Annual Report
2014-2015

Bangladesh Power Development Board

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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

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

From the desk of Chairman

Bangladesh Power Development Board (BPDB), the vanguard of power sector of the country is going to publish its Annual Report for the Fiscal 2014-2015. In it's long journy BPDB is conntributing relentlessly in power sector development specially in power generation and power management. It leads the whole power sector generation planning and implementation of short, medium & long term generation to mitigate power demand of the country. Basides BPDB is engaged in purchasing electricity from IPPs, SIPPs, Rental Plants, APSCL, EGCB & NWZPGCL and selling energy to distribution companies. BPDB is now also working for exploring and researching alternative fuel for power generation.

The annual report depicts overall scenario of BPDB activities including generation, transmission, distribution, planning & development, financial and organisational structures. During the FY 2014-2015 inspiring progress was achieved in most areas of BPDB specially in generation. 1048 MW new generation capacity was added to national grid raising the total generation capacity to 10939 MW. The highest peak generation was 7817 MW and the total energy generation was 45836 GWh (Including REB) which was 6.27% and 8.54% higher than the previous year respectively.

In the said fiscal year retail sales of BPDB's distribution zone was 9,315 MkWh, which was 10.16% higher than the previous year. Distribution system loss of BPDB's own zones reduced to 11.17% from 11.89% of previous year. During the year under report, BPDB has also provided 2,55,795 new connections increasing the total number of consumers to 31,57,030 and the annual increment was 8.82%.

Since January 2009, about 6881 MW capacity was added to the national grid. BPDB also prepared a plan for addition of 17,000 MW generation capacity within the year 2021. At present 27 power generation projects of capacity 6214 MW are under construction.

For customer's service and satisfaction, BPDB has introduced Computerized Billing, Renewable energy, Bill-pay through Mobile Phone, One stop service, On-line application, Pre-payment Metering, Supervisory Control & Data Acquisition (SCADA), Energy Efficiency Measures and need based Training etc.

BPDB's commitment in materializing the vision and mission of the organisation is very firm. Now we are on the right path to achieve the goal of providing quality and reliable electricity to all citizen of the country by 2021.

I hope this annual report would give a true picture of BPDB as well as power sector.

Md. Shamsul Hassan Miah
Chairman
Bangladesh Power Development Board

Hon'ble Prime Minister Sheikh Hasina inaugurating four Power Plants, one Transmission Line and one Sub-station through video conference from Ganabhaban.

Contents

Present Board

(31 January, 2016)

Md. Shamsul Hassan Miah
Chairman

Md. Azizul Islam
Member (Finance)

Lokman Hossain Miah
Member (Administration)

Minhajuddin Ahmed
Member (Distribution)

Khaled Mahmood
Member (Generation)

Abul Baser Khan
Member (P & D)

About BPDB

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 had started its operation with generation capacity of only 180 MW. In its 43 years service, the generation capacity of the country increased to 10,939 MW at the end of the FY 2014-2015.

As part of reform and restructuring, transmission was vertically separated as a subsidiary of BPDB and distribution was horizontally separated to create new distribution entities in capital city (DPDC & DESCO) and rural areas (REB). Further, a number of generation and urban distribution companies were created as a subsidiary of BPDB. The subsidiaries of BPDB are:

- Ashugongj Power Station Company Ltd. (APSCL)
- Electricity Generation Company of Banglades Ltd. (EGCB)
- North West Power Generation Company Ltd. (NWPGCL)
- Power Grid Company of Bangladesh (PGCB)
- West Zone Power Distribution Company Ltd. (WZPDCL)

BPDB is under the Power Division of the Ministry of Power, Energy and Mineral Resources, Government of Bangladesh. Key responsibilities of the Board are:

- Generation of electricity from its own Power Plants.
- Power purchase from Public & Private Generation companies as a single buyer.
- Bulk sales of electricity to Utilities as a single buyer.
- Retail sales of electricity within its six Distribution Zones.
- Preparation of Generation and Distribution Expansion Plan.
- Implementation of Generation & Distribution Projects as approved by the Government.

BPDB prepared generation expansion plan to add about 17,400 MW from 2015 to 2021 to achieve generation capacity 24,000 MW by 2021 with the aim to provide quality and reliable electricity to the all people across the country for desired economic growth and social development. BPDB also prepared distribution expansion plan to keep pace with the growing demand.

During the Financial Year under report (2014-15) Chairman and Members of the Board:

Chairman

Mr. Md. Abduhu Ruhullah (Upto 31. 12. 2014)
Mr. Md. Shahinul Islam Khan (From 31. 12. 2014)

Member (Administration)

Mr. Lokman Hossain Miah

Member (Finance)

Mr. Md. Azizul Islam

Member (Generation)

Mr. Md. Shahinul Islam Khan (Upto 25. 03. '15)
Mr. Swapan Kanti Chakraborti (25. 03. '15 - 02. 04. '15)
Mr. Md. Shamsul Hassan Miah (02. 04. '15 - 07. 05. '15)
Mr. Mustak Ahmed (From 07. 05. '15 - 18. 06. '15)
Mr. Md. Shamsul Hassan Miah (From 18. 06. '15)

Member (Distribution)

Mr. Shawpan Kumar Saha (Upto 08. 09. '14)
Mr. K. M. Hassan (From 08. 09. '14)

Member (Planning & Development)

Mr. Shawpan Kumar Saha (Upto 10. 07. '14)
Mr. Md. Shajahan Miah (10. 07. '14 - 08. 09. '14)
Mr. Jafar Ullah Bhuyan (08. 09. '14 - 30. 12. '14)
Mr. K. M. Hassan (31. 12. '14 - 21. 01. '15)
Mr. A.B.M Mizanur Rahman (From 22. 01. '15)

Member (Company Affairs)

Mr. Tamal Chakraborti (Upto 30. 12. '14)
Mr. Md. Shahinul Islam Khan (30. 12. '14 - 18. 01. '15)
Mr. Md. Shamsul Hassan Miah (From 18. 01. '15)

HIGHLIGHTS

Power sector witnessed significant progress in power generation in the fiscal year 2014-15. During this fiscal year, 1048 MW new capacity added from the newly installed power plants which raised the total generation capacity to 10,939 MW and annual increment of generation capacity was 11.38%. Out of this new capacity addition, BPDB installed 910 MW (including contracted capacity of IPPs) and the remaining 68 MW was installed by NWPGCL, 140 MW was installed by APSCL. The highest peak generation was 7,817 MW and the total energy generated 43,738 GWh which was 6.27% and 8.54% higher than the previous year respectively. Despite increasing electricity demand, average load shedding came down at a tolerable limit.

Due to gas shortage and inadequate new generation addition in the few years back, demand of electricity outpaced generation capacity caused persistent load shedding. In order to mitigate the demand-supply gap, an aggressive plan is prepared by the Government for new generation addition. As part of the plan, 27 power generation projects of capacity 6,427 MW are now under construction. The plan envisages around 7,900 MW new generation addition by 2018.

Gas supply for public power decreased 1.5% from previous year, power generation from liquid fuel based public power plants increased by 12% caused higher cost in power generation.

In this fiscal year, BPDB sold bulk energy of 42,616 GWh to the distribution utilities including BPDB zones as single buyer and retail sales of BPDB's six distribution zones was 9,315 MkWh, which was 8.56% and 10.16% higher than the previous year respectively. Distribution system loss of BPDB's six zones came down to 11.17% from 11.89% of previous year. Collection/Import (C/I) ratio increased to 85.29% from 83.30%. Per capita generation and consumption (Grid) increased to 290 kWh & 251 kWh from 271 kWh & 233 kWh respectively of previous year.

The net operating loss in the FY 2014-15 increased to 72.83 Billion Taka from 68.09 Billion Taka of previous year. The net loss increased from the previous year mainly due to increased liquid fuel generation together with substantial fuel price hike in phases over the period.

KEY STATISTICS

Sl. No.	Particulars	Year 2013-14	Year 2014-15	% Change over the previous year
1	**Installed Capacity of Power Plants as of June (MW):** **a) Public Sector**			
	i) BPDB	3651	3651	0.00
	ii) APSCL	580	722	24.48
	iii) EGCB	622	622	0.00
	iv) RPCL	77	77	0.00
	v) NWPGCL	300	368	22.67
	b) Private Sector :			
	i) IPP/SIPP	1,789	2,627	46.84
	ii) Rental	2051	2121	3.41
	c) REB (for PBS's only)	251	251	0.00
	d) Energy Import	500	500	0.00
	e) System Total Installed Capacity (MW)	9,821	10,939	11.38
2	Maximum Peak Generation (MW)	7,356	7,817	6.27
3	Maximum Peak Demand (MW)	9,268	10,283	10.95
4	Net Energy generation (GWh):			
	a) i) Public Sectors	19645	21103	7.42
	ii) Private Sectors (IPP, SIPP, & Rental)	18387	19255	4.72
	iii) Energy Import	2265	3380	
	iv) Total Generation (In account of Single Buyer)	40,296	43,738	8.54
	b) REB (for PBS's only)	1,899	2,098	10.49
	c) System Total Generation (GWh)	42,195	45,836	8.63
5	Per Unit Generation Cost in Public & Private (Tk/Kwh)	5.88	5.86	-100.00
6	a) Fuel Cost for Thermal Plants in Public Sector (MTk)	56252	58357	-100.00
	b) Per Unit fuel Cost for tharmal Plants (Tk/KWh)	2.8	2.80	0
7	Annual Plant Factor of Public Sector's Power Plants (%)	45.11	46.53	3.15
8	System load factor (%)	62.53	63.87	2.14
9	BPDB's Commercial Activities as Single Buyer :			
	a) Bulk Sales Unit to Utilities (GWh)	39,256	42,616	8.56
	b) Bulk Billing Amount (MTk)	186,330	204,951	9.99
	c) Bulk Collection Amount (MTk)	174,740	193,013	10.46
	d) Accounts Receivables to Utilities (MTk)	78,415	85,649	9.23
10	Transmission Loss (%)	2.72	2.74	0.74
11	Ave. Bulk Electricity Supply cost Taka/kWh	6.25	6.27	-100.00
12	BPDB's Commercial Activities with in Distribution Zones :			
	a) Energy Imports for Retail Sale (MKWh)	9,597	10,486	9.27
	b) Retail Sales Unit (MKWh)	8,456	9,315	10.16
	c) Retail Billing Amount (MTk)	49,122	57,054	16.15
	d) Retail Collection Amount (MTk)	46,439	54,781	17.96
	e) Accounts Receivables to Retail Consumers (MTk)	11,909	14,755	23.90
	f) Collection/Bill Ratio (%)	94.54	96.02	1.57
	g) Collection/Import Ratio (%)	83.30	85.29	2.39
	h) Distribution System loss (%)	11.89	11.17	-6.06
13	Transmission & Distribution (T & D) system Loss (%)	14.13	13.55	-100.00
14	Total Number of consumers of BPDB (Nos.)	2,901,235	3,157,030	8.82
15	Total Population in the Country (Million)	156	157.8	2.07
16	Per capita generation (kWh)	271	290	6.42
17	Per capita Consumption (kWh)	233	251	7.14
18	Net profit/(loss) (MTk)	(68,092)	(72,829)	-100.00

Note : Maximum Demand is shown as per power system master plan 2010.

Hon'ble Prime Minister Sheikh Hasina is laying the foundation stone of Chapainawabganj 100 MW Power Plant.

Chapter-I

Overview on BPDB Operations

GENERATION

Electricity Demend

Demand of electricity is increasing rapidly due to enhanced economic activities in the country with sustained GDP growth. At present, growth of demand is about 10% which is expected to be more in coming years. The maximum demand in this fiscal year was 10,283 MW (as per PSMP-2010).

Load Factor and Load Management

Demand of electricity in the system varies throughout the day and night. The maximum demand is occurred during 5 pm to 11 pm which is termed as 'peak hour' and other part of the time is termed as off-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 higher Load Factor, as this would permit better utilization of plant capacity. Moreover, the cost of energy supply during peak hour is higher, because some relatively costlier power plants are required to put in operation during the peak hour. For these reasons, load management is essential throughout the year for better capacity utilization of power plants and minimum generation cost.

There are some loads in the system which can be avoided or minimized by consumers during peak hour. In order to shift these kinds of loads from peak hour to off-peak hour by introducing some mechanism is termed as load management. From the view point of load management, (i) two-part tariff is introduced for 3-phase consumers (LT & HT) where peak hour price is much higher than the off-peak hour that motivates consumers to avoid or use less in the peak hour; (ii) Market & Shopping malls are kept close after 8.00 PM; (iii) holiday staggering is implemented to keep industries, markets & shopping malls close on area basis holiday marked day; (iv) consumers are encouraged to use energy efficient bulb, electric appliances, pumps, etc; (v) consumers are encouraged to keep their air-conditioner's temperature at 25 degree and so on. These measures also minimize load-shedding across the country.

Generation

Generation Capacity

Total generation capacity was 10,939 MW which includes 2627 MW IPP/SIPP, 2121 MW Rental Power Plant & 251 MW in REB (for PBS) and 500MW Power Import from India. The maximum peak generation was 7,817 MW which was 6.27% higher than that in the previous year. The reasons for lower peak generation with respect to generation capacity were: (i) some plants are out of operation for maintenance, rehabilitation & overhauling (ii) capacity of some plants derated due to aging and (iii) gas shortage. The Generation Capacity mix is shown below:

Generation Capacity by Plant & Fuel Type

By type of plant		By type of fuel	
Hydro	230 MW (2.10 %)	Gas	6781 MW (61.99%)
Steam Turbine	2217 MW (20.27%)	Furnace Oil	2301 MW (21.03%)
Gas Turbine	1838 MW (16.80 %)	Diesel	927 MW (8.47%)
Combined Cycle	2162 MW (19.76%)	Power Import	500 MW (4.57%)
Power Import	500 MW (4.57%)	Hydro	230 MW (2.10 %)
Reciprocating Engine	3992 MW (36.49%)	Coal	200 MW (1.83%)
Total	**10,939 MW (100%)**	**Total**	**10,939 MW (100%)**

Energy Generation

Total net energy generation (excluding REB) in FY 2015 was 43,738 GWh, which was about 8.54% higher than previous year's net generation of 40,296 GWh. Net energy generation in the public sector was 21,103 GWh and 19,255 GWh in the private sector. Another 3380 GWh was imported from India through the interconnection in Bheramara.

Total net energy generated in public and private sector power plants (excluding REB) by type of fuel are as follows:

Hydro	566 GWh (1.29%)
Natural Gas	29,731 GWh (67.98%)
Furnace Oil	7,415 GWh (16.95%)
Diesel	1,704 GWh (3.90%)
Coal	941 GWh (2.15%)
Power Import	3,380 GWh (7.73%)
Total	**43,738 GWh (100%)**

Signing of Financial Agreement for USD 112 Million ECA backed credit facility for Chapainawabganj 100 MW HFO based Power Plant between BPDB and HSBC.

Plant Efficiency and Maintenance

The overall thermal efficiency (Net) of the public sector power plants in FY 2015 was 33.29 %, higher than previous year's of 33.06 % efficiency.

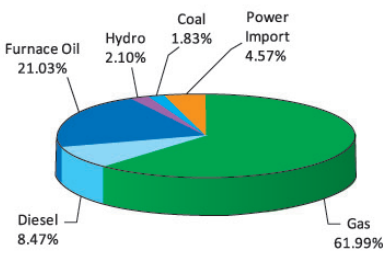
Three years maintenance plan has been prepared at the beginning of FY 2013 to improve overall thermal efficiency. Below the list of major power plants were under maintenance in the year under review:

Maintenance of Power Plants In Fy 2014-15

Sl. no.	Name of Power Station	Present Capacity (MW)	Type of Maintenance (HGPI/MI/OH)	Duration of Maintenance	
				Starting Date	Completion Date
1.	Ghorashal Unit - 4	180	Overhauling	05/01/2015	Ongoing (Expected Date 31/12/2015)
2.	Barapukuria ST - 1	100	Coal Mill Maintenance	20/11/2014	12/12/2014
3.	Barapukuria ST - 2	100	DCS System Upgradation	19/12/2014	01/02/2015
4.	Tongi GT	105	Torque Converter Replacement and Generator Bearing Maintenance	22/08/2014	21/11/2014
5.	Haripur GT - 1	20	Hot Gas Path Inspection	20/01/2015	17/02/2015
6.	Haripur GT - 2	20	Hot Gas Path Inspection	27/11/2014	23/12/2014
7.	Fenchuganj CCPP GT - 1	26	Major Inspection	11/01/2015	26/02/2015
8.	Fenchuganj CCPP STG - 2	30	HRSG - 3 & HRSG - 4 Maintenance	24/01/2015	12/02/2015
9.	Baghabari 71 MW GT	71	Upgradation of Control System and Exhaust Diffuser & Plenum Replacement	01/11/2014	31/12/2014
10.	Baghabari 100 MW GT	100	Hot Gas Path Inspection and Permanent Magnet Generator Replacement	01/12/2014	20/05/2015
11.	Sylhet GT	20	Combustion Inspection	19/12/2014	28/12/2014
12.	Bheramara GT - 3	16	Major Overhauling & Control System Upgradation	10/04/2015	21/06/2015
13.	Barisal GT - 1	16	Generator Overhauling	13/08/2014	15/09/2014
14.	Barisal GT - 2	16	Generator Overhauling	28/08/2014	28/09/2014

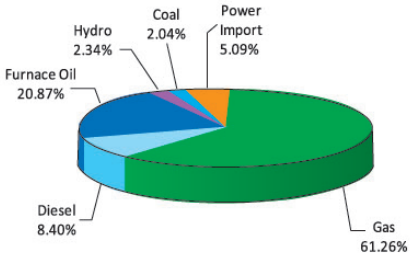
Generation Capacity (National) By Fuel Type With Comparison

(FY 2015)



Total : 10,939 MW

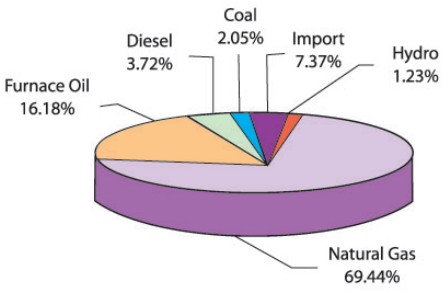
(FY 2014)



Total : 9821 MW

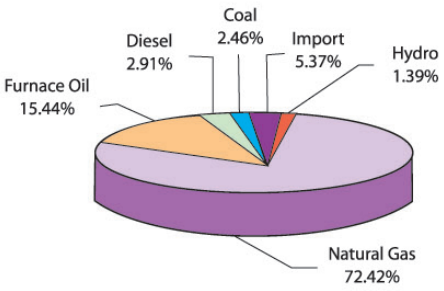
Total Net Generation (National) By Fuel

(FY 2014-15)



Total Net Generation : 45,836 MkWh

(FY 2013-14)



Total Net Generation : 42,195 MkWh

TRANSMISSION

Transmission Line

During fiscal year 2014-15, very significant transmission components have been added to the system because of the completion of different project works. Transmission line length (ckt. km) has enlarged by 4.10 % than that of previous year.. The line details are as below:

Sl. No.	Transmission Line	Conductor Name & Size	Length (Circuit km.)
1.	230kV Barisal(N)-Bhola-Borhanuddin double circuit Transmission Line	Twin Mallard 2x795 MCM	125
2.	230kV Fenchuganj-Comilla(N) double circuit In-Out at Bibiyana Power Plant	Twin Mallard 2x795 MCM	2
3.	132kV Fenchuganj-Kulaura double circuit Transmission Line	Grosbeak 636 MCM	50
4.	132kV Jamalpur-Sherpur double circuit Transmission Line	Grosbeak 636 MCM	40
5.	132kV Agargaon-Satmasjid double circuit underground line	XLPE 800 sq.mm	16.59 (U/G)
6.	132kV Rampur-Madartek double circuit underground line (DPDC)	XLPE 500 sq.mm	9 (U/G)
7.	132kV Joydevpur-Kabirpur double circuit In-Out at Kodda Power Plant	Grosbeak 636 MCM	6
		Total	**248.59**

Total length of 230 kV transmission line increased to 3,171 circuit km from the previous year of 3,066 circuit km. The total length of 132 kV transmission line increased to 6,359 circuit km from the previous year of 6,150 circuit km

Grid Sub-stations

During fiscal year 2014-15, very significant transmission components have been added to the system because of the completion of different project works. The transformer capacity at the end of year 2014-15 has enlarged by 3.21% at 230/132 kV level and 230 kV. The substations capacity details are as below:

Sl. No.	Substation Name	Capacity
1.	400/230kV Bibiyana Substation	1x520 MVA (400/230kV)
2.	230/132kV Barisal Substation	1x300 MVA (230/132 kV)
3.	132/33kV Kulaura Substation	2x25/41 (132/33 kV)
4.	132/33kV Sherpur Substation	2x35/50 (132/33 kV)
5.	132/33kV Satmasjid Substation	1x80/120 (132/33 kV)
6.	132/33kV Madartek Substation (DPDC)	2x50/75 (132/33 kV)

Transmission Summary

Sl. No.	Transmission Line Type	Circuit km
1.	400 kV Transmission Line	165
2.	230 kV Transmission Line	3,171
3.	132 kV Transmission Line	6,359
	Total Transmission Line	**9,695**
	Transmission Loss (%)	**2.77 %**

Sl. No.	Sub-station Type	No of Sub-station	Capacity
1.	400 kV HVDC Sub-Station (MVA)	1	500
2.	400/230 kV Sub-Station Capacity (MVA)	1	520
3.	230/132 kV Sub-Station Capacity (MVA)	19*	9,625
4.	132/33 kV Sub-Station Capacity (MVA)	110	14,524
	Total	**131**	**25,169**

*Excluding 2 Switching Sub-stations

Grid System Operation

In FY 2015, total duration of Power interruption in the grid network was 25 hours 02 minutes.

Interruption of National Grid for FY 2012 & FY 2013

Sl. No.	Type of Fault	Total Number of Faults		Total Duration	
		FY 2014	FY 2015	FY 2014 Hours/ Minutes	FY 2015 Hours/ Minutes
1.	Partial Power failure due to trouble in generation	85	123	06/55	08/40
2.	Partial Power failure due to trouble in grid S/S Equipment	08	01	13/59	00/17
3.	Partial Power failure due to fault in transmission line	00	04	00/00	00/22
4.	Partial Power failure due to the lightning on transmission line/Thunder Storm	01	03	00/25	03/48
5.	Partial Grid failure	00	00	00/13	00/00
6.	Total Grid failure	00	01	00/00	10/55
	Total	**94**	**132**	**21/19**	**25/02**

BULK ELECTRICITY SALES BY BPDB

BPDB has been functioning as a single buyer in the power market of Bangladesh. BPDB purchases electricity from the public and private generation entities and sales bulk electricity to all the distribution utilities including its six distribution zones. Distribution entities purchases electricity from BPDB are as follows:

- Dhaka Power Distribution Company (DPDC)
- Dhaka Electric Supply Company (DESCO)
- West Zone Power Distribution Company Limited (WZPDCL)
- Rural Electrification Board (REB)
- BPDB's six distribution zones

Signing of an Agreement between BPDB and NEPC for purchasing power from Haripur 110 MW power plant.

In FY 2015 bulk electricity sales to the distribution utilities increased to 42,616 MkWh from 39,256 MkWh which is 8.56 % higher than the previous year. Total revenue collection also increased to 1,93,013 MTk from 1,74,740 MTk which is 10.47% higher than the previous year.

Utility Wise Billing & Collection Statistics of BPDB

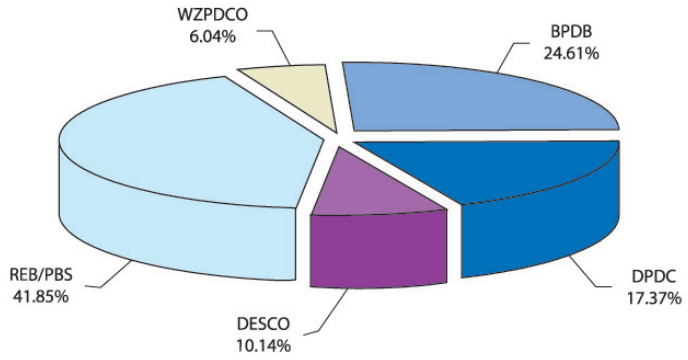
Name of Utility	Billed Amount (Million Tk)		Collected Amount (Million Tk)		Accounts Receivable (Million Tk)		% increase over the previous year	Coll/Bill Ratio (%)	
	2013-14	2014-15	2013-14	2014-15	2013-14	2014-15		2013-14	2014-15
BPDB's Dist. Zones(in/c PS & GK)	49,122	57,054	46,439	54,781	11,909	14,755	23.89	94.54	96.02
WZPDCL	10,606	11,434	10,369	11,232	2,022	2,220	9.81	97.77	98.23
DPDC	39,341	41,119	34,142	33,631	43,693	47,043	7.67	91.00	81.79
DESCO	21,980	23,355	21,936	23,193	6,398	6,560	2.53	99.80	99.31
REB/PBS's	65,280	71,989	61,853	70,176	14,393	15,072	4.72	94.75	97.48
TOTAL	**186,330**	**204,951**	**174,740**	**193,013**	**78,415**	**85,649**	**9.23**	**93.78**	**94.18**

Utility Wise Bulk Energy Sales by BPDB As Single Buyer

In GWh

Year	BPDB zones	DPDC	DESCO	WZPDCL	REB	Total
2004-05	5,993	5,135	1,843	389	7039	20398
2005-06	5,180	5,316	2,030	1373	8062	21961
2006-07	5,305	5,243	2,191	1282	8040	22061
2007-08	5,626	5,204	2,574	1375	8655	23433
2008-09	6,042	5,449	2,743	1491	9032	24757
2009-10	6,744	5,749	2,934	1673	9525	26626
2010-11	7,338	5,964	3,123	1843	10359	28627
2011-12	8,136	6,340	3,401	2029	12537	32443
2012-13	8,737	6,593	3,726	2187	14222	35466
2013-14	9,597	7,038	4,067	2,394	16,161	39,256
2014-15	10,486	7,402	4,320	2,574	17,835	42,616

Utility Wise Bulk Sales (FY 2014-15)



Total Sales : 42,616 MkWh

DISTRIBUTION

BPDB has been functioning as a retail seller of electricity within its following six distributions zones:

- Distribution zone, Chittagong
- Distribution zone, Mymenshing
- Distribution zone, Rajshahi
- Distribution zone, Comilla
- Distribution zone, Sylhet
- Distribution zone, Rangpur

Distribution network

In the FY 2015, BPDB has renovated 425.80km & extended about 1667.8 km distribution lines as a part of continuous improvement of the system. BPDB covers electrification in 246 thanas/upazillas and 5,735 villages within its six distribution zones up to the end of this fiscal year. The distribution networks possess:

33 kV line	3905 km
11 kV line	13806 km
0.4 kV line	22892 km
33/11 kV Sub-station	161 nos.
Total capacity of 33/11 kV Sub-station	**3103/3980 MVA**

Inauguration of Kalatali, Cox's Bazar 33/11 kV Sub-station.

Number of consumers

During this fiscal year, BPDB has provided total 2,55,795 new connections and the total number of consumers has been increased to 31,57,030 and the annual increment was 8.82%.

Distribution system loss

BPDB's distribution zones imported 10,486 MkWh energy from the single buyer for retail sale in its six zones and sold 9,315 MkWh to the consumers in the FY 2015 that results 11.17% distribution system loss which was 11.89% in FY 2014.

Customer's service & satisfaction

BPDB has introduced following services for customer satisfaction:

- Computerized billing
- One stop service
- Pre payment metering
- Demand side management
- Easy bill pay
- Online application
- Supervisory control and data acquisition (SCADA) System

Computerized billing

BPDB has brought sent percent consumers in computerized billing system in its six distribution zones. Each computerized bill shows present month's billing amount along with previous month's payment and arrear status for consumers' acknowledgement. It improves billing system, revenue collection, decreases system loss and ensures better service to the consumers than the previous manual one.

Easy bill pay

BPDB has introduced easy bill pay system through mobile phone in its six distribution zones. Consumers can pay their electricity bill through prescribed mobile phone operator round the clock even in holidays. Zone wise mobile phone operators are as follows:

Name of Zone	Mobile Phone Operator
Chittagong	Grameen phone
Mymensingh	Banglalink
Rajshahi	Grameen phone
Comilla	Robi
Sylhet	Grameen phone
Rangpur	Banglalink

One stop service

BPDB has introduced one stop service in each S&D division/ESU in order to provide hassle free service for its consumers. Every S&D division/ESU has one designated desk for one stop service. Any consumer can lodge his complain on that desk and the officer-in-charge is empowered to do all necessary things in order to address the complain.

Online application

BPDB has introduced on line application facilities for new connection on test basis in distribution zone, Chittagong. Any applicant can apply round the clock for new connection of his house, shop, industry, etc. from the website of distribution zone, BPDB, Chittagong. BPDB also has a plan to develop similar facilities in its other distribution zones depending on the responsiveness of consumers of Chittagong zonal area.

Pre-payment metering

About 56,000 nos. prepayment meters have been installed at the premises of different categories consumers in demarcated areas in Chittagong, Sylhet, Bogra & Sirajgonj through Pilot Project. They provide more advantages in sales performance than the traditional metering. The main advantages are:

- Assures 100% revenue collection and zero accounts receivable.
- Prevents using excess than sanctioned load by the consumer.
- Prevents electricity pilferage after meter.
- Provides hassle free service in billing/collection process, such as, inaccurate meter reading, fictitious billing etc.

SCADA

Supervisory Control And Data Acquisition (SCADA) has started functioning within the five zones of BPDB (Chittagong, Sylhet, Mymenshing, Rajshahi & Rangpur) for system control and data acquisition of the distribution system/networks under it from one point of each zone through microwave link. Provided that 34 sub-stations within Chittagong zone, 18 sub-stations within Sylhet zone, 17 sub-stations within Mymenshing zone, 32 sub-stations within Rajshahi zone and 14 sub-stations within Rangpur zone are connected under the SCADA of respective zone.

Signing of Contract between BPDB and Energypac for construction of 33/11 kV Sub-station in Hill tracts.

Workshop on Project Management at Bidyut Bhaban.

BPDB also has a plan to set up one SCADA in Dhaka to monitor/controll all SCADA of BPDB centrally. Key functions of SCADA are:

- Supervising/Monitoring the networks under it continuously on its computer monitors round the clock and controls the power supply of the networks from the supervisors desk as and when necessary in a systematic manner as directed by the authority concerned.
- Data acquisition and recording of power flow/supply status through each circuit of the entire networks on hourly basis round the clock for reporting to authorities concerned and analyzing demand, power factor & other necessary elements of each circuit for system management within the SCADA in an smart manner.
- Preparing and reporting daily and monthly power supply, demand, load shedding, line shut-down, etc. of each circuit of the networks under it to authorities concerned for system planning.
- Preparing power supply, demand, load shedding, line shut-down, etc. report for any specified span of time as wanted by the authorities concerned for system planning.
- Load management matching with the power generation as per instructions of NLDC or authority concerned in order to keep the overall system healthy.
- Appraising all important information regarding system to the authorities concerned as and when required.

