Annual Report
2015-2016

Bangladesh Power Development Board

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Vision

To deliver uninterrupted quality power to all

Mission

To secure continuous growth of electricity for sustainable development and ensure customer satisfaction.

Objectives

- To be engaged in implementing the development program of the government in the power sector;
- To adopt modern technology and ensure optimum utilization of the primary and alternative source of fuel for sustainable development of power generation projects;
- To purchase power as a Single Buyer from power producers;
- To provide reliable power supply to customers enabling socio economic development;
- To promote a work culture, team spirit and inventiveness to overcome challenges;
- To promote ideas, talent and value systems for employees.

From the desk of Chairman

I am honoured to present the Annual Report of Bangladesh Power Development Board (BPDB) for the financial year 2015-2016. Bangladesh Power Development Board's contribution so far in power sector development is not only significant but also inspiring. The focus of the organisation is to fulfill the government's vision of providing electricity to all by 2021 and reaching the goal of middle income country by the same period.

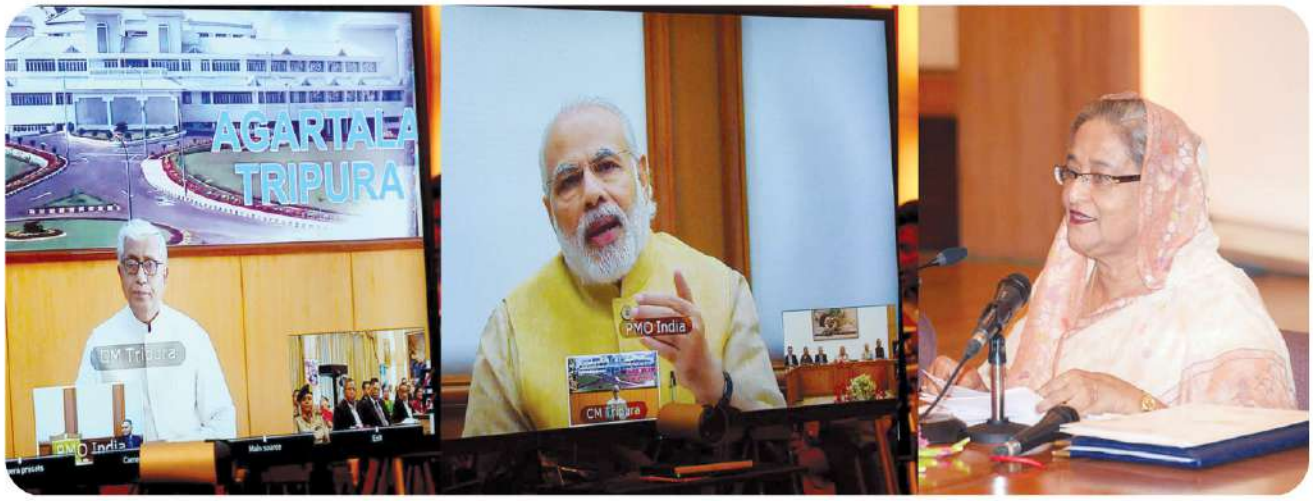
It may be mentioned that in the fiscal year 2015-16 progress in power generation was remarkable. During this fiscal year 929 MW new capacity including 100 MW import from India has been added which raised the total generation capacity to 12,365 MW. Out of this new capacity addition, BPDB installed 533 MW including contracted capacity of IPPs and 149 MW was installed by joint venture of BPDB-RPCL. In the said year we experienced the highest 9036 MW power generation in the country so far, which was 15.59% higher than the previous year. Total net energy generation in FY 2016 was 52,193 GWh, which was about 13.87% higher than previous year's net generation of 45,836 GWh. During the year under report average load shedding came down to a minimum level despite increasing demand of electricity. It gives me great pride to see the comfort we gave the consumers in the said year.

To cope with the increasing demand of electricity government is implementing diversified power generation plan. 30 power generation projects of capacity 10,743 MW are now under construction. There is a goal to add around 18,000 MW new generation by 2021 when Bangladesh is expected to become a middle income country.

In the said year distribution system loss of BPDB's six zones came down to 11.01% from 11.17% of previous year. Per capita generation and consumption (Grid) increased to 324 kWh & 281 kWh from 290 kWh & 251 kWh of previous year respectively. Total revenue collection also increased to 2,22,382 MTk from 1,93,013 MTk which is 15.22% higher than the previous year. The net operating loss in the FY 2015-16 decreased to 38.74 Billion Taka from 72.83 Billion Taka of previous year. BPDB has introduced 'Snapshot' in meter reading system, alongside other consumer friendly measures for providing better service to consumers. BPDB has also been conducting substantial training programme to develope a trained human resource.

We believe that we are at the forefront as a leader of the power sector and we are conscious about materializing BPDB's vision of providing uninterrupted quality power to all. I assume, the information provided in BPDB annual report 2015-2016 will help those who need it.

Khaled Mahmood
Chairman
Bangladesh Power Development Board



Hon'ble Prime Minister of Bangladesh Sheikh Hasina, Hon'ble Prime Minister of India Mr. Narendra Modi and Chief Minister of Tripura Mr. Manik Sarkar inaugurated the 100 MW power import from Tripura through video conference .

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Present Board

(January, 2017)

Khaled Mahmood
Chairman

Md. Nur-Ur-Rahman
Member (Administration)

Md. Zahurul Haque
Member (Finance)

Abul Baser Khan
Member (Generation)

Sk. Md. Alauddin
Member (Distribution)

Md. Mahfuzur Rahman
Member (Company Affairs)

Md. Azharul Islam
Member (P & D)

About BPDB

Bangladesh Power Development Board (BPDB) is a statutory body created in May 31, 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 44 years' service, the installed capacity of the country increased to 12,365 MW at the end of the FY 2015-2016.

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 17,984 MW from 2016 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 (2015-16) Chairman and Members of the Board:

Chairman

Mr. Md. Shahinul Islam Khan (Upto 19.07.15)
Mr. K.M. Hassan (From 20.07.15 to 31.12.15)
Mr. Md. Azizul Islam (From 01.01.16 to 18.01.16)
Mr. Md. Shamsul Hassan Miah (From 19.01.16)

Member (Administration)

Mr. Lokman Hossain Miah

Member (Finance)

Mr. Md. Azizul Islam

Member (Generation)

Mr. Md. Shamsul Hassan Miah (Upto 13.07.15)
Mr. Minhazuddin Ahmed (From 13.07.15 to 12.01.16)
Mr. Khaled Mahmood (From 13.01.16)

Member (Distribution)

Mr. K.M. Hassan (Upto 16.07.15)
Mr. ABM Mizanur Rahman ((From 20.07. 15 to 17.01.16)
Mr. Minhazuddin Ahmed (From 17.01.16 to 29.02.16)
Mr. Sk. Md. Alauddin (From 01.03.16)

Member (Planning & Development)

Mr. ABM Mizanur Rahman (Upto 12.07.15)
Mr. A.T.M. Zahirul Islam Majumder (From 13.07.15 to 04.01.16)
Mr. Abul Baser Khan (From 13.01.16)

Member (Company Affairs)

Mr. Md. Shamsul Hassan Miah (Upto 19.01.16)
Mr. Khaled Mahmood (From 20.01.16 to 12.03.16)
Mr. Minhazuddin Ahmed (From 13.03.16)

HIGHLIGHTS

Power sector witnessed significant progress in power generation in the fiscal year 2015-16. During this fiscal year 929 MW (including 100 MW import from India) new capacity added from the newly installed power plants which raised the total generation capacity to 12,365 MW and annual increment of generation capacity was 7.20%. Out of this new capacity addition, BPDB installed 533 MW (including contracted capacity of IPPs) and the remaining 72 MW was installed by NWPGCL, 75 MW was installed by APSCL, 149 MW was installed by joint venture of BPDB-RPCL. The highest peak generation was 9036 MW and the total energy generated 52,193 GWh which was 15.59% and 13.87% 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, 30 power generation projects of capacity 10,743 MW are now under construction. The plan envisages around 17,984 MW new generation addition by 2021.

Gas based power generation increased to 12.54% from previous year. Power generation from liquid fuel increased by 17.77% but due to price decreased of liquid fuel cost of power generation lower compare to previous year.

In this fiscal year, BPDB sold bulk energy of 48,895 GWh to the distribution utilities including BPDB zones as single buyer and retail sales of BPDB's six distribution zones was 10,820 MkWh, which was 14.73% and 16.16% higher than the previous year respectively. Distribution system loss of BPDB's six zones came down to 11.01% from 11.17% of previous year. Collection/Import (C/I) ratio increased to 85.34% from 85.29%. Per capita generation and consumption (Grid) increased to 324 kWh & 281 kWh from 290 kWh & 251 kWh respectively of previous year.

The net operating loss in FY 2015-16 decreased to 38.74 Billion Taka from 72.83 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

S.N.	Particulars	Year 2014-15	Year 2015-16	% Change over the previous year
1	**Installed Capacity of Power Plants as of June (MW):**			
	a) Public Sector			
	i) BPDB	4,126	4,320	4.70
	ii) APSCL	829	904	9.05
	iii) EGCB	622	622	0.00
	iv) RPCL	77	77	0.00
	v) NWPGCL	368	440	19.57
	vi) BPDB-RPCL JV	0	149	
	b) Private Sector :			
	i) IPP/SIPP	2,635	2,974	12.87
	ii) Rental	2,126	2,028	-4.61
	c) REB (for PBS's only)	251	251	0.00
	d) Energy Import	500	600	20.00
	e) System Total Installed Capacity (MW)	11,534	12,365	7.20
2	Maximum Peak Generation (MW)	7,817	9,036	15.59
3	Maximum Peak Demand (MW)	10,283	11,405	10.91
4	Net Energy generation (GWh):			
	a) i) Public Sectors	21,103	22,586	7.02
	ii) Private Sectors (IPP, SIPP and Rental)	19,255	23,786	23.53
	iii) Energy Import	3,380	3,822	13.09
	iv) Total Generation (In account of Single Buyer)	43,738	50,194	14.76
	b) REB (for PBS's only)	2,098	1,999	-4.69
	c) System Total Generation (GWh)	45,836	52,193	13.87
5	Per Unit Generation Cost in Public & Private (Tk/Kwh)	5.86	5.10	-12.96
6	a) Fuel Cost for Thermal Plants in Public Sector (MTk)	58,537	60,652	3.61
	b) Per Unit fuel Cost for thermal Plants (Tk/KWh)	2.8	3.10	1.79
7	Annual Plant Factor of Public Sector's Power Plants (%)	46.53	46.22	3.31
8	System load factor (%)	63.87	63.41	-0.72
9	BPDB's Commercial Activities as Single Buyer :			
	a) Bulk Sales Unit to Utilities (GWh)	42,616	48,895	14.73
	b) Bulk Billing Amount (MTk)	204,951	245,744	19.90
	c) Bulk Collection Amount (MTk)	193,013	222,382	15.22
	d) Accounts Receivables to Utilities (MTk)	85,649	105,609	23.30
10	Transmission Loss (%)	2.74	2.73	-0.36
11	Ave. Bulk Electricity Supply cost Taka/kWh	6.27	5.55	-9.73
12	BPDB's Commercial Activities with in Distribution Zones :			
	a) Energy Imports for Retail Sale (MKWh)	10,486	12,159	15.95
	b) Retail Sales Unit (MKWh)	9,315	10,820	16.16
	c) Retail Billing Amount (MTk)	57,054	69,379	21.60
	d) Retail Collection Amount (MTk)	54,781	66,531	21.45
	e) Accounts Receivables to Retail Consumers (MTk)	14,755	18,696	26.71
	f) Collection/Bill Ratio (%)	94,89	95.90	1.06
	g) Collection/Import Ratio (%)	83.55	85.34	2.14
	h) Distribution System loss (%)	11.17	11.01	-1.43
13	Transmission and Distribution (T & D) system Loss (%)	13.55	13.10	-3.32
14	Total Number of consumers of BPDB (Nos.)	3,157,030	3,457,263	9.51
15	Total Population in the Country (Million)	159	161	1.24
16	Per capita generation (kWh)	290	324	11.79
17	Per capita Consumption (kWh)	251	281	11.95
18	Net profit/(loss) (MTk)	(72,829)	(38738)	-46.81

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

Inauguration of four Power Plants and providing electricity connections to six thousand consumers of Kotalipara by Hon'ble Prime Minister Sheikh Hasina through video conference from Ganabhaban.

A meeting between Bangladesh and India regarding import of 100 MW power from Tripura headed by Mr. Nasrul Hamid MP, State Minister for Power, Energy and Mineral Resources and Mr. Manik Dey, Minister for Urban Development, Rural Development and Transport Ministry of Tripura respectively.

