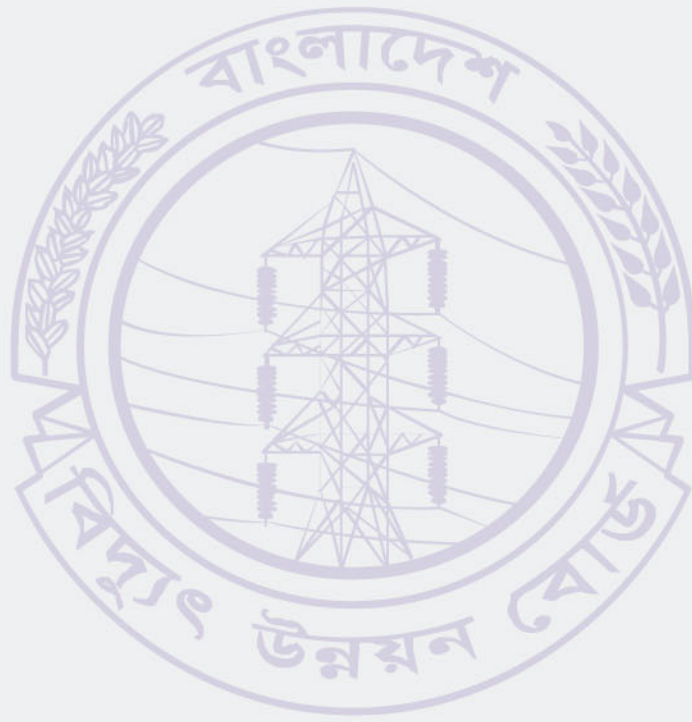
Code No.	Head of Accounts	Generation Exp	Trans. Exp.	Distribution Exp	Customers Accounts Exp	Total General & Administrative Expenses	Total Expenses 2010-2011	Total Expenses 2009-2010
0.26	Traveling Expenses/ Allowances(For Official)	18,743,016	-	37,627,227	2,423,030	23,928,614	82,721,887	70,181,691
.26a	Traveling Expenses (For Training)	926,982	-	399,931	14,266	1,334,872	2,676,051	2,085,965
0.27	Conveyance Charge	645,436	-	4,790,353	274,008	2,956,623	8,666,420	7,468,338
.29a	Washing Expenses	110,873	-	235,193	2,980	211,852	560,898	441,588
0.30	Representation & Entertainment	236,252	-	37,745	10,455	2,702,185	2,986,637	1,542,582
0.32	Stationary & Printing	7,464,105	-	34,169,540	2,285,315	26,656,137	70,575,097	62,517,774
0.33	Taxes,Licence & Fees	17,497,499	-	14,490,832	10,274,520	13,025,950	55,288,801	69,672,400
0.34	Office Rent	165,920	-	4,492,880	-	2,620,527	7,279,327	6,086,224
0.35	Water Charges	3,240,657	-	1,418,550	-	2,891,043	7,550,250	8,862,114
.35a	Electric Charges (Own use)	80,236,918	-	75,499,001	596,971	18,276,360	174,609,250	156,783,312
.35c	Electricity Rebate - Freedom fighters	68,058	-	1,056,659	-	2,572,012	3,696,729	-
0.36	Uniforms & Liveries	5,879,902	-	5,275,222	158,752	1,529,098	12,842,974	16,495,337
0.37	Post & Telegram	211,268	-	531,531	190,887	1,866,120	2,799,807	2,494,359
.37a	Telephone,Telex & Fax	2,069,768	-	6,692,772	1,126,549	6,501,356	16,390,445	16,008,037
0.38	Advertising & Promotion	24,098,945	-	27,368,426	61,825	32,428,866	83,958,062	85,990,217
0.39	Audit Fee	-	-	(30,499)	60,352,449	1,021,916	61,343,866	22,474,198
.39a	Legal Expenses (Lawyer's Fees & Court Fees)	57,105	-	2,683,525	60,000	2,529,403	5,330,033	6,125,976
0.40	Books & Periodicals	489,175	-	392,452	42,036	852,938	1,776,601	1,648,757
0.45	Custom Duties & Sale Tax	97,726,092	-	23,681,631	-	396,947	121,804,670	87,023,609
.45a	Vat	81,975,604	-	15,473,107	-	-	97,448,711	61,963,347
0.52	Donation & Contributions	1,365,450	-	493,323	-	926,610	2,785,383	1,738,271
0.54	Training & Education	409,033	-	1,173,012	6,000,000	13,888,586	21,470,631	7,327,759
0.61	Bank Charge & Commission	48,009,691	-	9,544,691	50,983,031	13,833,725	122,371,138	234,343,459
0.68	Allocation of Gen. Admn. Exp.	-	-	-	-	930,642	930,642	-
0.69	Miscellaneous Expenses	83,197	-	-	283,506	250,682	617,385	194,605
Total		391,710,948	-	267,497,102	135,140,580	174,133,063	968,481,693	929,469,921



Discussion meeting and cultural programme organized by BPDB to celebrate victory day.