Demand side management

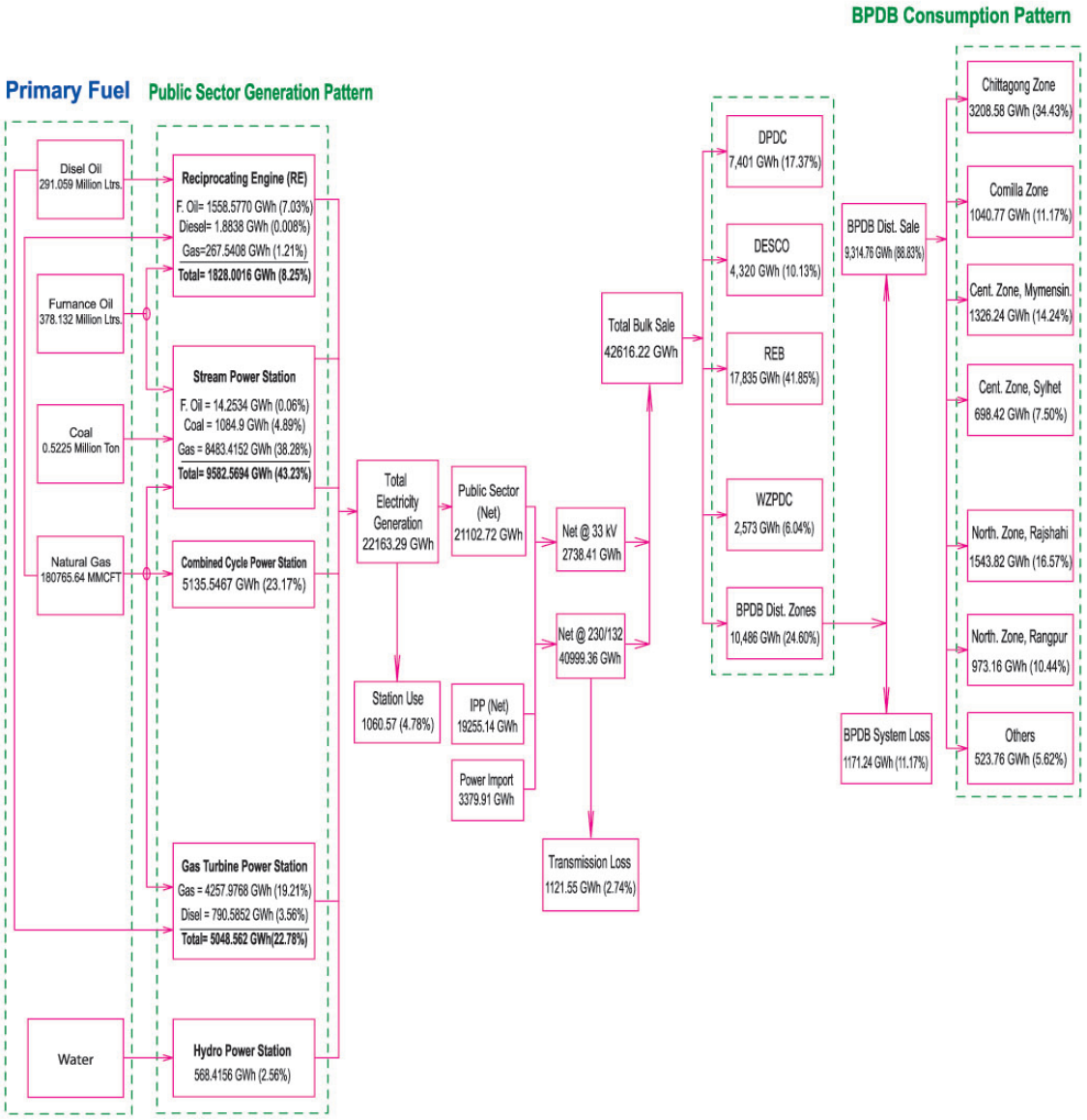
Demand-side management (DSM) means modifying energy use to maximize energy efficiency. DSM tries to get maximum benefit out of existing energy generation. DSM involves changing energy use habits of consumers and encouraging them for using energy efficient appliances, equipment etc. at their premises.

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 has started campaign through electronic and print media. In the last few years, it is estimated that about 400 MW irrigation load was shifted from peak hour to off peak hour.
- BPDB has taken motivational programs to enhance awareness of the consumers during peak hours. Consumers are being urged 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, welding machines etc.
- As part of demand side management program, BPDB has taken steps to use CFL in BPDB's offices and also trying to motivate consumers to use Energy efficient lamps.
- Industries operating in two shifts are being requested not to operate during peak hours.
- Holiday staggering for industries has been implemented, which contributes 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/market closure time at 8 p.m. It is estimated that this measure contributes about 350 MW load shifting from peak hour, there by reduces load shedding.

State Minister for Power, Energy & Mineral Resources
Mr. Nasrul Hamid MP is witnessing the Annual Performance Agreement
between Power Division and BPDB.

ENERGY FLOW CHART
(FY 2015)



Chapter-2

Power Sector Development Plan

Power Sector Development Plan

POWER SECTOR AT PRESENT

Electricity is a crucial ingredient for poverty alleviation, industrial growth, infrastructure development, quality of living standard of the people and for overall development of the economy. Bangladesh government is trying to establish a sustainable development structure for many years but yet to accomplish such target due to shortage of electricity generation. The present electrification level is low compared to that of other countries in the world. At present only 74% of the population (FY 2015) has access to electricity and per capita generation is only 290 kWh (grid). Every year the demand is increasing at a rapid rate. Although the generation capacity is increased during past years, but due to fuel constraint and budgetary support it could not be fully utilized and resulted in power shortage in the country.

Total present installed generation capacity in public and private sector is 11,877 MW. Since this Government came to power in January, 2009 total 6,306 MW new power generation added to grid including 500 MW power imported from India. At present 700-1000 MW capacity is unable to generate due to gas shortage. About 300 MW load shedding was experienced during peak hours of the last summer. Under the above context, with a vision to achieve more than 7% projected GDP growth, short, medium & long terms generation expansion plan has been prepared 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".

Power generation projects identified in the immediate and short term plan have been implemented during FY 2011 and FY 2012. A midterm generation plan was prepared. Among these projects under midterm plan, some have already been commissioned and started electricity generation. Rest of them will be installed within 2018. For long term generation expansion plan "Power System Master Plan -2010" was published in February 2011. In the PSMP-2010 suggested requirement of 24,000 MW and 39,000 MW capacity in the year 2021 and 2030 to meet the increasing demand due to enhanced economic activity.

Due to prevailing gas crisis and future grim scenario of gas sector development, strategic decision of the government to diversify primary fuel supply for power is critical for sustained development of power sector. This diversification will help to ensure energy security but cost of energy will be higher. In this perspective, the plan has been prepared for considering balanced development of different sources of energy. For base load demand, coal is the near-term option whether indigenous or imported. Government is also considering imported Liquefied Natural Gas (LNG) to supplement present gas shortage, which can take advantage of the country's reasonably developed pipeline infrastructure.

Generation Expansion Plan Up to 2021

Based on the primary fuel supply availability and Government's limited ability to finance capital-intensive power generation projects, an aggressive midterm generation expansion plan and a long term generation plan was prepared to meet the growing demand of electricity to cope with accelerated economic growth under the present government. Revised generation expansion plan prepared in 2015 targeting about 17,300 MW generation additions from 2015 to 2021 which is provided in the table below:

Year wise generation projects to be completed (From 2015 to 2021)

Year	2015 (MW)	2016 (MW)	2017 (MW)	2018 (MW)	2019 (MW)	2020 (MW)	2021 (MW)	Total
Public	848	885	202	1397	1611	1000	1900	9661
Private	1110	328	130	630	1152	1811	612	5773
Power Import		100	500				1300	1900
Total	**1958**	**1313**	**2650**	**2027**	**2763**	**2811**	**3812**	**17334**

Annual Development Program for BPDB's Own Generation & Distribution Projects

A total of 14 generation and 9 distribution projects were undertaken in the Revised Annual Development Program (RADP) in the FY2014-15. Original Allocation, Revised Allocation & Expenditure incurred (provisional) in the FY2014-15 are shown in the following table.

(Taka in lakh)

Sub-sector	Original ADP FY 2014-15			RADP FY 2014-15			Expenditure incurred FY 2014-15		
	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign	Total
Generation	109,265	153,350	262,615	61,720	122,325	184,045	61,916	138,099	200,015
Distribution	34,041	27,410	61,451	27,592	17,535	45,127	27,377	17,599	44,976
Total	**144,306**	**180,760**	**324,066**	**89,312**	**139,860**	**229,172**	**89,293**	**155,698**	**244,991**

Implementation Status of the Power Generation Expansion Plan

Since January 2009, total 73 small and medium sized power plants of capacity 6,306 MW have been commissioned and 500MW power import from India facility is constructed in 2013. 25 projects of capacity 6,082 MW are now under construction. At present 21 projects of capacity 7,648 MW are in the various stages of procurement process right from tender invitation to issuance of LOI.

Year wise commissioning status of generation projects

Projects commissioned in 2010

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Commissioning Date
	Public Sector				
1.	Sikalbaha 150 MW	150	BPDB		18.08.2010
2.	Siddirganj 2x120 MW GT	105	EGCB		14.10.2011
	Sub Total	**255**			
	Private Sector				
3.	Shikalbaha 55 MW Rental Power Plant	55	Rental (BPDB)	HFO	06.05.2010
4.	Ashugonj Rental Power Plant	55	Rental (BPDB)	Gas	07.04.2010
5.	Thakurgaon, 3 Years Rental	50	Rental (BPDB)	HFO	02.08.2010
6.	Ghorashal **Sponsor: Aggreko**	145	Rental (BPDB)	Gas	10.08.2010 23.08.2010
7.	Khulna, **Sponsor: Aggreko**	55	Rental (BPDB)	Diesel	10.08.2010
8.	Pagla, Narayaganj, **Sponsor: DPAPGL**	50	Rental (BPDB)	Diesel	24.11.2010
9.	Bheramara 3 Years Rental	110	Rental (BPDB)	Diesel	31.12.2010
	Sub Total	**520**			
	Total	**775**			

Projects commissioned in 2011

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Commissioning Date
	Public Sector				
1.	Ashugonj 50 MW Power Plant	53	APSCL	Gas	30.04.2011
2.	Baghabari 50 MW Peaking PP	52	BPDB	HFO	29.08.2011
3.	Fenchuganj 90 MW CC	104	BPDB	Gas	26.10.2011
4.	Bera 70 MW Peaking PP	71	BPDB	HFO	28.10. 2011
5.	Titas, Doudkandi 50 MW Peaking PP	52	BPDB	HFO	29.10. 2011
6.	Siddirganj 2x120 MW Peaking PP	105	EGCB	Gas	December ,2011
7.	Faridpur 50 MW Peaking PP	54	BPDB	HFO	November, 2011
8.	Gopanlgonj 100 MW Peaking PP	109	BPDB	HFO	29.09.2011
9.	Sangu, Dohazari 100 MW Peaking PP	102	BPDB	HFO	30.12.2011
10.	Hathazari 100 MW Peaking PP	98	BPDB	HFO	23.12.2011
	Sub Total	**800**			

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Commissioning Date
	Private Sector				
1.	Siddirganj **(Sponsor: Desh Energy)**	100	Rental (BPDB)	Diesel	17.02.2011
2.	B Baria **(Sponsor: Aggreko)**	70	Rental (BPDB)	Gas	06.03.2011
3.	Modanganj **(Sponsor: Summit Power)**	102	Rental (BPDB)	HFO	01.04.2011
4.	Meghnagat **(Sponsor: IEL)**	100	Rental (BPDB)	HFO	08.05.2011
5.	Ghorasal **(Sponsor: Max Power)**	78	Rental (BPDB)	Gas	27.05.2011
6.	Nowapara **(Sponsor: Khan Jahan Ali)**	40	Rental (BPDB)	HFO	28.05.2011
7.	Ashuganj **(Sponsor: Aggreko)**	80	Rental (BPDB)	Gas	31.05.2011
8.	Khulna **(Sponsor: KPCL)**	115	Rental (BPDB)	HFO	01.06.2011
9.	Ashuganj **(Sponsor: United Power)**	53	Rental (BPDB)	Gas	22.06.2011
10.	Siddirganj **(Sponsor: Dutch Bangla Power)**	100	Rental (BPDB)	HFO	21.07.2011
11.	Noapara, Jessore (5 Years Rental)	105	Rental (BPDB)	HFO	26.08.2011
12.	Bogra 3 Years Rental **(Sponsor: Energy Prima)**	20	Rental (BPDB)	Gas	13.11.2011
	Sub Total	**963**			
	Total	**1763**			

Projects commissioned in 2012

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Commissioning Date
	Public				
1.	Sylhet 150 MW Power Plant	142	BPDB	Gas	28 March, 2012
2.	Gazipur 50 MW PP	52	RPCL	Gas/HFO	July, 2012
3.	Chandpur 150 MW CC Power Plant	163	BPDB	Gas	GT: March, 2012 CC: July, 2012
4.	Sirajganj 150 MW GT	150	NWPGC	Gas/HSD	December, 2012
5.	Santahar 50 MW Peaking Power Plant	50	BPDB	HFO	December, 2012
6.	Katakhali 50 MW Peaking Power Plant	50	BPDB	HFO	December, 2012
	Sub Total	**607**			
	Private Sector				
1.	Amnura, Chapainawabganj (Sponsor: Sinha Power)	50	Rental (BPDB)	HFO	13 January, 2012
2.	Fenchuganj 3 Years Rental (Sponsor: Energy Prime Ltd.)	44	Rental (BPDB)	Gas	15 February, 2012
3.	Julda, Chittagong	100	Rental (BPDB)	HFO	26 March, 2012
4.	Keraniganj (Power Pack)	100	Rental (BPDB)	HFO	27 March, 2012
5.	Katakhali, Rajshahi (Sponsor: NPSL)	50	Rental (BPDB)	HFO	23 May, 2012
	Sub Total	**344**			
	Total	**951**			

Projects commissioned in 2013

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Commissioning Date
	Public Sector				
1.	Raujan 25 MW PP	25	RPCL	Gas/HFO	3 May, 2013
2.	Khulna 150 MW GT	150	NWPGC	Gas/HSD	September, 2013
3.	Haripur 360 MW CCPP: GT Unit	412	EGCB	Gas	October, 2013
	Sub Total	**587**			
	Private Sector				
1.	Regional Import	500	Import		October, 2013
2.	Ashuganj 50 MW PP	51	IPP	Gas	December, 2013
	Sub Total	**551**			
	Total	**1138**			

Projects commissioned in 2014

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Commissioning Date
	Public Sector				
1.	Sirajganj 150 MW PP Conversion	68	NWPGC	Gas/HSD	14 July, 2014
	Sub Total	68			
	Private Sector				
1.	Natore,Rajshahi 50 MW PP	52	IPP	HFO	24 January, 2014
2.	Baraka-Patenga Chittagong 50 MW PP	50	IPP	HFO	03 May, 2014
3.	Meghnaghat 300-450 MW CCPP (2nd Unit Duel Fuel: SC GT Unit	203	IPP	HFO/Gas	29 May, 2014
4.	Gogonnagar 100 MW PP	102	IPP	HFO	03 June, 2014
5.	Ghorasal, Narsindi 100 MW PP	108	IPP	Gas	15 July, 2014
6.	Comilla (Jangalia) 50 MW PP	52	IPP	HFO	28 December, 2014
	Sub Total	**567**			
	Total	**635**			

Year wise expected generation projects

Projects to be commissioned in 2015

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public Sector				
1.	Ashuganj 225 MW CCPP : SC GT Unit	142	APSCL	Gas	27 April, 2015
2.	Kodda, Gazipur 150 MW Power Plant	150	BPDB- RPCL Powergen Ltd.	FO/Gas	June, 2015
3.	Bhola 225 MW CCPP:	195	BPDB	Gas	2 September , 2015
4.	Ashugonj 225 CCPP: ST Unit	83	APSCL	Gas	November, 2015
5.	Up gradation of Khulna 150 MW to 225 MW	78	NWPGC	Gas/ HSD	December, 2015
6.	Siddirganj 335 MW CCPP: SC GT Unit	200	EGCB	Gas	December, 2015
	Sub Total	**848**			
Private Sector					
1.	Potiya, Chittagong 100 MW Power Plant	108	IPP	FO	14.01.2015
2.	Kathpotti, Munshigonj 50 MW PP	51	IPP	FO	20.02.2015
3.	Bibiana-II 341 MW CCPP (Summit): SC GT Unit	222	IPP	Gas	06.06.2015
4.	Ashugonj 195 MW Modular PP	195	IPP	Gas	08.05.2015
5.	Meghnaghat 300-450 MW CCPP (2nd Unit) : ST Unit	102	IPP	Gas/ HSD	01.06.2015
6.	Bosila, Keranigonj 108 MW PP (CLC Power)	108	IPP	FO	November, 2015
7.	Nababgonj 55 MW PP	55	IPP	FO	November, 2015
8.	Jamalpur 100 MW PP	95	IPP	Gas/ FO	December, 2015
9.	Bibiana-(II) 341 MW CCPP (Summit): ST Unit	119	IPP	Gas	December, 2015
10.	Manikganj 55 MW PP	55	IPP	FO	December, 2015
	Sub Total	**1110**			
	Total	**1958**			

Projects to be commissioned in 2016

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public				
1.	Ashuganj (South) 450 MW CCPP	373	APSCL	Gas	January, 2016
2.	Shajibazar CCPP : SC GT Unit	216	BPDB	Gas	April, 2016
3.	Siddirganj 335 MW CCPP : ST Unit	135	EGCB	Gas	August, 2016
4.	Sikalbaha 225 MW CCPP: SC GT Unit	150	BPDB	Gas/ HSD	December, 2016
5.	Kaptai Solar	7	BPDB	Solar	December, 2016
6.	Hatiya Hybrid	4	BPDB	Diesel/ Solar	December, 2016
	Sub Total	**885**			
	Private Sector				
1.	Power Import from Tripura	100	IPP	Import	March, 2016
2.	Sorishabari 3 MW Solar	3	IPP	Solar	June, 2016
3.	Barisal 100 MW PP (Summit Power)	110	IPP	FO	August, 2016
4.	Madangonj 55 MW Peaking Plant (Summit Power)	55	IPP	FO	August, 2016
5.	Keranigonj 110 MW Power Plant (Power Pac)	100	IPP	FO	December, 2016
6.	Cox'sbazar 60 MW PP	60	IPP	Wind	December, 2016
	Sub Total	**428**			
	Total	**1313**			

Projects to be commissioned in 2017

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Private Sector				
1.	Ashugonj (North) CCPP	381	APSCL	Gas	January, 2017
2.	Bibiana South 383 MW CCPP : GT Unit	252	BPDB	Gas	February, 2017
3.	Sirajgonj 225 MW CCPP (2nd Unit): SC GT Unit	150	NWPGCL	Gas/ HSD	March, 2017
4.	Chapainababganj 104 MW PP	104	BPDB	FO	March, 2017
5.	Bheramara 414 MW CCPP	414	NWPGC	Gas	March, 2017
6.	Shajibazar CCPP: ST Unit	116	BPDB	Gas	March, 2017
7.	Bibiana #3 CCPP: SC GT Unit	274	BPDB	Gas	June, 2017
8.	Ghorasal 363 MW CCPP: SC GT Unit	254	BPDB	Gas	June, 2017
9.	Shikalbaha 225 MW CCPP: ST Unit	75	BPDB	Gas/ HSD	October, 2017
	Sub Total	**2020**			

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Private Sector				
1.	Kamalaghat 50 MW PP	50	IPP	FO	March, 2017
2.	Dhorola 30 MW Solar Park	30	IPP	Solar	March, 2017
3.	Fenchugonj 50 MW Power Plant	50	IPP/NRB	Gas	June, 2017
4.	Power import	500	IPP	Import	July, 2017
	Sub Total	**630**			
	Total	**2650**			

Projects to be commissioned in 2018

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public Sector				
1.	Bibiana South 383 MW CCPP:ST Unit	131	BPDB	Gas	January, 2018
2.	Sirajgonj 225 MW CCPP (2nd Unit): ST Unit	70	NWPGCL	Gas/ HSD	January, 2018
3.	Ghorasal 363 MW (7th Unit) CCPP : ST Unit	109	BPDB	Gas	March, 2018
4.	Bibiana #3 CCPP: ST Unit	126	BPDB	Gas	March, 2018
5.	Sylhet 150 MW PP Conversion	75	BPDB	Gas	March, 2018
6.	Ghorasal 3rd Unit Repowering (Capacity Addition)	206	BPDB	Gas	June, 2018
7.	Ghorasal 4th Unit Repowering (Capacity Addition)	206	BPDB	Gas	June, 2018
8.	Barapukuria 275 MW (3rd Unit)	274	BPDB	Coal	June, 2018
9.	Khulna 200-300 MW CCPP	200	BPDB	Gas/HSD	December, 2018
	Sub Total	**1397**			
	Public Sector				
1.	Satkhira 50 MW PP	50	IPP	FO	January, 2018
2.	Bhairab 50 MW PP	50	IPP	FO	January, 2018
3.	Sirajganj 367 MW CCPP: SC GT Unit	249	IPP	Gas/ HSD	January, 2018
4.	Kusiara 163 MW CCPP	163	IPP	Gas	March, 2018
5.	Sirajganj 367 MW CCPP:ST Unit	118	IPP	Gas/ HSD	October, 2018
	Sub Total	**630**			
	Total	**2027**			

Projects to be commissioned in 2019

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public				
1.	Ghorasal 6th Unit Repowering (Capacity Addition)	206	BPDB	Gas	January, 2019
2.	Baghabari 100 MW PP Conversion	50	BPDB	Gas	March, 2019
3.	Shahjibazar 70 MW PP Conversion	35	BPDB	Gas	March, 2019
4.	BIFPCL, Rampal, Coal Fired Power Plant	1320	BIFPCL	Imp. Coal	December, 2019
	Sub Total	**1611**			
	Private Sector				
1.	Khulna 630 MW Coal Fired PP (Orion)	630	IPP	Imp. Coal	June, 2019
2.	Maowa, Munshiganj 522 MW Coal Fired Power Project (Orion)	522	IPP	Imp. Coal	June, 2019
	Sub Total	**1152**			
	Total	**2763**			

Projects to be commissioned in 2020

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public				
1.	LNG based 1000 MW CCPP	1000	BPDB	LNG	June, 2020
	Sub Total	**1000**			
	Private Sector				
1.	Dhaka 282 MW Coal Fired Power Project (Orion Group)	282	IPP	Imp. Coal	June, 2020
2.	Chittagong 282 MW Coal Fired Power Project (Orion Group)	282	IPP	Imp. Coal	June, 2020
3.	Chittagong 612 MW Coal Fired Power Project (S. Alam Group)	612	IPP	Imp. Coal	December, 2020
4.	Dhaka 635MW Coal Fired Power Project (Orion Group)	635	IPP	Imp. Coal	December, 2020
	Sub Total	**1811**			
	Total	**2811**			

Projects to be commissioned in 2021

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public				
1.	Moheskhali 1200 MW Coal Power Plant (JV with Huadian / ECA)	1200	JV	Imp. Coal	June, 2021
2.	Matarbari 700 MW Coal Power Plant 1st Phase (Singapore)	700	CPGCL	Imp. Coal	December, 2021
	Sub Total	**1900**			
	Private Sector				
1.	Chittagong 612 MW Coal Fired Power Project (S. Alam Group)	612	IPP	Imp. Coal	June, 2021
2.	Import from NEI	1000	IPP	Import	June, 2021
3.	Import from Tripura	300	IPP	Import	June, 2021
	SubTotal	**1912**			
	Total	**3812**			

RENEWABLE ENERGY DEVELPOMENT PROGRAM

Development of renewable energy is one of the important strategies adopted by the Government for going green. Under the existing generation scenario of Bangladesh, renewable energy has a very small share to the total generation. The present share of renewable energy is about 1.4%. BPDB has taken systematic steps for the last few years in the development of renewable energy and implementation of energy efficiency measures to achieve the target of renewable energy policy 2008 of the Government.

BPDB has installed solar system of total capacity 465.11 kWp in different offices of BPDB which includes both off-grid and grid tied technologies and installation of total 102.84 kWp is in pipeline. Besides, under Six Distribution zones of BPDB total 1666.062 kWp Solar system has been installed by Private or Consumer's initiatives which also include both off-grid and grid tied technologies.

SOLAR POWER PROJECT

Implemented Solar Power Projects

- BPDB has completed the work named "Conversion of the 37.50 kWp Solar System Installed on the Rooftop of Biddyut Bhaban into Grid Tied Solar System"
- BPDB has completed the work named "Conversion of the 32.75 kWp Solar System Installed on the Rooftop of WAPDA Bhaban into Grid Tied Solar System"

Ongoing Solar Projects

- BPDB has taken steps to install 7.4 MW PV power plant at Kaptai Hydro Power station.
- 1 MW solar PV power plant (4.2 MW off grid solar-wind- diesel based hybrid system) in Hatiya Island, Noakhali.
- 650 kWp (400 kW load) solar mini grid power plant at remote haor area of Sulla upazila at Sunamgonj district under climate change trust fund (CCTF).
- 3 MW grid connected solar PV power plant at Sharishabari, Jamalpur on Build,Own & Operate basis.
- 20 MW Grid Tied Solar Project by Joules Power Limited.

- 1000 KM of street lighting based on solar PV and LED based technology in seven (7) city corporations of the country.
- BPDB is installing solar power systems in all offices of BPDB across the country to run the light and fan load.
- Dhorola 30 MWp Solar Park Project" on Build, Own & Operate (BOO) basis.
- Rangunia 60 MWp Solar Park Project" on Build, Own & Operate (BOO) basis.
- Gangachora Solar park, Rangpur.
- 200 MW (AC) Solar Park on BOO basis by Sun Edsion Energy Holding (Singapore) Pte Ltd.
- Installation of a 100 MWp Solar PhotoVoltaic (PV) based Grid-Connected Power Generation Plant at Sonagazi upazilla of Feni district.

Solar Projects under Planning

- 5 MWp Grid Tied Solar Power project at Thakurgaon.
- 2 MWp Grid Tied Solar Park Project adjacent to PGCB Grid Sub-Station compound at Ishwardi, Pabna".
- 1 MWp Grid Tied Solar Park Project at Sirajgonj"
- Rehabilitation of 10 kWp Solar power Plant at the Barkal Upazilla Sadar of Rangamati District.
- Supply, Installation and Commissioning of 500 kWp Grid Tied Solar System at former 33/11 kV substation abondened compound of Hajigonj Electric Supply, Chandpur.

WIND POWER PROJECT

The potential of wind energy is limited to coastal areas, off-shore islands, rivers sides and other inland open areas with strong wind regime. In order to generate electricity from wind energy, BPDB installed 4x225 kW = 900 kW capacity grid connected wind turbine at muhuri dam area of Sonagazi in Feni. Another project of 1000 kW wind battery hybrid power plant at Kutubdia Island was completed in 2008 which consists of 50 wind turbines of 20kW capacity each.

Ongoing Wind Projects

- 60 MW Wind Power Project by US-DK Green Energy (BD) Ltd in Cox's Bazar as IPP basis.

Wind Projects under Planning

- BPDB has planned to implement 50-200 MW wind power project at parky beach area, Anawara, Chittagong on IPP basis.
- On-shore wind power plants along the coastline in coastal regions of Bangladesh.
- To install wind monitoring stations at 19 potential sites of the country for comprehensive wind resource assessment (WRA).

Solid Waste To Energy Based Projects

Solid Waste To Energy Based Projects Under Planning

Initiative has taken to install a 10 MW Waste to Electricity Generation at sub-urban Out Skirts of Dhaka City.

ON GOING DISTRIBUTION PROJECTS

With the aim of renovation and expansion of existing distribution network for reduction of distribution line loss, electrification new areas and improved customer satisfaction, BPDB has undertaken various distribution projects. The under construction distribution projects are as follows:

ON GOING DISTRIBUTION PROJECTS OF FY 2014-2015

Sl. no.	Name of the Projects	Projects costs			Year of complition	Cumu. progress (%)
		Local (Lakh Tk.)	Foreign (Lakh Tk.)	Total (Lakh Tk.)		
1.	10-Town power system dev. project (Rajshahi, Pabna, Shirajgonj, Bogora, Joypurhat, Gaibandah, Nilfamari, Dinajpur, Thakurgaon & Rongpur)	23,788	26,901	50,689	June'2016	97.22
2.	Emergency rehabilitation & expansion of urban areas power dist. system under Chittagong Zone.	17,862	-	17,862	Dec'2015	96.60
3.	Emergency rehabilitation & expansion of urban areas power dist. system under Rajshahi (northern) zone.	11,001	-	11,001	Dec'2014	99.50
4.	Prepayment metering project for dist. southern zone, Ctg. (Phase-I).	13,736	-	13,736	Dec'2016	1.07
5.	Greater Chittagong power Distribution project, SCADA rehabilitation.	1,817	8,589	10,405	Dec'2015	87.00
6.	Central zone power Distribution project, Mymenshing.	43,113	1,00,831	1,43,943	June'2015	90.38
7.	Chittagong hill-tracts power Distribution dev. project, Rangamati.	18,079	-	18,079	Dec'2015	89.66
8.	Solar Street-Lighting Programme in city corporation.	8,002	23,659	31,661	Dec'2015	27.17
9.	Pre-payment Metering Project for Distribution Comilla and Mymensing zene.	2,844	10,405	13,249	Dec'2015	0.74
10.	Chittagong Zone PowerDestribution system development project , Chittagong.	1,09,970	-	1,09,970	June'2018	6.65

FUTURE DISTRIBUTION PROJECTS UPTO 2018

From the view point of continuous improvement in retail sales performance and consumers' service & satisfaction, BPDB has under taken the following distribution projects that are at the various stages of approval and procurement process:

Sl. no.	Name of the Projects	Projects costs		Total (Lakh Tk.)
		Local (Lakh Tk.)	Foreign (Lakh Tk.)	
1.	Power system development project, Rajshahi zone-	57,828.50	33,670.39	91,498.87
2.	Power system development project, Rangpur zone-	1,11,539.81	28,010.71	1,39,550.52
3.	Power system development project, Chittagong zone-	66,072	43,898	1,09,970
4.	Power system development project, Comilla zone-	38,943	8,954	47,896
5.	Power system development project, Mymenshing zone-	63,776	-	63,776
6.	Power system development project, Sylhet zone-	1,12,448.99	16,591.72	1,29,040.71
7.	Prepayment metering project for distribution, Rajshahi Zone	17,253	9,141	26,398
8.	Prepayment metering priority project for BPDB's six distribution zones	1,01,780.96	-	1,01,780.96

Hon'ble Prime Minister Sheikh Hasina laid the foundation stone of Bibiyana-3, Bibiyana (south) and inspected the work progress of Bibiyana-2 Power Plant.

Chapter-3

Reforms & Other Activities

Reform & Restructure

Government has given top priority in power sector development and has made commitment to provide access to electricity to all citizens across the country 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 in 1959. Later 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 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, 1977.

- Under the reform program Dhaka Electric Supply Authority (DESA) was created for the proper management & electrification in Dhaka city and its adjoining areas in 1990.

- DESCO has started functioning from 1996 after taking over part of the distribution network of DESA.

- DESA was reformed again as Dhaka Power Distribution Company (DPDC) in 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 has implemented 2x105 MW Peaking Power Plant at Shiddhirgonj and 412 MW CCPP Power Plant at Haripur. EGCB has also started construction process of another 335 MW CCPP at Shiddhirganj.

- North West Power Generation Company (NWPGCL) was created in 2008. NWPGCL has implemented 210 MW Combined Cycle Power Plant at Sirajganj and another 158 MW Peaking Power Plant at Khulna. NWPGCL has also started construction process of 412 MW CCPP at Bheramara.