Chapter-1

Overview on BPDB Operations

GENERATION

Electricity Demand

Demand of electricity is increasing rapidly due to enhanced economic activities in the country with sustained GDP growth. The maximum demand in FY 2016 was 11,405 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 installed capacity was 12,365 MW which includes 2974 MW IPP/SIPP, 2,028 MW Rental Power Plant & 251 MW REB (for PBS) and 600 MW Power Import from India. The maximum peak generation was 9,036 MW which was 15.59% higher than that in the previous year. The reasons for lower peak generation with respect to generation capacity were: (i) some plants were 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:

Installed Capacity by Plant & Fuel Type

By type of plant		By type of fuel	
Hydro	230 MW (1.86 %)	Gas	7,628 MW (61.69%)
Steam Turbine	2,578 MW (20.85%)	Furnace Oil	2,629 MW (21.26%)
Gas Turbine	1,193 MW (9.65 %)	Diesel	1028 MW (8.31%)
Combined Cycle	3,293 MW (29.63%)	Power Import	600 MW (4.85%)
Power Import	600 MW (4.85%)	Hydro	230 MW (1.86 %)
Reciprocating Engine	4,471 MW (36.16%)	Coal	250 MW (2.02%)
Total	**12,365 MW (100%)**	**Total**	**12,365 MW (100%)**

Energy Generation

Total net energy generation in FY 2016 was 52,193 GWh, which was about 13.87% higher than previous year's net generation of 45,836 GWh. Net energy generation in the public sector was 22,586 GWh and 25,785 GWh in the private sector. Another 3822 GWh was imported from India through the interconnection in Bheramara and Tripura.

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

Hydro	962 GWh (1.844%)
Natural Gas	35,822 GWh (68.633%)
Furnace Oil	8,673 GWh (16.617%)
Diesel	2,067 GWh (3.960%)
Coal	847 GWh (1.62%)
Power Import	3,822 GWh (7.32%)
Total	**52,193 GWh (100%)**

Plant Efficiency and Maintenance

The overall thermal efficiency (Net) of the public sector power plants in FY 2016 was 33.29%, higher than previous year's of 33.06% efficiency.

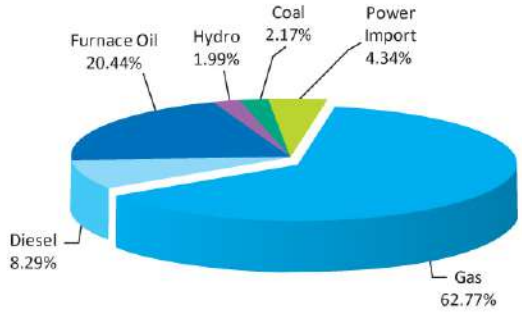
Three years maintenance plan has been prepared at the beginning of FY 2015 to improve overall thermal efficiency. Below is the list of the major power plants which were under maintenance in the year under review:

Maintenance of Power Plants In FY 2015-16

S.N.	Name of Power Station	Present Capacity (MW)	Type of Maintenance (HGPI/MI/OH)	Duration of Maintenance	
				Starting Date	Completion Date
1.	Ghorashal ST Unit-4	180	Overhauling	05/01/2015	27/05/2016
2.	Chittagong ST Unit-2	180	Overhauling	18/10/2015	17/03/2016
3.	Shikalbaha ST	40	Overhauling	02/12/2015	05/08/2016
4.	Fenchuganj CCPP GT - 2	30	Major Overhauling	01/12/2015	19/01/2016
5.	Fenchuganj CCPP GT - 3	30	Hot Gas Path Inspection	01/05/2016	27/05/2016
6.	Shahjibazar GT - 8	33	Major Inspection	22/02/2016	06/04/2016
7.	Shahijibazar GT - 9	33	Major Inspection	17/04/2016	31/05/2016
8.	Rangpur GT	20	Hot Gas Path Inspection and Upgradation of Control System	03/11/2015	26/12/2015
9.	Saidpur GT	20	Overhauling and Upgradation of Control System	27/12/2015	19/06/2016
10.	Barisal GT Unit-1	15	Upgradation of Control System	18/02/2016	10/04/2016

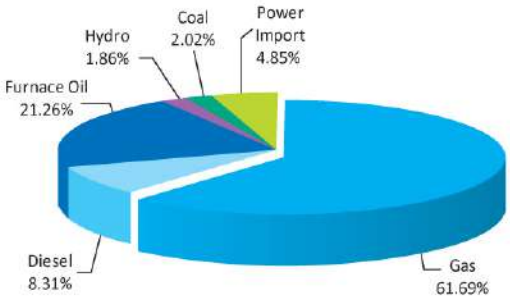
Installed Capacity (National) By Fuel Type With Comparison

(FY 2015)



Total : 11,534 MW

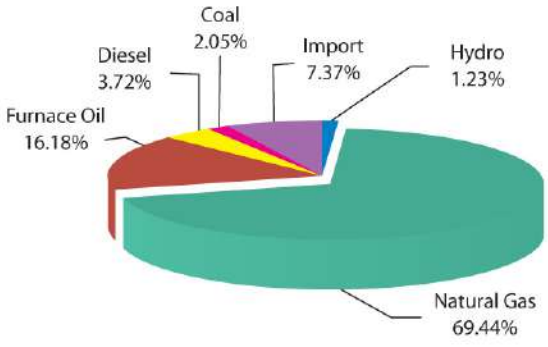
(FY 2016)



Total : 12,365 MW

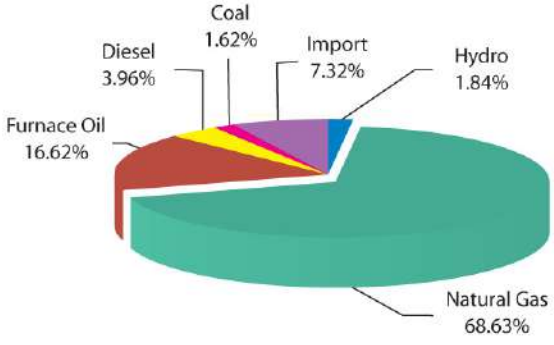
Total Net Generation (National) By Fuel

(FY 2014-15)



Total Net Generation : 45,835 MkWh

(FY 2015-16)



Total Net Generation : 52,193 MkWh

TRANSMISSION

Transmission Line

During fiscal year 2015-16, 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 2.73% than that of previous year. The line details are as below:

S.N.	Transmission Line	Conductor Name & Size	Length (Circuit km.)
1.	400kV Tripura-Comilla double circuit line (Bangladesh Part)	Twin Finch 2x1113 MCM	56
2.	230kV LILO of Comilla(N)-Hathazari double circuit line at AKSPL	Twin Finch 2x1113 MCM	13
3.	230kV LILO of Comilla(N)-Hathazari double circuit line at BSRM	Twin Finch 2x1113 MCM	0.72
4.	132kV Comilla(S)-Comilla(N) double circuit line	Grosbeak 2x 636 MCM	38
5.	132kV Goalpara-Bagerhat double circuit line	Grosbeak 2x 636 MCM	90
Total			**197.72 ckt.km**

Total length of 400KV transmission line increased to 221 circuit km from the previous year of 165 circuit km and 230 kV transmission line increased to 3,185 circuit km from the previous year of 3,171 circuit km. The total length of 132 kV transmission line increased to 6,487 circuit km from the previous year of 6,359 circuit km

Grid Sub-stations

During fiscal year 2015-16, 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 2015-16 has enhanced by 7.98% at different voltage level. The substations' capacity details are as below:

New Sub-stations

S.N.	Substation Name	Capacity
1.	230/132 kV AKSPL Substation (Private)	1x130/150 MVA 1x80 MVA
2.	230/33 kV Bhola Substation (BPDB)	1x60 MVA (230/33kV)
3.	230/33kV BSRM Substation (Private)	2x130/140 (230/33 kV)
4.	132/33kV Amnura Substation	1x35/50 (132/33 kV)

Augmentation of Existing Sub-station Capacity

S.N.	Substation Name	Capacity
1	Barisal 230/132 kV	300 MVA
2	Satmasjid 132/33 kV	120 MVA
3	Bakulia 132/33 kV	75 MVA
4	Barapukuria 132/33 kV	24 MVA
5	Dohazari 132/33 kV	70 MVA
6	Bhandaria 132/33 kV	42 MVA
7	Hathazari 132/33 kV	12 MVA
8	Ishurdi 132/33 kV	12 MVA
9	Joydevpur 132/33 kV	70 MVA
10	Kishoreganj 132/33 kV	21 MVA
11	Lalmonirhat 132/33 kV	36 MVA
12	Madunaghat 132/33 kV	28 MVA
13	Noapara 132/33 kV	63 MVA
14	Palashbari 132/33 kV	20 MVA
15	Purbasadipur 132/33 kV	20 MVA
16	Sikalbaha 132/33 kV	34 MVA
17	Srimongal 132/33 kV	20 MVA
18	Sirajgan 132/33 kV	30 MVA

Transmission Summary

S.N.	Transmission Line Type	Circuit km
01	400 kV Transmission Line	221
02	230 kV Transmission Line	3185
03	132 kV Transmission Line	6487
	Total Transmission Line	**9,893**
	Transmission Loss (%)	2.73%

S. N.	Sub-station Type	No of Substation	Capacity (MVA)
1.	400 kV HVDC Sub-Station (MVA)	1	625
2.	400/230 kV Sub-Station Capacity (MVA)	1	520
3.	230/132 kV Sub-Station Capacity (MVA)	21*	10,585
4.	132/33 kV Sub-Station Capacity (MVA)	115	15,585
	Total	**138**	**27,315**

* Excluding 2 Switching Sub-stations

Grid System Operation

In FY 2016, total duration of Power interruption in the grid network was 17 hours 07 minutes.

Interruption of National Grid for FY 2015 and FY 2016

S.N.	Type of Fault	Total Number of Faults		Total Duration	
		FY 2015	FY 2016	FY 2015 Hours/ Minutes	FY 2016 Hours/ Minutes
1.	Partial Power failure due to trouble in generation	123	111	08/40	11/57
2.	Partial Power failure due to trouble in grid S/S Equipment	01	00	00/17	00/00
3.	Partial Power failure due to fault in transmission line	04	01	01/22	05/10
4.	Partial Power failure due to the lightning on transmission line/Thunder Storm	03	00	03/48	00/00
5.	Partial Grid failure	00	00	00/00	00/00
6.	Total Grid failure	01	00	10/55	00/00
	Total	**132**	**112**	**25/02**	**17/07**

Signing of MoU between BPDB and SEPCO, China for establishing a 1320 MW Coal Based Power Plant at Maheshkhali.

BULK ELECTRICITY SALES BY BPDB

Signing ceremony of financial agreement between BPDB and HSBC for financing in repowering of Ghorashal 3rd unit .

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 which purchase electricity from BPDB are as follows:

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

In FY 2015-16 bulk electricity sales to the distribution utilities increased to 48,895 MkWh from 42,616 MkWh which is 14.73% higher than the previous year. Total revenue collection also increased to 2,22,382 MTk from 1,93,013 MTk which is 15.22% higher than the previous year.

Utility Wise Billing & Collection Statistics of BPDB

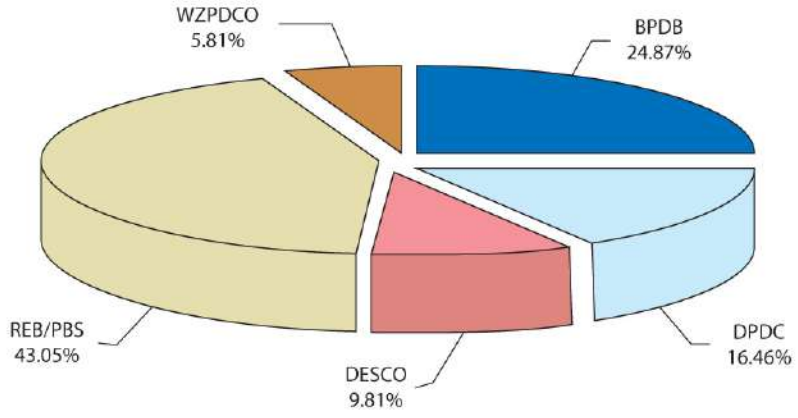
Name of Utility	Billed Amount (Million Tk)		Collected Amount (Million Tk)		Accounts Receivable (Million Tk)			Coll/Bill Ratio (%)	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	% increase over the previous year	2014-15	2015-16
BPDB's Dist. Zones(in/c PS & GK)	57,054	69,379	54,781	66,531	14,755	18,696	26.71	96.02	95.90
WZPDCL	11,434	13,132	11,232	12,865	2,220	2,528	13.87	98.23	97.97
DPDC	41,119	47,236	33,631	30,449	47,043	60,063	27.68	81.79	64.46
DESCO	23,355	27,665	23,193	26,792	6,560	6,650	1.38	99.31	96.84
REB/PBS's	71,989	88,333	70,176	85,746	15,072	17,672	17.25	97.48	97.07
TOTAL	**204,951**	**245,744**	**193,013**	**222,382**	**85,649**	**105,609**	**23.30**	**94.18**	**90.49**

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	7,039	20,398
2005-06	5,180	5,316	2,030	1,373	8,062	21,961
2006-07	5,305	5,243	2,191	1,282	8,040	22,061
2007-08	5,626	5,204	2,574	1,375	8,655	23,433
2008-09	6,042	5,449	2,743	1,491	9,032	24,757
2009-10	6,744	5,749	2,934	1,673	9,525	26,626
2010-11	7,338	5,964	3,123	1,843	10,359	28,627
2011-12	8,136	6,340	3,401	2,029	12,537	32,443
2012-13	8,737	6,593	3,726	2,187	14,222	35,466
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
2015-16	12,159	8,047	4,795	2,843	21,051	48,895

Utility Wise Bulk Sales (FY 2015-16)



Total Sales : 48,895 MkWh

DISTRIBUTION

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

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

Distribution network

In FY 2016, BPDB has extended about 1315.85 km distribution lines as a part of continuous improvement of the system. BPDB covers electrification in 256 thanas/upazillas and 5,947 villages within its six distribution zones up to the end of this fiscal year. The distribution networks possess:

33 kV line	4194 km
11 kV line	14112 km
0.4 kV line	23614 km
33/11 kV Sub-station	183 nos.
Total capacity of 33/11 kV Sub-station	*3593/4694 MVA*

Number of consumers

During this fiscal year, BPDB has provided total 3,00,148 new connections and the total number of consumers has been increased to 34,57,178 and the annual increment was 9.51%.