REPAIR AND MAINTENANCE EXPENSES

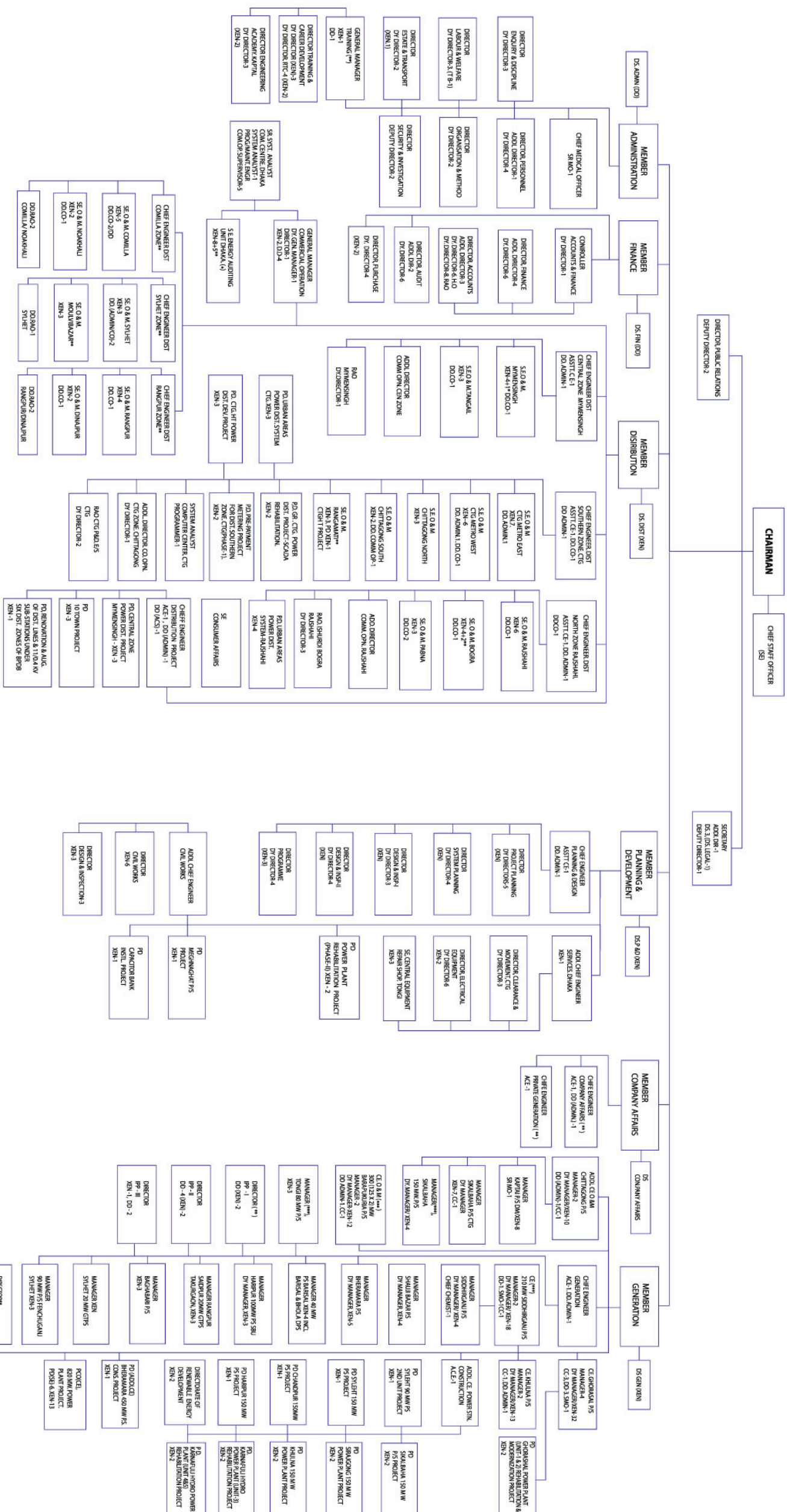
Code No.	Head of Accounts	Generation Exp	Trans. Exp.	Distribution Exp.	Customers Accounts Exp.	Total General & Administrative Exp.	Total Expenses 2010-2011	Total Expenses 2009-2010
0.42	Petrol/ Diesel & Lubricants Used for Transport	23,264,251	-	82,428,927	3,434,774	28,371,980	137,499,932	128,944,651
.42(a)		1,184,817	-	157,984	-	4,362,192	5,704,993	4,697,073
0.43	Petrol/ Diesel & Lubricants Used for Other Equipment	25,029,812	-	-	-	44,889	25,074,701	30,147,471
0.44	Store & Spares Used	1,907,070,828	-	83,801,487	20,644,819	8,466,919	2,019,984,053	1,233,700,048
0.46	Demurrage & Warfront	3,276,652	-	1,341,317	-	-	4,617,969	2,472,563
0.48	Hire of Equipment	-	-	-	-	-	-	7,360,749
0.49	Freight & Handling	17,107,897	-	34,030,867	845,729	89,839	52,074,332	38,208,906
0.60	Insurance (For Goods & Property)	14,349,627	-	214,904	-	177,923	14,742,454	20,679,710
.60a	Insurance (For Transportation Equipment)	1,399,563	-	1,042,535	138,101	2,864,946	5,445,145	3,899,445
0.64	Contractor's Fees	-	-	21,300	1,277,930	12,119,100	13,418,330	33,373,778
.64a	Contractor's Fees	-	-	22,572	-	20,997,981	21,020,553	24,366,345
0.65	Consultants Expenses	68,491,446	-	2,443,741	-	1,435,664	72,370,851	39,256,303
0.70	Land & Land Rights	-	-	-	-	7,111	7,111	-
0.71	Structure & Improvement	38,151,780	-	27,318,502	5,577,500	72,686,090	143,733,872	118,139,498
0.72	Boiler Plant equipment	14,358,324	-	-	-	-	14,358,324	5,078,266
0.73	Engine & Engine Driven Generators	6,725,553	-	-	-	-	6,725,553	7,202,557