- BPDB is in the process of indentifying Strategic Business Unit (SBU) for its generation and distribution sectors as a new reform initiative. Functional and financial performance of the SBUs will be operated like components of a corporate body and will be evaluated separately under the legal frame work of existing BPDB structure.

Functional, financial and human resource sharing is much easier and highly effective under one legal binding in a big organization rather than small corporate power entities.

HRD Activities

BPDB's vision is to provide quality and reliable electricity to the people of Bangladesh for desired economic, social and human development of the country undertaking institutional and structural reforms leading to the creation of an organization of international standard. In order to achieve this vision, it is needed to develop specialized skilled services in the field of operation & maintenance with outstanding performance in Generation, Transmission & Distribution. Human resource development is the key for successful implementation of development projects of hi-tech nature in power sector and efficient operation of these facilities to keep tariff at affordable range. Sector entities have program to train 60 hours/year/employee and have a plan to increase its 100 hours in future. It is very important to ensure quality training otherwise all efforts will go in vain.

Achievement against training program conducted during FY 2015 is shown below:

Sl. No.	Name of Training Center/Academy	No. of Course	Total No. of Trainees
1.	Engineering Academy, Kaptai, Rangamati	102	2171
2.	Regional Training Centre, Tongi, Gazipur	61	2156
3.	Regional Training Centre, Chittagong.	67	2895
4.	Regional Training Centre, Rajshahi	75	2195
5.	Ghorasal Training Centre, Narsingdi	79	2850
6.	Directorate of Training & Career Development, Dhaka.	115	2716
7.	Training Academy, Cox's Bazar	58	2039
8.	Training in Abroad	120	324
9.	Seminar/Workshop	36	1102
	Total	**713**	**18,448**

BPDB 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 manpower of power sector entities. Regional Training Centers of BPDB are located at Tongi, Rajshahi, Chittagong and Khulna. Training centers at Ghorasal and Ashuganj are dedicated to train power plant engineers & staff. The construction work of a well-equipped training center at Jhilongjai in Cox's Bazar was completed in the previous year and training program has been taking place in this training center. Efforts are underway to establish state-of-the-art training academy at Keraniganj near Dhaka for this purpose.

Opening session (left) and closing session (right) of Sector Leaders Workshop-2015.

Contract Signing Ceremony for construction of 383 MW Bibiyana South Combined Cycle Power Plant between BPDB and Joint Venture of Isolux & Samsung.

Signing Ceremony of Memorandum of Understanding between BPDB and Adani Power Ltd. & Reliance Power Ltd. India for power sector co-operation.

Chapter-4

Tables and Charts

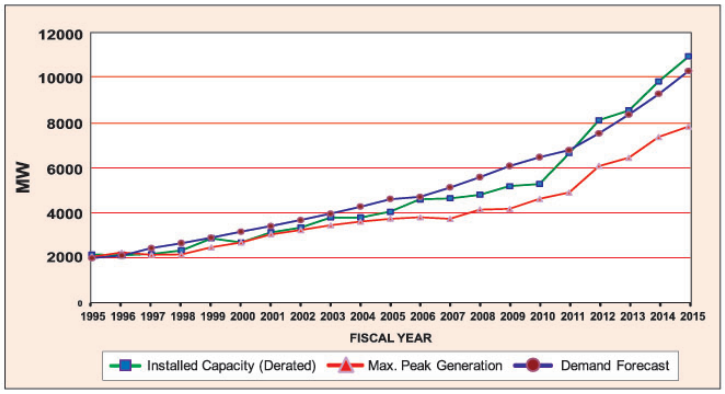
GENERATION TABLES AND CHARTS

Installed Capacity, Present Capacity (Derated), Maximum Demand Maximum Peak Generation and Load Shedding

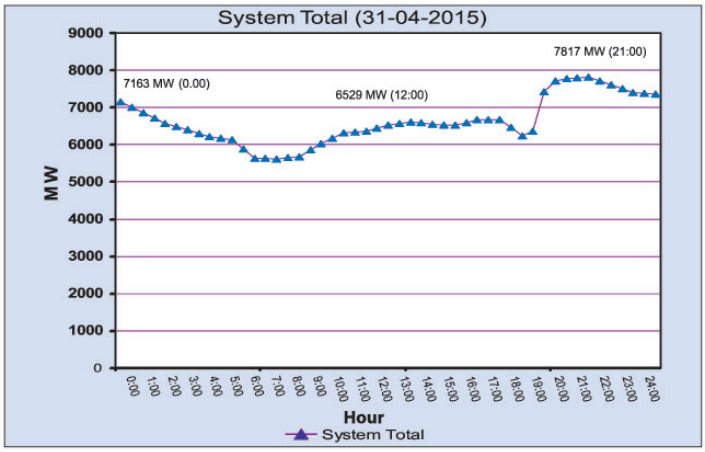
Year	Installed capacity (MW)[1]	Present Capacity (Derated) (MW)[2]	Maximum Demand (MW)[3]	Maximum Peak Generation (MW)	Maximum Load Shedding (MW)
1974-75	667	490		266	
1975-76	766	606		301	
1976-77	767	571		342	
1977-78	752	557		396	
1978-79	718	571		437	
1979-80	822	625		462	
1980-81	813	707		545	
1981-82	857	712		604	
1982-83	919	810		709	
1983-84	1,121	998		761	
1984-85	1,141	1,018		887	
1985-86	1,171	1,016		883	
1986-87	1,607	1,442		1,084	
1987-88	2,146	1,859		1,317	200
1988-89	2,365	1,936		1,393	170
1989-90	2,352	1,834		1,509	180
1990-91	2,350	1,719	-	1,640	340
1991-92	2,398	1,724	-	1,672	550
1992-93	2,608	1,918	-	1,823	480
1993-94	2,608	1,881	-	1,875	540
1994-95	2,908	2,133	2,038	1,970	537
1995-96	2,908	2,105	2,220	2,087	545
1996-97	2,908	2,148	2,419	2,114	674
1997-98	3,091	2,320	2,638	2,136	711
1998-99	3,603	2,850	2,881	2,449	774
1999-00	3,711	3,549	3,149	2,665	536
2000-01	4,005	3,830	3,394	3,033	663
2001-02	4,234	3,883	3,659	3,218	367
2002-03	4,680	4,368	3,947	3,428	468
2003-04	4,680	4,315	4,259	3,592	694
2004-05	4,995	4,364	4,597	3,721	770
2005-06	5,245	4,614	4,693	3,782	1312
2006-07	5,202	4,623	5,112	3,718	1345
2007-08	5,305	4,776	5,569	4,130	1049
2008-09	5,719	5,166	6,066	4,162	1269
2009-10	5,823	5,271	6,454	4,606	1459
2010-11	7,264	6,639	6,765	4,890	1335
2011-12	8,716	8,100	7,518	6,066	1058
2012-13	9,151	8,537	8,349	6,434	1048
2013-14	10,416	9,821	9,268	7,356	932
2014-15	11,534	10,939	10,283	7,817	307

Note : 1. Installed capacity is as of June of the year.
2. Present Capacity (Derated) is the Maximum available generation capacity at present.
3. Maximum Demand is shown as per power system master plan 2010.

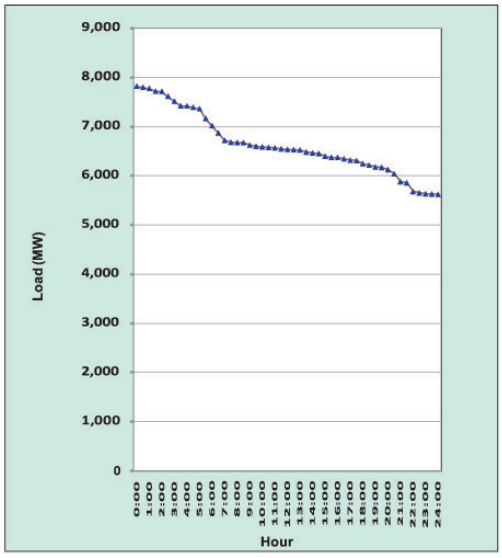
Installed Capacity (Derated), Maximum Peak Generation & Demand Forecast



Daily Load Curve



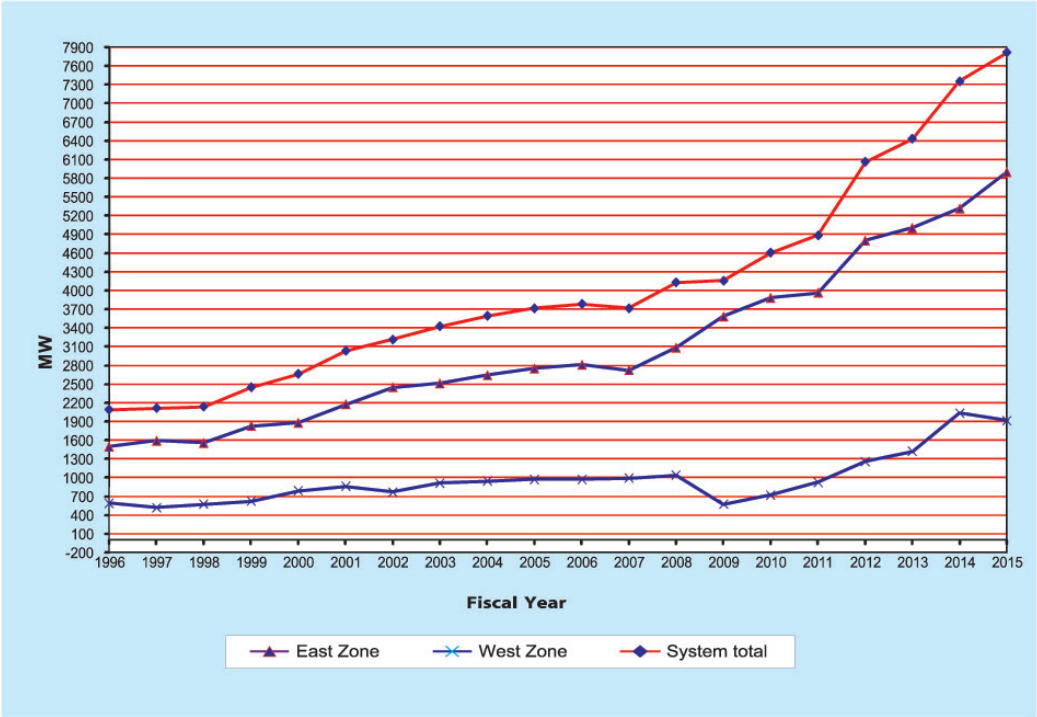
Load Duration Curve



Year Wise 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
99-2000	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
2011-12	4,805	1,261	6,066	24.049
2012-13	5,010	1,424	6,434	6.07
2013-14	5,320	2,036	7,356	14.33
2014-15	5,902	1,915	7,817	6.27

Growth of Maximum Generation (Actual)



Hon'ble President Mr. Md. Abdul Hamid inaugurated the National Electricity Week -2014.

Plant Wise Generation (FY 2014-15)

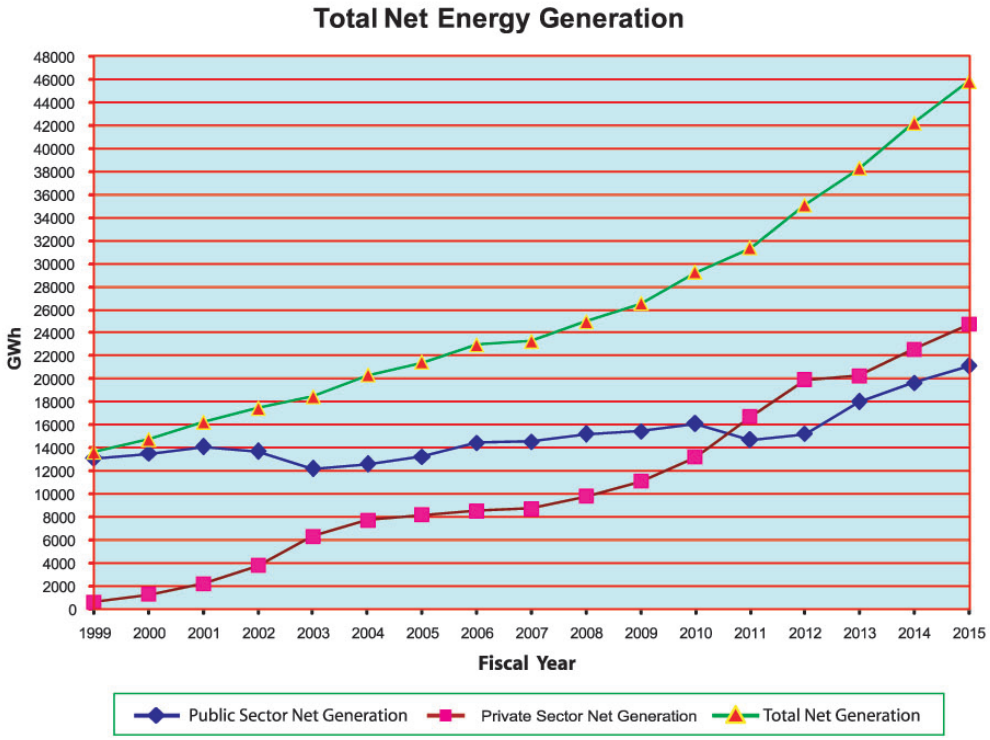
Sl. No.	Name of power plant	Type of fuel	Installed Capacity (As of June) (MW)	Net Energy Generation (GWh)	Annual Plant factor (%)	Efficiency (%) (Net)	Overall Thermal Efficiency (%) (Net)
1.	Karnafuli Hydro(2x40 MW+3x50 MW)	Hydro	230	566.19	28.10		
2.	Chittagong Thermal Power Plan Unit #-1 (Raozan)	Gas	180	409.15	25.95	28.46	
	Chittagong Thermal Power Plan Unit #-2 (Raozan)	Gas	180	434.00	27.52	28.00	
3.	Sikalbaha 60 MW Steam Turbine	Gas	40	46.08	13.15	24.01	
4.	Sikalbaha 150 MW Gas Turbine	Gas	150	354.61	26.99	22.39	
5.	Hathazari 100 MW Peaking PP	FO	98	152.75	17.79	39.73	
6.	Sangu, Dohazari 100MW PP	FO	102	167.84	18.78	40.63	
7.	RPCL Raozan 25 MW	FO	25	110.18	50.31	39.78	
8.	RPCL Gazipur 52 MW	FO	52	179.86	39.48	39.72	
9.	Ashuganj 2x64 MW Steam Turbine	Gas	97	319.67	37.62	28.13	
	Ashuganj 3x150 MW Steam Turbine	Gas	398	2971.15	85.22	32.75	
	Ashuganj GT 1	Gas	-	0.00	-	0.00	
	Ashuganj ST	Gas	-	0.00	-	0.00	
	Ashuganj GT 2	Gas	40	230.69	65.84	21.76	
	Ashugonj 50 MW gas Engine	Gas	45	258.89	65.67	35.50	
10.	Ashuganj 225 MW CCPP	Gas	142	236.99	19.05	30.54	
11.	Chandpur 150MW CCPP	Gas	163	442.56	30.99	38.51	
12.	Ghorasal 2x55 MW Steam Turbine (1+2nd Unit)	Gas	85	567.17	76.17	28.21	
	Ghorasal 2x210 MW Steam Turbine(3+4th Unit)	Gas	350	1275.01	41.59	30.18	
	Ghorasal 2X210 MW S/T (5+6th Unit)	Gas	380	1209.97	36.35	31.74	
13.	Siddhirganj 210 MW Steam Turbine	Gas	150	628.51	47.83	30.84	
14.	Siddhirganj 2x120 MW Gas Turbine	Gas	210	1050.96	57.13	26.28	
15.	Haripur 3x33 MW Gas Turbine	Gas	60	134.27	25.55	21.04	
16.	Haripur 412 MW CCPP (EGCB)	Gas	412	1793.27	49.69	51.57	
17.	Tongi 100 MW Gas Turbine	Gas	105	174.39	18.96	24.59	**33.29**
18.	Shahjibazar 60 MW Gas Turbine	Gas	66	460.77	79.70	25.79	
19.	Sylhet 1x20 MW Gas Turbine	Gas	20	116.04	66.23	24.62	
20.	Sylhet 1x150 MW Gas Turbine	Gas	142	827.74	66.54	29.84	
21.	Fenchuganj C.C. (1st Unit)	Gas	80	447.03	63.79	33.35	
	Fenchuganj C.C. (2nd Unit)	Gas	90	398.95	50.60	28.73	
22.	Titas(Doudkandi) 50 MW RE	FO	52	92.24	20.25	38.96	
23.	Kodda Gazipur 150 MW (PDB-RPCL)	F.oil	-	21.01	-	38.64	
24.	Sonagazi 1 MW wind PP	Wind	-	0.17	-	-	
25.	Khulna 1x110 MW Steam Turbine	FO	55	10.73	2.23	18.00	
26.	Barisal 2x20 MW Gas Turbine	HSD	30	51.91	19.75	20.30	
27.	Bheramara 3x20 MW Gas Turbine	HSD	46	65.09	16.15	20.67	
28.	Khulna 150 MW (NWPGCL)	HSD	158	636.22	45.97	27.63	
29.	Baghabari 71 MW Gas Turbine	Gas	71	433.53	69.70	27.14	
	Baghabari 100 MW Gas Turbine	Gas	100	383.61	43.79	28.22	
30.	Baghabari 50 MW RE	FO	52	109.17	23.97	38.63	
31.	Bhola 225 MW CCPP	Gas	-	-0.07	-	-	
32.	Gopalgonj 100 MW Peaking PP	FO	109	235.57	24.67	39.66	
33.	Bera 70 MW RE	FO	71	123.70	19.89	39.27	
34.	Faridpur 50 MW Peaking PP	FO	54	148.87	31.47	40.01	
35.	Rangpur 20 MW Gas Turbine	HSD	20	13.70	7.82	20.10	
36.	Saidpur 20 MW Gas Turbine	HSD	20	19.27	11.00	21.24	
37.	Barapukuria 2x125 MW ST (COAL)	COAL	200	940.91	53.70	25.39	
38.	Sirajgonj 210 MW Gas Turbine (NWPGCL)	Gas	210	1674.47	91.02	40.44	
39.	Santahar 50 MW PP	FO	50	84.20	19.22	15.97	
40.	Katakhali 50 MW PP	FO	50	91.82	20.96	39.31	
	Total (Grid)		**5440**	**21100.81**	**44.28**		
41.	Isolated East Isolated West	HSD HSD		1.88			
	Total Public Sector		**5440**	**21102.69**	**44.28**		

Sl. No.	Name of power plant	Type of fuel	Installed Capacity (As of June) (MW)	Net Energy Generation (GWh)	Annual Plant factor (%)	Efficiency (%) (Net)	Overall Thermal Efficiency (%) (Net)
	IPP						
1.	KPCL (Khulna,BMPP)	FO	110	424.83	44.09	39.09	
2.	NEPC (Haripur, BMPP)	Gas	110	396.87	41.19	41.03	
3.	RPCL 210 MW(Mymensingh)	Gas	202	1400.09	79.12	45.15	
4.	AES, Haripur	Gas	360	2655.43	84.20	49.06	
5.	AES, Meghnaghat	Gas	450	507.99	12.89	45.17	
6.	Ashuganj 51 MW (Midland)	Gas	51	344.25	77.05	36.57	
7.	Natore, Rajshahi 50 MW PP (RajLanka)	FO	52	184.78	40.56	40.94	
8.	Meghnagat power Co. (summit)	HSD	305	476.03	17.82	25.54	
9.	Gogonnogor 102 MW PP	FO	102	447.45	50.08	38.74	
10.	Baraka-Potengga 50 MW PP	FO	50	231.61	52.88	40.44	
11.	Ghorashal 108 MW (Regent Power)	Gas	108	592.70	62.65	37.3	
12.	Potiya, Chittagong 108 MW (ECPV)	F.oil	108	215.06	22.73	39.91	
13.	Comilla 52 MW (Lakdhanvi Bangla)	F.oil	52	93.48	20.52	47	
14.	Katpotti,Munshigonj 50 MW (Sinha peoples)	F.oil	51	90.13	20.17	40.3	
15.	Ashuganj modular 195 MW (United Power)	Gas	195	259.47	15.19	42.51	
16.	Bibiyana 2 (Summith) 341 MW	Gas	222	149.74	7.70	28.88	
			2528	**8469.91**			
1.	Bogra Rental (GBB) (15 Years)	Gas	22	170.95	88.70	29.02	
2.	Kumargoan (Energy Prima)(3 Years)	Gas	50	346.17	79.03	34.27	
3.	Sahzibazar RPP (Energyprima) (3 Years)	Gas	50	316.64	72.29	28.43	
4.	Sahzibazar RPP (Shahjibazar Power) (15 Years)	Gas	86	593.04	78.72	27.26	
5.	Tangail SIPP (Doreen) (22 MW) (BPDB)	Gas	22	151.29	78.50	38.28	
6.	Feni SIPP (22 MW) (BPDB)	Gas	22	146.19	75.86	38.28	
7.	Kumargao 10 MW(Desh Energy) (15 Years)	Gas	10	74.21	84.71	35.56	
8.	Barabkundu	Gas	22	163.80	84.99	38.28	
9.	Bhola RPP (34.5 MW)	Gas	33	209.57	72.50	30.04	
10.	Jangalia , Comilla (33 MW)	Gas	33	250.69	86.72	38.24	
11.	Fenchugonj 51 MW Rental (Barakatullah) (15 Yrs)	Gas	51	361.90	81.01	31.29	
12.	Shikalbaha 55 MW Rental (3 Years)	F.oil	40	183.62	52.40	43.00	
13.	Malancha	Gas	0	214.85	-	41.09	
14.	Ashugonj 55 MW (Precision Energy) 3 Years Rental	Gas	55	372.91	77.40	32.50	
15.	Thakurgaon 50 MW 3 Years Rental	HSD	40	45.73	13.05	36.69	
16.	Fenchugonj 50 MW (Energy Prima)	Gas	44	362.26	93.99	31.29	
17.	Ghorashal 45 MW RPP (Aggreko)	HSD	45	328.90	83.43	35.94	
18.	Khulna 55 MW RPP 3 yrs (Aggreko)	HSD	55	87.36	18.13	32.48	
19.	Ghorashal 100 MW RPP Aggreko)	GAS	100	689.82	78.75	35.94	
20.	Pagla 50 MW (DPA)	HSD	50	122.84	28.05	38.31	
21.	Bheramara 110 MW 3 Yrs Rental (Quantum)	HSD	105	0.00	0.00	41.01	
22.	Shiddirgonj 100 MW Q. Rental (Desh Energy) 3 Yrs	HSD	98	183.74	21.40	39.20	
23.	B.Baria 70 MW QRPP (3 Yrs Aggreco)	Gas	85	617.19	82.89	35.94	
24.	Madangonj 100 MW QRPP (5 Yrs Summit)	FO	100	579.82	66.19	41.63	
25.	Khulna 115 MW QRPP (5 Yrs Summit)	FO	115	567.32	56.32	39.09	
26.	Ghorashal 78 MW QRPP (3 Yrs Max Power)	Gas	78	0.00	0.00	35.82	
27.	Noapara 40 MW QRPP (5 Yrs Khan Jahan Ali)	FO	40	175.33	50.04	40.96	
28.	Ashugonj 80 MW QRPP (3 Yrs Aggreco)	Gas	95	664.10	79.80	35.94	
29.	Noapara 105 MW RPP (5 Yrs Quantum)	FO	101	0.00	0.00	41.01	
30.	Ashugonj 53 MW Q. Rental PP (3 Years) (United Power)	Gas	53	389.30	83.85	36.27	
31.	Meghnagat 100 MW QRPP (5 Yrs) IEL	FO	100	472.89	53.98	41.13	
32.	Shiddirgonj 100 MW QRPP (5Years) Dutch Bangla	FO	100	487.34	55.63	41.13	
33.	Bogra RPP 3 Yrs (Energy Prima)	Gas	20	118.88	67.85	41.79	
34.	Amnura 50 MW QRPP (5 Yrs, Sinha Power)	FO	50	152.83	34.89	41.63	
35.	Keranigonj 100 MW QRPP(5Yrs) (Power Pac)	FO	100	461.74	52.71	40.80	
36.	Julda 100MW QRPP (5Yrs, Acron infra)	FO	100	567.05	64.73	41.19	
37.	Katakhali 50 MW QRPP	FO	50	154.96	35.38	40.76	
38.	**Energy Import**	Import	500	3379.91	77.17		
	Sub Total Rental & SIPP		**2720**	**10785**			
	Total Private (IPP+SIPP+Rental+Import)		**5248**	**22635**			
	Public Sector Net Generation		**5440**	**21103**			
	Total Net Generation (Public+IPP Net+Import)		**10688**	**43737.74**			

Energy Generation (National)

In GWh

Year	Gross Energy Generation of Public Sector			Net Generation of Public Sector	Total Private Generation Inclu. REB (Net)	Total Generation (Net)	% Change 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	883		883			
1971-72	582	135	717	681		681	(22.82)		
1972-73	857	229	1086	1031		1,031	51.41		
1973-74	982	283	1265	1202		1,202	16.56		
1974-75	1022	300	1322	1256		1,256	4.48		
1975-76	1116	344	1460	1387		1,387	10.41		
1976-77	1224	394	1619	1538		1,538	10.89		
1977-78	1444	468	1913	1817		1,817	18.18		
1978-79	1603	519	2122	2016		2,016	10.95		
1979-80	1745	609	2353	2236		2,236	10.89		
1980-81	1,978	684	2,662	2529		2,529	13.11	-	-
1981-82	2,292	744	3,036	2885		2,885	14.07	-	-
1982-83	2,846	587	3,433	3261		3,261	13.05	341.32	0.24
1983-84	3,398	568	3,966	3768		3,768	15.54	519.04	1.44
1984-85	3,656	873	4,528	4302		4,302	14.18	477.41	20.63
1985-86	3,488	1,312	4,800	4560		4,560	6.00	222.40	106.43
1986-87	4,749	838	5,587	5308		5,308	16.39	797.84	10.91
1987-88	5,753	789	6,541	6214		6,214	17.08	1,179.54	0.02
1988-89	6,534	581	7,115	6759		6,759	8.77	1,550.00	--
1989-90	7,401	331	7,732	7345		7,345	8.67	1,956.78	--
1990-91	8,126	144	8,270	7857		7,857	6.96	2,314.07	--
1991-92	8,500	394	8,894	8450		8,450	7.55	2,213.00	--
1992-93	8,583	624	9,206	8746		8,746	3.51	1,919.89	--
1993-94	9,129	655	9,784	9295		9,295	6.28	1,980.76	--
1994-95	9,885	921	10,806	10266		10,266	10.45	1,954.62	--
1995-96	10,735	740	11,474	10901		10,901	6.18	2,215.02	--
1996-97	10,805	1,053	11,858	11,243		11,243	3.14	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	--
2011-12	13,316	2,758	16,074	15,201	19,917	35,118	12.00	4445.42	--
2012-13	15,078	3,929	19,008	17,994	20,235	38,229	8.86	4696.49	--
2013-14	15,726	4,943	20,669	19,645	22,550	42,195	10.37	3138.37	--
2014-15	16,950	5,214	22,163	21,103	24,733	45,836	8.63	3043.08	--



Signing of Contract for construction of Sikalbaha 225 MW Power Plant between BPDB and Larsen & Tubro, India.