Distribution system loss

BPDB's distribution zones imported 12,159 MkWh energy from the single buyer for retail sale in its six zones and sold 10,820 MkWh to the consumers in FY 2016 that results 11.01% distribution system loss which was 11.17% in FY 2015.

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 given beside :

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 higher 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.

Contract signing ceremony between BPDB and Hexing Ltd. for installation of one lac 39 thousand pre-payment meters in Chittagong Area.

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.

BPDB also has a plan to set up one SCADA in Dhaka to monitor/control 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

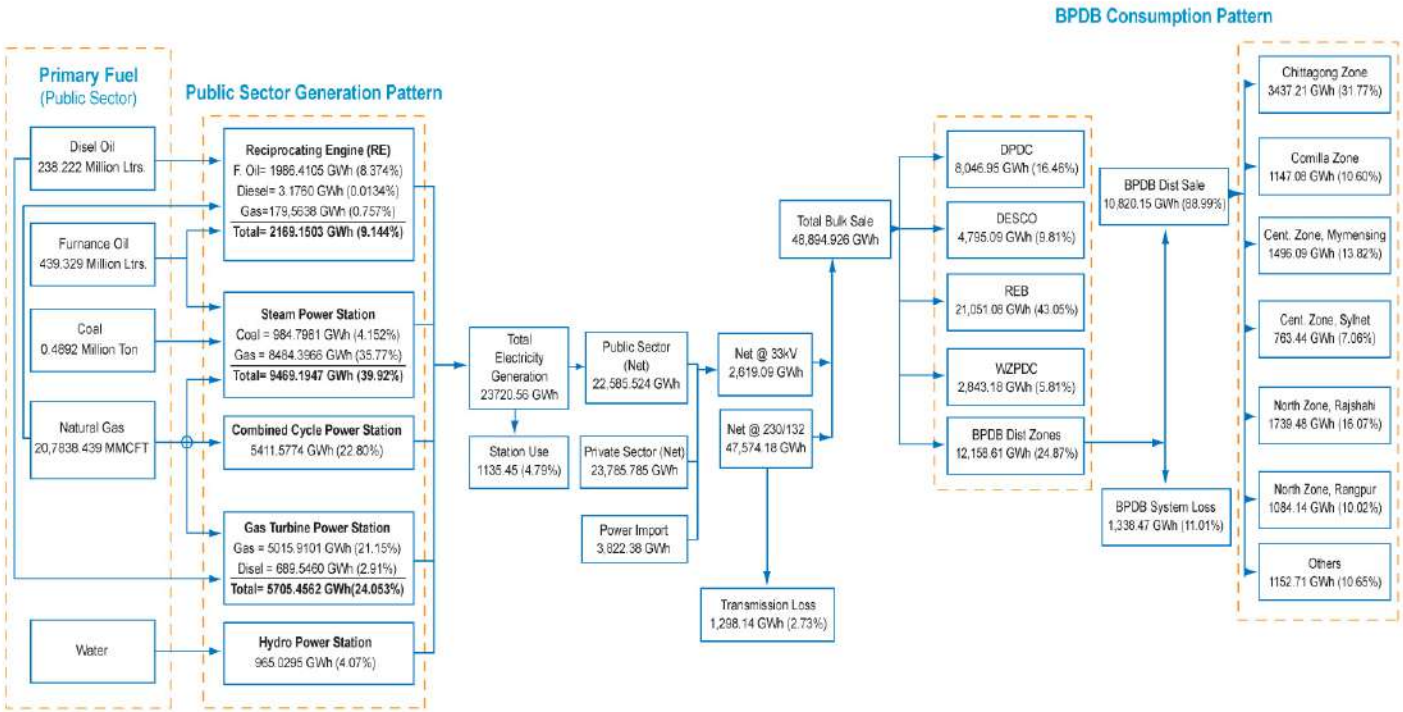
Demand-side management (DSM) means modifying energy use to maximize energy efficiency. DSM tries to get maximum benefit out of existing energy generation. DSM involves changing usage habits of consumers and encouraging them for using energy efficient appliances, equipment etc. at their premises.

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 is 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, thereby reduces load shedding.

ENERGY FLOW CHART
(FY 2016)



Chapter-2

Power Sector Development Plan

Power Sector of Bangladesh

Power Sector Scenario

Electricity plays the most basic role in the economic growth through sustainable structure as well as poverty eradication and security of any country. Reliable electricity supply is a vital issue for the world today. Future economic growth crucially depends on the long-term availability of electricity, which are affordable, available and environmentally friendly. Security, climate change and public health are closely interrelated with electricity. In line with this aspect, Bangladesh Government designed an extensive power generation plan to create sustainable growth of power sector and for overall development of the country economy.

Present (up to October 2016) installed generation capacity in public, private & import sector is 13,000 MW. Out of this, public sector possesses 7092 MW (55%) & import 600MW (5%). Electricity demand is increasing whereas the available generation also increases against demand. In the public sector, a number of generation units have become very old and has been operating at a reduced capacity. Moreover, most of the existing power plants are gas based. Due to shortage of gas supply, some power plants are unable to reach their usual generation capability. Up to date, maximum generation achieved is 9,036 MW on June 30, 2016. In FY 2016, 76% of the total population has access to electricity and per capita generation has increased to 407 kWh. Now Bangladesh has shown implausible achievement in power sector. The target of the government has been implemented successfully and has even been able to achieve the higher level of growth economic growth.

Long Term Power Generation Plan

- A long-term plan of electricity generation against the demand up to 2030 has been incorporated in the PSMP 2010. Under the plan, generation capacity requirement in 2021 will be 24,000 MW against the demand of 20,000 MW and in 2030 generation capacity will be 39,000 MW against the demand of 33,000 MW. Around 50% power will be generated from the domestic and imported coal and 23% will be generated from Gas/LNG out of the total generation capacity 39,000 MW in 2030.

- The PSMP is updated every 5 years due to change of planning perspective. As per planning perspective, PSMP-2016 has been compiled including the strategy of diversifying primary fuel supply. The plan period of this study is 2016-2041. This master plan has been published soon after the approval of the government. The plan will be implemented to reach the middle income and develop country.

Implementation Status of Power Generation Plan up to 2021

Till now, generation from gas is much higher than other fuels like hydro, coal etc. For this reason, government has taken strategic decision to diversify primary fuel supply for power generation. In line with this strategy, a sustainable long-term power development plan has been prepared for mitigation of the growing demand to reach the generation capacity 24000 MW by 2021. Under this plan, the coal (indigenous or imported), imported power from neighboring countries, the limited domestic gas, nuclear power and LNG, renewable will be used for power generation. Government has also taken energy efficiency and conservation program for reduction of the growing power demand.

Revised generation expansion plan updated in August 2016 targeting about 18,000 MW generation additions from 2016 to 2021 is provided in a table below:

Yearwise generation projects to be completed (From 2016 to 2021)

Year	2016 (MW)	2017 (MW)	2018 (MW)	2019 (MW)	2020 (MW)	2021 (MW)	Total
Public	1015	1875	1289	1987	2236	1200	9602
Private	481	213	1404	1402	1224	2658	7382
Power Import	100		500			400	1000
Total	**1596**	**2088**	**3193**	**3389**	**3460**	**4258**	**17984**

Under Construction and Tendering Process Projects

Under this above plan, 32 projects of capacity 11,209 MW are now in under construction stage. 30 projects of capacity 4909 MW are now in the various stages of procurement process. These projects will be signed contract in phase. The under construction and tendering process projects will be implemented in phase during the period 2016-2021.

Under Construction Projects

S.N.	Description	No. of Projects	Capacity (MW)
01.	Public Sector	16	6819
02.	Private Sector	16	4390
	Total	**32**	**11,209**

Projects under Tendering Process

SN	Type of Power Plant	Power Plant No	Installed Capacity (MW)
01.	Public Sector	6	1988
02.	Private Sector	24	2921
	Total	**30**	**4909**

Transmission & Distribution System

Transmission of generated power from power plants to the load centers and then distribution to the end users must be ensured to achieve the real benefits out of the above generation expansion program. In FY 2016, a total 9893 km (circuit km) transmission lines and 357,000 Km distribution lines have been connected to the power system network. Government has initiated several extra high voltage transmission projects for power evacuation for major coal power projects.

The first Bangladesh-India Regional Grid Interconnection project has already been established and now 500 MW power is being imported through this line. Additional 500 MW power will be imported through the same line from 2018. 100 MW power is being imported from Tripura, India to Comilla from 2016 and another 400 MW power will be imported from the same point by 2021. 60 MW power out of 400 MW will be imported from March 2017.

To strengthen transmission & distribution system, plans are being prepared to construct 10,000 ckt km transmission line, 60,000 MVA capacity based grid sub-station, 481 thousand km new distribution line and related distribution substation by 2021.

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

A total of 15 generations, 12 distributions, 1 TA and 1 self-financing projects were undertaken in the Revised Annual Development Program (RADP) in FY 2015-16. Original Allocation, Revised Allocation & Expenditure incurred (provisional) in FY 2015-16 are shown in the following table.

(Taka in lakh)

Sub-sector	Original ADP FY 2015-16			Revised ADP FY 2015-16			Expenditure incurred FY 2015-16		
	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign
Generation	457200	57300	399900	430203	86253	343950	431278	86213	345065
Transmission	-	-	-	-	-	-	-	-	-
Distribution	79000	56500	22500	61645	57958	3687	61598	57922	3676
TAPP	-	-	-	240	-	240	120	-	120
Total	**536200**	**113800**	**422400**	**492088**	**144211**	**347877**	**492996**	**144135**	**348861**

Self-Financial Project Allocation: FY 2015-16

Sub-sector	Original ADP FY 2015-16			Revised ADP FY 2015-16			Expenditure incurred FY 2015-16		
	Total	Local	Foreign	Total	Local	Foreign	Total	Local	Foreign
Generation	40000	40000	-	7500	7500	-	4173	4173	-

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		14.10.2010
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)	Diesel	10.08.2010 28.08.2010
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	16.11.2011
9.	Sangu, Dohazari 100 MW Peaking PP	102	BPDB	HFO	31.12.2011
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	29.05.2011
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 Sector				
1.	Sylhet 150 MW Power Plant	142	BPDB	Gas	28 March, 2012
2.	Gazipur 50 MW PP	52	RPCL	Gas/HFO	7 July, 2012
3.	Chandpur 150 MW CC Power Plant	163	BPDB	Gas	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	22 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.	Raozan 25 MW PP	25	RPCL	Gas/HFO	3 May, 2013
2.	Khulna 150 MW GT	150	NWPGC	Gas/HSD	23 September, 2013
3.	Haripur 360 MW CCPP	412	EGCB	Gas	December, 2013
Sub Total		**587**			
	Private Sector				
1.	Regional Import	500	Import		October, 2013
2.	Ashuganj 51 MW PP	51	IPP	Gas	6 December, 2013
3.	Shajanullah Power Company	25	IPP	Gas	December, 2013
Sub Total		**576**			
Total		**1163**			

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 335 MW CCPP (2nd Unit Dual Fuel: SC GT Unit)	203	IPP	HFO/Gas	29 May, 2014
4.	Gogonnagar 102 MW PP	102	IPP	HFO	03 June, 2014
5.	Ghorasal, Narsindi 108 MW PP	108	IPP	Gas	15 July, 2014
6.	Comilla (Jangalia) 52 MW PP	52	IPP	HFO	28 December, 2014
Sub Total		**567**			
Total		**635**			