0.74	Generator	24,275,294	-	-	-	139,990	24,415,284	26,407,910
0.75	Prime Movers	7,514,169	-	-	-	-	7,514,169	5,552,175
0.76	Accessory elect. equipment	3,594,058	-	297,650	-	-	3,891,708	2,298,196
0.77	Reservoir, Dams & Waterways	2,849,527	-	-	-	-	2,849,527	1,237,359
0.78	Water Wheels and Turbines	-	-	-	-	132,088	132,088	-
0.79		-	-	-	-	-	-	6,450
0.81	Station Equipment	296,157	-	529,698	-	-	825,855	1,428,846
0.82	Towers and Fixtures	-	-	-	-	-	-	-
0.83	Poles & Fixtures	-	-	1,810,564	-	-	1,810,564	2,753,431
0.84	Overhead Conduct & Devices	687,174	-	99,527,191	4,021,024	4,796,955	109,032,344	119,865,122
0.85	Underground Conductors	-	-	6,000	-	-	6,000	-
0.86	Line Transformers	6,280	-	18,485,704	-	12,064	18,504,048	21,047,580
0.87	Street Lighting and Single Systems	-	-	-	-	-	-	81,716
0.88	Meters	-	-	-	-	-	-	879,901
0.89	Transportation Equipment's	13,999,786	-	33,224,861	2,735,864	31,048,612	81,009,122	68,435,905
0.90	Heavy & Other Power Operated Equipment's	528,000	-	28,444	-	914,361	1,470,805	2,799,521
0.91	Office furniture & Equipment	867,886	-	2,407,862	1,197,819	11,451,616	15,925,183	26,511,470
0.92		1,788	-	-	-	246,505	248,293	169,654
0.93	Tools, Shop and Garage Equipments	118,100	-	1,690,735	-	674,080	2,482,915	1,737,464
0.94	Laboratory Equipment	-	-	5,000	-	3,740	8,740	608,779
0.95	Stores Equipment	145,757,076	-	543,306	-	6,621,078	152,921,460	22,485,032
0.96	Fire Fighting Equipment	200,631	-	-	-	72,745	273,376	-
0.99	Miscellaneous Equipment	-	-	37,249	-	-	37,249	3,782,135
Total		2,321,106,476	-	391,418,399	39,873,560	207,738,467	2,960,136,903	2,005,616,007