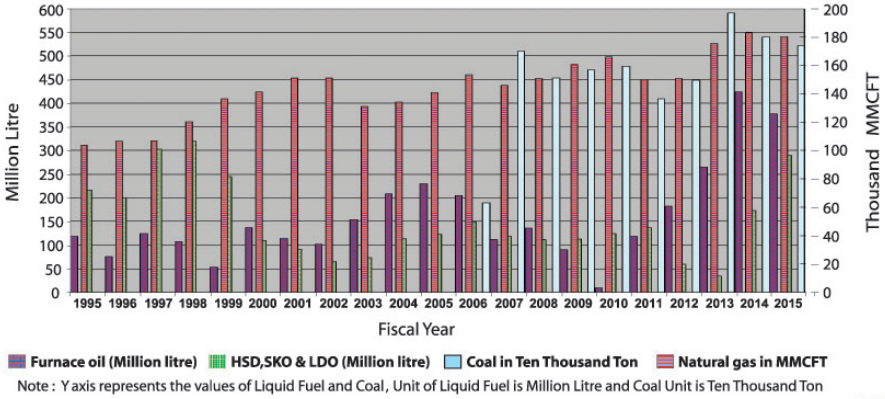
Per Capita Generation And Consumption (Grid)

Year	Total Generation (GWh)	Total Population (In million)	Total Sale (MkWh)	Per Capita Generation (kWh)	Per Capita Consumption (kWh)
1976-77	1,619	82	1,013	19.80	12.39
1977-78	1,913	84	1,205	22.85	14.39
1978-79	2,122	86	1,381	24.78	16.13
1979-80	2,353	88	1,406	26.85	16.04
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
2011-12	35,118	152	29,974	231.65	197.72
2012-13	38,229	154	32,740	248.89	213.15
2013-14	42,195	156	36,233	270.83	232.56
2014-15	45,836	158	39,624	290.47	251.10

Fuel Consumption of Public Sector Power Plants

Year	Natural Gas in MMCFT	Liquid Fuel in Million liter		Coal (Ten Thousand Ton)
		Furnace oil	HSD, SKO & LDO	
1975-76	8,841.12	81.91	0.39	
1976-77	10,850.48	75.05	67.97	
1977-78	13,081.39	80.77	103.35	
1978-79	14,579.55	128.41	84.50	
1979-80	15,940.70	103.63	134.58	
1980-81	18,904.42	68.66	209.44	
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
2011-12	1,51,047.84	182.48	59.89	0.45
2012-13	175,944.51	266.11	34.97	0.59
2013-14	1,83,522.79	424.72	173.00	0.54
2014-15	1,80,765.64	378.13	291.06	0.52

Consumption of Fuel (Public Sector)



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

Fuel Cost of Public Sector Power Plants

Million Taka

Year	East Zone	West Zone		
1991-92	3,337	1,484	4,821	
1992-93	3,803	2,157	5,960	23.62
1993-94	4,085	2,388	6,473	8.61
1994-95	4,951	3,242	8,193	26.58
1995-96	5,072	2,828	7,900	(3.58)
1996-97	4,882	4,376	9,258	17.20
1997-98	5,809	4,479	10,289	11.13
1998-99	7,116	3,325	10,441	1.48
1999-00	7,732	2,080	9,812	(6.02)
2000-01	8,846	2,533	11,378	15.96
2001-02	9,152	2,474	11,626	2.18
2002-03	8,324	3,488	11,813	1.60
2003-04	8,482	4,926	13,409	13.51
2004-05	9,313	6,757	16,070	19.85
2005-06	8,945	7,385	16,330	1.62
2006-07	7,265	9,494	16,759	2.63
2007-08	8,759	8,194	16,953	1.16
2008-09	6,624	11,609	18,232	7.54
2009-10	7,120	9,245	16,364	(10.25)
2010-11	6,431	12,632	19,063	16.49
2011-12	13,831	14,740	28,571	49.88
2012-13	18,885	18,380	37,266	30.43
2013-14	23,430	32,822	56,252	50.95
2014-15	23,307	36,946	60,253	7.11

Fuel Price

Fuel Type	Unit price with effect from																	
	06.01.03	08.06.04	01.01.05	04.09.05	26.06.06	02.04.08	01.07.08	27.10.08	23.12.08	13.01.09	15.03.09	01.08.09	01.07.10	05.05.11	01.01.12	01.02.12	04.01.13	01.05.15
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	42.71	46.00	61.00	61.00	68.00	68.00
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	26.00	42.00	60.00	60.00	60.00	60.00
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	79.82	79.82	79.82	79.82	79.82
Coal (US $./ M Ton)	-	-	-	-	60	60	71.5	71.5	71.5	71.5	71.5	71.5	86.00	86.00	86.00	105.00	105.00	130.00

TRANSMISSION TABLES AND CHARTS

CIRCLE WISE SUB-STATIONS CAPACITY (MVA)

(As of June 2015)

A) 400 KV HVDC Sub-station

Name of Sub-station	Capacity
Bheramara HVDC Back to Back Sub-station	500 MW

B) 400/230 KV Sub-station

SN	Name of Sub-stations	Circle	Capacity
01	Bibiyana	Comilla	520 MVA

C) 230/132 kV Substations

Name of Grid Circle	PGCB		PDB/APSCL		DPDC & Others	
	No. of S/S	Total MVA	No. of S/S	Total MVA	No. of S/S	Total MVA
Dhaka	8+1(Switching)	5,175	1	250	-	-
Chittagong	1	600				
Comilla	2	750	1	300		
Khulna	2	750				
Bogra	2+1(Switching)	900				
HVDC	2	900				
Total	**19**	**9075**	**2**	**550**	-	-
Grand Total	**9,625**					

D) 132/33 kV Substations

Name of Grid Circle	PGCB		PDB/APSCL		DPDC, APSCL & Others	
	No. of S/S	Total MVA	No. of S/S	Total MVA	No. of S/S	Total MVA
Dhaka	27	4,703.6	1	126	14	2,160
Chittagong	11	1,295.3	2	103	3	70
Comilla	13	1,691	1	82		
Khulna	13	1,219				
HVDC	9	989.9			Bheramara GKP	20
Bogra	16	2064.9				
Total	**89**	**11,963.7**	**4**	**311**	**17**	**2,250**
Grand Total	**14,524.7**					

Synopsis of Transmission Lines

(As of June 2015)

A) 400 KV Transmission Lines

Sl. No.	Name of Lines	Lenth in Route kilometers	Lenth in Ckt kilometers	No. of Ckt.	Conductor	
					Name	Size
1	HVDC Bheramara-Baharmpur	27.35	54.70	Double	Twin Finch	1113 MCM
2	Aminbazar-Meghnaghat*	55.00	110.00	Double	Quad Egret	636 MCM
	Total	**82.35**	**164.70**			

*Presently Operated at 230 kV

B) 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	175	350	Double	Mallard	795 MCM
2	Tongi - Ghorasal	27	54	Double	Mallard	795 MCM
3	Ghorasal - Ashuganj	44	88	Double	Mallard	795 MCM
4	Raojan - Hathazari	23	45	Double	Twin 300 sq.mm	
5	Ashuganj - Comilla North	79	158	Double	Finch	1113 MCM
6	Ghorasal - Rampura	50	100	Double	TwinMallard	2x795 MCM
7	Rampura - Haripur	22	44	Double	Twin Mallard	2x795 MCM
8	Haripur - Meghnaghat	13	25	Double	Twin Mallard	2x795 MCM
9	Meghnaghat - Hasnabad	25	49	Double	Twin Mallard	2x795 MCM
10	Comilla North - Hathazari	151	302	Double	Finch	1113 MCM
11	AES, Haripur - Haripur	2	5	Double	Finch	1113 MCM
12	Comilla North - Meghnaghat	58	116	Double	Twin Mallard	2x795 MCM
13	Tongi-Aminbazar	25	50	Double	Twin AAAC	37/4.176 mm.
14	Aminbazar-Hasnabad	22	43	Double	Twin AAAC	37/4.176 mm.
15	Siddhirganj 210 MW P/S -Haripur	2	2	Single	ACSR	600 sq. mm.
16	Ashuganj - Sirajganj	144	288	Double	Twin AAAC	37/4.176 mm.
17	Khulna-Bheramara HVDC	177	353	Double	Twin AAAC	37/4.176 mm.
18	Bheramara HVDC-Ishurdi	10	20	Double	Twin AAAC	37/4.176 mm.
19	Bogra-Barapukuria	106	212	Double	Twin AAAC	37/4.176 mm.
20	Sirajganj-Bogra	73	145	Double	Twin AAAC	37/4.176 mm.
21	Ishurdi-Baghabari	55	110	Double	Twin AAAC	37/4.176 mm.
22	Baghabari-Sirajganj	38	76	Double	Twin AAAC	37/4.176 mm.
23	Fenchuganj-Bibiyana	33	67	Double	Twin Mallard	2x795 MCM
24	Bibiyana-Comilla(N)	154	307	Double	Twin Mallard	2x795 MCM
25	Aminbazar-Old Airport (O/H)	4	7	Double	Twin Mallard	2x795 MCM
26	Aminbazar-Old Airport (U/G)	4	8	Double	XLPE	2000 sq. mm.
27	Siddhirganj-Maniknagar	11	22	Double	Twin Mallard	2x795 MCM
28	Bhola-Barisal	63	125	Double	Twin Mallard	2x795 MCM
	Total	**1586**	**3171**			

C) 132 KV Transmission Lines

Sl. No.	Name of Lines	Length in Route kilometers	Length in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
1	Shahjibazar-Brahmanbaria	57	114	Double	Grosbeak	636 MCM
2	Brahmanbaria-Ashuganj	16.5	33	Double	Grosbeak	636 MCM
3	Ashuganj-Ghorasal	45.32	90.64	Double	Grosbeak	636 MCM
4	Ghorasal-Narsingdi	13.35	13.35	Single	Grosbeak	636 MCM
5	Narsingdi-Haripur	34.33	34.33	Single	Grosbeak	636 MCM
6	Ghorasal-Bhulta	29.1	29.1	Single	Grosbeak	636 MCM
7	Bhulta-Haripur	15.25	15.25	Single	Grosbeak	636 MCM
8	Haripur-Siddhirganj	2	4	Double	Grosbeak	636 MCM
9	Shahjibazar-Srimangal	36.2	72.4	Double	Grosbeak	636 MCM
10	Srimangal-Fenchuganj	49	98	Double	Grosbeak	636 MCM
11	Fenchuganj-Fenchuganj PS	3.66	14.64	Four	Grosbeak	636 MCM
12	Fenchuganj-Sylhet	31.7	63.4	Double	Grosbeak	636 MCM
13	Sylhet-Chhatak	32.9	65.8	Double	Grosbeak	636 MCM
14	Kaptai-Hathazari	45	90	Double	Grosbeak	636 MCM
15	Hathazari-Feni	85.4	170.8	Double	Grosbeak	636 MCM
16	Feni-Comilla (N)	66	132	Double	Grosbeak	636 MCM
17	Comilla (N)- Daudkandi	55	110	Double	Grosbeak/AAAC	636 MCM
18	Daudkandi-Sonargaon	61.7	123.4	Double	Grosbeak/AAAC	636 MCM
19	Sonargaon-Haripur	15	30	Double	Grosbeak/AAAC	636 MCM
20	Haripur-Siddhirganj	2.25	4.5	Double	Grosbeak	636 MCM
21	Khulshi-Halishahar	13	26	Double	Grosbeak	636 MCM
22	Comilla (N)-Chandpur	77.5	77.5	Single	Linnet + Grosbeak	(336.4 + 636) MCM
23	Comilla (N)-Comilla (S)	16	16	Single	Grosbeak	636 MCM
24	Comilla (S)-Chandpur	62	62	Single	Linnet	336.4 mCM
25	Ashuganj-Kishoreganj	52	104	Double	Grosbeak	636 MCM
26	Kishoreganj-Mymensingh	59	118	Double	Grosbeak	636 MCM
27	Mymensingh-Jamalpur	55	110	Double	Grosbeak	636 MCM
28	Madunaghat-Sikalbaha	16.5	16.5	Single	Grosbeak	636 MCM
29	Madunaghat-TKC	8.5	8.5	Single	Grosbeak	636 MCM
30	TKC-Sikalbaha	8.5	8.5	Single	Grosbeak	636 MCM
31	Sikalbaha-Dohazari	32	64	Double	Grosbeak	636 MCM
32	Sikalbaha-Juldah	7.5	7.5	Single	AAAC	804 sq.mm
33	Juldah-Halishahar	8	8	Single	AAAC	804 sq.mm
34	Khulshi-Baroaulia	15	15	single	Grosbeak	636 MCM
35	Khulshi-AKSML	11	11	single	Grosbeak	636 MCM
36	AKSML-Baroaulia	4	4	single	Grosbeak	636 MCM
37	Madunaghat-Khulshi	13	13	Single	Grosbeak	636 MCM

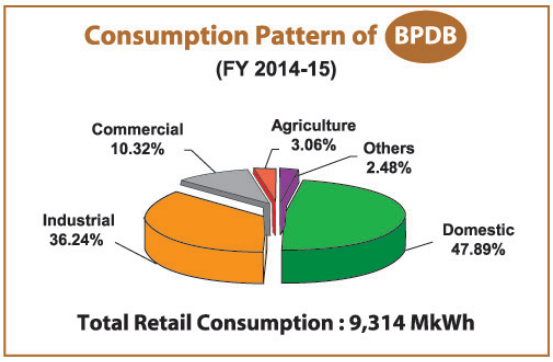
Sl. No.	Name of Lines	Length in Route kilometers	Length in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
38	Madunaghat-Khulshi	13	13	Single	Grosbeak	636 MCM
39	Kaptai-Chandraghona	11.5	23	Double	Grosbeak	636 MCM
40	Chandraghona-Madunaghat	27	54	Double	Grosbeak	636 MCM
41	Madunaghat-Hathazari	10.2	20.4	Double	Grosbeak	636 MCM
42	Hathazari-Baroaulia	11	22	Double	Grosbeak	636 MCM
43	Dohazari-Cox's Bazar	87	174	Double	Grosbeak	636 MCM
44	Feni-Chowmuhani	32	64	Double	Grosbeak	636 MCM
45	Baroaulia- Kabir Steel	4	4	Single	Grosbeak	636 MCM
46	Mymensingh-Netrokona	34	68	Double	Grosbeak	636 MCM
47	Goalpara-Khulna (C)	1.5	3	Double	AAAC	804 MCM
48	Khulna (C)-Noapara	22.8	45.6	Double	AAAC	804 MCM
49	Noapara-Jessore	27.9	55.8	Double	AAAC	804 MCM
50	Jessore-Jhenaidah	47.5	95	Double	AAAC	804 MCM
51	Jhenaidah-Kustia	43	86	Double	AAAC	804 MCM
52	Kustia-Bheramana	23	46	Double	AAAC	804 MCM
53	Bheramara PGCB-Ishwardi	10	20	Double	AAAC	804 MCM
54	Ishwardi-Natore	42	84	Double	AAAC	804 MCM
55	Natore-Bogra	61	122	Double	AAAC	804 MCM
56	Bogra-Palashbari	50	100	Double	AAAC	804 MCM
57	Palashbari-Rangpur	52	104	Double	AAAC	804 MCM
58	Rangpur-Saidpur	41.5	83	Double	AAAC	804 MCM
59	Saidpur-Purbasadipur	24.5	49	Double	AAAC	804 MCM
60	Purbasadipur-Thakurgaon	45	90	Double	AAAC	804 MCM
61	Goalpara-Bagerhat	45	45	Single	AAAC	804 MCM
62	Barisal-Bhandaria	49	49	Single	HAWK	477 MCM
63	Bhandaria-Bagerhat	40	40	Single	HAWK	477 MCM
64	Bagerhat-Mongla	28	28	Single	HAWK	477 MCM
65	Barisal-Patuakhali	38.2	38.2	Single	Grosbeak	636 MCM
66	Bheramara PGCB-Faridpur	105	210	Double	HAWK	477 MCM
67	Faridpur-Madaripur	65.5	131	Double	HAWK	477 MCM
68	Madaripur-Barisal	59	118	Double	HAWK	477 MCM
69	Rajshahi-Natore	37	37	Single	HAWK	477 MCM
70	Ishwardi-Baghabari	63	63	Single	HAWK	477 MCM
71	Baghabari-Shahjadpur	5	5	Single	HAWK	477 MCM
72	Ishwardi-Pabna	18	18	Single	Grosbeak	636 MCM
73	Pabna-Shahjadpur	41	41	Single	Grosbeak	636 MCM
74	Bogra-Sirajganj	66	132	Double	Grosbeak	636 MCM
75	Sirajganj-Shahjadpur	34	34	Single	Grosbeak	636 MCM
76	Sirajganj-Baghabari	39.7	39.7	Single	Grosbeak	636 MCM
77	Rajshahi-Chapai Nawabganj	48	96	Double	Grosbeak	636 MCM
78	Rangpur-Lalmonirhat	38	38	Single	Grosbeak	636 MCM
79	Bogra-Naogaon	44	88	Double	Grosbeak	636 MCM
80	Kabirpur-Tangail	51	102	Double	Grosbeak	636 MCM
81	Tongi-Mirpur	17	17	Single	Grosbeak	636 MCM
82	Tongi-Uttara	14.5	14.5	Single	Grosbeak	636 MCM
83	Uttara-Mirpur	8.5	8.5	Single	Grosbeak	636 MCM
84	Mirpur-Aminbazar	7	14	Double	Grosbeak	636 MCM
85	Aminbazar-Kallayanpur	4	8	Double	Grosbeak	636 MCM
86	Hasnabad-Lalbagh	30	30	Single	Grosbeak	636 MCM
87	Kamrangirchar-Lalbagh	2.6	2.6	Single	Grosbeak	636 MCM
88	Kallayanpur-Kamrangirchar	11	11	Single	Grosbeak	636 MCM
89	Kallayanpur-Keraniganj	20	20	Single	Grosbeak	636 MCM
90	Hasnabad-Keraniganj	13.6	13.6	Single	Grosbeak	636 MCM
91	Tongi-New Tongi	0.5	1	Double	Grosbeak	636 MCM
92	Hasnabad-Sitalakhya	12.6	12.6	Single	Grosbeak	636 MCM
93	Madanganj-Sitalakhya	4	4	Single	Grosbeak	636 MCM
94	Hasnabad-Shyampur	21	21	Single	Grosbeak	636 MCM

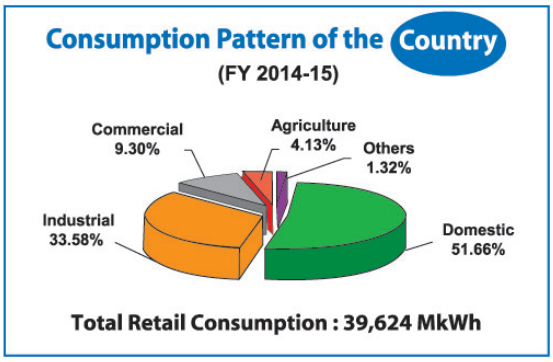
Sl. No.	Name of Lines	Length in Route kilometers	Length in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
95	Shyampur-Haripur	30	30	Single	Grosbeak	636 MCM
96	Madanganj-Haripur	12.4	12.4	Single	Grosbeak	636 MCM
97	Siddhirganj-Ullon	16	32	Double	Grosbeak	636 MCM
98	Haripur-Matuail	5.65	5.65	Single	Grosbeak	636 MCM
99	Maniknagar-Matuail	16	16	Single	Grosbeak	636 MCM
100	Siddhirganj-Maniknagar	10	10	Single	Grosbeak	636 MCM
101	Maniknagar-Bangabhaban	3	6	Double	Cu.Cable	240 sq.mm
102	Maniknagar-Narinda	5	10	Double	Cu.Cable	240 sq.mm
103	Ullon-Dhanmondi	5.5	11	Double	Cu.Cable	240 sq.mm
104	Ullon-Dhanmondi	5.5	11	Double	XLPE	500 sq.mm
105	Tongi-Kabirpur	22.5	45	Double	Grosbeak	636 MCM
106	Kabirpur-Manikganj	32	64	Double	Grosbeak	636 MCM
107	Ullon-Rampura	4	8	Double	Grosbeak	636 MCM
108	Rampura-Bashundhara	8	16	Double	Grosbeak	636 MCM
109	Bashundhara-Tongi	11	22	Double	Grosbeak	636 MCM
110	Rampura-Moghbazar	4.5	9	Double	Grosbeak	636 MCM
111	Ghorasal-Joydevpur	28	56	Double	Grosbeak	636 MCM
112	Baghabari-Shahjadpur	5.5	5.5	Single	Grosbeak	636 MCM
113	Chandpur-Chowmuhani	68	136	Double	Grosbeak	636 MCM
114	Barapukuria-Rangpur	42	84	Double	Grosbeak	636 MCM
115	Barapukuria-Saidpur	36	72	Double	Grosbeak	636 MCM
116	Madaripur-Gopalganj	45	45	Single	AAAC	804 MCM
117	Khulna (C)-Khulna(S)	9	18	Double	Twin AAAC	37/4.176 mm.
118	Khulna(S)-Satkhira	47	47	Single	AAAC	804 MCM
119	Rajshahi-Natore	40	40	Single	Grosbeak	636 MCM
120	Rampura-Gulshan	3.3	6.6	Double	XLPE	800 sq.mm
121	Sikalbaha-Bakulia	4	8	Double	Grosbeak	636 MCM
122	Juldah-Shahmirpur	6	12	Double	Grosbeak	636 MCM
123	Khulshi-Bakulia	15	30	Double	Grosbeak	636 MCM
124	Haripur-Maniknagar	13	13	Single	Grosbeak	636 MCM
125	Joydevpur-Kodda PP	8	16	Double	Grosbeak	636 MCM
126	Kodda PP-Kabirpur	10	20	Double	Grosbeak	636 MCM
127	Sikalbaha-Shahmirpur	9	18	Double	Grosbeak	636 MCM
128	Khulshi-Halishahar (Open atKhulshi)	13	13	Single	Grosbeak	636 MCM
129	BograOld-BograNew	1.5	3	Double	Twin AAAC	37/4.176 mm.
130	Ashuganj-Shahjibazar	53	53	Single	Grosbeak	636 MCM
131	Khulna (S) -Gallamari	4.2	8.4	Double	Grosbeak	636 MCM
132	Naogaon-Niyamatpur	46	46	Single	AAAC	804 MCM
133	Aminbazar-Savar	15.8	31.6	Double	Grosbeak	636 MCM
134	Jhenaidah-Magura	26.5	26.5	Single	Grosbeak	636 MCM
135	Jhenaidah-Chuadanga	39.3	39.3	Single	Grosbeak	636 MCM
136	Naogaon-Joypurhat	46.2	46.2	Single	Grosbeak	636 MCM
137	Thakurgaon-Panchagarh	45	45	Single	AAAC	636 MCM
138	Sonargaon S/S to Megnaghat Rental PP	5	10	Double	Grosbeak	636 MCM
139	Shiddhirganj to Siddhirganj Dutch Bangla PP	2.4	2.4	Single	Grosbeak	636 MCM
140	Goalpara-Khulna ©	2.4	2.4	Single	XLPE	
141	Noapara PP to Noapara Ss	1.6	1.6	Single	Grosbeak	Grosbeak
142	Daudkandi PP to Daudkandi ss	1.3	1.3	Single	Grosbeak	Grosbeak
143	Gopalganj PP to Gopalganj ss	1.2	1.2	Single	Grosbeak	Grosbeak
144	Shiddhirganj desh energy PP to Siddhirganj ss	2.5	2.5	Single	Grosbeak	Grosbeak
145	Faridpur PP to Faridpur -Bheramara PGCB	1	1	Single	Grosbeak	Grosbeak
146	Bera PP to Baghabari -Ishwardi line	4.5	4.5	Single	Grosbeak	Grosbeak
147	Amnura PP to Rajshahi-Chapai	12.6	12.6	Single	Grosbeak	Grosbeak
148	Madanganj-Munsiganj	4	8	Double	Grosbeak	Grosbeak
149	Old Airport-Cantonment	6.99	13.98	Double	XLPE	800 sq.mm
150	Fenchuganj- Kulaura	25	50	Double	Grosbeak	636 MCM
151	Jamalpur- Sherpur	20	40	Double	Grosbeak	636 MCM
152	Old Airport-Sajmasjid	8.294	16.588	Double	XLPE	800 sq.mm
153	Rampura-Madertek	4.5	9	Double	XLPE	500 sq.mm
	Total	**3931**	**6359**			

DISTRIBUTION TABLES & CHARTS

Distribution Zone Wise Energy Import & Energy Sales Statistics of BPDB

Distribution Zone's Name	Energy Imported (MkWh)		Energy Sold (MkWh)		Distribution System loss (%)		% Change over the previous year
	2013-14	2014-15	2013-14	2014-15	2013-14	2014-15	
Mymenshing	1401.27	1547.26	1177.14	1326.24	15.99	14.28	-10.69
Chittagong	3655.76	3564.24	3313.71	3208.58	9.36	9.98	6.65
Comilla	1117.86	1170.74	1001.40	1040.77	10.42	11.10	6.56
Sylhet	772.44	808.97	653.66	698.42	15.38	13.67	-11.13
Rangpur	1000.93	1126.60	856.68	973.16	14.41	13.62	-5.49
Rajshahi	1621.73	1744.48	1426.71	1543.82	12.03	11.50	-4.35
Others	27.01	524.16	26.64	523.76	1.37	0.08	-94.43
Total	**9597.00**	**10486.45**	**8455.94**	**9314.75**	**11.89**	**11.17**	**-6.02**





Distribution Zone Wise Billing & Collection Statistics of BPDB

Distribution Zone's Name	Billed Amount (Million Tk)		Collected Amount (Million Tk)		Accounts Receivable (Million Tk)		% increase over the previous year	Coll/Bill Ratio (%)		C/I Ratio (%)	
	2013-14	2014-15	2013-14	2014-15	2013-14	2014-15		2013-14	2014-15	2013-14	2014-15
Mymenshing	6,146	7,225	5,543	6,763	2,459	3,160	28.54	90.18	93.61	75.76	80.23
Chittagong	20,277	20,686	19,554	20,317	3,341	3,680	10.16	96.43	98.22	87.41	88.42
Comilla	5,798	6,252	5,565	6,141	1,170	1,329	13.59	95.98	98.22	85.98	87.32
Sylhet	3,918	4,436	3,625	4,158	1,172	1,380	17.80	92.51	93.74	78.29	80.93
Rangpur	4,826	5,690	4,411	5,367	1,640	2,127	29.74	91.4	94.32	78.23	81.48
Rajshahi	7,973	9,070	7,577	8,687	1,999	2,308	15.48	95.03	95.77	83.6	84.76
Others	183	3,695	164	3,349	130	769	492.63	89.5	90.62	-	-
Total	**49,122**	**57,054**	**46,439**	**54,781**	**11,909**	**14,755**	**23.89**	**94.54**	**96.02**	**83.30**	**85.29**

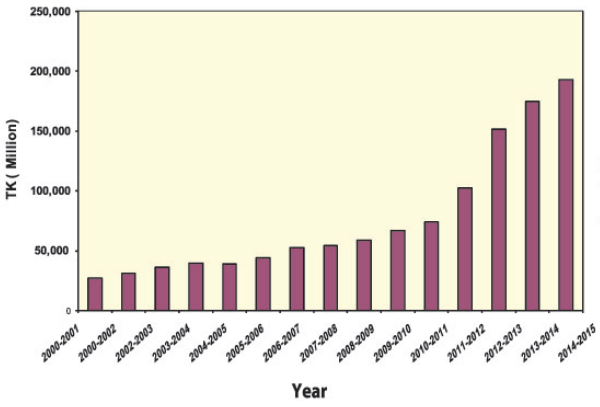
Revenue Collection of BPDB

Year	Million Taka	% Change over preveous year
1995-96	16,791	7.05
1996-97	16,015	-4.62
1997-98	17,199	7.39
1998-99	16,235	-5.61
1999-00	22,450	38.28
2000-01	27,017	20.34
2001-02	31,373	16.12
2002-03	36,066	14.96
2003-04	39,608	9.82
2004-05	39,177	-1.09
2005-06	44,284	13.03
2006-07	52,799	19.23
2007-08	54,060	2.39
2008-09	58,922	8.99
2009-10	66,776	13.33
2010-11	74,303	11.27
2011-12	102,242	37,60
2012-13	151,711	48,38
2013-14	174,740	15.18
2014-15	193,013	10.46

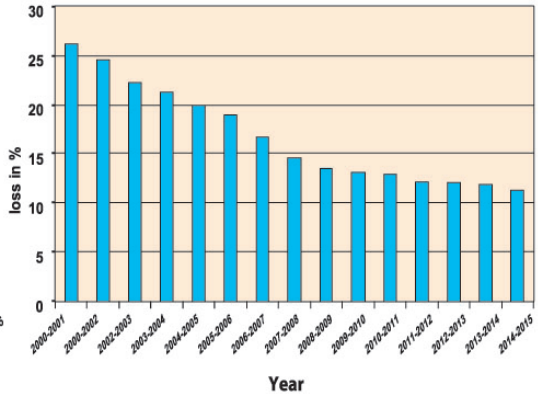
Distribution System Loss of BPDB

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
2011-12	12.15
2012-13	11.95
2013-14	11.89
2014-15	11.17

Net Revenue Collection



Distribution System Loss



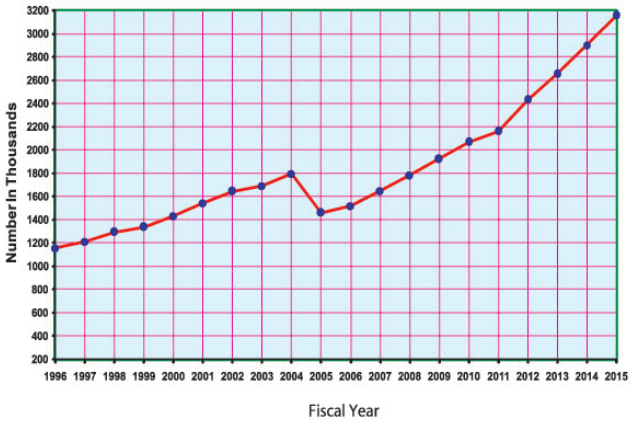
Category Wise Consumer Growth

In Nos.

Year	Domestic	Agriculture	Small Industrial	Small Commercial	Large Inds. & Comm.	REB	DPDC/ Others	DESCO	WZPDCL	Others	Total	% Increase Over the Preceeding 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	351,673	2,846	185	7	1	1	27846	2,159,625	4.46
2011-12	1,947,827	36,506	43,241	372,245	3,184	70	7	1	1	28973	2,432,055	12.61
2012-13	2,146,940	39,810	44,809	386,947	3,464	70	9	1	1	31968	2,654,019	9.13
2013-14	2,378,278	45,042	45,792	396,776	3,780	71	9	1	1	31559	2,901,309	9.32
2014-15	2,606,764	49,937	47,215	416,197	4,125	71	10	1	1	32783	3,157,104	8.82

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

Consumer Growth



Electrification of Thana Villages and Pumps

Year	Upazila/ Thana (Nos.)	Village (Nos.)	Hat/Bazar (Nos.)	Deep, Shallow & Low Lift Pumps(Nos.)
1971-72	111	250	--	551
1972-73	123	300	--	551
1973-74	133	326	--	594
1974-75	161	500	--	710
1975-76	237	1024	--	984
1976-77	295	1424	410	1280
1977-78	321	1518	448	1911
1978-79	335	1596	481	2317
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
2011-12 *	236	4,810	1,880	30,933
2012-13 *	236	5,344	1,863	36,232
2013-14 *	243	5,393	2,044	43,822
2014-15 *	246	5,735	2,138	45,010

* Excluding DPDC, DESCO, WZPDCO & REB

Total Electrified Areas & Consumer Numbers of BPDB

(As of June 2015)

Sl. No.	Name of Divi./ESU	Total Electrified Area					Total Consumers
		Thana/ Upazila	Ward	Village	Hat/Bazar	Deep, Shallow & Low Fit Pump	
	Southern Zone, Chittagong						
	O & M Circle, Chatta-Metro (East)						
1	S & Patharghata	2	3	0	3	2	43208
2	S & D Stadium	2	5	0	0	0	28916
3	S & D Sholoshar	3	4	0	6	4	47403
4	S & D Kalurghat	4	6	0	4	0	45430
5	S & D Bakalia	5	5	0	10	9	57133
6	S & D Matarbari	2	3	0	0	0	27704
	O & M Circle, Chatta-Metro (West)						
7	S & D Agrabad	2	4	0	0	0	40486
8	S & D Halisahar	2	3	0	4	0	32978
9	S & D Khulshi	0	8	0	0	0	33331
10	S & D Pahartali	3	3	0	2	0	53122
11	S & D Rampur	2	3	0	2	0	38099
12	S & D Newmooring	3	2	0	5	0	29294
	O & M Circle, Chatta-Metro (North)						
13	DD-Fouzderhat	1	30	50	25	0	21176
14	S & D Hathazari	0	0	30	16	13	34196
15	S & D Barabkunda	1	38	52	16	16	21816
16	S & D Mohara	2	11	18	4	20	24375
	O & M Circle, Chatta-Metro (South)						
17	Dist. Divn. Patiya	11	61	186	50	226	45347
18	Dist. Divn. Cox's Bazar	9	80	56	42	317	59126
	O & M Circle, Rangamati						
19	Dist. Divn. Rangamati	8	99	240	24	23	34796
20	Dist. Divn.Khagrachari	12	164	367	59	148	38579
21	Bandarban	3	36	128	14	12	10703
	Sub Total	**77**	**568**	**1127**	**286**	**790**	**767218**
	Comilla Zone						
	O & M, Comilla						
1	S & D-1, Comilla	3	20	97	22	135	49638
2	S & D-2, Comilla	2	4	120	30	210	42101
3	S & D-3, Comilla	1	10	72	6	137	27450
4	S & D Chandpur	1	15	25	11	13	40678
5	Dist. Div. B. Baria	3	6	77	16	679	57402
6	S & D Daulotgonj	1	5	20	5	525	19295
7	S & D Ashuganj	1	3	11	5	74	19787
8	S & D Sarail	1	3	17	6	426	18537
	O & M, Noakhali						
9	Dist. Div. Noakhali	3	14	37	24	21	42352
10	Dist. Div. Feni	2	18	10	3	115	40795
11	S & D Div. Laxmipur	1	12	12	1	110	19800
12	S & D Chowmohani	1	12	9	8	1	24445
	Sub Total	**20**	**122**	**507**	**137**	**2446**	**402280**
	Central Zone, Mymenshing						
	O & M Circle, Mymensingh						
1	S & D -1(N)	8	95	198	135	4395	104825
2	S & D -2 (S)	3	125	257	88	1775	81250
3	S & D Goffargoan	1	15	82	46	935	29640
4	Netrokona E/S	1	9	23	12	775	24775
5	Dist. Div. Kishorgonj	2	30	130	36	312	42690
6	Bhairab E/S	2	30	65	28	605	44950
7	Dist. Div. Sherpur	5	50	125	48	2520	49380
	O & M Circle, Tangail						
8	Jamalpur E/S	1	12	37	9	853	33693
9	Sharishabari E/S	2	12	39	7	1245	10110
10	Ghatail E/S	2	28	39	38	678	19469
11	S & D, Shakhipur	7	29	75	54	1235	21767
12	S & D Bhuapur	4	20	25	25	1265	21469
13	S & D Khalihati	2	25	33	33	685	43673
14	S & D-1 Tangail	2	21	116	26	1646	51415
15	S & D-2 Tangail	3	17	52	57	1883	28515
	Sub Total	**45**	**518**	**1296**	**642**	**20807**	**607621**