Projects 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	149	BPDB- RPCL JV	HFO/Gas	16 August, 2015
3.	Bhola 225 MW CCPP:	194	BPDB	Gas	2 September , 2015
4.	Ashugonj 225 CCPP: ST Unit	75	APSCL	Gas	10 December, 2015
Sub Total		**560**			
	Private Sector				
1.	Potiya, Chittagong 108 MW Power Plant	108	IPP	HFO	14 January, 2015
2.	Kathpotti, Munshigonj 50 MW PP	51	IPP	HFO	20 February, 2015
3.	Ashugonj 195 MW Modular PP	195	IPP	Gas	8 May, 2015
4.	Meghnaghat 335 MW CCPP (2nd Unit) : ST Unit	102	IPP	Gas/HSD	1 June, 2015
5.	Bibiana-(II) 341 MW CCPP (Summit): GT Unit	222	IPP	Gas	6 June, 2015
6.	Bibiana-(II) 341 MW CCPP (Summit): ST Unit	119	IPP	Gas	26 December, 2015
Sub Total		**797**			
Total		**1,357**			

Kodda 150 MW Power Plant

341 MW Summit Bibiyna-2 Power Plant

Year wise expected generation projects

Projects to be commissioned in 2016

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public Sector				
1.	Up gradation of Khulna 150 MW to 225 MW	72	NWPGC	Gas/ HSD	28 June, 2016
2.	Ashuganj (South) 450 MW CCPP	373	APSCL	Gas	22 July, 2016
3.	Shajibazar 330 MW CCPP : SC GT Unit	220	BPDB	Gas	20 August, 2016
4.	Siddirganj 335 MW CCPP : ST Unit	200	EGCB	Gas	December, 2016
5.	Sikalbaha 225 MW CCPP: SC GT Unit	150	BPDB	Gas/HSD	December, 2016
Sub Total		**1015**			
	Private Sector				
1.	Madangonj 55 MW Peaking Plant (Summit Power)	55	IPP	FO	29 February, 2016
2.	Power Import from Tripura	100	IPP	Import	17 March, 2016
3.	Barisal 100 MW PP (Summit Power)	110	IPP	FO	5 April, 2016
4.	Nabagonj 55 MW PP	55	IPP	FO	17 June, 2016
5.	Bosila, Keranigonj 108 MW PP (CLC Power)	108	IPP	FO	December, 2016
6.	Manikganj 55 MW PP	55	IPP	FO	17 August, 2016
7.	Jamalpur 95MW PP	95	IPP	GAS/FO	December, 2016
8.	Sorishabari 3 MW Solar	3	IPP	Solar	December, 2016
Sub Total		**581**			
Total		**1,596**			

Projects to be commissioned in 2017

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public Sector				
1.	Shajibazar CCPP: ST Unit	110	BPDB	Gas	March, 2017
2.	Bheramara 360 MW CCPP	414	NWPGC	Gas/ HSD	March, 2017
3.	Siddirganj 335 MW CCPP : ST Unit	135	EGCB	Gas	June, 2017
4.	Ashuganj (North) 450 MW CCPP	381	APSCL	Gas	June, 2017
5.	Chapai Nababganj 100 MW PP	104	BPDB	FO	June, 2017
6.	Ghorasal 365 MW CCPP: SC GT Unit	254	BPDB	Gas	June, 2017
7.	Sirajgonj 225 MW CCPP (2nd Unit):SC GT Unit	150	NWPGCL	Gas/ HSD	Sept., 2017
8.	Bibiana South 383 MW CCPP : GT Unit	252	BPDB	Gas	Sept., 2017
9.	Shikalbaha 225 MW CCPP: ST Unit	75	BPDB	Gas/ HSD	October, 2017
Sub Total		**1,875**			

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	HFO	June, 2017
2.	Kushiara 163 MW PP	163	IPP	GAS	July, 2017
Sub Total		**213**			
Total		**2088**			

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	Ghorasal 365 MW (7th Unit) CCPP : ST Unit	109	BPDB	Gas	March, 2018
2	Sirajgonj 225 MW CCPP (3rd Unit): SC GT Unit	150	NWPGCL	Gas/HSD	March, 2018
3	Bibiana #3 CCPP: SC GT Unit	274	BPDB	Gas	June, 2018
4	Sirajgonj 225 MW CCPP (2nd Unit): ST Unit	70	NWPGCL	Gas/HSD	December, 2018
5	Bibiana South 383 MW CCPP: ST Unit	131	BPDB	Gas	August, 2018
6	Ghorasal 3rd Unit Repowering (Capacity Addition)	206	BPDB	Gas	June, 2018
7	Barapukuria 275 MW (3rd Unit)	274	BPDB	Coal	July, 2018
8	Kaptai Solar	5	BPDB	Solar	December, 2018
9	Sirajgonj 225 MW CCPP (3rd Unit): ST Unit	70	NWPGCL	Gas/HSD	June, 2018
Sub Total		**1,289**			
	Private Sector				
1.	Teknaf, Cox's Bazar 200 MW Solar Park	200	IPP	Solar	June, 2018
2.	Sutakhali, Mymensing 50 MW Solar Park	50	IPP	Solar	April, 2018
3.	Dharmapasha, Sunamganj 32 MW Solar Park	32	IPP	Solar	March, 2018
4.	Sirajganj 414 MW CCPP: SC GT Unit	282	IPP	Gas/HSD	October, 2018
5.	Dhorola 30 MW Solar Park	30	IPP	Solar	June, 2018
6.	Gangachara, Rangpur 30 MW Solar Park	30	IPP	Solar	June, 2018
7.	Cox's Bazar 20 MW Solar Park (Joules Power)	20	IPP	Solar	June, 2018

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
8.	Keranigonj 100 MW Power Plant (Power Pac)	100	IPP	FO	July, 2018
9.	Power import	500	IPP	Import	December, 2018
10.	Cox's bazar 60 MW PP	60	IPP	Wind	December, 2018
11.	Satkhira 50 MW PP	50	IPP	FO	December, 2018
12.	Fenchugonj 50 MW Power Plant	50	IPP/NRB	Gas	December, 2018
13.	Chandpur 100 MW Power Plant	100	IPP	FO	December, 2018
14.	Choumohoni, Noakhali 100 MW Power Plant	100	IPP	FO	December, 2018
15.	Feni 100 MW Power Plant	100	IPP	FO	December, 2018
16.	Meghnaghat 100 MW Power Plant	100	IPP	FO	December, 2018
17.	Bagherhat 100 MW Power Plant	100	IPP	FO	December, 2018
Sub Total		**1904**			
Total		**3193**			

Projects to be commissioned in 2019

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public Sector				
1.	Ghorasal 4th Unit Repowering (Capacity Addition)	206	BPDB	Gas	January, 2019
2.	Khulna 200-300 MW CCPP	200	BPDB	Gas/HSD	January, 2019
3.	Bibiana #3 CCPP: ST Unit	126	BPDB	Gas	March, 2019
4.	Sylhet 150 MW PP Conversion	75	BPDB	Gas	June, 2019
5.	Payra, Potuakhali 1200-1320 Coal Fired Power Plant	1320	BPCL (NWPGCL)	Imp. Coal	December, 2019
6.	Rangunia, Chittagong 60 MW Solar Park	60	BPDB	Solar	December, 2019
Sub Total		**1,987**			
	Private Sector				
1.	Potiya, Chittagong 100 MW PP (Pricisan Energy)	100	IPP	FO	January, 2019
2.	Julda, Chittagong 100 MW PP (Acorn Inf)	100	IPP	FO	January, 2019
3.	Anowara, Chittagong 300 MW PP (United Enterprise)	300	IPP	FO	January, 2019
4.	Bhola 220 MW CCPP (D/F) (Saporji Palonji)	220	IPP	Gas/HSD	January, 2019
5.	Sirajganj 414 MW CCPP: ST Unit	132	IPP	Gas/HSD	May, 2019

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
6.	Bhairab 50 MW PP	50	IPP	FO	June, 2019
7.	Thakurgao 100 MW Power Plant	100	IPP	FO	June, 2019
8.	Rangpur100 MW Power Plant	100	IPP	FO	June, 2019
9.	Bogra 100 MW Power Plant	100	IPP	FO	June, 2019
10.	Shantahar 100 MW Power Plant	100	IPP	FO	June, 2019
11.	Jamalpur 100 MW Power Plant	100	IPP	FO	June, 2019
Sub Total		**1,402**			
Total		**3,389**			

Projects to be commissioned in 2020

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public Sector				
1.	Ghorasal 6th Unit Repowering (Capacity Addition)	206	BPDB	Gas	January, 2020
2.	Baghabari 100 MW PP Conversion	50	BPDB	Gas	June, 2020
3.	Shajibazar 70 MW PP Conversion	35	BPDB	Gas	June, 2020
4.	BIFPCL, Rampal, Coal Fired Power Plant	1320	BIFCL	Imp. Coal	July, 2020
5.	Ashugonj 400 MW CCPP (East)	400	APSCL	Gas	July, 2020
6.	Borisal 225 MW CCPP (D/F)	225	BPDB	Gas/HSD	December, 2020
Sub Total		**2,236**			
	Private Sector				
1.	Chittagong 612 MW Coal Fired Power Project (S.Alam Group)-1	612	IPP	Imp. Coal	March, 2020
2.	Chittagong 612 MW Coal Fired Power Project (S.Alam Group)-2	612	IPP	Imp. Coal	March, 2020
Sub Total		**1,224**			
Total		**3,460**			

Barapukuria under construction 275 MW Coal Based Power Plant

Ghorashal under construction 365 MW Combined Cycle Power Plant

Projects to be commissioned in 2021

Sl. No.	Name of the Power Plant	Capacity (MW)	Ownership	Type of Fuel	Expected Commissioning Date
	Public Sector				
1.	LNG based 750 MW CCPP	750	BPDB	LNG	June, 2021
2.	Sayedpur 225 MW CCPP	225	BPDB	HSD	December, 2021
3.	Bharamara 225 MW CCPP (D/F)	225	BPDB	Gas/HSD	December, 2021
Sub Total		**1200**			
	Private Sector				
1.	Import from Tripura (2nd Phase)	400	IPP	Import	June, 2021
2.	Khulna 630 MW Coal Fired PP (Orion)	630	IPP	Imp. Coal	June, 2021
3.	Maowa, Munshiganj 522 MW Coal Fired Power Project (Orion)	522	IPP	Imp. Coal	June, 2021
4.	Borisal 307 MW Coal Fired Power Plant	307	IPP	Imp. Coal	December, 2021
5.	Dhaka 282 MW Coal Fired Power Project (Orion Group)	282	IPP	Imp. Coal	December, 2021
6.	Chittagong 282 MW Coal Fired Power Project (Orion Group)	282	IPP	Imp. Coal	December, 2021
7.	Dhaka 635MW Coal Fired Power Project (Orion Group)	635	IPP	Imp. Coal	December, 2021
Sub Total		**3,058**			
Total		**4,258**			

Signing of contract between BPDB and China Energy Engineering Group & Guandong Power Engineering Company Ltd. for Repowering of Ghorashal Power Plant 4th unit.

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 3%. BPDB has taken systemic steps for the last few years in the development of renewable energy and implementation of energy efficiency measure to achieve the target of renewable energy policy 2008 of the government.

BPDB has installed solar system of total capacity 288.995 KWp in different offices of BPDB which include both off-grid and grid tied technologies and installation of total 46.696 KWp in pipeline. Bedsides under six zone of BPDB total 3337.372 KWp solar system has been installed by private and consumer's initiatives which also include both off-grid and grid tied technologies.

Renewable Energy Based Projects

Implemented Wind Power Projects

- BPDB has completed the work named "Repairing of 0.9MW (4x225KW) Grid Connected Wind Turbine Power Plant at Muhuri Dam, Feni including Supply of Spares and 6 (six) Years Operation & Maintenance (O&M) contract".
- BPDB has completed the work named "Repair, operation & maintenance contract of the existing Kutubdia 1000 kW Wind Battery Hybrid Power Project".
- BPDB has also installed another Wind Power Plant of Capacity 1000 kW at Kutubdia named Design, Supply, Installation, Testing and Commissioning of 1 MW Capacity Wind Battery Power Plant on Turnkey Basis at Kutubdia Island, Cox's Bazar, Bangladesh including 6 (six) Years (3 years' warranty for installation works and next 3 years Operation and Maintenance (O&M) of Plant.

Kutubdia 1000 kW Wind Power Plant

Implemented Solar Rooftop System

- BPDB has installed solar system of total capacity 288.995 kWp in different offices of BPDB which includes both off-grid and grid tied technologies and installation of total 46.696 kWp is in pipeline.
- Under Six Distribution zones of BPDB total 3337.372 kWp Solar system has been installed by Private or Consumer's initiatives which also include both off-grid and grid tied technologies and installation of total 2961.6 kWp is in pipeline.
- Besides, BPDB has also installed Solar PV System of capacity 173.81 kWp at CHT Project and 1.06 kWp Solar PV System at Chit Mahals.