ORGANISATION CHART OF BANGLADESH POWER DEVELOPMENT BOARD

(SHOWING POSITION DOWN TO XEN / DD AND EQUIVALENT)

As on June, 2011



SUMMARY (INCLUDING PROJECTS)

CHAIRMAN-1, MEMBER-6, CHIEF ENGINEER-8+6**, G.M/ADDL. CHIEF ENGINEER-7
CONTROLLER-1, CMO-1, MANAGER/DIRECTOR (TECH)/SE/DGM-71+4**, SR.SYSTEAM ANALYST-1

XEN/DD/DS/DM-269+21** DD (NON TECH)-114+2**, SYSTEM ANALYST-2

PRO/M.E/COMPUTER OPERATION SUPERVISOR-6, CC-7, SMO-3

TOTAL SANCTIONED STRENGTH-20,755

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

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

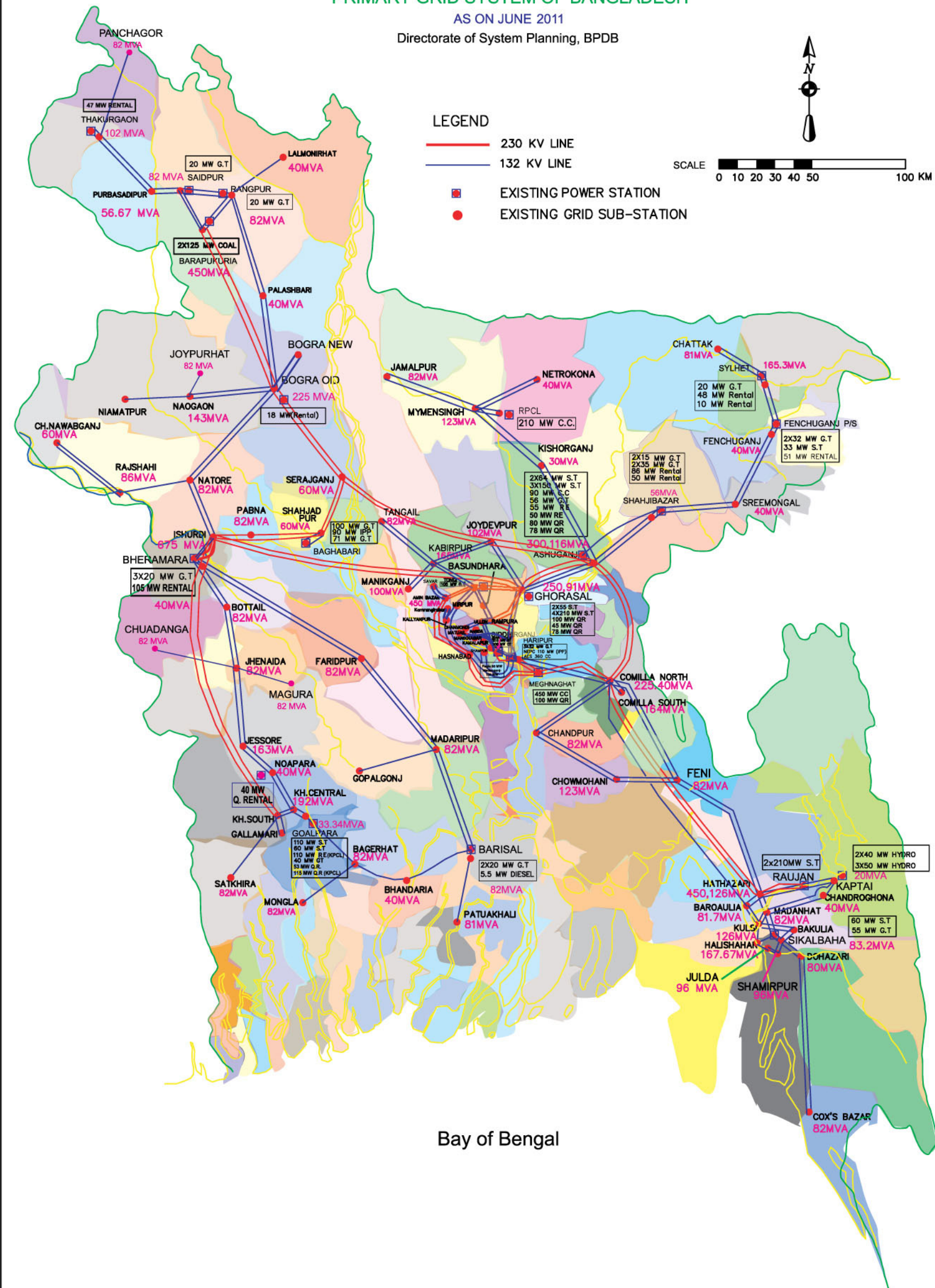
(****) SET-UP ISSUED FROM APPROVED PP PROVISION AS PER REQUIREMENT

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

PRIMARY GRID SYSTEM OF BANGLADESH

AS ON JUNE 2011

Directorate of System Planning, BPDB



Prepared by the Directorates of System Planning, Programme, Accounts and O & M
Compiled and Published by the Directorate of Public Relations, BPDB
Web Site: www.bpdb.gov.bd

Date of Publication : January 31, 2012