Sl. No.	Name of Divi./ESU	Total Electrified Area					Total Consumers
		Thana/ Upazila	Ward	Village	Hat/ Bazar	Deep, Shallow & Low Fit Pump	
	Sylhet Zone						
	O & M Circle, Sylhet						
1	S & D-1	1	15	4	10	2	55019
2	S & D-2	1	10	55	30	10	62298
3	S & D-3	1	40	120	42	1	27201
4	S & D-4	2	42	70	15	7	23098
5	S & D-Sunamgonj	2	9	6	12	8	15840
6	S & D-Chatak	4	9	48	38	33	19547
7	Derai E/S	2	10	42	30	7	7286
	O & M Circle, Moulavibazar						
8	Dist. Div. Moulavibazar	1	7	14	7	0	18847
9	S & D-Hobigonj	2	9	25	8	50	19365
10	S & D-Kulaura	4	9	80	15	0	25401
11	Jogonnathpur E/S	1	9	84	15	9	11738
12	Jaintapur E/S	3	38	70	13	9	9255
	Sub Total	**24**	**207**	**618**	**235**	**136**	**294895**
	Rajshahi Zone						
	O & M Circle, Bogra						
1	S & D -1, Bogra	2	7	19	11	41	31805
2	S & D -2, Bogra	1	15	45	20	266	45983
3	S & D -3, Bogra	3	6	35	17	105	29701
4	S & D Sherpur	2	9	30	16	289	27500
5	S & D Dupchachia	2	27	95	22	440	19856
6	S & D, Santahar	3	33	82	9	618	28902
7	Shibgonj E/S	2	11	70	8	210	10190
8	Joypurhat E/S	1	12	12	5	236	19896
9	Naogaon E/S	2	9	25	12	303	44781
	O & M Circle, Pabna						
10	S & D-1	1	7	6	3	28	21991
11	S & D-2	1	7	11	3	35	26404
12	Ishurdi E/S	1	9	32	12	327	29375
13	Sirajgonj E/S	1	15	63	5	485	44245
	O & M Circle, Rajshahi-1						
14	S & D-1	2	7	11	4	0	27467
15	S & D-2	3	6	22	15	145	41875
16	S & D-3	6	25	42	14	107	37254
17	Tanor E/S	1	0	18	3	127	5230
18	S & D-4	2	6	17	6	0	23334
19	S & D-5	5	8	16	8	20	12711
	O & M Circle, Rajshahi-2						
20	Chapai nowabgonj E/S-1	2	10	50	8	133	22654
21	Chapai nowabgonj E/S-2	1	10	55	7	136	23549
22	Natore E/S	1	9	38	4	34	19761
23	Gomostapur E/S	2	52	247	26	690	19850
24	Shibgonj E/S	1	20	35	9	86	12048
25	Godagari E/S	1	9	95	16	270	17614
	Sub Total	**49**	**329**	**1171**	**263**	**5131**	**643976**
	Rangpur Zone						
	O & M Circle, Rangpur						
1	S & D -1, Rangpur	1	17	15	6	28	24765
2	S & D -2, Rangpur	1	10	0	10	132	29743
3	S & D -3, Rangpur	1	6	18	8	127	13046
4	S & D, Saidpur	2	18	10	13	550	26656
5	S & D, Nilphamari	1	9	15	15	1284	17663
6	Kishorganj E/S	1	0	5	6	48	2895
7	JalDhaka E/S	1	4	22	11	250	6764
8	Domar E/S	3	9	30	42	2467	18521

9	S & D, Kurigram	1	9	8	15	780	19308
10	Dist. Div. Gaibandha	5	9	94	45	2010	35225
11	Palashbari E/S	1	0	25	7	248	6993
12	Gobindoganj E/S	1	9	35	31	279	12815
13	S & D, Lalmonirhat	1	9	35	27	638	18612
14	Kaliganj E/S	1	0	72	32	1767	18296
15	Hatibandha E/S	1	0	48	25	874	11603
16	Patgram E/S	1	0	95	46	2279	15537
	O & M Circle, Dinajpur						
17	S & D-1, Dinajpur	1	5	0	10	108	22970
18	Setabganj E/S	1	9	67	25	365	8002
19	Parbotipur E/S	1	9	122	32	220	10722
20	S & D-2, Dinajpur	1	7	5	12	51	24976
21	Phulbari E/S	1	9	92	29	266	11066
22	S & D, Thakurgaon	1	9	16	35	118	22593
23	S & D, Panchagar	1	9	65	38	340	16968
24	Tetulia E/S	1	0	122	55	471	7034
	Sub Total	**31**	**166**	**1016**	**575**	**15700**	**402773**
	Total	**246**	**1910**	**5735**	**2138**	**45010**	**3118763**

Synopsis of Distribution lines of BPDB

(As of June 2015)

Name of the Divn. /ESU	Name of Sub-station	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
Southern Zone, Chittagong				
O & M Circle, Chatta-Metro (East)				
S & D Pathargahta	Patharghata	19	36	53
S & D Stadium	Stadium	29	77	96
S & D Sholoshar	Sholoshahar	60	90	110
S & D Kalurghat	Kalurghat	22	50	75
	Muradpur	11	26	47
S & D Bakulia	Bakulia	0	112	204
S & D Madarbari	Madarbari	12	55	105
O & M Circle, Chatta-Metro (West)				
S & D Agrabad	Agrabad	33	95	117
S & D Halisahar	Halishahar	18	36	62
	Patenga	10	43	66
S & D Khulshi	Khulshi	9	24	19
	Jalalabad	8	36	33
S & D Pahartali	Pahartali	27	112	161
S & D Rampur	Rampur	21	58	95
S & D Newmoring	Newmoring	18	44	90
O & M Circle, Chatta-Metro (North)				
Dist. Divn. Fouzderhat	Fouzderhat	22	53	100
	Baroaulia	52	42	48
S & D Hathazari	Hathazari	110	106	257
	Nazirhat			
S & D Barabkunda	Barabkunda	27	84	132
S & D Mohara	Madunaghat	17	0	0
	Mohara	10	176	218
O & M Circle, Chatta-Metro (South)				
Dist. Divn. Potiya	Patiya	0	29	49
	Fishharbor	0	31	38
	Sikalbhaha	77	28	41
	Julda	20	16	24
	Sahmirpur	5	0	0
	Dohazari	41	22	68
	Satkania	0	20	54
Dist. Divn. Cox's Bazar	Zilonza	55	158	160
	Kolatoli	10	20	35
	Aziznagar	44	23	7
	Chakaria	65	110	80
O & M Circle, Rangamati				
Dist. Divn. Rangamati	Vedvedi (Rangamati)	91	81	182
	Majerbosti	6	80	143
	Kaptai	16	60	30
	Kaptai (132/11)	65	54	115
	Ghagra	0	90	38
Dist. Divn. Khagraharii	Jalipara	50	129	150
	Ramgarh	65	45	71
	Khagrachari	35	118	296
	Dighinala	22	150	220
	Mohalchari	43	100	110
Dist. Divn. Bandarban	Bandarban	75	162	65
	Kasingghata	2	198	72
Sub Total		**1321**	**3039**	**3934**

Name of the Divn. /ESU	Name of Sub-station	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
Comilla Zone				
O & M Circle, Comilla				
S & D- 1, Comilla	Kotbari	51	40	91
	Kaliajuri	0	133	243
Burichang E/S	Palpara	8	45	105
S & D- 2, Comilla	Balutupa	13	107	228
	Chouddagram	33	32	11
S & D- 3, Comilla	Jangalia	0	37	135
	Daulatgonj	18	38	150
S & D, Chandpur	Balur Math	2	32	100
	Puran Bazar	0	30	82
B. Baria E/S	Kalabaghan	25	0	0
	Datiara	40	96	123
	Ghatura	5	100	68
S & D, Ashuganj	Kalabagan	0	30	32
S & D, Sarail	Shahbazpur	0	40	80
	Kuttapara	10	10	
O & M Circle, Noakhali				
Maijidee E/S	Maijdee	10	15	35
	Datterhat	20	74	165
Chowmuhani E/S	Chamuhani	0	81	189
Hatya E/S	Hatya	0	60	30
S & D, Laxmipur	Laxmipur	75	59	350
S&D.Feni	Mohipal	81	35	200
	Sultanpur	10	40	
Bosurhat E/S	Dagonbuyan	13	25	70
Sub Total		**414**	**1159**	**2487**
Central Zone, Mymensingh				
O & M Circle, Mymensingh S & D- (North)	Akua	27	92	145
	Shambugonj	14	50	85
	Fulpur	30	144	265
	Gauripur	36	97	180
S & D- (South)	Kewatkhali	0	235	165
	Batircal	6	75	90
	Trisal	35	110	95
	Bhaluka	56	160	225
	Akua BiPas	5	35	50
S & D Goffargoan	Goffargoan	54	156	230
Netrokona E/S	Satpai Netrokona	7	75	135
Bhairab E/S	Bhairab	20	105	167
Sherpur E/S	Sherpur	40	295	465
Dist. Divn. Kishorgonj	Josodal	0	115	90
	Mollapara	7	55	25
	Sararchar	45	120	135
O & M Circle, Tangail				
Jamalpur E/S	Bojrapur	133	169	251
	Shekhervita			
Sharishabari E/S	Sharishabari	0	98	85
Ghatail E/S	Ghatail	38	130	368
S & D Shakipur	Shakipur	25	560	867
S & D Bhuapur	Bhuapur	26	98	310
S & D Kalihati	Kalihati	32	62	245
S & D -1 Tangail	Betka	8	218	365
S & D -2 Tangail	Kachuadanga	22	247	668
Sub Total		**666**	**3501**	**5706**

Name of the Divn. /ESU	Name of Sub-station	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
Sylhet Zone				
O & M Circle,Sylhet				
S & D -1	Ambarkhana	10	105	240
	Shekhghat	7	39	128
S & D -2	Upshahar	22	165	280
	Botessor	28	86	260
	MC Collage	10	0	0
-	Ring Feeder	22	0	0
S & D -3	Boroikandi	11	149	350
S & D -4	Kumargaon	1	149	180
S & D Sunamgonj	Sunamgonj	60	60	150
S&D Chatak	Chatak	95	110	390
Derai E/S	Derai	41	90	210
O & M Circle, Moulovibazar				
Jaintapur E/S	Jaintapur	30	68	215
Jogonnathpur E/S	Jogonnathpur	37	110	258
Dist. Div. Moulvibazar	Bagbari	25	128	220
	Shamostafa	45	84	160
S & D Hobigonj	Hobigonj	29	60	320
S & D Kulaura	Kulaura	141	128	688
Sub Total		**574**	**1531**	**4049**
Rajshahi Zone				
O & M Circle, Rajshahi -1				
S & D -1	Talaimari	10	64	150
S & D -2	Horogram	25	142	30
S & D -3	Shalbagan	14	84	145
	Airport	22	154	75
S & D -4	City Central	23	92	106
S & D -5	Katakhali	0	100	175
O & M Circle, Rajshahi -2				
chapai nowabgonj 2	Huzrapur	5	97	99
Chapai nowabgonj 2	Bottola	6	69	75
Gomostapur	Roanpur	35	207	383
Shibgonj	Shibgonj	24	56	66
Godagari	Godagari	25	106	353
Natore ESU	Horispur	5	57	42
	Alaipur			
O & M Circle, Pabna				
S & D -1	Laskaspur	15	60	120
S & D -2	Nurpur	0	32	40
	Shatiani	6	20	40
Ishurdi E/S	Jaynagor	48	46	48
	Patilkhali	8	48	109
Sirajgonj E/S	Bahirgola	8	23	23
	Raypur	12	30	26
	Shahjadpur	30	-	

Name of the Divn. /ESU	Name of Sub-station	33 KV Feeder Length (km)	11 KV Feeder Length (km)	0.4 KV Feeder Length (km)
O & M Circle, Bogra				
S & D -1	Rahmannagar	9	67	90
S & D -2	Shibbati	9	110	135
S & D -3	Puran Bogra	1	74	76
S & D Sherpur	Sherpur	26	101	179
S & D Dupchachia	Dupchachia	30	81	165
Santahar E/S	Kathaltoly	0	63	183
Shibgonj E/S	Shibgonj	0	30	27
Joypurhat E/S	Joypurhat	1	145	251
Naogaon E/S	Kathaltoly	0	50	69
	Baludanga	11	0	0
Sub Total		**406**	**2201**	**3280**
Rangpur Zone				
O & M Circle, Rangpur				
S & D -1, Rangpur	Lalbag	1	138	135
S & D -2, Rangpur	Katkipara	12	77	102
S & D -3, Rangpur	Mahiganj	10	77	86
S&D Sayedpur	Golahat	5	41	50
	Niamotpur	20	82	162
S&D Kurigram	Kurigram	32	70	145
S&D Nilphamari	Nilphamari	22	312	390
Jaldhaka E/S	Jaldhaka	23	40	27
Domar E/S	Domar	22	140	112
Patgram E/S	Doani, Patgram	30	430	55
Hatibandha E/S	Hatibandha	16	60	40
Kishorganj E/S	-	-	25	18
Kaliganj E/S	Kaligonj	40	65	520
S & D, Lalmonirhat	Lalmonirhat	1	70	620
Dist. Divn. Gaibandha	Gaibandha	30	117	70
	BSCIC	25	25	38
Gobindoganj E/S	Gobindoganj	25	27	108
Palashbari E/S	Palashbari	0	27	26
O & M Circle, Dinajpur				
S & D -1	Fakirpara-1	18	65	141
Parbotipur E/S	Parbotipur	35	35	6
Setabganj E/S	Setabgonj	24	20	33
S & D -2	Balubari	25	25	250
Phulbari E/S	Phulbari	15	89	35
S&D Thakurgaon	Goalpara	10	21	136
	DPS	1	17	29
S&D Panchagar	Panchagar	47	196	88
Tetulia E/S	Tetulia	38	85	15
Sub Total		**525**	**2376**	**3437**
Total		**3905**	**13806**	**22892**

33/11 KV Sub-stations of BPDB

(As of June 2015)

Sl. No.	Name of the Division	Name of the 33/11 KV Sub-station	Capacity (MVA)	Maximum Demand (MW)
	Southern Zone, Chittagong			
	O & M Circle, Chatta-Metro (East)			
1	S & D Patharghata	Patharghata	2x16/20	33.5
2	S & D Stadium	Stadium	3x16/20	30
3	S & D Sholoshar	Sholoshar	1x16/20	36
			2x16	
4	S & D Kalurghat	Kalurghat	1x16/20	34
			1x16	
		Muradpur	2x16/20	34
5	S & D Bakalia	Bakalia	2x16/20	33.5
6	S & D Madarbari	Madarbari	2x16/20	27
	O & M Circle, Chatta-Metro (West)			
7	S & D Agrabad	Agrabad	2x16/20	38
8	S & D Halisahar	Halisahar	2x16/20	23
		Patenga	2x16/20	10
9	S & D Khulshi	Khulshi	2x16/20	28
		Jalalabad	2x16/20	23
10	S & D Pahartali	Pahartali	2x16/20	35
11	S & D Newmooring	Newmooring	2x16/20	30
12	S & D Rampur	Rampur	2x16/20	27.5
	O & M Circle, Chatta-Metro (North)			
13	Dis. Div. Fouzderhat	Baroulia	2 x 16/20	40
		Fouzderhat	2 x 16/20	40
14	S & D, Hathazari	Hathazari	16/20	13.3
			10/13.33	6.1
15	S & D Barabkunda	Barabkunda	2 x 16/20	23
		Mohara	2 x 16/20	18.5
16	S & D Mohara	Rangunia Sub Station	1 x 5	3
	O & M Circle, Chatta-Metro (South)			
17	Dist. Divn. Patiya	Patiya	2x10/12	7.5
		Fishharbor	2x10	16
		Julda	2x16/20	3
		Shikalbaha	1x16/20	7
		Dohazari	1x16/20	4.5
		Satkania	1x5	3.5
		Zilonza	2x16/20	26
18	Dist. Divn. Cox's Bazar	Chakaria	1x10/13	8
		Aziznagar	1x5/6.5	1.5
		Kolatoli	2x10/13.33	12
	O & M Circle, Rangamati			
19	Dist. Divn. Rangamati	Vedvedi (Rangamati)	2x5	4.5
		Majerbosti	1x10	5
		Kaptai	2x3	1
		Ghagra	1x6.65	2.5
		Kaptai (132/11)	1x20	6
		Chandraghona	33/0.4 KV	2
20	Dist. Divn. Khagrachari	Khagrachari	3x1.667	6.75
		Dighinala	3x1.667	4
		Mohalchari	3x1.667	2
		Jalipara	3x1.667	3
		Ramghar	3x1.667	4
21	Dist. Divn. Bandarban	Adjacent to Office	5MVA	5
		Kasing Ghata	3X1.667MVA	3.5
	Sub Total	**44**	**935/1129**	**724.65**

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
	Comilla Zone			
	O & M Circle,Comilla			
22	S & D-1, Comilla	Kotbari	3x10/10.33	20
		Kaliajori	3x10/13.33	19
23	Burichang E/S	Palpara	1x5	2
24	S & D-2, Comilla	Balutupa	3x10/13.33	20
		Chouddagram	1x3 1x5	6
25	S & D-3, Comilla	Jangalia	2x10/13.33 1x16/20	20
26	S & D Daulatgonj	Daulatgonj	1x10/13.33 1x5	14
27	S & D, Chandpur	Balur Math	2x10/13.33	15
		Puran Bazar	1x10/13.33	9
28	B.Baria E/S	Datiara	1x10/13.33 1x16/20	25
		Ghatura	2x10/13.33	20
29	Ashugonj E/S	Kalabagan	2x10/13.33	18
30	Sarail E/S	Shabazpur	2x5	6
		Kuttapara	2x10/13.33	8
	O & M Circle, Noakhali			
31	S & D Feni	Mohipal	3x10/13.33	20
		Sultanpur	1x10/13.33	7
32	Bosurhat E/S	Dagonbuyan	2x10/13.33	12
33	Maijdee E/S	Maijdee	2x10/13.33	15
		Datterhat	1x10/13.33	18
34	S & D Chamuhani	Chamuhani	2x10/13.33	18
35	S & D, Laxmipur	Laxmipur	2x10/13.33	9
	Sub Total	**21**	**410/535**	**301**
	Central Zone, Mymensingh			
	O & M Circle, Mymenshingh			
36	S & D (North)	Akua	2x10/13.33	16
		Batircal	10/13.33	8
		Shambuganj	2X5/6.67	8
		Fulpur	2x5/6.67 + 1x2.5	12
		Gauripur	2x5/6.67	8
37	S & D -(South)	Kewatkhali	3x10/13.33	22
		Batircal	2x10/13.33	16
		Bypass	2x10/13.33	16
		Trisal	2x5/6.67	7
		Bhaluka	2x10/13.33	9
38	S & D Goffargoan	Goffargoan	3x5/6.67	18
39	S&D Netrokona	Satpai Netrokona	2x10/13.33	12
40	S&D Bhairab	Bhairab	2x10/13.33	20
41	S&D Sherpur	Sherpur	1x10/13.33 1x16/20	28
42	Dist. Divn. Kishoregonj	Josodal	1x10/13.33	10
		Mollapara	2x10/13.33	7
		Sararchar	1x10/13.33	8
	O & M Circle, Tangail			
43	S & D-1 Tangail	Batka	3x10/13.33	24
44	S & D-2 Tangail	Kachuadanga	2x10/13.33	19
45	S & D Bhuapur	Bhuapur	3x5	12
46	Ghatail E/S	Ghatail	2x10/13.33	22
47	S & D Khalihati	Kalihati	3x5 & 1x10/13.33	16
48	S & D Shakipur	Shakipur	2x6.65, 2x5	25
49	Jamalpur E/S	Bojrapur	1x10/13.33	4
		Shekhervita	2x10/13.33	12
50	Sharishabari E/S	Sharishabari	1x5, 1x6.6	8
	Sub Total	**26**	**458/587**	**367**

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
	Sylhet Zone			
	O & M Circle, Sylhet			
51	S & D 1 Sylhet	Ambarkhana	4x10/13.33	24
		Shekhghat	2x10/13.33	13
52	S & D 2 Sylhet	Upashahar	3x10/13.33	24
		MC Collage	2x10/13.33	Waiting for Power up
		Botessor	2x10/13.33	20
53	S & D 3	Boroikandi	3x10/13.33	19
54	S & D 4	Kumargaon	2x10/13.33	22
55	S & D Sunamgonj	Sunamgonj	2x10/13.33	12
56	S & D Chatak	Chattak	1x10/13.33	15
57	Derai E/S, Sunamganj	Derai	1x5	5
	O & M Circle, Moulovibazar			
58	Jogonnanthpur E/S	Jogonnanthpur	2x5	6
59	Jaintapur E/S	Boteshor (Jaintapur)	-	5
60	Dist. Divn. Moulovibazar	Bajbari	2x10/13.33	6
		Moulovibazar-2	2x10/13.34	8
61	S & D Hobigonj	Hobigonj	3x10/13.33	14
62	S & D, Kulaura	Kulaura	2x5	14
	Sub Total	**16**	**305 / 398**	**207**
	Rajshahi Zone			
	O & M Circle, Rajshahi-1			
63	S & D -1	Talaimari	3x10/13.33	17
64	S & D -2	Horogram	2x20/26.67	19.2
65	S & D -3	Shalbagan	2x10/13.33	17.5
		Airport	2x10/13.33	9
66	S & D -4	City Central	2x20/26.67	16.5
67	S & D -5	Katakhali	2x10/13.33	8.5
	O & M Circle, Rajshahi-2			
68	Chapai Nowabgonj-1	Hujrapur	2x10/13.33	17.5
69	Chapai Nowabgonj-2	Bot Talar Hat	2x10/13.33	15
70	Gomostapur	Rohanpur	1x5 & 1x10/13.33	9
71	Shibgonj	Shibgonj	1x5	3.8
72	Godagari	Godagari	15	9
73	Natore	Horispur	2x10/13.33	5
		Alaipur	2x10/13.33	5
	O & M Circle, Pabna			
74	S & D-1	Lashkarpur	2x10/13.33	14
75	S & D-2	Noorpur	1x10/13.33	18
		Satiani	2x10/13.33	
76	Ishurdi E/S	Joynagor	2x10/13.33	22.2
		Patillakhali	2x10/13.33	
		EPZ	4x1.67	
77	Sirajgonj E/S	Bahirgola	2x10/13.33	24.5
		Raypur	2x10/13.33	

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
	O & M Circle, Bogra			
78	S & D-1	Rahman Nagar	2x10/13.33	18.5
79	S & D-2	Shibbati	3x10/13.33	23
80	S & D-3	Puran Bogra	3x10/13.33	32
81	S & D Sherpur	Sherpur	1x10/13.33 & 2x5	16
82	S & D Dupchachia	Dupchachia	4x5/6.67	20
83	S & D Santahar	-	-	0
84	Shibganj E/S	-	-	0
85	Joypurhat E/S	Joypurhat	2x10/13.33	11.5
86	Naogaon E/S	Kathaltoly	4x10/13.33	36
		Baludanga	2x10/13.33	3.5
	Sub Total	**29**	**622/830**	**391**
	Rangpur Zone			
	O & M Circle, Rangpur			
87	S & D-1	Lalbag	2x10/13.33	16
88	S & D-2	Katkipara	2x16/20	24
89	S & D-3	Mahiganj	2x10/13.33	8
90	S &D Sayedpur	Golahat	1x10/13.33	8
		Niamotpur	2x10/13.33	14
91	Dist. Divn. Gaibandha	Gaibandha	2x10/13.33	14
92	Gobindogonj E/S	Gobindogonj	1x5/6.67, 2.5, 3x1.667	8
93	Palashbari E/S	Palashbari	1x5/6.67	3
94	S & D Kurigram	Kurigram	2x5/6.67	8
95	S&D Nilphamari	Nilphamari	1x5/6.67	11
			1x10/13.33	
96	Domar E/S	Domar	2x5/6.67	11
			3x1.667	
97	Jaldhaka E/S	Jaldhaka	1x5/6.67	4
			1x2.5	
98	Patgram E/S	Patgram	2x5/6.67	6
99	Kaligonj E/S	Kaligonj	3x5/6.67 1x1.667	9
100	Hatibandha E/S	Hatibandha	2x5/6.67	7
101	S &D Lalmonirhat	Lalmonirhat	2x5/6.67, 3x1.667	10
	O & M Circle, Dinajpur			
102	S & D-1	Fakirpara	2x10/13.33	13
103	Parbatipur E/S	Parbatipur	2x5/6.67	6
104	Setabganj E/S	Setabganj	1x5/6.67	6
			3x1.67	
105	S & D-2	fakirpara	2x10/13.33	15
106	Phulbari E/S	Phulbari	2x5/6.67	4
107	Dist. Div. Thakurgaon	Goalpara	2x10/13.33	10
		DPS	2x5/6.25	3
108	S&D. Panchagar	Panchagar	2x10/13.33	10
109	Tetulia E/S	Tetulia	1x5/6.67	5
	Sub Total	**25**	**373/500**	**233**
	Total	**161**	**3103/3980**	**2224**

Distribution Transformer of BPDB

(As of June 2015)

Name of ESU / Division	11/0.4 KV Transformer									
	1000 KVA (Nos.)	500 KVA (Nos.)	315 KVA (Nos.)	300 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	Total Capacity (MVA)
Sothern Zone, Chittagong										
O & M Circle, Chatta-Metro (East)										
S & D Patharghata	0	0	1	0	203	54	16	0	0	63.47
S & D Stadium	0	0	2	0	131	46	19	0	2	45.51
S & D Sholoshar	0	0	0	0	179	70	22	0	0	60.95
S & D Kalurghat	0	0	0	0	167	52	12	0	0	53.35
S & D Bakalia	0	0	0	0	133	40	23	0	0	43.55
S & Madarbari	0	1	0	0	116	47	7	0	0	39.6
O & M Circle, Chatta-Metro (West)										
S & D Agrabad	0	0	0	0	208	31	23	0	0	60.5
S & D Halisahar	0	0	0	0	110	24	20	0	4	34.31
S & D Khulshi	0	0	0	0	147	40	28	0	0	47.55
S & D Pahartali	0	0	0	0	199	50	22	0	0	61.95
S & D Rampur	0	0	0	0	143	18	16	0	0	38.9
S&D Newmooring	0	0	0	0	127	36	11	0	2	40.1
O & M Circle, Chatta-Metro (North)										
DD- Fouzderhat	0	0	0	0	68	65	35	0	40	38
S & D, Hathazari	0	0	0	2	61	44	76	2	5	31.84
S & D, Barabkunda	0	0	0	0	44	28	25	1	2	19.18
S & D Mohara	0	0	0	0	39	58	34	1	0	24.75
O & M Circle, Chatta-Metro (South)										
Dist. Divn. Patiya	0	0	1	0	112	90	72	2	0	53.42
Dist. Divn. Cox's Bazar	0	0	0	0	98	78	134	60	0	56.5
O & M Circle, Rangamati										
Dist. Divn. Rangamati	0	0	11	1	7	53	176	28	71	32.817
Dist. Divn. Khagrachari	1	1	2	0	16	48	221	52	65	40.21
Dist. Divn. Bandarban	0	0	0	0	9	32	82	24	18	18.266
Sub Total	**1**	**2**	**7**	**3**	**2317**	**1004**	**1074**	**170**	**209**	**905**
Comilla Zone										
O & M Circle, Comilla										
S & D-1, Comilla	0	0	0	0	47	87	136	0	2	42.77
S & D-2, Comilla	0	0	0	0	39	124	56	0	0	40.15
S & D-3, Comilla	0	0	0	0	18	74	95	0	0	26.75
S & D, Chandpur	0	0	0	0	6	87	64	0	2	26.7
Dist. Divi. B-Baria	0	0	0	0	39	177	114	0	0	56.55
Burichang E/S	0	0	0	0	6	12	34	0	0	7.3

Name of ESU / Division	11/0.4 KV Transformer									
	1000 KVA (Nos.)	500 KVA (Nos.)	315 KVA (Nos.)	300 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	
Chauddagram E/S	0	0	0	0	10	23	26	0	0	9.7
S & D, Daulatganj	0	0	0	0	9	41	49	0	0	15.35
S & D, Sarail	0	3	0	0	15	65	60	0	0	24.25
S&d, Ashugonj	0	5	0	0	69	105	68	0	0	47.55
O & M Circle, Noakahli										
Dist. Divn. Noakhali	0	0	0	0	33	97	72	1	2	35.5
S & D, Chaumuhini	0	0	0	0	35	44	59	0	0	31.05
S&D-Feni	0	0	0	0	35	109	97	0	0	39
Bashurhat E/S	0	0	0	0	11	28	27	1	0	11.1
S&D-Laxmipur	0	0	0	0	20	28	53	0	0	15.9
SubTotal	**0**	**8**	**0**	**0**	**392**	**1101**	**1010**	**2**	**6**	**430**
Central Zone, Mymensingh										
O & M Circle, Mymensingh										
S & D-1(N)	0	0	0	0	81	73	121	3	8	47.1
S & D -2 (S)	0	1	0	0	129	242	240	6	0	105.35
S & D ,Goffargoan	0	0	0	0	25	80	190	1	0	45.05
S & D Bhairab	0	0	0	0	12	118	47	0	0	30.2
Dist. Divi. Kishorgonj	0	1	0	0	20	70	97	4	0	23.6
Dist. Divi. Sherpur	0	0	0	0	87	177	185	21	17	78.145
S & D Netrokona	0	2	0	0	7	49	55	0	0	19.75
O & M Circle, Tangail										
S & D, Jamalpur	0	0	0	0	27	770	79	3	9	29.85
Sharishabari	0	0	0	0	10	35	15	0	5	11.25
S & D Ghatail	0	0	0	0	80	73	28	2		37.5
S & D Shakhipur	0	0	0	0	45	148	330	14	84	76.65
S & D Bhuapur	0	0	0	0	30	54	75	2		25.9
S & D Khalihati	0	0	0	0	41	96	165	5	0	46.2
S & D-1 Tangail	0	0	0	0	90	96	74	1		49.15
S & D-2 Tangail	0	0	0	0	25	73	56	0		26.45
Sub Total	**0**	**4**	**0**	**0**	**709**	**1454**	**1757**	**62**	**123**	**652**
Sylhet Zone										
O & M Circle, Sylhet										
S & D 1	0	10	0	0	99	216	153			88.25
S & D 2	0	0	0	0	111	142	98	10		66.45
S & D 3	0	2	0	0	26	96	139	6	31	41.67
S & D 4	0	0	0	0	30	75	85		4	31.1
S & D Sunamganj	0	0	0	0	20	40	70	2	2	20.15
S & D Chatak	0	1	0	0	22	84	48	1	26	28.3
Derai E/S	0	0	0	0	17	26	41	2	13	13.97