Implemented Solar Power Projects

Dte. of RER&D has completed the work named "Conversion of the 37.50 kWp Solar System Installed on the Rooftop of Biddyut Bhaban and 32.75 kWp Solar System Installed on the Rooftop of WAPDA Bhaban into Grid Tied Solar System".

Implemented PV Projects/PV Systems (Mini-Grid)

650 kWp (400 kW ac load) solar mini grid power project in Sulla upazila of Sunamgonj district named "Renewable Energy Based Power Generation Pilot Project in Remote Haor Area" under Bangladesh Climate Change Trust Fund (BCCTF).

Ongoing PV Projects/PV Systems (Grid-Tied)

- 3 MWp Grid Connected Solar PV Power Plant at Sharishabari, Jamalpur on Build, Own & Operate (BOO) basis.
- Dhorola 30 MWp Solar Park Project" on Build, Own & Operate (BOO) basis.
- Rangunia 60 MWp Solar Park Project".
- Gangachora 55 MWp Solar Park, Rangpur.
- Installation of a 100 MWp Solar Photo Voltaic (PV) based Grid-Connected Power Generation Plant at Sonagazi upazilla of Feni district.
  7.4 MWp Grid Connected Solar PV Power Plant at Kaptai Hydro Power Station compound under BPDB in Rangamati.
- 200MW (AC) Solar Park on BOO basis at Teknaf, Cox's Bazar by Sun Edsion Energy Holding (Singapore) Pte Ltd.
- 20MW+10% Grid -Tied Solar Power Project by Joules Power Limited.
- "32 MW (AC) Solar Park at Dharmapasha, Sunamganj by EDISUN-Power Point & Haor Bangla-Korea Green Energy Ltd.
- "50 MW (AC) Solar Park at Sutiakhali, Mymensing District, Bangladesh" by HETAT-DITROLI-IFDC SOLAR.
- "30MW Grid Tied Solar PV Power Project" at Gangachara, Rangpur by Intraco-Julio Power Consortium.
- Grid-tied Solar PV Power Plant of 200 MW (AC) Capacity at Latshal, Sundorganj, Gaibandha, Bangladesh by Beximco.

Ongoing Wind Power Projects

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

Solid Waste to Energy based Projects Under Planning

1 MW garbage based power plant at Keraniganj.

Implemented Solar Charging Stations

BPDB has implemented two solar charging stations at Sylhet and Chittagong each of capacity 20 KWp.

Ongoing other Projects

- Solar Street Lighting Programme in 8 City Corporations (SSLPCC).
- For lighting and fan load, installation of several off grid and grid tied solar rooftop systems at BPDB's office buildings and in consumer premises are also in progress.

Signing of contract between BPDB and HKGE for establishing a Grid Tied Solar PV Power Plant at Dharmapasha, Sunamganj.

ON GOING DISTRIBUTION PROJECTS OF FY 2015-2016

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:

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 revised (Rajshahi, Pabna, Shirajgonj, Bogora, Joypurhat, Gaibandah, Nilfamari, Dinajpur, Thakurgaon & Rongpur)	23,788	26,901	50,689	June 2016	99.94
2.	Emergency rehabilitation & expansion of urban areas power dist. system under Chittagong Zone.	17,862	-	17,862	Dec. 2015	97.70
3.	Prepayment metering project for dist. southern zone, Ctg. (Phase-I).	13,736	-	13,736	Dec. 2016	14.34
4.	Greater Chittagong power Distribution project, SCADA rehabilitation.	1,817	8,589	10,405	June 2016	100
5.	Central zone power Distribution project, Mymenshing.	43,113	1,00,831	1,43,943	June 2016	84.95
6.	Thanchi power rehabilitation & expansion project.	2,464	-	2464	June 2016	100
7.	Chittagong hill-tracts power Distribution dev. project, Rangamati.	18,079	-	18,079	Dec. 2016	100
8.	Solar Street-Lighting Programme in city corporation.	8,002	23,659	31,661	Dec. 2016	23.81
9.	Pre-payment Metering Project for Distribution Comilla and Mymensing zene.	2,844	10,405	13,249	Dec. 2016	2.40
10.	Chittagong Zone Power Destribution system development project , Chittagong.	1,09,970	-	1,09,970	June 2018	18.15
11.	Rajshahi Zone Power Distribution system development project , Rajshahi .	91,499		91,499	June 2018	18.00
12.	Power system development project, Rangpur zone.	1,33,428		1,33,428	June 2019	6.50

FUTURE DISTRIBUTION PROJECTS UP TO 2019

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		
		Local (Lakh Tk.)	Foreign (Lakh Tk.)	Total (Lakh Tk.)
1.	Power Distribution System Development Project, Sylhet Zone	1,48,876.72	40,208	1,89,084
2.	Power Distribution System Development Project, Comilla Zone	30,000.00	1,20,000	1,50,000
3.	Power Distribution System Development Project, Mymenshing Zone	34,000.00	1,36,000	1,70,000
4.	Power Distribution System Development Project Of Bangladesh In Three Hilly Areas	46,562.08	8,481	55,043
5.	Electrification Project Of Hatiya & Kutubdia Islands Through Grid Connectivity Along With 2.3MWp Photovoltaic Plant	106,77	605,07	711,85
6.	Prepayment Metering Project For BPDB's Six Distribution Zones (20 lakh Pre-payment Meters)	43,351.25	1,08,643	1,51,994
7.	Prepayment Metering Priority Project For BPDB's Three Distribution Zones; Mymensing, Rajshahi ,Sylhet (5 lakh Pre-payment Meters)	10,190.45	27,538	37,729
8.	Prepayment Metering Priority Project For BPDB's Three Distribution Zones; Chittagonj, Comilla, Rangpur (5 lakh Pre-payment Meters)	9,973.58	27,816	37,790

Chapter-3

Reforms & Other Activities

Reform and Restructure

Government has given top priority to power sector development and has made commitment to provide access to electricity to all the citizens across the country by 2021. In order to achieve this goal Government has undertaken a number of reform measures, some of which 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 "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 Shiddirgonj and 412 MW CCPP Power Plant at Haripur. EGCB has also started construction process of another 335 MW CCPP at Shiddirgonj.
- North West Power Generation Company (NWPGCL) was created in 2008. NWPGCL has implemented 210 MW Combined Cycle Power Plant at Sirajganj, 230 MW Combined cycle Power Plant at Khulna. NWPGCL has also started construction process of 412 MW CCPP at Bheramara, Sirajganj 225 MW CCPP project (2nd unit), Sirajganj CCPP project (3rd unit), Payra 1200-1320 MW Thermal plant project (1st Phase) under BCPCL.
- 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 deliver uninterrupted quality power to all. 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.

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 centers 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.

Achievement against training program conducted during FY 2016 is shown below

Sl. No.	Name of Training Center/Academy	No. of Course	Total No. of Trainees
1.	Engineering Academy, Kaptai, Rangamati	80	2640
2.	Regional Training Centre, Tongi, Gazipur	70	2564
3.	Regional Training Centre, Chittagong.	86	3859
4.	Regional Training Centre, Rajshahi	78	4879
5.	Ghorasal Training Centre, Narsingdi	102	4002
6.	Directorate of Training & Career Development, Dhaka.	121	3620
7.	Training Academy, Cox's Bazar	52	1909
8.	On The Job Training	223	11771
9.	Training in Abroad	129	400
10.	Seminar/Workshop	24	1717
Total		**742**	**25590**

Signing of Annual Performance Agreement between Secretary, Power Division Mr. Monowar Islam and Chairman, BPDB Mr. Shamsul Hassan Miah.

Distribution of certificates by Secretary, Power Division Mr. Monowar Islam among the Assistant Engineers after completion of foundation training course. Chairman, BPDB Mr. K. M. Hassan was present.

Chairman, BPDB Mr. Shahinul Islam Khan distributing certificates among the Sub-Assistant Engineers after completion of their foundation training course.

Hon'ble President Mr. Md. Abdul Hamid inaugurating the Power and Energy Week-2015

Chapter-4

Tables and Charts

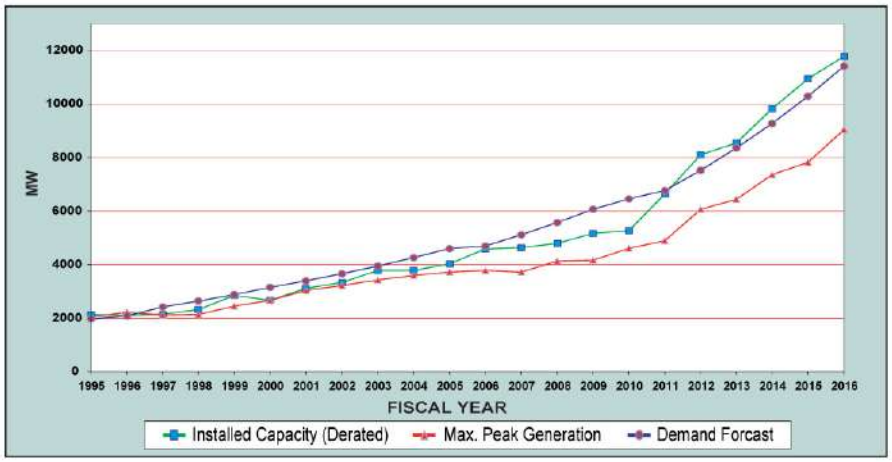
GENERATION TABLES AND CHARTS

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
2015-16	12,365	11,770	11,405	9,036	250

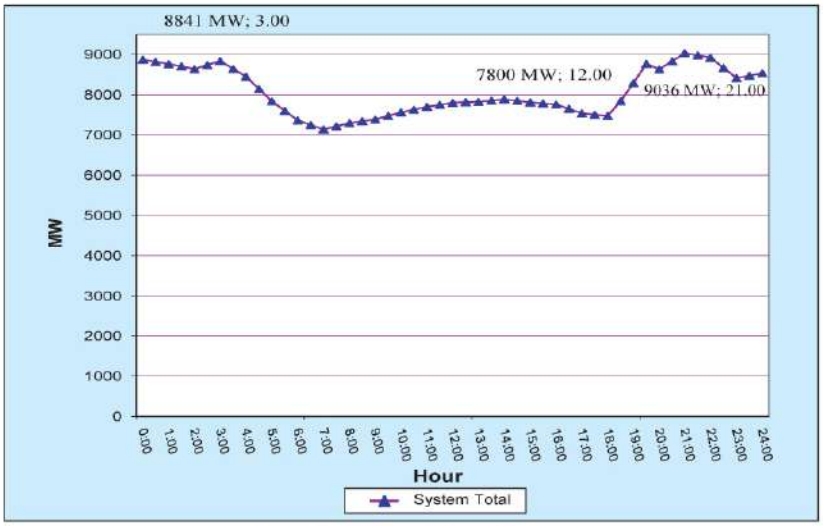
Note : 1. Installed capacity is as of 30th June of the year.
2. Present Capacity (Derated) is the Maximum available generation capacity at present.
3. Maximum Demand is shown as per power system master plan 2010.

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

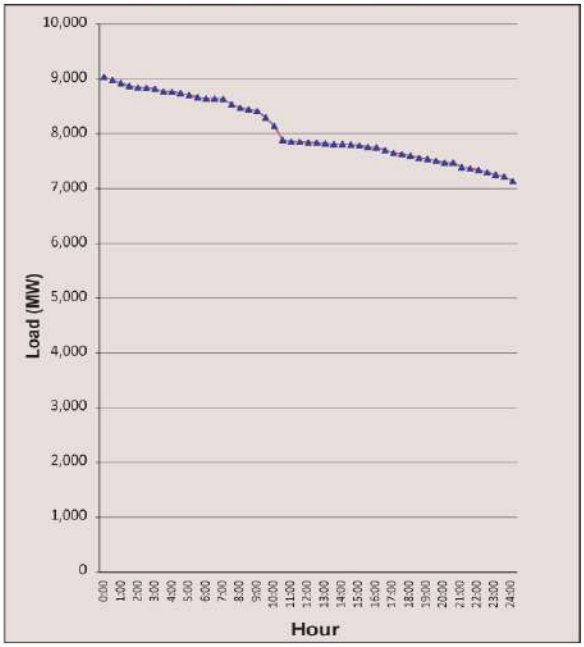


Daily Load Curve

Date : 30.06.2016



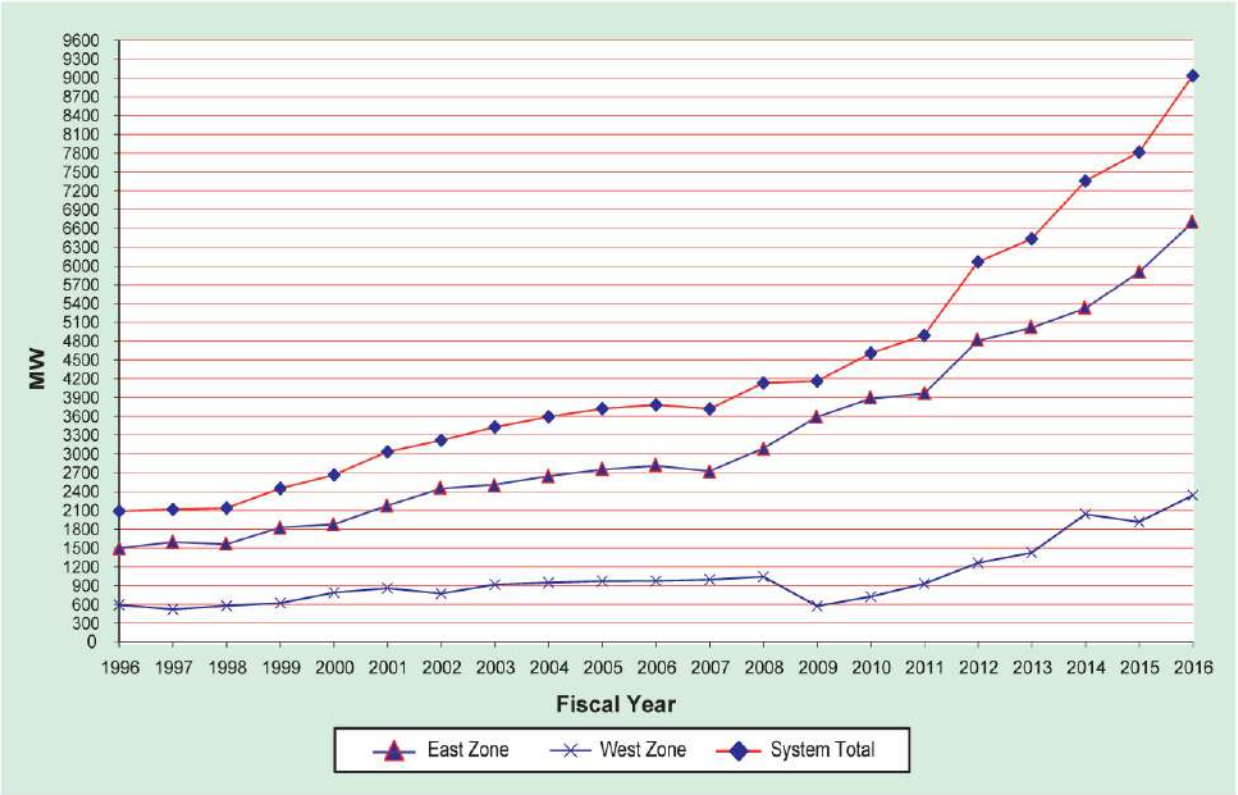
Load Duration Curve



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	(18.66)
1972-73	175	47	222	21.53
1973-74	185	65	250	12.60
1974-75	199	67	266	6.36
1975-76	220	81	301	13.28
1976-77	254	88	342	13.49
1977-78	287	109	396	15.78
1978-79	331	105	437	10.25
1979-80	338	124	462	5.82
1980-81	399	146	545	18.03
1981-82	451	153	604	10.72
1982-83	506	203	709	17.45
1983-84	549	212	761	7.40
1984-85	651	236	887	16.47
1985-86	613	270	883	(0.47)
1986-87	734	349	1,084	22.76
1987-88	925	392	1,317	21.55
1988-89	980	413	1,393	5.77
1989-90	1,070	439	1,509	8.33
1990-91	1,141	499	1,640	8.68
1991-92	1,160	512	1,672	1.95
1992-93	1,293	530	1,823	9.05
1993-94	1,355	520	1,875	2.84
1994-95	1,472	498	1,970	5.07
1995-96	1,497	590	2,087	5.96
1996-97	1,594	520	2,114	1.29
1997-98	1,560	577	2,136	1.03
1998-99	1,828	621	2,449	14.62
1999-00	1,878	787	2,665	8.84
2000-01	2,175	858	3,033	13.82
2001-02	2,447	771	3,218	6.08
2002-03	2,512	917	3,428	6.54
2003-04	2,646	946	3,592	4.79
2004-05	2,750	971	3,721	3.58
2005-06	2,809	973	3,782	1.65
2006-07	2,725	993	3,718	(1.70)
2007-08	3,089	1,041	4,130	11.09
2008-09	3,589	573	4,162	0.78
2009-10	3,883	723	4,606	10.67
2010-11	3,962	928	4,890	6.17
2011-12	4,805	1,261	6,066	24.05
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
2015-16	6,699	2,337	9,036	15.59

Growth of Maximum Generation (Actual)



Newly constructed

Nababganj 55 MW Power Plant

Jamalpur 95 MW Power Plant

Manikganj 55 MW Power Plant

Plant Wise Generation (FY 2015-16)

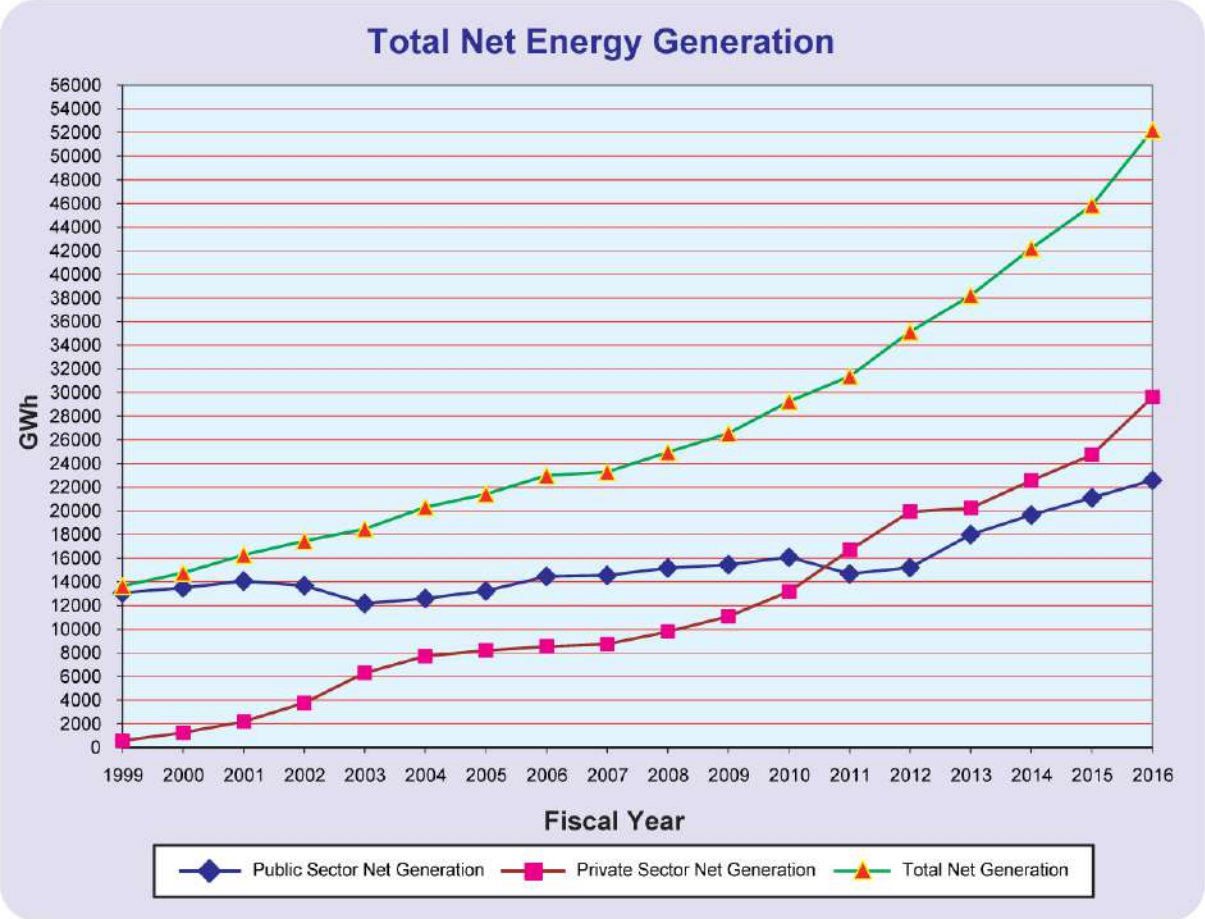
Sl. No.	Name of power plant	Type of fuel	Installed Capacity (As of June) (MW)	Net Energy Generation (GWh)	Annual Plant factor (%)	Efficiency (%) (Net)	Overall Thermal Efficiency (%) (Public Sector Plant)
1.	Karnafuli Hydro(2x40 MW+3x50 MW)	Hydro	230	962.20	47.90	--	
2.	Rauzan 210 MW S\T (1st)	ST	180	651.03	46.47	24.94	
	Rauzan 210 MW S\T (2nd)	ST	180	388.46	27.53	23.03	
3.	Chittagong 1x60 MW Steam Turbine	ST	40	19.62	6.57	25.00	
4.	Shikalbaha 150 MW Peaking PP	GT	150	534.01	42.17	23.60	
5.	Hathazari 100 MW Peaking PP	RE	98	138.94	16.59	39.44	
6.	Sangu, Dohazari 100 MW PPP	RE	102	172.44	19.90	40.81	
7.	RPCL Raozan 25 MW	RE	25	122.32	57.21	39.36	
8.	RPCL Gazipur 52 MW	RE	52	228.33	51.57	39.21	
9.	Ashuganj 2x64 MW Steam Turbine	ST	97	340.99	43.86	27.33	
	Ashuganj 3x150 MW Steam Turbine	ST	398	3147.88	96.11	32.89	
	Ashuganj (South) 450 MW CCPP	CC	0	121.62	--	55.39	
	Ashuganj GT 2 *	GT	40	127.04	36.38	18.25	
	Ashuganj 50 MW	RE	45	173.67	45.55	34.79	
	Ashuganj 225 MW CCPP	GT	217	718.28	38.44	37.82	
10.	Chandpur 150 MW CCPP	CC	163	633.05	46.35	37.37	
11.	Ghorasal 2x55 MW Steam Turbine	ST	85	535.07	76.71	25.95	
	Ghorasal 2x210 MW Steam Turbine	ST	350	989.53	35.20	29.22	
	Ghorasal 210 MW S/T (5+6th Unit)	ST	380	1185.53	38.38	31.96	
12.	Siddhirganj 210 MW Steam Turbine	ST	150	600.16	48.93	30.82	
13.	Siddhirganj 2x120 MW G/T	GT	210	749.42	42.22	24.25	
14.	Haripur 3x33 MW Gas Turbine	GT	60	232.48	44.50	20.80	
15.	Haripur 412 MW CCPP	CC	412	1233.63	35.82	49.06	
16.	Tongi 100 MW Gas Turbine	GT	105	169.36	19.52	24.22	
17.	Shahjibazar 60 MW Gas Turbine	GT	66	362.53	62.98	25.37	
18.	Sylhet 1x20 MW Gas Turbine	GT	20	83.53	48.00	23.54	
19.	Sylhet 1x150 MW Gas Turbine	GT	142	778.90	64.09	28.14	**33.15**
20.	Fenchuganj C.C. (Unit #1)	CC	80	356.26	51.81	30.32	
	Fenchuganj C.C. (Unit #2)	CC	90	328.50	45.24	27.84	
21.	Titas (Doudkandi) 50 MW RE	RE	52	73.63	16.85	38.57	
22.	Kodda Gazipur 150 MW (PDB-RPCL)	RE	149	498.56	38.31	47.42	
23.	Sonagazi 1 MW wind PP	Wind	0	0.13	--	--	
24.	Khulna 1x110 MW Steam Turbine	ST	55	-1.15	0.00	--	
25.	Barisal 2x20 MW Gas Turbine	GT	30	35.72	13.59	18.31	
26.	Bheramara 3x20 MW Gas Turbine	GT	46	57.55	14.39	21.13	
27.	Khulna 150 MW (NWPGCL)	GT	230	559.72	28.10	29.90	
28.	Faridpur 50 MW Peaking PP	RE	54	139.52	31.04	39.41	
29.	Gopalgonj 100 MW Peaking PP	RE	109	214.18	23.35	39.50	
30.	Baghabari 71 MW Gas Turbine	GT	71	466.35	75.57	28.86	
31.	Baghabari 100 MW Gas Turbine	GT	100	696.15	79.67	29.11	
32.	Bhola 225 MW CCPP	CC	194	974.68	58.18	45.90	
33.	Baghabari 50 MW RE	RE	52	71.14	15.96	38.23	
34.	Bera 70 MW RE	RE	71	98.71	16.33	39.92	
35.	Rangpur 20 MW Gas Turbine	GT	20	18.71	10.82	19.32	
36.	Saidpur 20 MW Gas Turbine	GT	20	9.90	5.71	21.60	
37.	Barapukuria 2x125 MW ST (COAL)	ST	200	847.18	56.21	24.42	
38.	Sirajgonj 210 MW CC	CC	210	1554.88	87.98	40.69	
39.	Santahar 50 MW PP	RE	50	87.56	20.29	38.24	
40.	Katakhali 50 MW PP	RE	50	94.42	21.98	39.20	
	Total (Grid)		**5930**	**22582.35**	**45.66**		
41.	Isolated East	DE		3.18			
	Isolated West	DE		0.00			
	Total Public Sector		**5930**	**22585.53**	**45.66**		