Name of ESU / Division	11/0.4 KV Transformer									
	1000 KVA (Nos.)	500 KVA (Nos.)	315 KVA (Nos.)	300 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	Total Capacity (MVA)
O & M Circle, Moulovibazar										
Dist. Divi. Moulovibazar	0	0	0	0	34	44	47		1	22.06
S & D Hobigonj	0	0	0	0	45	50	30		125	27.37
S & D Kulaura	0	4	0	0	18	70	79		35	36.1
Jogonnathpur E/S	0	0	0	0	23	64	115	8	45	31.35
Jaintapur E/S	0	1	0	0	12	64	101	3	36	27.45
Sub Total		**18**	**0**	**0**	**457**	**971**	**1006**	**32**	**318**	**434**
Rajshahi Zone										
O & M Circle, Rajshahi-1										
S & D-1, Rajshahi	0	0	0	0	35	36	66	5	0	22.8
S & D-2, Rajshahi	0	6	0	0	64	62	164	3	2	48
S & D-3, Rajshahi	0	0	0	0	63	90	166	2	8	50.935
S & D-4, Rajshahi	0	1	4	0	80	73	31	0	8	42.245
S & D-5, Rajshahi	0	7	0	0	11	11	93	2	27	18.12
O & M Circle, Rajshahi-2										
Chapai Nowabgonj-1	0	0	0	0	54	70	129	5	120	41.85
Chapai Nowabgonj-2	0	0	0	0	11	44	51	2	1	16.825
Gomostapur	0	0	0	0	10	34	70	7	0	16.15
Godagari	0	0	0	0	10	20	47	1	24	11.49
Natore	0	0	0	0	35	34	38	15	0	20.1
Shibgonj	0	0	0	0	14	23	19	1	1	10.065
O & M Circle, Bogra										
S & D-1	0	1	0	0	32	70	58	1	1	30
S & D-2	0	1	0	0	43	88	86	1	0	37.75
S & D-3	0	2	0	0	47	104	147	1	3	51.16
S & D Sherpur	0	0	0	0	27	85	87	0	59	42.45
S & D Dupchachia	0	4	0	0	17	63	61	0	2	26.065
S & D Santahar	0	0	0	0	0	0	0	0	0	0
Shibganj E/S	0	0	0	0	0	0	0	0	0	0
Joypurhat E/S	0	1	0	0	32	20	37	1	0	16.25
Naogaon E/S	0	0	0	0	40	201	218	3	1	70.05
O & M Circle, Pabna										
S & D-1	0	0	0	0	29	81	55	0	0	28.95
S & D-2	0	0	0	0	27	86	66	2	0	30.65
Ishurdi E/S	0	8	0	0	35	106	91	0	19	53.48
Sirajgonj E/S	0	1	0	0	28	128	76	0	0	38.85
Sub Total		**32**	**4**	**0**	**744**	**1529**	**1856**	**52**	**276**	**724**

Name of ESU / Division	11/0.4 KV Transformer									
	1000 KVA (Nos.)	500 KVA (Nos.)	315 KVA (Nos.)	300 KVA (Nos.)	250 KVA (Nos.)	200 KVA (Nos.)	100 KVA (Nos.)	50 KVA (Nos.)	Others KVA (Nos.)	Total Capacity (MVA)
Rangpur Zone										
O & M Circle, Rangpur										
S & D -1, Rangpur	0	1	0	0	38	70	55	3	0	29.55
S & D -2, Rangpur	0	0	0	0	60	75	75	0	0	37.5
S & D -3, Rangpur	0	1	0	0	19	32	34	0	0	14.95
S & D, Saidpur	0	0	0	0	40	95	48	1	0	33.85
S & D, Nilphamari	0	0	0	0	28	38	22	0	0	16.8
Kishorganj E/S	0	0	0	0	1	6	15	1	0	3
JalDhaka E/S	0	0	0	0	2	7	20	2	0	4
Domar E/S	0	0	0	0	11	30	65	2	0	15.35
S & D, Kurigram	0	0	0	0	7	30	38	2	0	11.65
Dist. Div. Gaibandha	0	0	0	0	45	95	65	3	0	36.9
Palashbari E/S	0	0	0	0	4	18	12	0	0	5.8
Gobindoganj E/S	0	0	0	0	5	42	18	2	0	11.55
S & D, Lalmonirhat	0	0	0	0	7	75	17	3	0	18.6
Kaliganj E/S	0	0	0	0	2	67	50	1	0	18.95
Hatibandha E/S	0	0	0	0	9	18	25	4	0	8.55
Patgram E/S	0	0	0	0	6	20	60	0	0	11.5
O & M Circle, Dinajpur										
S & D-1, Dinajpur	0	0	0	0	19	50	42	1	0	19
Setabganj E/S	0	0	0	0	5	46	40	4	0	14.65
Parbotipur E/S	0	0	0	0	2	19	18	0	0	6.1
S & D-2, Dinajpur	0	0	0	0	18	86	24	4	0	24.3
Phulbari E/S	0	0	0	0	9	24	10	0	0	8.05
S & D, Thakurgaon	0	0	0	0	18	36	75	5	0	19.45
S & D, Panchagar	0	0	0	0	17	32	34	0	0	14.05
Tetulia E/S	0	0	0	0	8	20	37	0	0	9.7
Sub Total		**2**	**0**	**0**	**380**	**1031**	**899**	**38**	**0**	**394**
Total		**66**	**11**	**3**	**4999**	**7090**	**7602**	**356**	**932**	**3539**

DISTRIBUTION SUMMARY

Sl. No.	Particulars	South zone (Chittagong)	South zone (Comilla)	North Zone (Rajshahi)	North Zone (Rongpur)	Central Zone (Mymensingh)	Central Zone (Sylhet)	Total
1.	33/11 kV Sub-station Capacity (MVA)	935/1129	410/535	622/830	373/500	458/587	305 / 398	3103/3980
2.	Distribution Lines (k.m)	8,293	4,060	5,886	6,337	9,873	6,153	4,0603
3.	Total no. of Consumers	7,67,218	4,02,280	6,43,976	4,02,773	6,07,621	2,94,895	31,18,763
4.	Distribution System Loss (%)	9.98	11.10	11.50	13.62	14.28	13.67	11.17

Prize giving ceremony of cultural competition of BPDB.

SYNOPSIS OF CHITTAGONG P. C. POLE MANUFACTURING PLANT

Details	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
1. Nos. of poles manufactured																		
i) 33 kV poles a) 15 x 220	311	981	1,596	842	1,146	1,040	438	1,160	1,071	738	860	1,152	515	959	1,000	1,078	896	1,724
b) 15 x 190	524	163	298	716	676	723	564	1,256	1,901	600	582	499	1322	1929	1115	1110	1390	3430
ii) 11 kV poles 12 x 190	1,581	3,334	4,397	5,471	5,913	9,697	10,185	7,055	6,680	7,884	7,678	3,075	9,698	7379	10000	7784	6387	6565
iii) 0.4 kV poles 9 x 140	5,222	3,548	3,723	6,793	6,639	12,654	9,430	7,825	9,474	7,808	7,285	2,153	4,603	4743	1889	5075	7384	7790
2. Cost per no. of pole (Tk.)																		
i) 33 kV poles a) 15 x 220	20,000	20,000	20,000	16,821	16,821	16,821	20,185	23,180	23,180	23,180	31,650	35,740	35,740	35,740	35740	35740	40897	40897
b) 15 x 190	17,000	17,000	17,000	15,150	15,150	15,150	18,180	20,908	20,908	20,908	27,833	32,353	32,353	32,353	32353	32353	36374	36374
ii) 11 kV poles 12 x 190	14,400	14,400	14,400	11,005	11,005	11,005	13,206	15,119	15,119	15,119	18,891	20,383	20,383	20,383	20383	20383	23295	23295
iii) 0.4 kV poles 9 x 140	7,000	7,000	7,000	5,885	5,885	5,885	7,062	7,902	7,902	7,902	8,310	8,629	8,629	8,629	8629	8629	9885	9885
3. Production Capacity (Nos.)																		
i) 33 kV poles a) 15 x 220	800	1,000	600	800	1,500	1,000	460	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1000	1000	1000	2000
b) 15 x 190	1,000	500	500	700	800	600	600	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1500	1500	1500	3000
ii) 11 kV poles 12 x 190	4,000	4,000	5,000	4,000	8,400	8,400	10,725	7,500	7,500	7,500	7,500	7,500	7,500	7,500	10000	10000	10000	10000
iii) 0.4 kV poles 9 x 140	5,300	4,000	4,000	4,500	9,300	10,000	9,900	8,500	8,500	8,500	8,500	8,500	8,500	8,500	7500	7500	7500	5000
4. Use of production capacity (%)	68.81	84.48	99.15	138.22	71.87	120.57	95.07	86.84	95.63	85.45	82.03	34.39	80.69	75.05	70.02	75.23	80.28	97.54

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

SYNOPSIS OF ARICHA P. C. POLE MANUFACTURING PLANT

Details	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	FY2009	FY2010	FY2011	FY2012	FY2013	FY2014	FY2015
1. Nos. of poles manufactured																		
i) 33 kVpoles 22.5x230	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----
15x230	61	----	17	39	----	----	----	----	----	----	----	----	----	----	----	----	----	----
ii) 11 kV poles 12x230	751	240	720	1,450	3,449	4,007	3,508	2,722	1,338	2,238	1,583	929	1429	1630	1381	791	1425	2728
11x230	4,300	3,416	3,674	5,090	6,884	5,162	5,170	6,673	3,790	3,852	729	836	1198	1037	1361	625	1545	2551
iii) 0.4 kV poles 9 M	4,022	3,371	4,640	6,501	12,046	14,859	12,342	10,610	8,009	9,912	4,691	3286	3219	4261	6268	3141	5170	7729
2. Cost per no. of pole (Tk.)																		
i) 33 kV poles 22.5 M	---	---	---	39,014	39,014	39,014	39,014	45,589	---	---	---	---	---	---	---	---	---	---
15 M	15,880	16,516	20,550	21,246	21,246	21,246	21,246	24,816	24,816	28,119	41,669	36713	---	---	---	---	---	---
ii) 11 kV poles 12 M	10,642	10,868	13,802	14,197	14,197	14,197	14,197	15,783	15,783	17,328	24,486	21574	21574	21574	21574	21574	22512	22512
11 M	9,400	9,634	12,385	12,652	12,652	12,652	12,652	13,910	13,910	15,313	21,066	18560	18560	18560	18560	18560	19579	19579
iii) 0.4 kV poles 9 M	4,501	4,669	6,072	6,262	6,262	6,262	6,262	6,694	6,694	7,074	9,558	8421	8421	8421	8421	8421	9065	9065
3. Production Capacity (Nos)																		
i) 33 kV poles 22.5 M	---	---	---	25	25	25	25	25	---	---	---	---	---	---	---	---	---	---
15 M	300	100	300	300	340	200	200	200	---	---	---	---	---	---	---	---	---	---
ii) 11 kV poles 12 M	1,500	1,500	900	900	2,000	3,000	3,000	3,000	4,000	4,000	4,000	4000	3000	3000	3000	3000	3000	3000
11 M	4,000	4,000	4,000	4,000	8,000	5,000	5,000	5,775	5,000	5,000	5,000	5000	2000	2000	2000	2000	2000	2000
iii) 0.4 kV poles 9 M	4,200	4,400	4,800	4,800	9,660	11,000	11,000	11,000	11,000	11,000	11,000	11000	5000	5000	5000	5000	5000	5000
4. Use of production capacity (%)	91.34	70.27	90.51	130.80	111.90	120.14	105.10	100.03	65.68	80.01	35.01	25.26	58.46	69.28	90.10	70.6	81.4	130.08

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

Chapter-5

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. Besides own generation, BPDB also purchase electricity from the Private Companies generally termed as IPP(Independent Power Producer), Rental power plant and Public power plant to meet the growing demand. In the FY 2014-2015, Generation cost of BPDB's own plant and Electricity purchase Costs are shown in 'Table -A' with compare to the preceding year.

Table-A

Particulars	FY 2014-15		FY 2013-14		Increase/ (Decrease)
	Amount (Crore Tk.)	Cost (Tk/kWh)	Amount (Crore Tk.)	Cost (Tk/kWh)	
i. BPDB's Generation	5427.68	4.73	6,032.86	4.66	(10.03)%
ii. Purchase from IPP	6,131.33	6.32	4,463.38	4.96	37.37%
iii. Purchase from Rental	8,774.78	8.90	9,750.34	10.12	(10.01)%
iv. Purchase from Public Plant	3,365.59	3.62	2,272.42	3.57	48.11%
v. Purchase from India	1,900.37	5.62	1,145.74	5.06	65.86%
vi. Interest on budgetary support	780.66	0.18	617.71	0.15	26.38%
vii. Provision for Maintenance and Development fund	1,034.35	0.24	956.99	0.24	8.08%
Total	**27,414.76**	**6.27**	**25,239.44**	**6.28**	**8.62%**
Energy Sales	**20,492.13**		**18,637.06**		**9.95%**

It shows that Energy purchase from IPP, Public plant & Import from India have increased by 37.37%, 48.11%, 65.86% respectively and BPDB's own generation cost and Energy purchase from Rental Plants decreased by 10.03% & 10.01%, respectively, compared to FY 2013-2014. Chart-1 shows the comparative generation picture.

Cost of Electricity Generation and Purchase

Amount in Crore Taka

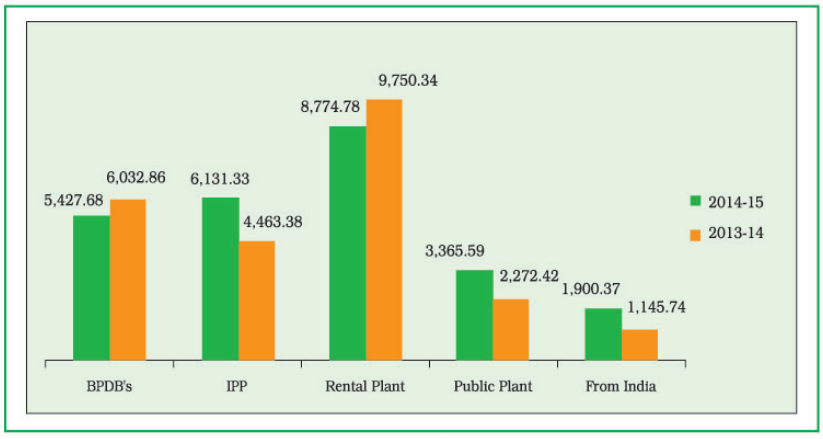


Chart-1

During the financial year 2014-2015 amount of sales to BPDB's own consumers, DPDC, DESCO, WZPDCL & REB and the collected amount against sales are given bellow:

Table-B

Particulars Sales	Sales (Crore Tk.)	Collection (Crore Tk.)	FY-2014-15 (% of collection on sales)	FY-2013-14 (% of collection on sales)	Increase / (Decrease)
PDB's own Consumer	5,702.44	5,452.86	95.62%	94.49%	1.13%
DPDC	4,111.86	3,754.67	91.31%	86.81%	4.50%
DESCO	2,335.48	2,309.07	98.87%	97.59%	1.28%
WZPDCL	1,143.43	1,121.36	98.07%	98.03%	0.04%
REB	7,198.92	7,050.67	97.94%	97.57%	0.37%
Total	**20,492.13**	**19688.63**	**96.08%**	**94.52%**	**1.56%**

During the financial year 2014-2015 sales to BPDB's own consumer, DPDC, DESCO, WZPDCL and REB Taka 5,702.44 crores 4,111.86 Crores, 2,335.48 Crores, 1,143.43 Crores and 7,198.92 Crores respectively against which collected amount was 5,452.86 Crore, 3,754.67 Crore, 2,309.07 Crore, 1,121.36 Crore and 7,050.67 Crore respectively. The percentage of collection against sales is only 95.62%, 91.31%, 98.87%, 98.07% and 97.94% of billed amount respectively. Chart-2 shows the comparative collection over sales.

Comparative collection over sales

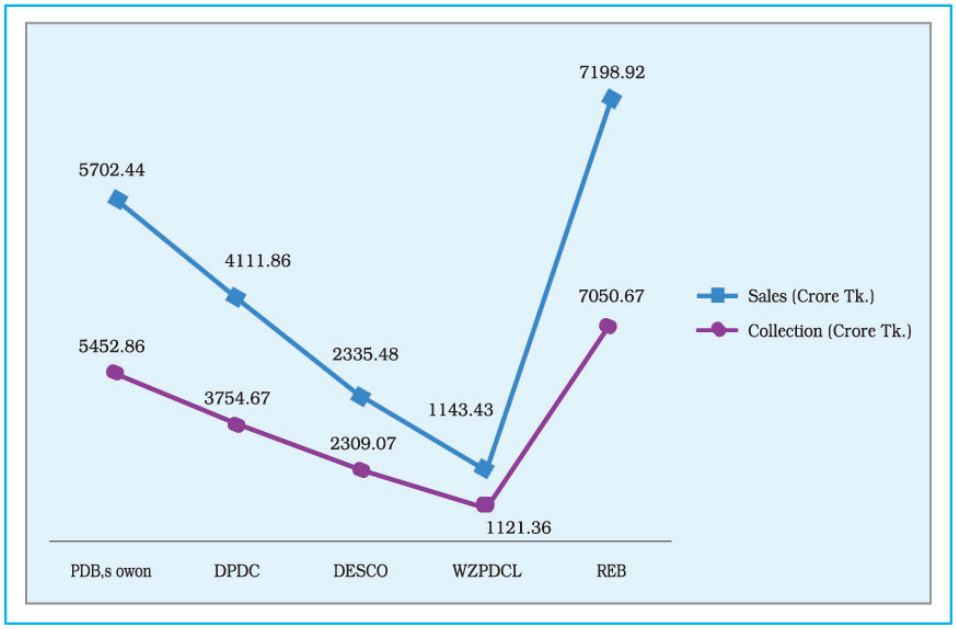


Chart-2

A comparison of the Operating income and operating expenses for FY 2014-2015 and FY 2013-2014 is shown below:

Table-C

Amount in Crore Taka

Head of Accounts	FY 2014-2015	FY 2013-2014	Amount increase/ (Decrease)	Percentage of increase/(Decrease)
Operating Revenue (1)	**21,187.63**	**19,428.76**	**1,758.87**	**9.05%**
Sale of Electricity	20,492.13	18,637.05	**1,855.08**	**9.95%**
Other Non-Operating Revenue	695.51	791.71	**(96.20)**	**(12.15)%**
Operating Expenses (2)	**26,462.41**	**24,478.90**	**1,983.51**	**8.10%**
Fuel Cost	3,586.87	4,192.67	**(605.80)**	**(14.45)%**
Generation Expenses (Excluding fuel cost)	1,524.77	1,582.37	**(57.60)**	**(3.64)%**
Electricity purchase from IPP	6,131.33	4,463.38	**1,667.95**	**37.37%**
Electricity purchase from RENTAL	8,774.78	9,750.34	**(975.56)**	**(10.01)%**
Electricity purchase from Public Plant	3,365.59	2,272.42	**1,093.17**	**48.11%**
Electricity purchase from India	1,900.37	1,145.74	**754.63**	**65.86%**
Wheeling Charge to PGCB	201.82	184.90	**16.92**	**9.15%**
Distribution & Coml. Expenses	745.07	697.01	**48.06**	**6.90%**
General & Administrative Expenses	231.81	190.07	**41.74**	**21.96%**
Operating Profit/(Loss) = (1-2)	**(5,274.78)**	**(5,050.14)**	**(224.64)**	**4.45%**

Table-C shows that sale of electricity has increased by 9.95% and Other Non-Operating Revenue has decreased by 12.15% respectively over FY 2013-2014. The cost of fuel for generation and other generation expense has decreased by 14.45% and 3.64% respectively over FY 2013-2014. The total operating expenses has increased by 8.10%.

Table-C also shows that each component of the operating expenses have increased except Electricity purchase from Rental plant which is decreased by 10.01%. Operating Loss for the year 2014-2015 has increased by 4.45%.

STATEMENT OF TARGET AND ACHIEVEMENT FOR THE YEAR 2014-2015

Amount in Lac Taka

PARTICULARS	Target	Achievement	% Of Achievement	Favorable (F)/ Adverse (A)
REVENUE				
Electricity Sales	2,120,810.72	2,049,212.70	96.62%	A
Other Non-Operating Income	64,195.00	69,550.65	108.34%	F
Total Operating Revenue	**2,185,005.72**	**2,118,763.35**	**96.97%**	**A**
Operating Expenses				
Fuel Cost - Gas	94,865.00	83,822.11	88.36%	F
Diesel/Furnace oil Used for Electricity Generation	315,781.00	232,317.03	73.57%	F
Coal Used for Electricity Generation	45,722.00	42,548.27	93.06%	F
Electricity Purchase From IPP	672,772.00	613,132.73	91.14%	F
Electricity Purchase From Rental	880,561.00	877,478.48	99.65%	F
Electricity Purchase From India	198,713.00	190,037.33	95.63%	F
Electricity Purchase From Public Plant	337,221.00	336,558.83	99.80%	F
Maintenance & Development Expenses	109,646.00	103,434.70	94.34%	F
Depreciation	121,077.00	117,924.72	97.40%	F
Repair & Maintenance	52,433.00	43,991.16	83.90%	F
Personnel Expenses	82,341.70	77,551.82	94.18%	F
Office and Administrative Expenses	19,310.00	10,697.44	55.40%	F
Transmission charge paid to PGCB	20,000.00	20,181.51	100.91%	A
Total Operating Expenses	**2,950,442.70**	**2,749,676.13**	**93.20%**	**F**
Operating Income / (Loss)	**(765,436.98)**	**(630,912.78)**	**82.43%**	**F**
Non - Operating Expenses				
Assets Insurance Fund	150.00	150.00	100.00%	F
Interest on Loans	10,575.00	24,653.93	233.13%	A
Interest on Budgetary Support From Govt.	93,919.00	78,066.22	83.12%	F
Loss due to Exchange Rate Fluctuation	774.85	(5,483.96)	-707.74%	F
Net Non-Operating Expenses	**105,418.85**	**97,386.19**	**92.38%**	**F**
Net Income / (Loss)	**(870,855.83)**	**(728,298.97)**	**83.63%**	**F**

From the statement it is found that, the actual net loss for the FY 2014-2015 is Taka 7,282.99 Crore against the revised budgeted net Loss of Taka 8,708.56 Crore, which is less than budget provision by Taka 1,425.57 Crore. By analyzing the revised budget and actual expenditure it is observed 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 94.08 Crore has transferred to assets in operation during the FY 2014-2015. Depreciation has been charged @ 3.20% on the opening balance of utility plant in service except those of 820 MW power plant related plants and transportation equipment on which depreciation has been charged @ 6.00% and 9.00% respectively on the basis of "Fixed Percentage" method & half of the normal rate on addition during the year.

Chart-3 shows the trend analysis of revenue from sale of electricity with operating expense.

Year Wise Revenue To Operating Expenses

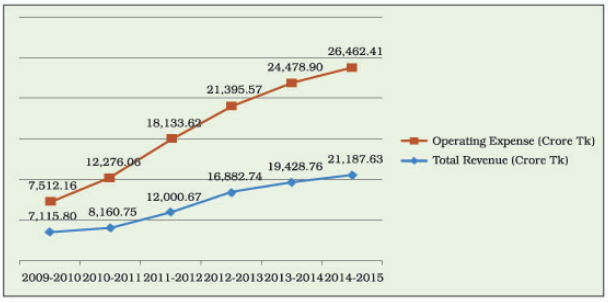


Chart-3

Category Wise Total Expenses

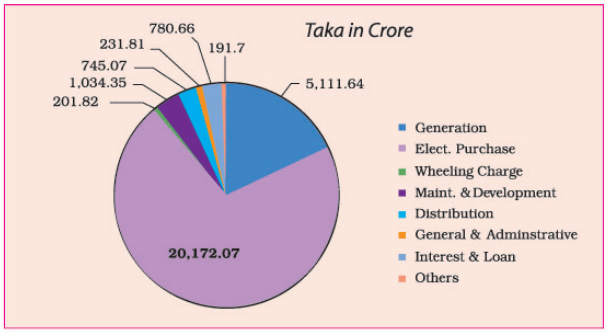


Chart-4

BPDB's Own Generation and Electricity Purchase

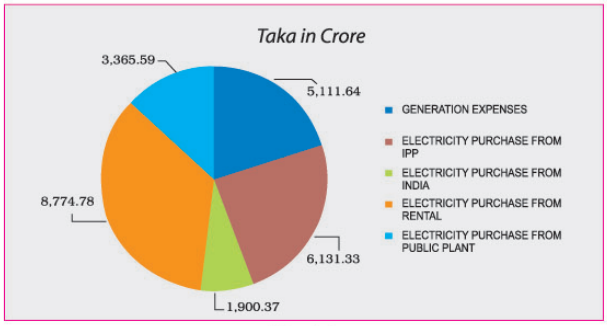


Chart-5

BALANCE SHEET (CONSOLIDATED)

AS ON JUNE 30, 2015

Figures In Taka

PROPERTY & ASSETS	FY-2014-15	FY-2013-14
FIXED ASSETS		
UTILITY PLANT IN SERVICE	419,203,706,433	411,417,818,966
LESS : ACCUMULATED DEPRECIATION	195,360,117,102	183,567,644,632
WRITTEN DOWN VALUE	**223,843,589,331**	**227,850,174,334**
PROJECT- IN - PROGRESS	59,298,712,710	39,467,652,043
INVESTMENT IN SHARES	20,094,762,718	19,342,767,589
TOTAL FIXED ASSETS	**303,237,064,759**	**286,660,593,967**
CURRENT ASSETS		
INVESTMENT	37,553,379,700	26,415,766,137
CASH IN HAND & AT BANK	69,421,813,471	46,190,638,240
ACCOUNTS RECEIVABLE - TRADE	89,739,593,431	81,704,592,004
ACCOUNTS RECEIVABLE - OTHERS	17,678,119,449	13,798,882,549
PROVISION FOR BAD & DOUBTFUL DEBTS	(1,066,431,686)	(941,643,208)
ADVANCE TO CONTRACTORS & SUPPLIERS	340,553,663	7,761,839,632
ADVANCE TO EMPLOYEES	1,579,956,806	1,531,384,617
STOCK & STORES	13,401,510,391	12,951,278,318
SECURITY DEPOSIT TO OTHER UTILITY	90,350,592	92,210,167
INCOME TAX DEDUCTION AT SOURCE	2,220,650,705	1,673,296,063
TOTAL CURRENT ASSETS	**230,959,496,521**	**191,178,244,519**
TOTAL PROPERTY & ASSETS	**534,196,561,280**	**477,838,838,486**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants

BALANCE SHEET (CONSOLIDATED)

AS ON JUNE 30, 2015

Figures In Taka

CAPITAL & LIABILITIES	FY-2014-15	FY-2013-14
AUTHORIZED CAPITAL	**200,000,000,000**	**200,000,000,000**
CAPITAL & RESERVE		
PAID UP CAPITAL	155,632,244,275	150,443,838,475
NET SURPLUS / (DEFICIT)	(416,481,863,930)	(340,758,443,613)
APPRAISAL SURPLUS	117,057,871,482	117,057,871,482
GOVERNMENT EQUITY AGAINST DESCO SHARE	2,244,887,760	2,244,887,760
GRANTS	5,103,755,860	4,964,052,860
DEPOSIT WORK FUND	2,551,069,570	2,337,193,475
LIQUIDITY DAMAGE RESERVE	72,053,500	72,053,500
MAINTANANCE & DEVELOPMENT FUND	33,690,360,745	23,346,890,745
ASSETS INSURANCE FUND	330,000,000	315,000,000
	(99,799,620,739)	**(39,976,655,318)**
LONG TERM LIABILITIES		
GOVERNMENT LOAN	63,968,368,012	62,476,911,262
BUDGETARY SUPPORT AS SUBSIDY FROM GOVT. (DIFFERENCE OF BUYING & SELLING RATE)	328,215,200,000	236,363,146,667
FOREIGN LOAN	29,334,507,671	22,840,558,402
	421,518,075,683	**321,680,616,331**
DEPOSIT & PROVISION FUND		
SECURITY DEPOSIT (CONSUMERS)	4,393,169,761	3,973,342,252
GPF & CPF	5,597,397,620	4,961,372,437
GRATUITY & PENSION FUND	10,764,731,348	9,899,594,665
	20,755,298,729	**18,834,309,353**
CURRENT LIABILITIES		
ACCOUNTS PAYABLE	41,604,304,952	38,220,677,041
SECURITY DEPOSIT (CONTRACTORS & SUPPLIERS)	781,958,011	674,368,835
CURRENT PORTION OF LONG TERM LIABILITIES	3,532,109,213	3,537,936,276
DEBT SERVICE LIABILITIES (PRINCIPAL)	49,894,130,535	50,521,214,593
DEBT SERVICE LIABILITIES (PRINCIPAL)-PGCB	8,996,251,801	8,560,879,540
DEBT SERVICE LIABILITIES (PRINCIPAL)-APSCL	6,018,564,214	5,872,071,918
DEBT SERVICE LIABILITIES (PRINCIPAL)-WZPDCL	1,976,090,084	1,950,209,829
REIMBURSABLE PROJECT AID	1,111,757,527	1,061,757,527
DEBT SERVICE LIABILITIES (INTEREST)	53,744,362,376	50,588,784,807
INTEREST ON BUDGETARY SUPPORT FROM GOVT.(FUND)	23,583,097,892	15,776,475,914
OTHER LIABILITIES	561,372,970	536,181,341
	191,803,999,576	**177,300,557,621**
CLEARING ACCOUNTS	(81,191,967)	10,499
TOTAL CAPITAL & LIABILITIES	**534,196,561,280**	**477,838,838,486**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants

CONSOLIDATED INCOME STATEMENT

FOR THE YEAR ENDED JUNE 30, 2015

Figures In Taka

PARTICULARS	FY 2014-15	FY 2013-14
OPERATING REVENUE		
ENERGY SALES	204,921,270,320	186,370,558,459
OTHER NON-OPERATING INCOME	6,955,065,129	7,917,088,750
	211,876,335,448	**194,287,647,209**
OPERATING EXPENSES		
GENERATION EXPENSES	51,116,440,247	57,750,593,504
ELECTRICITY PURCHASE FROM IPP	61,313,273,341	44,633,791,377
ELECTRICITY PURCHASE FROM INDIA	19,003,732,517	11,457,403,657
ELECTRICITY PURCHASE FROM RENTAL	87,747,847,923	97,503,394,182
ELECTRICITY PURCHASE FROM PUBLIC PLANT	33,655,883,399	22,724,157,873
TRANSMISSION EXPENSES FOR WHEELING CHARGE	2,018,151,423	1,848,957,263
DISTRIBUTION EXPENSES	7,450,673,423	6,970,036,001
GENERAL & ADMINISTRATIVE EXPENSES	2,318,140,874	1,900,701,427
	264,624,143,146	**244,789,035,282**
OPERATING INCOME / (LOSS)	**(52,747,807,698)**	**(50,501,388,074)**
ASSETS INSURANCE FUND	15,000,000	15,000,000
MAINTANANCE & DEVELOPMENT	10,343,470,000	9,569,859,044
INTEREST EXPENSES FOR BUDGETARY SUPPORT FROM GOVT.	7,806,621,978	6,177,074,342
FINANCING & OTHER CHARGES	2,465,393,274	1,756,718,912
NET INCOME/(LOSS) BEFORE EXCHANGE RATE FLUCTUATION	**(73,378,292,950)**	**(68,020,040,371)**
GAIN/(LOSS) DUE TO EXCHANGE RATE FLUCTUATION	548,396,279	(72,415,234)
NET INCOME / (LOSS) FOR YEAR	**(72,829,896,671)**	**(68,092,455,605)**
RETAINED EARNINGS		
BALANCE AS ON JULY 01, 2014	(340,758,443,614)	(272,141,562,044)
PREVIOUS YEAR'S ADJUSTMENT	(2,893,523,645)	(524,425,965)
NET INCOME / (LOSS) FOR THE YEAR	(72,829,896,671)	(68,092,455,605)
BALANCE AS ON JUNE 30, 2015	**(416,481,863,930)**	**(340,758,443,614)**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants