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	476.35	49.43%	39.09	
2	NEPC (Haripur, BMPP)	FO	110	328.51	34.09%	41.03	
3	RPCL 210 MW (Mymensingh)	Gas	202	1397.66	78.99%	45.15	
4	CDC, Haripur	Gas	360	2581.12	81.85%	49.06	
5	CDC, Meghnaghat	Gas	450	1748.30	44.35%	45.17	
6	Ashuganj 51 MW (Midland)	Gas	51	298.72	66.86%	36.57	
7	Natore, Rajshahi 50 MW PP (RajLanka)	FO	52	185.80	40.79%	40.94	
8	Meghnagat power Co. (summit)	HSD	305	1014.71	37.98%	25.54	
9	Gogonnogor 102 MW PP	FO	102	518.15	57.99%	38.74	
10	Baraka-Potengga 50 MW PP	FO	50	288.13	65.78%	40.44	
11	Ghorashal 108 MW (Regent Power)	Gas	108	704.42	74.46%	37.30	
12	Potiya, Chittagong 108 MW (ECPV)	F.oil	108	470.66	49.75%	39.91	
13	Comilla 52 MW (Lakdhanvi Bangla)	F.oil	52	167.98	36.88%	47.00	
14	Katpotti,Munshigonj 50 MW (Sinha peoples)	F.oil	51	221.24	49.52%	40.30	
15	Ashuganj modular 195 MW (United Power)	Gas	195	1264.84	74.05%	42.51	
16	Nawabganj 55 MW (Dhaka Southern)	FO	55	24.45	5.07%	--	
17	Doreen Northern Power Limited	FO	0	0.50	--	--	
18	Bibiyana 2 (Summith) 341 MW	Gas	341	1583.69	53.02%	28.88	
	Sub-Total IPP		**2702**	**13275.21**			
	RENTAL & SIPP						
1	Bogra Rental (GBB) (15 Years)	Gas	22	115.72	60.05%	29.02	
2	Kumargoan (Energy Prima)(3 Years)	Gas	50	332.22	75.85%	34.27	
3	Sahzibazar RPP (Energyprima) (3 Years)	Gas	86	553.75	73.50%	27.26	
4	Sahzibazar RPP (Shahjibazar Power) (15 Years)	Gas	50	305.48	69.75%	28.43	
5	Tangail SIPP (Doreen) (22 MW) (BPDB)	Gas	22	125.02	64.87%	38.28	
6	Feni SIPP (22 MW) (BPDB)	Gas	22	149.27	77.46%	38.28	
7	Kumargao 10 MW(Desh Energy) (15 Years)	Gas	10	67.52	77.08%	35.56	
8	Barabkundu	Gas	22	166.23	86.25%	38.28	
9	Bhola RPP (34.5 MW)	Gas	33	158.23	54.74%	30.04	
10	Jangalia , Comilla (33 MW)	Gas	33	223.53	77.33%	38.24	
11	Fenchugonj 51 MW Rental (Barakatullah) (15 Yrs)	Gas	51	334.22	74.81%	31.29	
12	Shikalbaha 55 MW Rental (3 Years)	F.oil	43	167.95	44.59%	43.00	
13	Malancha	Gas	0	162.8808	--	41.09	
14	Ashugonj 55 MW (Precision Energy) 3 Years Rental	Gas	55	315.81	65.55%	32.50	
15	Thakurgaon 50 MW 3 Years Rental	HSD	40	62.78	17.92%	36.69	
16	Fenchugonj 50 MW (Energy Prima)	Gas	44	340.89	88.44%	31.29	
17	Ghorashal 45 MW RPP (Aggreko)	HSD	45	317.54	80.55%	35.94	
18	Khulna 55 MW RPP 3 yrs (Aggreko)	HSD	55	70.87	14.71%	32.48	
19	Ghorashal 100 MW RPP Aggreko)	GAS	100	702.43	80.19%	35.94	
20	Pagla 50 MW (DPA)	HSD	50	92.65	21.15%	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	141.49	16.48%	39.20	
23	B.Baria 70 MW QRPP (3 Yrs Aggreco)	Gas	85	549.00	73.73%	35.94	
24	Madangonj 100 MW QRPP (5 Yrs Summit)	FO	100	577.19	65.89%	41.63	
25	Khulna 115 MW QRPP (5 Yrs Summit)	FO	115	596.66	59.23%	39.09	
26	Ghorashal 78 MW QRPP (3 Yrs Max Power)	Gas	78	240.82	35.24%	35.82	
27	Noapara 40 MW QRPP (5 Yrs Khan Jahan Ali)	FO	40	169.67	48.42%	40.96	
28	Ashugonj 80 MW QRPP (3 Yrs Aggreco)	Gas	95	484.38	58.20%	35.94	
29	Noapara 105 MW RPP (5 Yrs Quantum)	FO	0	0.00	--	41.01	
30	Ashugonj 53 MW Q. Rental PP (3 Years) (United Power)	Gas	53	287.55	61.94%	36.27	
31	Meghnagat 100 MW QRPP (5 Yrs) IEL	FO	100	480.39	54.84%	41.13	
32	Shiddirgonj 100 MW QRPP (5Years) Dutch Bangla	FO	100	487.02	55.60%	41.13	
33	Bogra RPP 3 Yrs (Energy Prima)	Gas	20	158.00	90.19%	41.79	
34	Amnura 50 MW QRPP (5 Yrs, Sinha Power)	FO	50	173.08	39.51%	41.63	
35	Madangonj 55 MW QRPP (5 Yrs Summit)	FO	55	135.37	28.10%	41.63	
36	Keranigonj 100 MW QRPP(5Yrs) (Power Pac)	FO	100	358.40	40.91%	40.80	
37	Summit Barisal (120 MW)	FO	110	217.01	22.52%	41.21	
38	Julda 100MW QRPP (5Yrs, Acron infra)	FO	100	538.23	61.44%	41.19	
39	Katakhali 50 MW QRPP	FO	50	151.31	34.55%	40.76	
40	**Power Import**	Import	600	3822.38	72.72		
	Sub-Total RENTAL & SIPP		**2887**	**10511**			
	SIPP (REB)		**251**	**1999**			
	Total Private Sector (IPP+SIPP+Rental+Import+REB)		**5840**	**29607**			
	Public Sector Net Generation		**5930**	**22586**			
	Total Net Generation(Public+IPP Net+ Import)		**11770**	**52193**			

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	4695.49	--
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	--
2015-16	17,542	6,179	23,721	22,586	29,608	52,193	13.87	2859.60	--



Signing of contract between BPDB and S. Alam Group for establishing
612 x 2 MW Coal Based Power Plant at Banshkhali, Chittagong.

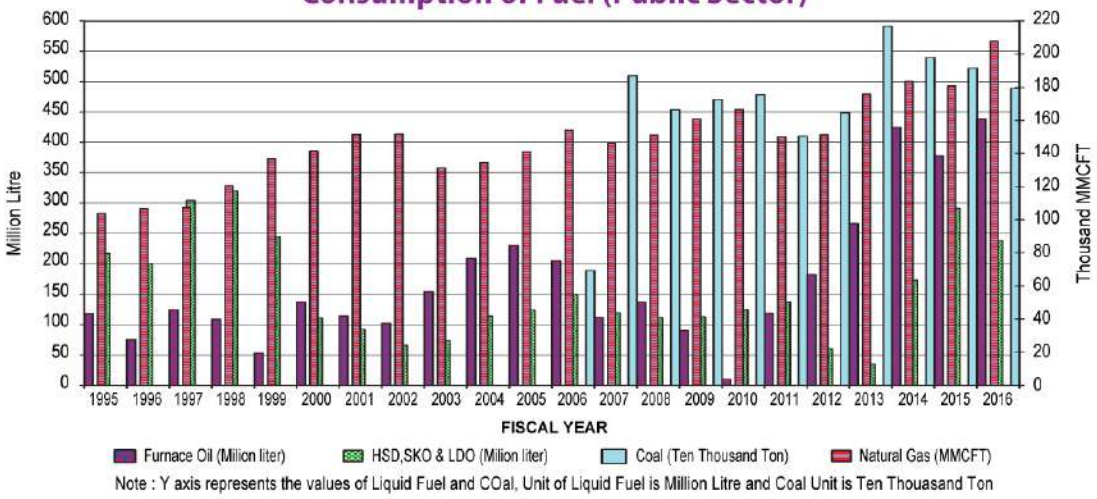
Per Capita Generation and Consumption (Grid)

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	159	39,624	288.22	249.16
2015-16	52,193	161	45,299	324.18	281.36

Year wise 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	14,589.55	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	103,907.60	118.42	216.80	
1995-96	106,592.75	75.58	200.49	
1996-97	107,240.03	124.48	304.13	
1997-98	120,376.26	108.47	320.11	
1998-99	136,802.00	53.14	245.05	
1999-00	141,330.13	137.35	110.49	
2000-01	151,312.47	114.02	92.01	
2001-02	151,577.35	102.10	66.00	
2002-03	131,180.00	154.20	74.08	
2003-04	134,482.37	209.17	114.32	
2004-05	141,021.85	229.86	123.75	
2005-06	153,920.65	204.85	149.61	0.19
2006-07	146,261.67	111.84	119.19	0.51
2007-08	150,991.54	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	150,031.41	118.78	137.66	0.41
2011-12	151,047.84	182.48	59.89	0.45
2012-13	175,944.51	266.11	34.97	0.59
2013-14	183,522.79	424.72	175.00	0.54
2014-15	180,765.64	378.13	291.06	0.52
2015-16	207,838.44	439.33	238.22	0.49

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 Thouasand Ton

Year wise Fuel Cost of Public Sector Power Plants

Milion Taka

Year	East Zone	West Zone	System Total	% Change over preceeding Year
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
2004-2005	9,313	6,757	16,070	19.85
2005-2006	8,945	7,385	16,330	1.62
2006-2007	7,265	9,494	16,759	2.63
2007-2008	8,759	8,194	16,953	1.16
2008-2009	6,624	11,609	18,232	7.54
2009-2010	7,120	9,245	16,364	(10.25)
2010-2011	6,431	12,632	19,063	16.49
2011-2012	13,831	14,740	28,571	49.88
2012-2013	18,885	18,380	37,266	30.43
2013-2014	23,430	32,822	56,252	50.95
2014-2015	23,307	36,946	60,253	7.11
2015-2016	31,753	30,137	61,890	2.72

Fuel Price

SL. No.	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	01.05.16
1.	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	65.00
2.	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	42.00
3.	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	79.82
4.	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	130.00

Shahajibazar 330 MW Combined Cycle Power Plant

TRANSMISSION TABLES AND CHARTS

CIRCLE WISE SUB-STATIONS CAPACITY (MVA)

(As of June 2016)

Summary of 400 KV HVDC Sub-Station

S.N.	Name of Substation	Capacity
01	Bheramara HVDC Back to Back Sub-station	500 MW

Summary of 400/230 KV Sub-Station Information

S.N.	Name of Substation	Circle	Capacity
01	Bibiyana	Comilla	520 MVA

Summary of Grid Circle wise 230/132KV Sub-Station

S.N.	Circle Name	PGCB		BPDB/APSCL	
		No.'s of substation	Capacity (MVA)	No.'s of substation	Capacity (MVA)
1	Bogra	2+1 (Switching)	900		
2	Chittagong	1	600		
3	Comilla	2	750	1	300
4	Dhaka (N)	3	1950	1	250
5	Dhaka (S)	5+1 (Switching)	3225		
6	HVDC	2	900		
7	Khulna	2	1050		
Total		**19**	**9375**	**2**	**550**
Grand Total (MVA)			**10585**		

Summary of Grid Circle wise 132/33KV Sub-Station

S.N.	Circle Name	PGCB		BPDB/APSCL		BPDB/APSCL	
		No.'s of S/S	Capacity (MVA)	No.'s of S/S	Capacity (MVA)	No.'s of S/S	Capacity (MVA)
1	Bogra	17	2245.6	-	-	-	-
2	Chittagong	11	1457	2	136.6	6	345
3	Comilla	13	1711	1	82	-	-
4	Dhaka (N)	17	3108	1	126	6	1125
5	Dhaka (S)	10	1806.6			8	1035
6	HVDC	9	1003.3	-	-	Bheramara GKP	20
7	Khulna	13	1324	1	60	-	-
Total		**90**	**12655.5**	**5**	**404.6**	**20**	**2525**
Grand Total (MVA)			**15,585.10**				

Synopsis of Transmission Lines

(As of June 2016)