CASH FLOW STATEMENT FOR THE YEAR 2014-2015

Figures In Taka

SL. No.	DESCRIPTION	AMOUNT	AMOUNT	AMOUNT
	CASH FLOW FROM OPERATING ACTIVITIES			
A	**Total Receipts from BPDB Customer, REB & Others**			
	Operating Revenue Note-40 & 41	**211,876,335,448**		
	Accounts Receivable-Trade-Opening-Note-9	81,704,592,004		
	Accounts Receivable-Trade-Closing-Note-9	(89,739,593,431)		
	Accounts Receivable-Others -Opening-Note-10 (Except 142A,142B & 142C)	6,017,163,489		
	Accounts Receivable-Others -Closing-Note-10 (Except 142A,142B & 142C)	(11,421,355,143)		
	Provision for Bad Debt-Opening-Note-12	(941,643,208)		
	Provision for Bad Debt-Closing-Note-12	1,066,431,686		
			198,561,930,845	
B	**Less Total Payment for Operating Expenses & Others**			
	Operating Expenses net of Depreciation*01	250,124,519,252		
	Previous Year's Adjustments-Note-54	2,893,523,645		
	Interest Charges- Sh-52 (Code-675 & Interest of Foreign Loan paid in cash)	584,540,414		
	Liquidity Reserve-Opening- Note-22	72,053,500		
	Liquidity Reserve-Closing - Note-22	(72,053,500)		
	Accounts Payable-Opening -Note-30	38,220,677,041		
	Accounts Payable-Closing- Note-30	(41,604,304,952)		
	Security Deposit Contractor's-Opening -Note-31	674,368,835		
	Security Deposit Contractor's-Closing- Note-31	(781,958,011)		
	Other Liabilities-Opening-Note-38	536,181,341		
	Other Liabilities-Closing-Note-38	(561,372,970)		
	Advance to Contractors-Opening - Note-13	(7,761,839,632)		
	Advance to Contractors-Closing - Note-13	340,553,663		
	Advance to Employees-Opening- Note-14	(1,531,384,617)		
	Advance to Employees-Closing- Note-14	1,579,956,806		
	Stock & Stores-Opening- Note-15	(12,951,278,317)		
	Stock & Stores-Closing- Note-15	13,401,510,391		
	Clearing Account-Opening- Note-39	10,498		
	Clearing Account-Closing- Note-39	81,191,967		
	Deposits & Prepaid-Opening- Note-16	(1,765,506,229)		
	Deposits & Prepaid-Closing -Note-16	2,311,001,296		
			243,790,390,421	
C	**Reimburseable Project Aid- received-Sh-35**		**(50,000,000)**	
D	**NET CASH OUTFLOW FROM OPERATING ACTIVITIES (A-B-C)**			**(45,178,459,576)**
	CASH FLOW FROM INVESTING ACTIVITIES			
	Consumers Security Deposit -Note-27 (Closing-Opening)	419,827,509		
	Capital Expenditure-UPIS- Sh-3	(6,845,120,130)		
	Capital Expenditure-PIP*06(Net Cash)	(21,284,662,945)		
	Employees Contribution to GPF, CPF & Pension Fund-Note-28&29(Closing-Opening)	1,501,161,866		
	Investment in Share -07	(751,995,129)		
	Encashment of FDR-Sh-07	3,108,422,011		
	Investment in FDR-Sh-07	(14,246,035,574)		
E	**NET CASH OUT FLOW FROM INVESTING ACTIVITIES**			**(38,098,402,393)**
	CASH FLOW FROM FINANCING ACTIVITIES			
	Capital Contribution -Note-17 (Closing-Opening)	5,304,105,000		
	Grant-Note-20 (Closing- Opening)	139,703,000		
	Govt. Loan- Sh-24 (Loan Drawn during the Year)	3,536,070,000		
	Reimburseable Project Aid- received-Sh-35	50,000,000		
	Foreign Loan- Sh-26.Loan wise(Loan Drawn during the Year)	9,814,255,035		
	Deposit Work Fund -Note-21 (Closing- Opening)	213,876,095		
	DSL (Principal due) PGCB, APSCL & WZPDC (Except Cash) A/R Other	-		
	DSL (Interest) PGCB, APSCL & WZPDC (Except Cash) A/R Other	-		
	Repayment of Foreign Loan-Sh-34	(1,226,604,440)		
	Repayment of Govt. Loan-Sh-34	(861,435,488)		
	Refund of Govt. Loan- Sh-24	(77,132,800)		
	Refund of Equity to GOB	(115,699,200)		
F	**NET CASH INFLOW FROM FINANCING ACTIVITIES**			**16,727,137,201**
G	**NET CASH OUTFLOW (D+E+F)**			**(66,549,724,768)**
H	**CASH RECEIVED FROM GOVT. AS BUDGETARY SUPPORT**			**89,780,900,000**
I	**OPENING CASH IN HAND**			**46,190,638,240**
J	**CLOSING CASH IN HAND(G+H+I)**			**69,421,813,471**

BALANCE SHEET (GENERATION & BULK)

AS ON JUNE 30, 2015

Figures In Taka

PROPERTY & ASSETS	FY 2014-15	FY 2013-14
FIXED ASSETS		
UTILITY PLANT IN SERVICE	323,455,206,977	320,071,517,777
LESS : ACCUMULATED DEPRECIATION	145,787,957,288	136,658,207,317
WRITTEN DOWN VALUE	**177,667,249,689**	**183,413,310,461**
PROJECT - IN - PROGRESS	34,474,647,626	18,903,058,332
INVESTMENT IN SHARES	14,887,856,277	14,135,861,148
TOTAL FIXED ASSETS	**227,029,753,593**	**216,452,229,941**
CURRENT ASSETS		
INVESTMENT	27,142,406,558	15,176,260,715
CASH IN HAND & AT BANK	56,072,792,060	35,754,885,461
ACCOUNTS RECEIVABLE - TRADE-BULK	68,410,959,711	62,871,727,846
ACCOUNTS RECEIVABLE - FROM SPC BULK	20,814,307,254	12,169,663,343
ACCOUNTS RECEIVABLE - OTHERS	14,773,150,487	10,986,578,137
ADVANCE TO CONTRACTORS & SUPPLIERS	243,464,118	7,702,350,842
ADVANCE TO EMPLOYEES	883,600,519	865,361,382
STOCK & STORES	12,424,781,790	12,208,954,481
SECURITY DEPOSIT TO OTHER UTILITIES	81,839,751	87,467,333
INCOME TAX DEDUCTION AT SOURCE	2,034,842,380	1,506,412,585
TOTAL CURRENT ASSETS	**202,882,144,628**	**159,329,662,125**
TOTAL PROPERTY & ASSETS	**429,911,898,221**	**375,781,892,066**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants

BALANCE SHEET (GENERATION & BULK)

AS ON JUNE 30, 2015

Figures In Taka

CAPITAL & LIABILITIES	FY 2014-15	FY 2013-14
CAPITAL & RESERVE		
PAID UP CAPITAL	129,137,970,541	125,598,188,941
NET SURPLUS / (DEFICIT)	(388,803,270,634)	(316,591,559,068)
APPRAISAL SURPLUS	89,477,620,309	89,477,620,309
GRANTS	2,957,812,642	2,818,109,642
LIQUIDITY DAMAGE RESERVE	72,053,500	72,053,500
MAINTANANCE & DEVELOPMENT FUND	33,690,360,745	23,346,890,745
ASSETS INSURANCE FUND	249,000,000	237,000,000
	(133,218,452,898)	**(75,041,695,931)**
LONG TERM LIABILITIES		
GOVERNMENT LOAN	53,471,836,208	52,405,804,358
BUDGETARY SUPPORT AS SUBSIDY FROM GOVT. (DIFFERENCE OF BUYING & SELLING RATE)	328,215,200,000	236,363,146,667
FOREIGN LOAN	15,707,807,986	9,942,577,912
	397,394,844,194	**298,711,528,938**
DEPOSIT & PROVISION FUND		
GPF & CPF	3,304,500,852	2,933,601,580
GRATUITY & PENSION FUND	6,963,544,342	6,161,685,554
	10,268,045,194	**9,095,287,133**
CURRENT LIABILITIES		
ACCOUNTS PAYABLE	41,254,361,012	38,072,328,025
SECURITY DEPOSIT (CONTRACTORS & SUPPLIERS)	513,923,137	494,008,736
CURRENT PORTION OF LONG TERM LIABILITIES	2,535,971,961	2,517,827,911
DEBT SERVICE LIABILITIES (PRINCIPAL)	32,260,038,803	33,588,596,236
DEBT SERVICE LIABILITIES (PRINCIPAL)-PGCB	8,996,251,801	8,560,879,540
DEBT SERVICE LIABILITIES (PRINCIPAL)-APSCL	6,018,564,214	5,872,071,918
DEBT SERVICE LIABILITIES (PRINCIPAL)-WZPDCL		
REIMBURSABLE PROJECT AID	516,533,039	516,533,039
DEBT SERVICE LIABILITIES (INTEREST)	39,617,525,394	37,342,929,950
INTEREST ON BUDGETARY SUPPORT FROM GOVT.(FUND)	23,583,097,892	15,776,475,914
OTHER LIABILITIES	210,333,608	233,092,457
	155,506,600,861	**142,974,743,726**
CLEARING ACCOUNTS	(39,139,132)	42,028,201
TOTAL CAPITAL & LIABILITIES	**429,911,898,221**	**375,781,892,066**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants

INCOME STATEMENT (GENERATION & BULK SUPPLY)

FOR THE YEAR ENDED JUNE 30, 2015

Figures In Taka

PARTICULARS	FY 2014-15	FY 2013-14
OPERATING REVENUE		
ENERGY SALES (BULK)	200,262,011,128	185,103,654,496
OTHER NON-OPERATING INCOME	4,567,691,058	5,707,520,159
	204,829,702,186	**190,811,174,655**
OPERATING EXPENSES		
FUEL EXPENSES	35,868,741,308	41,926,662,531
PERSONNEL EXPENSES	3,237,021,197	2,985,014,841
OFFICE EXPENSES	291,190,549	334,322,002
REPAIRS & MAINTENANCE EXPENSES	2,713,246,337	3,432,170,229
DEPRECIATION	9,006,240,856	9,072,423,900
SUB TOTAL OWN GENERATION EXPENSES	**51,116,440,247**	**57,750,593,504**
ELECTRICITY PURCHASE FROM IPP	61,313,273,341	44,633,791,377
ELECTRICITY PURCHASE FROM INDIA	19,003,732,517	11,457,403,657
ELECTRICITY PURCHASE FROM RENTAL	87,747,847,923	97,503,394,182
ELECTRICITY PURCHASE FROM PUBLIC PLANT	33,655,883,399	22,724,157,873
GENERAL & ADMINISTRATIVE EXPENSES	1,575,966,095	1,301,887,698
	254,413,143,521	**235,371,228,290**
OPERATING INCOME / (LOSS)	**(49,583,441,335)**	**(44,560,053,635)**
PROVISION FOR ASSETS INSURANCE FUND	12,000,000	12,000,000
MAINTANANCE & DEVELOPMENT EXPENSES	10,343,470,000	9,569,859,044
INTEREST ON BUDGETARY SUPPORT FROM GOVT.	7,806,621,978	6,177,074,342
FINANCING & OTHER CHARGES	1,859,350,127	1,197,302,657
NET INCOME/(LOSS) BEFORE EXCH. RATE FLUCTUATION	(69,604,883,440)	(61,516,289,677)
GAIN/(LOSS) DUE TO EXCHANGE RATE FLUCTUATION	286,976,851	(66,850,603)
NET INCOME / (LOSS) FOR THE YEAR	**(69,317,906,590)**	**(61,583,140,280)**
RETAINED EARNINGS		
BALANCE AS ON JULY 01, 2014	(316,591,559,068)	(254,469,424,997)
PREVIOUS YEAR'S ADJUSTMENT	(2,893,804,977)	(538,993,790)
NET INCOME / (LOSS) FOR THE YEAR	(69,317,906,590)	(61,583,140,280)
BALANCE AS ON JUNE 30, 2015	**(388,803,270,634)**	**(316,591,559,068)**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants

BALANCE SHEET (DISTRIBUTION SECTOR)

AS ON JUNE 30, 2015

Figures In Taka

PROPERTY & ASSETS	FY 2014-15	FY 2013-14
FIXED ASSETS		
UTILITY PLANT IN SERVICE	95,748,499,456	91,346,301,189
LESS : ACCUMULATED DEPRECIATION	49,572,159,813	46,909,437,315
WRITTEN DOWN VALUE	**46,176,339,643**	**44,436,863,873**
PROJECT - IN - PROGRESS	24,824,065,086	20,564,593,712
INVESTMENT IN SHARES	5,206,906,441	5,206,906,441
TOTAL FIXED ASSETS	**76,207,311,170**	**70,208,364,027**
CURRENT ASSETS		
INVESTMENT	10,410,973,146	11,239,505,426
CASH IN HAND & AT BANK	13,349,021,409	10,435,752,778
ACCOUNTS RECEIVABLE - TRADE	21,328,633,719	18,832,864,159
ACCOUNTS RECEIVABLE - OTHERS	2,904,968,963	2,812,304,412
PROVISION FOR BAD & DOUBTFUL DEBTS	(1,066,431,686)	(941,643,208)
ADVANCE TO CONTRACTORS & SUPPLIERS	97,089,545	59,488,790
ADVANCE TO EMPLOYEES	696,356,288	666,023,236
STOCK & STORES	976,728,600	742,323,836
SECURITY DEPOSIT TO OTHER UTILITIES	8,510,842	4,742,835
INCOME TAX DEDUCTION AT SOURCE	185,808,324	166,883,478
TOTAL CURRENT ASSETS	**48,891,659,151**	**44,018,245,742**
TOTAL PROPERTY & ASSETS	**125,098,970,321**	**114,226,609,769**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants




BALANCE SHEET (DISTRIBUTION SECTOR)

AS ON JUNE 30, 2015

Figures In Taka

CAPITAL & LIABILITIES	FY 2014-15	FY 2013-14
CAPITAL & RESERVE		
PAID UP CAPITAL	26,494,273,734	24,845,649,534
NET SURPLUS / (DEFICIT)	(27,678,593,290)	(24,166,884,542)
APPRAISAL SURPLUS	27,580,251,173	27,580,251,173
GOVT. EQUITY AGAINST DESCO'S SHARE	2,244,887,760	2,244,887,760
GRANTS	2,145,943,218	2,145,943,218
DEPOSIT WORK FUND	2,551,069,570	2,337,193,475
ASSETS INSURANCE FUND	81,000,000	78,000,000
	33,418,832,165	**35,065,040,618**
LONG TERM LIABILITIES		
GOVERNMENT LOAN	10,496,531,804	10,071,106,904
FOREIGN LOAN	13,626,699,685	12,897,980,490
	24,123,231,489	**22,969,087,395**
DEPOSIT & PROVISION FUND		
SECURITY DEPOSIT (CONSUMERS)	4,392,810,777	3,973,342,252
GPF & CPF	2,292,896,768	2,027,770,857
GRATUITY & PENSION FUND	3,801,187,006	3,737,909,111
	10,486,894,550	**9,739,022,220**
CURRENT LIABILITIES		
ACCOUNTS PAYABLE	349,943,939	148,369,822
ACCOUNTS PAYABLE TO BPDB GENERATION	20,814,307,254	12,169,663,343
SECURITY DEPOSIT (CONTRACTORS & SUPPLIERS)	268,393,857	180,360,829
CURRENT PORTION OF LONG TERM LIABILITIES	996,137,252	1,020,108,365
DEBT SERVICE LIABILITIES (PRINCIPAL) BPDB	17,634,091,733	16,932,618,357
DEBT SERVICE LIABILITIES (PRINCIPAL)-WZPDCL	1,976,090,084	1,950,209,829
REIMBURSABLE PROJECT AID	595,224,488	545,224,488
DEBT SERVICE LIABILITIES (INTEREST) BPDB	13,539,117,056	12,788,928,174
DEBT SERVICE LIABILITIES (INTEREST) WZPDC	587,719,926	456,926,683
OTHER LIABILITIES	351,039,362	303,088,155
	57,112,064,952	**46,495,498,045**
CLEARING ACCOUNTS	(42,052,835)	(42,038,509)
TOTAL CAPITAL & LIABILITIES	**125,098,970,321**	**114,226,609,769**

RAHMAN MOSTAFA ALAM & CO.
Chartered Accountants

J.U. AHMED & CO.
Chartered Accountants

INCOME STATEMENT (DISTRIBUTION)

FOR THE YEAR ENDED JUNE 30, 2015

Figures In Taka

PARTICULARS	FY 2014-15	FY 2013-14
OPERATING REVENUE		
ENERGY SALES (RETAIL)	57,024,310,319	49,163,210,511
OTHER NON-OPERATING INCOME	2,387,374,071	2,209,568,593
	59,411,684,389	**51,372,779,104**
OPERATING EXPENSES		
POWER PURCHASE COST AS PER BST	52,365,051,127	47,896,306,549
TRANSMISSION EXPENSES FOR WHEELING CHARGE	2,018,151,423	1,848,957,263
TOTAL ENERGY IMPORT COST	**54,383,202,550**	**49,745,263,812**
PERSONNEL EXPENSES	3,008,876,772	2,742,255,296
OFFICE EXPENSES	434,130,638	358,689,740
REPAIRS & MAINTENANCE EXPENSES	1,289,694,786	1,246,645,493
DEPRECIATION	2,593,182,750	2,486,998,414
PROVISION FOR BAD DEBTS	124,788,478	135,447,059
TOTAL DISTRIBUTION EXPENSES	**7,450,673,423**	**6,970,036,001**
GENERAL & ADMINISTRATIVE EXPENSES	742,174,779	598,813,728
TOTAL OPERATING EXPENSES	**62,576,050,752**	**57,314,113,541**
OPERATING INCOME / (LOSS)	**(3,164,366,363)**	**(5,941,334,436)**
PROVISION FOR ASSETS INSURANCE FUND	3,000,000	3,000,000
FINANCING & OTHER CHARGES	606,043,146	559,416,255
NET INCOME/(LOSS) BEFORE EXCHANGE RATE FLUCTUATION	**(3,773,409,509)**	**(6,503,750,691)**
GAIN/(LOSS) DUE TO EXCHANGE RATE FLUCTUATION	261,419,429	(5,564,632)
NET INCOME / (LOSS) FOR THE YEAR	**(3,511,990,080)**	**(6,509,315,323)**
RETAINED EARNINGS		
BALANCE AS ON JULY 01, 2014	(24,166,884,542)	(17,672,137,044)
PREVIOUS YEAR'S ADJUSTMENT	281,332	14,567,826
NET INCOME / (LOSS) FOR THE YEAR	(3,511,990,080)	(6,509,315,323)
BALANCE AS ON JUNE 30, 2015	**(27,678,593,290)**	**(24,166,884,542)**

RAHMAN MOSTAFA ALAM & CO.
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Chartered Accountants

SOME IMPORTANT RATIOS

SL. No.	Particulars	FY 2014-2015	FY 2013-2014
1	Rate of Return (Operating Income/Operating Fixed Assets)	-12.58%	- 12.27%
2	Operating Income Ratio (Operating Income/Operating Revenue)	-24.90%	- 25.99%
3	Operating Expenses to Operating Revenue	124.90%	125.99%
4	Fuel Expense over total Operating Expenses	13.55%	17.13%
5	Depreciation over total Operating Expenses	4.46%	4.79%
6	Depreciation and Fuel Expense over total Operating Expenses	18.01%	21.92%
7	Current Ratio	1:1.20	1:1.08
8	Quick Ratio	1:1.13	1:1.01

SUMMARY OF EXPENSES

Figures In Taka

Head of Accounts	Generation Expenses	Distribution Expenses	Gen. & Admn. Expenses	Total Expenses FY 2014-2015	Total Expenses FY 2013-2014
Fuel Consumption for Generation					
Natural Gas	8,382,211,456	-	-	8,382,211,456	9,221,669,281
Liquid fuel	23,231,702,965	-	-	23,231,702,965	27,714,255,840
Coal	4,254,826,887	-	-	4,254,826,887	4,990,737,410
Sub Total	**35,868,741,308**	-	-	**35,868,741,308**	**41,926,662,531**
Personnel Expenses	3,237,021,197	3,008,876,772	1,509,283,765	7,755,181,734	6,937,863,399
Office & Other Expenses	291,190,549	434,130,638	344,422,812	1,069,743,999	975,059,025
Repairs & Maintenance	2,713,246,337	1,289,694,786	271385432	4,274,308,955	4,915,352,344
Depreciation	9,006,240,856	2,593,182,750	193,048,866	11,792,472,471	11,730,946,573
Bad debts	-	124,788,478	-	124,806,078	135,447,059
Wheeling Charge	-	2,018,151,423	-	2,018,151,423	1,848,957,263
Sub Total	**15,247,698,940**	**9,468,824,847**	**2,318,140,874**	**27,034,664,661**	**26,543,625,663**
Electricity Purchase					
From IPP & SIPP.	61,313,273,341	-	-	61,313,273,341	44,633,791,377
From Rental Plant	87,747,847,923	-	-	87,747,847,923	97,503,394,182
From Public Plant	33,655,883,399	-	-	33,655,883,399	22,724,157,873
From India	19,003,732,517	-	-	19,003,732,517	11,457,403,657
Sub Total	**201,720,737,179**	-	-	**201,720,737,179**	**176,318,747,089**
Financing & other charges	1,859,350,127	606,043,146	-	2,465,393,273	1,756,718,912
Interest on Budgetary Support	7,806,621,978	-	-	7,806,621,978	6,177,074,342
Maint. & Dev. Expenses	10,343,470,000	-	-	10,343,470,000	9,569,859,044
Provision for Assets Ins.	12,000,000	3,000,000	-	15,000,000	15,000,000
Sub Total	20,021,442,105	609,043,146	-	20,630,485,251	17,518,652,298
Grand Total	**272,858,619,532**	**10,077,867,993**	**2,318,140,874**	**285,254,628,399**	**262,307,687,581**

DETAILS OF PERSONNEL EXPENSES

Figures In Taka

Head of Accounts	Generation	Distribution	General & Administrative	Total
Pay of Officers	199,796,559	165,516,508	190,334,376	555,647,443
Pay of Staff	438,316,896	608,105,710	219,810,825	1,266,233,431
Allowances of Officers	165,339,807	107,113,714	127,083,123	399,536,643
Allowances of Staff	421,277,390	532,765,072	182,779,673	1,136,822,135
Leave Encashment	15,021,229	25,111,313	12,768,008	52,900,549
Overtime Allowances (Single Rate)	64,447,478	94,946,313	34,627,377	194,021,168
Overtime Allowances (Double Rate)	375,256,555	380,680,927	90,163,261	846,100,742
Medical Expenses	8,379,743	5,703,414	4,136,020	18,219,177
Bonus for Officers	34,574,812	29,043,085	30,992,553	94,610,450
Bonus for Staff	69,209,854	98,573,329	35,438,301	203,221,484
Employees Electricity Rebate	133,318,370	174,736,064	70,713,571	378,768,005
Gratuity	-	-	10,197	10,197
Income Tax of Officers & Staff	(72,301)	(3,000)	(15,448)	(90,749)
Employees Other Benefit & Welfare Expenses	3,533,440	3,525,970	11,674,487	18,733,897
Board's Contribution to CPF	1,897,387	556,213	-	2,453,600
Board's Contribution to Pension Fund	1,056,181,320	528,970,392	281,935,374	1,867,087,087
Leave Encashment on Retirement	25,574,726	28,907,190	39,683,833	94,165,749
Honorarium- Reward/ Punishment Scheme	111,147,193	73,311,147	90,780,495	275,238,835
Honorarium- Others	15,931,199	5,050,829	6,980,967	27,962,995
Wages for Hired Labour	97,889,540	133,618,181	31,470,654	262,978,375
Computerization of Commercial Operation	-	-	47,916,119	47,916,119
Service charge for collection of Electricity Bill by Mobile Phone Company	-	12,644,402	-	12,644,402
Total Personnel Expenses	**3,237,021,197**	**3,008,876,772**	**1,509,283,765**	**7,755,181,734**

DETAILS OF OFFICE AND OTHER EXPENSES

Figures In Taka

Head of Accounts	Generation	Distribution	General & Administrative	Total
Traveling Expenses/ Allowances(For Official)	48,608,576	89,982,621	56,233,847	194,825,044
Traveling Expenses (For Training)	10,966,170	4,364,086	19,848,319	35,178,575
Conveyance Charge	886,399	6,456,102	6,207,500	13,550,001
Washing Expenses	162,304	244,808	507,065	914,177
Entertainment	218,517	29,618	4,289,685	4,537,820
Stationary & Printing	11,148,369	48,533,985	42,033,803	101,716,157
Taxes, License & Fees	32,858,766	68,347,862	19,049,985	120,256,613
Office Rent	746,657	6,635,050	2,130,067	9,511,774
Water Charges	2,369,922	86,887	7,783,754	10,240,563
Electric Charges (Own use)	126,738,859	131,350,220	48,415,832	306,504,911
Electricity Rebate - Freedom fighters	-	3,261,392	104,502	3,365,894
Uniforms & Liveries	9,789,672	12,871,509	3,314,991	25,976,172
Post & Telegram	307,653	921,482	3,683,092	4,912,226
Telephone, Telex & Fax	3,442,077	13,103,000	10,944,789	27,489,867
Advertising & Promotion	33,894,643	30,545,802	72,990,730	137,431,175
Audit Fee	6,250	12,381,297	1,187,750	13,575,297
Legal Expenses (Lawyer's Fees & Court Fees)	90,885	2,818,870	11,109,918	14,019,673
Books & Periodicals	723,448	571,338	854,769	2,149,555
Donation & Contributions	1,593,825	539,850	1,101,190	3,234,865
Donation to sick Employees from Benevolent Fund	57,000	-	-	57,000
Training & Education	6,580,557	1,084,859	32,131,318	39,796,734
Miscellaneous Expenses	-	-	499,905	499,905
Total Office & Other Expenses	**291,190,549**	**434,130,638**	**344,422,812**	**1,069,743,999**

Signing of MoU between BPDB and Consortium of TNB-PB, Malaysia for establishment of 1320 MW Coal Based Joint Venture Power Plant at Maheshkhali.

DETAILS OF REPAIR AND MAINTENANCE EXPENSES

Figures In Taka

Head of Accounts	Generation	Distribution	General & Administrative	Total
Petrol/ Diesel & Lubricants Used for Transport	30,056,655	125,401,527	47,078,715	202,536,896
CNG Used for Vehicle	5,799,070	1,090,665	1,106,931	7,996,666
Petrol/ Diesel & Lubricants Used for Other Equipment	206,794,673	-	-	206,794,673
Store & Spares Used	211,354,195	80,940,255	10,085,008	302,379,458
Store & Spares Used-Foreign	-	-	1,600	1,600
Custom Duties & Sale Tax	164,543,325	49,997,493	-	214,540,818
Vat	355,029,792	91,582,706	-	446,612,497
Demurrage & Warfront	16,424,128	19,316,483	-	35,740,611
Hire of Equipment	3,030	-	-	3,030
Freight & Handling	4,263,530	82,835,595	1,368,895	88,468,020
Insurance (For Goods & Property)	12,642,383	140,137	397	12,782,917
Insurance (For Transportation Equipment)	6,574,587	2,009,415	2,910,480	11,494,482
Insurance For Vehicle & other	-	575	-	575
Bank Charge & Commission	1,205,518	145,061,714	16,937,838	163,205,070
Contractor's Fees	-	-	45,640	45,640
Contractor's Fees	-	-	38,152,586	38,152,586
Consultants Expenses	201,766,232	33,632,925	14,209,880	249,609,037
Consultants Expenses	-	1,335,132	-	1,335,132
Structure & Improvement	43,788,179	73,079,632	77,203,620	194,071,431
Boiler Plant equipment	39,130,535	-	-	39,130,535
Engine & Engine Driven Generators	17,004,212	-	-	17,004,212
Generator	46,609,256	1,206,927	-	47,816,183
Prime Movers	18,204,241	-	-	18,204,241
Accessory elect. equipment	3,120,322	-	16,880	3,137,202
Reservoir, Dams & Waterways	4,010,380	-	-	4,010,380
Fuel Holders, Producers & Accessories	4,843,910	-	-	4,843,910
Station Equipment	1,248,618,451	1,873,803	-	1,250,492,254
Poles & Fixtures	-	5,107,197	-	5,107,197
Overhead Conduct & Devices	7,048,195	264,393,943	743,410	272,185,548
Line Transformers	561,764	23,183,056	-	23,744,820
Transformer Manufacturing	-	155,638	-	155,638
Meters	-	222,479,243	-	222,479,243
Transportation Equipment's	21,787,895	57,011,499	51,247,228	130,046,622
Heavy & Other Power Operated Equipment's	381,870	18,485	-	400,355
Office furniture & Equipment	1,100,247	5,107,023	8,434,967	14,642,237
Office furniture & Equipment (Computer, Monitor & Others)	57,150	-	4,965	62,115
Tools, Shop and Garage Equipments	-	1,783,767	968,195	2,751,962
Laboratory Equipment	2,650,000	-	-	2,650,000
Stores Equipment	37,872,614	949,951	862,688	39,685,253
Miscellaneous Equipment	-	-	5,510	5,510
Total Repair & Maintenance Expenses	**2,713,246,337**	**1,289,694,786**	**271,385,432**	**4,274,326,555**

COMPARISION OF ELECTRICITY PURCHASE FROM IPP & SIPP WITH PREVIOUS YEAR

Particulars	Nature of Fuel	FY 2014-2015			FY 2013-2014		
		Unit kWh	Amount In Tk.	Cost/kWh	Unit kWh	Amount In Tk.	Cost/kWh
KPCL, Khulna	HFO	424,833,712	5,076,877,642	11.95	405,825,400	6,187,600,339	15.25
NEPC BD. (LTD), Haripur	HFO	396,871,900	6,608,743,909	16.65	509,346,000	10,108,984,436	19.85
RPCL 52MW Gazipur	HFO	179,859,024	2,986,769,066	16.61	171,626,772	3,519,675,572	20.51
RPCL 52MW Rawjan	HFO	110,181,420	1,825,676,555	16.57	115,668,460	1,873,288,026	16.20
Summit Meghnaghat	HFO	476,034,511	14,171,440,699	29.77	126,293,117	3,709,343,224	29.37
Raj Lanka Power Limited	HFO	184,783,123	3,191,322,041	17.27	87,769,440	1,475,838,769	16.81
Baraka Petenga Power Limited	HFO	231,613,488	2,942,197,616	12.70	55,164,672	790,818,376	14.34
Digital Power & Associates Ltd.	HFO	447,445,530	6,237,040,719	13.94	43,572,870	657,876,046	15.10
Summit Bibiyana II Power Company Ltd.	HFO	149,738,268	210,921,818	1.41	-	-	-
Sinha People Energy Ltd.	HFO	90,125,040	842,333,534	9.35	-	-	-
ECPV Power Ltd.	HFO	215,057,592	2,196,973,539	10.22	-	-	-
Lakdhanvi Bangla Power Ltd.	HFO	93,484,147	1,435,137,694	15.35	-	-	-
Total IPP (HFO)		**3,000,027,755**	**47,725,434,833**	**15.91**	**1,515,266,731**	**28,323,424,788**	**18.69**
WESTMONT BD. (LTD), Baghabari	Gas	-	-	-	-	-	-
RPC LTD. Mymensingh	Gas	1,400,092,728	3,469,129,714	2.48	1,206,405,586	3,662,007,082	3.04
AES, Haripur (PVT.) LTD.	Gas	2,655,429,000	3,812,643,859	1.44	2,530,932,000	3,842,597,273	1.52
AES Meghna Ghat BD. LTD.	Gas	507,987,510	1,155,205,696	2.27	2,776,088,200	6,301,997,207	2.27
Doren Power Generation & System Ltd.-Feni	Gas	146,194,092	361,717,624	2.47	135,314,640	349,548,463	2.58
Doren Power Generation & System Ltd.- Tangail	Gas	151,293,342	364,610,643	2.41	135,376,874	345,773,734	2.55
Rejent Power Ltd.	Gas	163,802,400	383,093,451	2.34	129,871,680	349,128,304	2.69
Summit Purbachal Power Ltd.-Jangalia	Gas	250,690,165	702,870,595	2.80	241,345,008	627,501,295	2.60
United Power Generation & Distribution	Gas	214,848,480	608,509,171	2.83	163,196,640	462,485,714	2.83
Regent Energy & Power Ltd.	Gas	592,704,380	1,405,778,840	2.37	11,027,036	9,708,863	0.88
Midland Power Company Ltd.	Gas	344,252,901	767,589,381	2.23	154,598,665	359,618,653	2.33
United Ashugang Energy Ltd.	Gas	259,470,085	556,689,535	2.15	-	-	-
Total IPP & SIPP (GAS)		**6,686,765,083**	**13,587,838,508**	**2.03**	**7,484,156,330**	**16,310,366,588**	**2.18**
Total IPP & SIPP		**9,686,792,838**	**61,313,273,341**	**6.33**	**8,999,423,061**	**44,633,791,376**	**4.96**

COMPARISION OF ELECTRICITY PURCHASE FROM PUBLIC PLANTS WITH PREVIOUS YEAR

Particulars	Nature of Fuel	FY 2014-2015			FY 2013-2014		
		Unit kWh	Amount In Tk.	Cost/kWh	Unit kWh	Amount In Tk.	Cost/kWh
APSCL (Except New 50 MW)	Gas	3,758,503,534	5,855,650,653	1.56	3,472,220,847	6,329,332,356	1.82
APSCL (New 50 MW)	Gas	258,887,268	473,288,995	1.83	254,047,644	487,877,995	1.92
SBU HARIPUR	Gas	134,271,315	291,909,445	2.17	49,260,242	124,278,681	2.52
EGCB Ltd. (210MW)	Gas	1,050,957,300	2,540,433,172	2.42	265,710,956	1,532,914,512	5.77
EGCB Ltd.(412MW)	Gas	1,793,268,023	3,187,288,420	1.78	1,017,325,483	1,540,342,877	1.15
NWPGCL Ltd. - SIRAJGONJ	Gas	1,674,467,827	3,483,029,842	2.08	952,291,751	2,609,653,419	2.74
BPDB RPCL Power Gen Ltd.	Gas	21,008,812	272,845,643	12.99	-	-	-
Total - Public Plant (Gas)		**8,691,364,079**	**16,104,446,171**	**1.85**	**6,010,856,923**	**12,624,399,840**	**2.10**
NWPGCL Ltd - Khulna	Diesel	636,224,060	17,551,437,228	27.59	357,673,985	10,099,749,033	28.24
Total - Public Plant (Diesel)		**636,224,060**	**17,551,437,228**	**27.59**	**357,673,985**	**10,099,749,033**	**28.24**
Total - Public Plant		**9,327,588,139**	**33,655,883,399**	**3.61**	**6,368,530,908**	**22,724,148,873**	**3.57**

COMPARISION OF ELECTRICITY PURCHASE FROM INDIA WITH PREVIOUS YEAR

Particulars	Capacity MW	FY 2014-2015			FY 2013-2014		
		Unit kWh	Amount in Tk.	Cost/kWh	Unit kWh	Amount in Tk.	Cost/kWh
NVVN Ltd. - INDIA	250	1,723,754,749	6,985,961,389	4.05	1,256,087,486	4,803,956,319	3.82
PTC INDIA Ltd.	250	1,656,156,524	12,017,771,128	7.26	1,008,930,498	6,653,447,337	6.59
Total Import		**3,379,911,273**	**19,003,732,517**	**5.62**	**2,265,017,984**	**11,457,403,657**	**5.06**

COMPARISION OF ELECTRICITY PURCHASE FROM RENTAL & QUICK RENTAL PLANTS WITH PREVIOUS YEAR

Particulars	Nature of Fuel	FY 2014-2015			FY 2013-2014		
		Unit Kwh	Amount in Tk.	Cost/kwh	Unit Kwh	Amount in Tk.	Cost/kwh
AGGREKO, INTERNATIONAL LTD.-GHORASAL	Gas	1,018,715,680	5,728,427,782	5.62	948,546,390	5,643,171,067	5.95
AGGREKO, INTERNATIONAL LTD.-B.BARIA	Gas	617,185,734	3,626,071,030	5.88	523,011,261	2,816,240,146	5.38
AGGREKO, INTERNATIONAL LTD.-80 MW	Gas	664,097,944	3,195,120,195	4.81	552,463,607	2,492,030,044	4.51
SHAHJIBAZAR POWER CO. LTD.	Gas	593,039,390	1,527,524,205	2.58	543,261,033	1,438,753,166	2.65
DESH CAMBRIDGE, KUMERGOAN	Gas	74,214,648	188,303,593	2.54	59,445,216	170,500,974	2.87
ENERGYPRIMA, KUMERGOAN	Gas	346,170,180	997,167,536	2.88	295,972,560	909,043,153	3.07
ENERGYPRIMA, SHAHJIBAZAR	Gas	316,635,912	972,148,311	3.07	303,108,888	973,135,616	3.21
ENERGYPRIMA, FENCHUGONJ	Gas	362,257,743	1,199,239,061	3.31	318,977,401	930,911,990	2.92
ENERGYPRIMA, BOGRA	Gas	118,883,700	346,197,535	2.91	112,952,801	349,373,461	3.09
MAX POWER LTD.-GHORASAL	Gas	-	-	-	465,419,364	2,701,530,864	5.8
UNITED ASHUGONJ POWER LTD.	Gas	389,299,201	1,322,006,597	3.40	347,537,148	1,657,665,937	4.77
BARKATULLAH ELECTRO DYNAMICS LTD.	Gas	361,899,906	804,513,132	2.22	338,817,206	780,994,387	2.31
PRECISION ENERGY LTD.	Gas	372,911,058	1,087,821,963	2.92	349,402,037	1,064,454,687	3.05
VENTURE ENERGY RESOURCES LTD.	Gas	209,574,194	556,240,400	2.65	45,404,181	188,717,856	4.16
GBB POWER LTD.	Gas	170,949,641	502,439,106	2.94	165,523,524	480,933,594	2.91
Total - Rental (Gas)		**5,615,834,931**	**22,053,220,448**	**3.93**	**5,369,842,616**	**22,597,456,942**	**4.21**
SUMMIT NARAYANGONJ POWER LTD.	HFO	579,819,840	7,205,723,089	12.43	555,630,912	8,764,417,269	15.77
KPCL -UNIT-2	HFO	567,316,032	7,518,747,116	13.25	550,334,801	9,073,899,786	16.49
KHANJAHAN ALI POWER LTD.	HFO	175,326,312	2,520,444,426	14.38	215,636,440	3,555,021,249	16.49
QUANTUM POWER NOWAPARA	HFO	-	-	-	-	-	-
IEL CONSOURTIUM & ASSOCIATES	HFO	472,889,424	7,446,686,718	15.75	525,934,377	8,718,526,060	16.58
ENERGIS POWER CORPORATION LTD.	HFO	183,616,308	3,029,834,085	16.50	-	-	-
DUTCH BANGLA POWER & ASSOCIATES LTD.	HFO	487,339,968	7,551,813,845	15.50	535,047,432	8,776,890,419	16.4
ACRON INFRASTRUCTURE SERVICE LTD.	HFO	567,052,650	6,843,209,070	12.07	584,394,000	9,004,691,659	15.41
AMNURA(SINHA POWER GENERATION)	HFO	152,832,460	2,866,149,946	18.75	100,300,464	2,146,682,717	21.4
POWER PAC MUTIARA KERANIGONJ	HFO	461,740,896	6,902,085,437	14.95	484,178,256	8,116,076,445	16.76
NORTHERN POWER	HFO	154,956,328	2,855,848,255	18.43	143,492,435	2,676,988,233	18.66
Total - Rental (HFO)		**3,802,890,218**	**54,740,541,987**	**14.39**	**3,694,949,116**	**60,833,193,837**	**16.46**
AGGREKO, INTERNATIONAL LTD.-55 MW	Diesel	87,359,290	2,144,726,874	24.55	129,232,190	3,061,693,280	23.69
AGGREKO, KHULNA(3 YEARS) LIQUID FUEL	Diesel	-	-		27,914,730	562,560,035	20.15
DPA POWER GEN. INT. LTD.	Diesel	122,837,590	2,934,498,240	23.89	160,165,910	3,780,331,824	23.6
QUANTUM POWER 100 MW BHERAMARA	Diesel	-	-		-	-	-
DESH ENERGY100 MW SIDDIRGONJ	Diesel	183,738,408	4,757,350,486	25.89	189,620,760	5,206,469,955	27.46
R Z POWER LTD.	Diesel	45,732,370	1,117,509,888	24.44	61,352,685	1,461,688,308	23.82
Total - Rental (Diesel)		**439,667,658**	**10,954,085,488**	**24.91**	**568,286,275**	**14,072,743,402**	**24.76**
Total Rental Plant		**9,858,392,807**	**87,747,847,923**	**8.90**	**9,633,078,007**	**97,503,394,182**	**10.12**

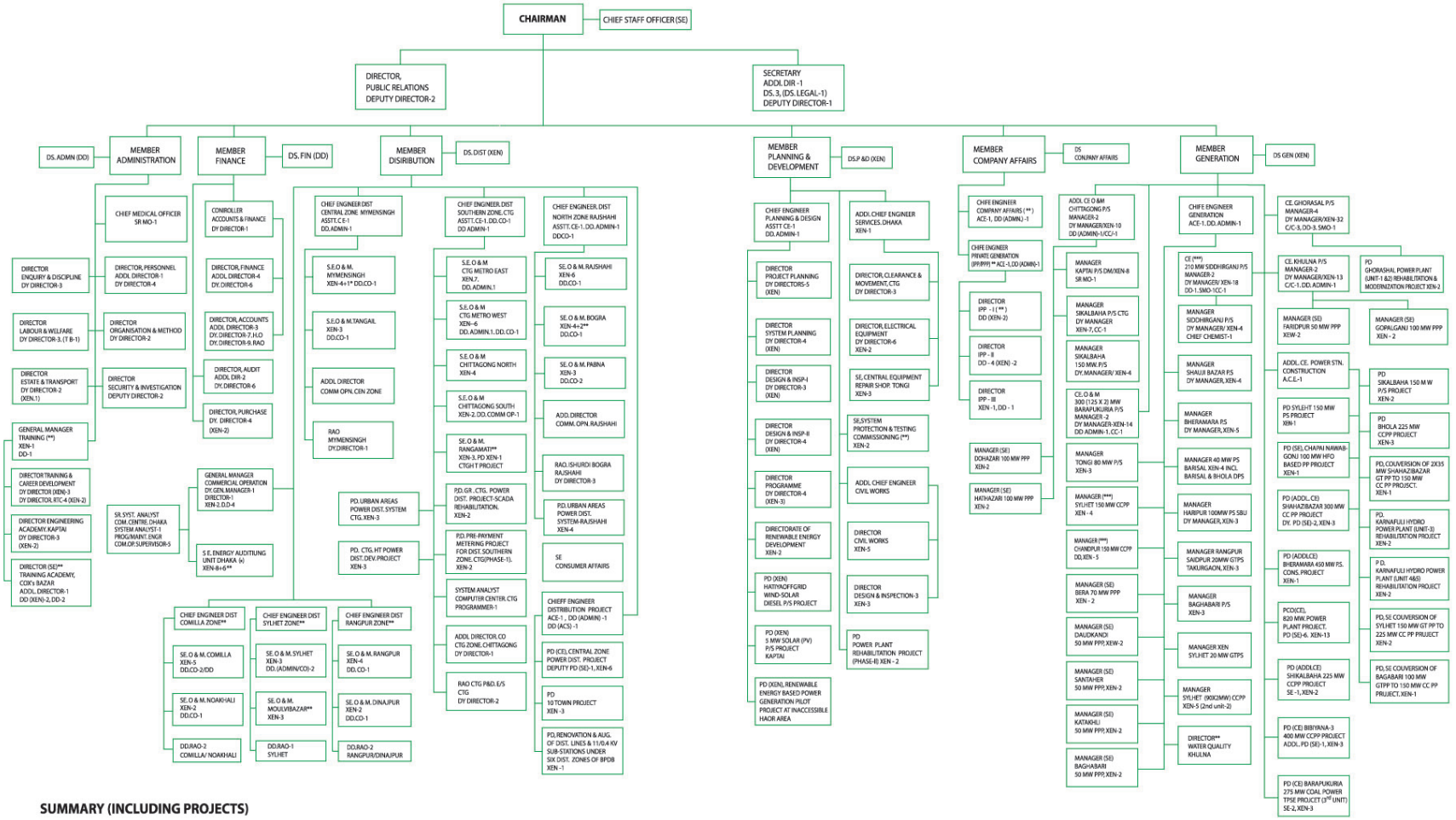
GENERATION COST (BPDB'S OWN POWER PLANT) FOR THE YEAR 2014-2015

Sl. No.	Generating Plant under Power Station	Capacity	Plant Factor	Net Generation kWh	Variable Cost				Fixed Cost		Total Generation Cost (Tk.)	Gen. Cost Tk/kWh
					Fuel Cost Tk	Fuel cost Tk/kWh	Variable O & M (Tk.)	Variable O & M Tk/kWh	Total Fixed Cost (Tk.)	Fixed Cost Tk/kWh		
1	2	3	4	5	6	7=(6/5)	8	9=8/5	10	11=10/5	12=6+8+10	13=12/5
1	KARNAFULI HYDRO POWER STATION	230	28%	566,186,147	-	-	23,390,275	0.04	558,550,080	0.99	581,940,355	1.03
	Total Water	**230**	**28%**	**566,186,147**	**-**	**-**	**23,390,275**	**0.04**	**558,550,080**	**0.99**	**581,940,355**	**1.03**
2	WIND BASE POWER STATION, KUTUBDIA	-		171,890	-	-	3,247,760	18.89	3,243,233	18.87	6,490,993	37.76
	Total Wind	**-**		**171,890**	**-**	**-**	**3,247,760**	**18.89**	**3,243,233**	**18.87**	**6,490,993**	**37.76**
3	BAGHABARI POWER STATION	171	55%	817,133,400	855,791,354	1.05	300,824,074	0.37	650,371,305	0.80	1,806,986,733	2.21
4	GHORASHAL POWER STATION	950	37%	3,052,153,442	2,882,755,767	0.94	285,435,960	0.09	2,987,037,072	0.98	6,155,228,800	2.02
5	CHITTAGONG POWER STATION, RAWZAN	420	23%	843,157,844	855,150,688	1.01	187,647,313	0.22	1,049,998,932	1.25	2,092,796,933	2.48
6	SHIKALBAHA POWER STATION	210	22%	400,686,913	415,756,447	1.04	44,475,916	0.11	509,587,224	1.27	969,819,588	2.42
7	KUMERGOAN GT POWER SYLHET	20	66%	116,043,620	135,373,398	1.17	643,497	0.01	47,349,536	0.41	183,366,431	1.58
8	SYLHET 150 MG PEAKING POWER PLANT	150	63%	827,738,777	796,071,803	0.96	2,766,633	0.00	652,264,558	0.79	1,451,102,994	1.75
9	FENCHUGANJ 2x 90 MW CCPP (1st & 2nd unit)	180	54%	845,985,868	800,070,075	0.95	36,891,737	0.04	536,002,811	0.63	1,372,964,622	1.62
10	SHAHJIBAZAR POWER STATION	117	45%	460,772,544	512,569,344	1.11	33,001,135	0.07	274,838,855	0.60	820,409,334	1.78
11	TONGI POWER STATION	109	18%	174,391,734	202,507,991	1.16	131,047,960	0.75	287,025,174	1.65	620,581,126	3.56
12	SIDDIRGONJ POWER STATION	210	34%	628,513,254	594,743,636	0.95	205,259,748	0.33	876,400,174	1.39	1,676,403,558	2.67
13	CHADPUR CC POWER PLANT	163	31%	442,559,734	354,813,913	0.80	169,642,110	0.38	647,198,682	1.46	1,171,654,705	2.65
14	Bhola 225 MW CCPP	-	-	(73,753)	-	-	-	-	8,660,958	(117.43)	8,660,958	(117.43)
15	SBU Haripur (cost of BPDB's book)	-	-	-	-		-	-	154,723,236	-	154,723,236	-
	Total Gas	**2700**	**36%**	**8,609,063,377**	**8,405,604,416**	**0.98**	**1,397,636,083**	**0.16**	**8,681,458,517**	**1.01**	**18,484,699,015**	**2.15**
16	BARAPUKURIA POWER STATION	250	43%	940,912,668	4,734,139,174	5.03	511,220,730	0.54	1,057,865,583	1.12	6,303,225,486	6.70
	Total Coal	**250**	**43%**	**940,912,668**	**4,734,139,174**	**5.03**	**511,220,730**	**0.54**	**1,057,865,583**	**1.12**	**6,303,225,486**	**6.70**
17	KHULNA POWER STATION	170	1%	10,734,940	328,646,097	30.61	33,562,971	3.13	291,753,875	27.18	653,962,943	60.92
18	BAGHABARI 50 PEAKING POWER PLANT	50	25%	109,171,846	1,681,354,835	15.40	8,579,249	0.08	435,660,028	3.99	2,125,594,113	19.47
19	BERA PEACKING POWER PLANT	71	20%	123,701,288	1,896,892,230	15.33	7,290,421	0.06	434,494,152	3.51	2,338,676,802	18.91
20	HATHAZARI PEACKING POWER PLANT	100	17%	152,748,374	2,159,572,336	14.14	75,793,061	0.50	716,548,405	4.69	2,951,913,802	19.33
21	DOHAZARI PEACKING POWER PLANT	100	19%	167,842,800	2,270,683,018	13.53	78,773,825	0.47	735,917,931	4.38	3,085,374,775	18.38
22	FARIDPUR PEACKING POWER PLANT	50	34%	148,868,160	2,151,026,162	14.45	97,999,967	0.66	482,475,467	3.24	2,731,501,596	18.35
23	GOPALGONJ PEAKING POWER PLANT	100	27%	235,567,844	3,624,523,606	15.39	139,022,139	0.59	700,308,932	2.97	4,463,854,677	18.95
24	DAUDKANDI PEACKING POWER PLANT	50	21%	92,242,200	1,317,293,869	14.28	32,704,370	0.35	493,742,468	5.35	1,843,740,707	19.99
25	SHANTAHAR 50MW POWER PLANT	50	19%	84,203,019	1,232,361,208	14.64	3,789,222	0.05	344,898,023	4.10	1,581,048,453	18.78
26	KATAKHALI 50MW POWER PLANT	50	21%	91,823,564	1,323,013,616	14.41	7,585,099	0.08	352,169,159	3.84	1,682,767,874	18.33
	Total (HFO)	**791**	**18%**	**1,216,904,035**	**17,985,366,978**	**14.78**	**485,100,323**	**0.40**	**4,987,968,441**	**4.10**	**23,458,435,742**	**19.28**
27	BHERAMARA POWER STATION	60	12%	65,092,348	1,993,700,385	30.63	106,788,560	1.64	152,279,454	2.34	2,252,768,399	34.61
28	BARISHAL GAS TURBINE POWER STATION	40	15%	51,906,706	1,682,643,283	32.42	79,644,751	1.53	70,638,737	1.36	1,832,926,771	35.31
29	BARISHAL DIESEL POWER STATION	-	-	(3,000)	-	-	349,329	(116.44)	30,588,842	(10,196.28)	30,938,171	(10,312.72)
30	BHOLA DIESEL POWER STATION	-	-	-	-		70,069		13,123,093		13,193,162	
31	SAYEDPUR GAS TURBINE POWER STATION	20	11%	19,273,510	580,094,252	30.10	36,159,201	1.88	48,257,005	2.50	664,510,457	34.48
32	RANGPUR GAS TURBINE POWER STATION	20	8%	13,698,124	434,950,362	31.75	60,625,646	4.43	36,867,719	2.69	532,443,726	38.87
33	SAYEDPUR DIESEL GENERATOR	-	-	-	-	-	210	-	312,993	-	313,203	-
34	THAKURGOAN DIESEL GENERATOR	-	-	-	-	-	-	-	-	-	-	-
35	KUTUBDIA DIESEL GENERATOR	1.5	0%	43,252	969,463	22.41	3,278,055	75.79	5,790,841	133.89	10,038,359	232.09
36	SANDIP DIESEL GENERATOR	2.64	3%	662,572	16,296,873	24.60	2,191,646	3.31	14,113,702	21.30	32,602,221	49.21
37	HATIYA DIESEL GENERATOR	2.2	6%	1,178,025	33,826,150	28.71	3,054,894	2.59	8,190,641	6.95	45,071,686	38.26
38	DGD, Dhaka	-	-	-	1,149,973	-	488,805	-	25,543,092	-	27,181,870	-
	Total (Diesel)	**146.34**	**12%**	**151,851,537**	**4,743,630,740**	**31.24**	**292,651,165**	**1.93**	**405,706,120**	**2.67**	**5,441,988,026**	**35.84**
	Grand Total	**4117.34**	**32%**	**11,485,089,654**	**35,868,741,308**	**3.12**	**2,713,246,337**	**0.24**	**15,694,791,973**	**1.37**	**54,276,779,618**	**4.73**

ORGANISATION CHART OF BANGLADESH POWER DEVELOPMENT BOARD

(SHOWING POSITION DOWN TO XEN / DD AND EQUIVALENT)

As on June, 2014



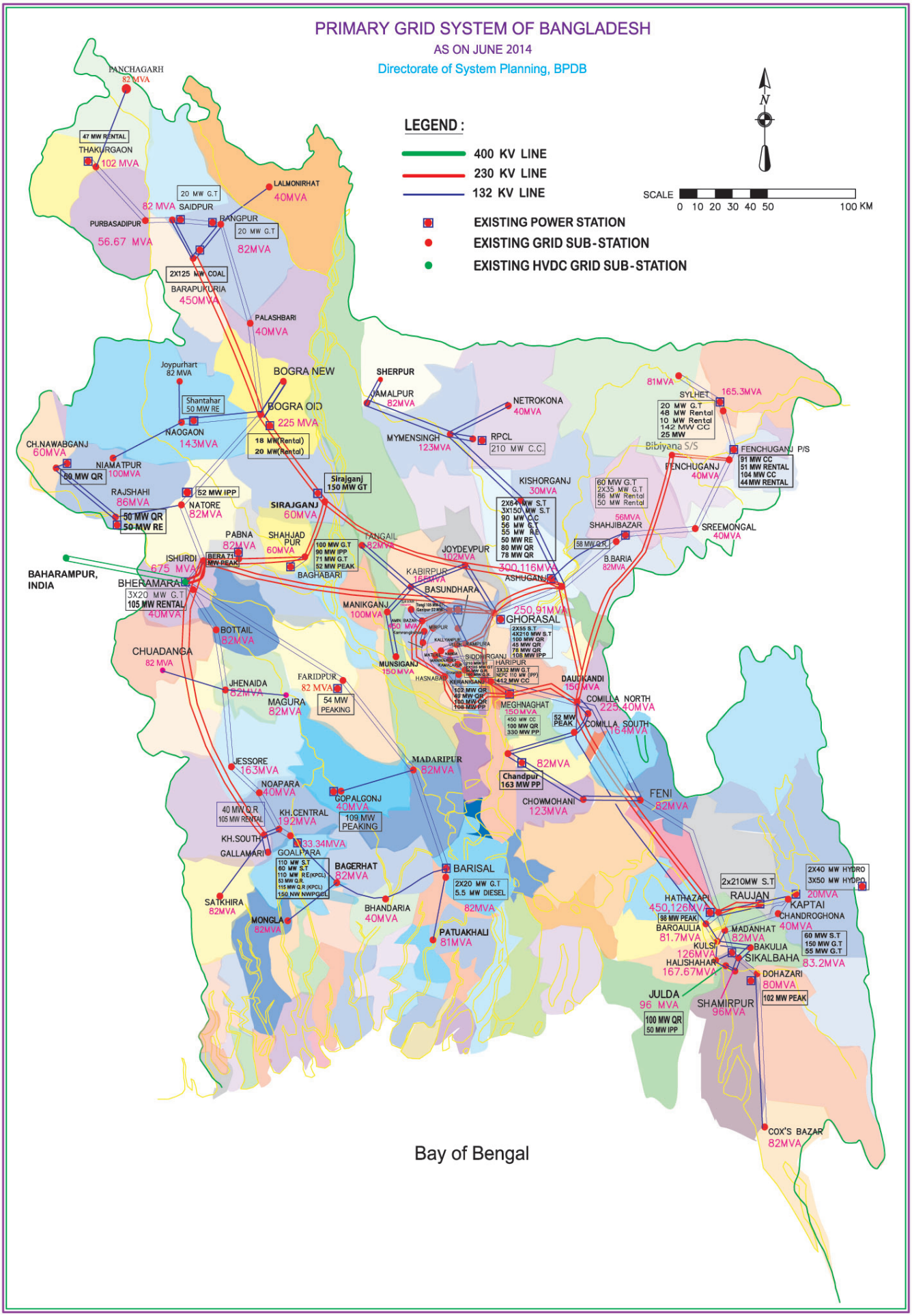
SUMMARY (INCLUDING PROJECTS)

CHAIRMAN-1, MEMBER-6, CHIEF ENGINEER-13+6**, G M/ADDL. CHIEF ENGINEER-8
CONTROLLER-1, CMO-1, MANAGER/DIRECTOR (TECH)/SE/DGM-91+7**, SR. SYSTEM ANALYST-1
SECRETARY/DIRECTOR (NON TECH)-13+1**, ADDL. DRECTOR-14 +1**
XEN/DD/DS/DM-329+25**, DD (NON TECH)-116+5 **, SYSTEM ANALYST-2
PROG. /M E/ COMPUTER ORERATION SUPERVISOR-6, CC-8, SMO-3

TOTAL SANCTIONED STRENGTH- 21,984

(*) 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 2014
Directorate of System Planning, BPDB
LEGEND :
400 KV LINE
230 KV LINE
132 KV LINE
EXISTING POWER STATION
EXISTING GRID SUB-STATION
EXISTING HVDC GRID SUB-STATION
N
SCALE
0 10 20 30 40 50
100 KM
PANCHAGARH
82 MVA
47 MW RENTAL
THAKURGAON
102 MVA
LALMONIRHAT
40MVA
20 MW G.T
82 MVA
SAIDPUR
PURBASADIPUR
56.67 MVA
RANGPUR
20 MW G.T
82MVA
2X125 MW COAL
BARAPUKURIA
450MVA
PALASHBARI
40MVA
Joypurhart
82 MVA
BOGRA NEW
SHERPUR
JAMALPUR
82MVA
Shantahar
50 MW RE
BOGRA OLD
225 MVA
NAOGAON
143MVA
18 MW(Rental)
20 MW(Rental)
NETROKONA
40MVA
MYMENSINGH
123MVA
RPCL
210 MW C.C.
81MVA
SYLHET
165.3MVA
20 MW G.T
48 MW Rental
10 MW Rental
142 MW CC
25 MW
Bibiyana S/S
FENCHUGANJ P/S
91 MW CC
51 MW RENTAL
104 MW CC
44 MW RENTAL
FENCHUGANJ
40MVA
CH.NAWABGANJ
60MVA
NIAMATPUR
100MVA
50 MW QR
Sirajganj
150 MW GT
KISHORGANJ
30MVA
60 MW G.T
2X35 MW G.T
86 MW Rental
50 MW Rental
RAJSHAHI
86MVA
52 MW IPP
NATORE
82MVA
SIRAJGANJ
60MVA
2X64 MW S.T
3X150 MW S.T
90 MW C.C
56 MW G.T
55 MW R.E
50 MW RE
80 MW QR
78 MW QR
56MVA
SHAHJIBAZAR
50 MW QR
50 MW RE
PABNA
82MVA
SHAHJAD PUR
60MVA
100 MW G.T
90 MW IPP
71 MW G.T
52 MW PEAK
TANGAIL
82MVA
JOYDEVPUR
102MVA
58 MW QR
B.BARIA
82MVA
SREEMONGAL
40MVA
ISHURDI
675 MVA
BERA 71 MW PEAK
BAGHABARI
KABIRPUR
154MVA
300.116MVA
ASHUGANJ
BAHARAMPUR, INDIA
BHERAMARA
3X20 MW G.T
105 MW RENTAL
40MVA
BASUNDHARA
MANIKGANJ
100MVA
250.91MVA
GHORASAL
2X55 S.T
4X210 MW S.T
100 MW QR
45 MW QR
78 MW QR
108 MW IPP
BOTTAIL
82MVA
CHUADANGA
82 MVA
MUNSIGANJ
150 MVA
SIDDHIRGANJ
HARIPUR
3X32 MW G.T
NEPC 110 MW (PP)
412 MW CC
HASNABAD
KERANIGANJ
102 MW QR
40 MW QR
180 MW QR
108 MW PP
DAUDKANDI
150 MVA
COMILLA NORTH
225.40MVA
JHENAIDA
82MVA
FARIDPUR
82 MVA
MAGURA
82MVA
54 MW PEAKING
MEGHNAGHAT
150MVA
450 MW CC
100 MW QR
330 MW PP
52 MW PEAK
COMILLA SOUTH
164MVA
JESSORE
163MVA
MADARIPUR
82MVA
82MVA
Chandpur
163 MW PP
NOAPARA
40MVA
GOPALGONJ
40MVA
CHOWMOHANI
123MVA
FENI
82MVA
40 MW QR
105 MW RENTAL
KH.CENTRAL
192MVA
109 MW PEAKING
KH.SOUTH
133.34MVA
GALLAMARI
GOALPARA
110 MW S.T
60 MW S.T
110 MW RE(KPCL)
53 MW Q.R.
115 MW Q.R (KPCL)
150 MW NWPGCL
BAGERHAT
82MVA
BARISAL
2X20 MW G.T
5.5 MW DIESEL
82MVA
2x210MW S.T
RAUJAN
2X40 MW HYDRO
3X50 MW HYDRO
20MVA
KAPTAI
CHANDROGHONA
40MVA
SATKHIRA
82MVA
BHANDARIA
40MVA
HATHAZARI
450,126MVA
98 MW PEAK
BAROAULIA
81.7MVA
MADANHAT
82MVA
60 MW S.T
150 MW G.T
55 MW G.T
MONGLA
82MVA
PATUAKHALI
81MVA
KULSI
126MVA
BAKULIA
SIKALBAHA
83.2MVA
HALISHAHAR
167.67MVA
DOHAZARI
80MVA
102 MW PEAK
JULDA
96 MVA
100 MW QR
50 MW IPP
SHAMIRPUR
96MVA
COX'S BAZAR
82MVA
Bay of Bengal

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