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-Baharampur	27.35	54.7	Double	Twin Finch	1113 MCM
2	Aminbazar-Meghnaghat*	55	110	Double	Quad Egret	636 MCM
3	Comilla(S)- Bangladesh Border**	28	56	Double	Twin Finch	1113 MCM
	Total	**110.35**	**220.7**			

* Presently Operated at 230kV

** Presently Operated at 132kV

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	22.5	45	Double	Twin 300 sq.mm	
5	Ashuganj - Comilla North	79	158	Double	Finch	1113 MCM
6	Ghorasal - Rampura	50	100	Double	Twin Mallard	2x795 MCM
7	Rampura - Haripur	22	44	Double	Twin Mallard	2x795 MCM
8	Haripur - Meghnaghat	12.5	25	Double	Twin Mallard	2x795 MCM
9	Meghnaghat - Hasnabad	24.5	49	Double	Twin Mallard	2x795 MCM
10	Comilla North - Hathazari	151	302	Double	Finch	1113 MCM
11	AES, Haripur - Haripur	2.4	4.8	Double	Finch	1113 MCM
12	Comilla North - Meghnaghat	58	116	Double	Twin Mallard	2x795 MCM
13	Tongi-Aminbazar	25.2	50.4	Double	Twin AAAC	37/4.176 mm.
14	Aminbazar-Hasnabad	21.5	43	Double	Twin AAAC	37/4.176 mm.
15	Siddhirganj 210 MW P/S -Haripur	1.5	1.5	Single	ACSR	600 sq. mm.
16	Ashuganj - Sirajganj	144	288	Double	Twin AAAC	37/4.176 mm.
17	Khulna-Bheramara HVDC	176.5	353	Double	Twin AAAC	37/4.176 mm.
18	Bheramara HVDC-Ishurdi	10.1	20.2	Double	Twin AAAC	37/4.176 mm.
19	Bogra-Barapukuria	106	212	Double	Twin AAAC	37/4.176 mm.
20	Sirajganj-Bogra	72.5	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	33.19	67.37	Double	Twin Mallard	2x795 MCM
24	Bibiyana-Comilla(N)	153.55	307	Double	Twin Mallard	2x795 MCM
25	Aminbazar-Old Airport (O/H)	3.58	7.15	Double	Twin Mallard	2x795 MCM
26	Aminbazar-Old Airport (U/G)	4.01	8.03	Double	XLPE	2000 sq. mm.
27	Siddhirganj-Maniknagar	11	22	Double	Twin Mallard	2x795 MCM
28	Bhola-Barisal	62.5	125	Double	Twin Mallard	2x795 MCM
29	LILO of Comilla(N)-Hathazari line at BSRM	0.18	0.72	Double	Finch	1113 MCM
30	LILO of Comilla(N)-Hathazari line at AKSPL	6.5	13	Double	Finch	1113 MCM
	Total	**1592.7**	**3185.17**			

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

Sl. No.	Name of Lines	Length in Route kilometers	Length in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
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
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

Sl. No.	Name of Lines	Length in Route kilometers	Length in Ckt. kilometers	No. of Ckt.	Conductor	
					Name	Size
93	Madanganj-Sitalakhya	4	4	Single	Grosbeak	636 MCM
94	Hasnabad-Shyampur	21	21	Single	Grosbeak	636 MCM
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
154	Comilla(N)- Comilla(S)	19	38	Double	Grosbeak	636 MCM
155	Goalpara-Bagerhat New	45	90	Double	Grosbeak	636 MCM
Total		**3994.89**	**6486.83**			

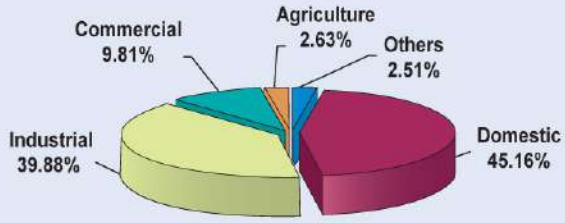
DISTRIBUTION TABLES AND CHARTS

Distribution Zone wise Energy Import and Energy Sales Statistics of BPDB

Distribution Zone's Name	Energy Imported (MkWh)		Energy Sold (MkWh)		Distribution System loss (%)		
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	% Change over previous year
Mymenshing	1547.26	1738.90	1326.24	1496.09	14.28	13.96	-2.27
Chittagong	3564.24	3844.24	3208.58	3437.21	9.98	10.59	6.13
Comilla	1170.74	1314.82	1040.77	1147.08	11.10	12.76	14.94
Sylhet	808.97	879.41	698.42	763.44	13.67	13.19	-3.48
Rangpur	1126.60	1263.95	973.16	1084.14	13.62	14.23	4.48
Rajshahi	1744.48	1964.14	1543.82	1739.48	11.50	11.44	-0.54
Others	524.16	1153.16	523.76	1152.71	5.19	5.16	-0.58
Total	**10486.45**	**12158.62**	**9314.75**	**10820.15**	**11.17**	**11.01**	**-1.48**

Consumption Pattern of BPDB

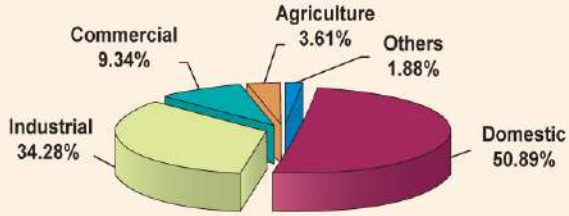
(FY 2015-16)



Total Retail Consumption : 10,820 MkWh

Consumption Pattern of the Country

(FY 2015-16)



Total Retail Consumption : 45,299 MkWh

Distribution Zone wise Billing and Collection Statistics of BPDB

Distribution Zone's Name	Billed Amount (Million Tk)		Collected Amount (Million Tk)		Accounts Receivable (Million Tk)			Coll/Bill Ratio (%)		C/I Ratio (%)	
	2014-15	2015-16	2014-15	2015-16	2014-15	2015-16	% increase over the previous year	2014-15	2015-16	2014-15	2015-16
Mymenshing	7,225	8,719	6,763	7,839	3,160	4,253	34.57	93.61	89.90	80.23	77.35
Chittagong	20,686	22,908	20,317	22,692	3,680	4,037	9.69	98.22	99.06	88.42	88.57
Comilla	6,252	7,159	6,141	6,956	1,329	1,619	21.79	98.22	97.17	87.32	84.77
Sylhet	4,436	4,994	4,158	4,734	1,380	1,766	27.98	93.74	94.18	80.93	82.28
Rangpur	5,690	6,591	5,367	6,169	2,127	2,526	18.75	94.32	93.61	81.48	80.29
Rajshahi	9,070	10,598	8,687	10,354	2,308	2,667	15.53	95.77	97.69	84.76	86.52
Others	3,695	8,410	3,349	7,788	769	1,828	137.61	90.62	92.60	-	-
Total	**57,054**	**69,379**	**54,781**	**66,531**	**14,755**	**18,696**	**26.71**	**94.54**	**95.90**	**83.55**	**85.34**

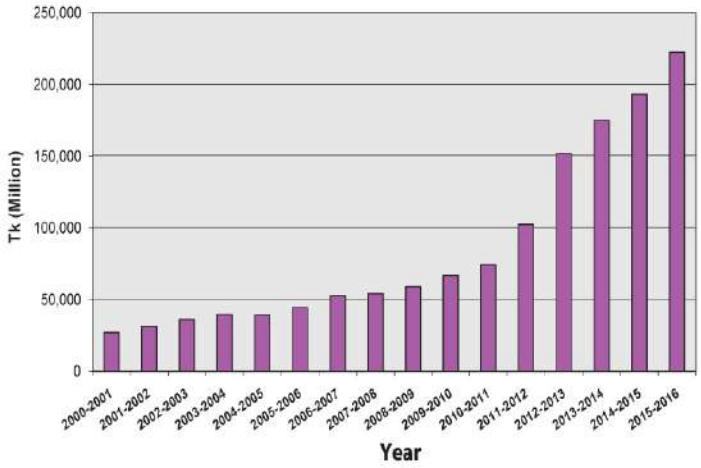
Revenue Collection (Bulk)

Year	Million Taka	% Change over preveous year
1995-1996	16,791	7.05
1996-1997	16,015	-4.62
1997-1998	17,199	7.39
1998-1999	16,235	-5.61
1999-2000	22,450	38.28
2000-2001	27,017	20.34
2000-2002	31,373	16.12
2002-2003	36,066	14.96
2003-2004	39,608	9.82
2004-2005	39,177	-1.09
2005-2006	44,284	13.03
2006-2007	52,799	19.23
2007-2008	54,060	2.39
2008-2009	58,922	8.99
2009-2010	66,776	13.33
2010-2011	74,303	11.27
2011-2012	102,242	37.60
2012-2013	151,711	48.38
2013-2014	174,740	15.18
2014-2015	193,013	10.46
2015-2016	222,382	15.22

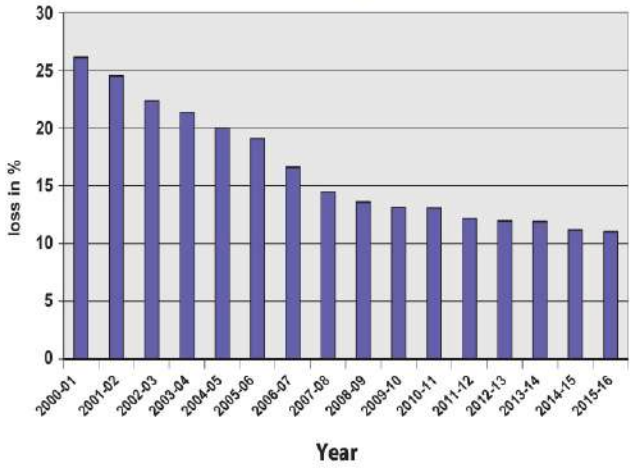
Distribution System Loss (BPDB)

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
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
2015-16	11.01

Net Revenue Collection



Distribution System Loss



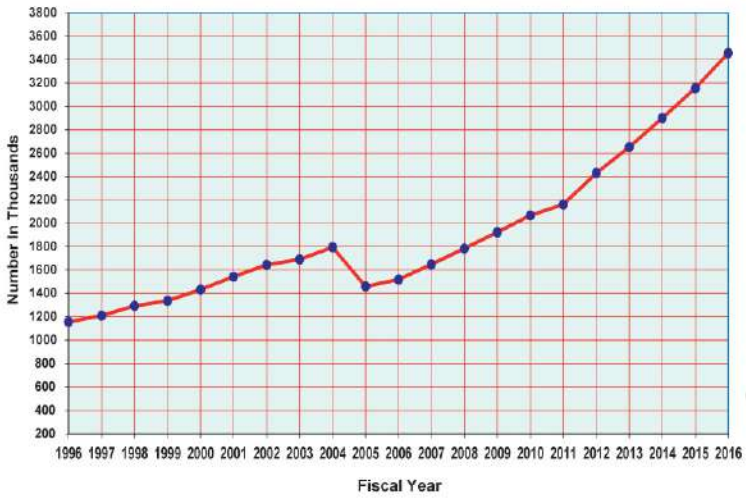
Category Wise Consumer Growth

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	I2	I3	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
2015-16	2,868,941	54,952	48,764	444,140	4,471	82	12	1	1	35899	3,457,263	9.51

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
2015-16 *	256	5,947	2,241	41,835

* Excluding DPDC, DESCO, WZPDCO & REB

Total Electrified Areas & Consumer Numbers of BPDB

(As of June 2016)

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	45858
2	S & D Stadium	2	5	0	0	0	30790
3	S & D Sholoshar	3	4	0	6	0	52395
4	S & D Kalurghat	4	6	0	4	0	48790
5	S & D Bakalia	5	5	0	10	9	61495
6	S & D Matarbari	2	3	0	0	0	29250
	O & M Circle, Chatta-Metro (West)						
7	S & D Agrabad	1	4	0	0	0	43640
8	S & D Halisahar	2	3	0	4	0	35920
9	S & D Khulshi	3	8	0	0	0	37840
10	S & D Pahartali	3	3	0	2	0	58660
11	S & D Rampur	2	3	0	2	0	42310
12	S & D Newmooring	3	2	0	5	0	32290
	O & M Circle, Chatta-Metro (North)						
13	DD-Fouzderhat	1	30	50	25	0	23210
14	S & D Hathazari	1	38	52	16	13	36020
15	S & D Barabkunda	1	26	40	17	23	23940
16	S & D Mohara	2	11	18	4	18	26544
	O & M Circle, Chatta-Metro (South)						
17	Dist. Divn. Patiya	12	65	190	50	226	55198
18	Dist. Divn. Cox's Bazar	9	97	217	48	402	66158
	O & M Circle, Rangamati						
19	Dist. Divn. Rangamati	8	99	240	24	23	38595
20	Dist. Divn. Khagrachari	12	164	367	59	148	43814
21	Bandarban	4	40	145	16	12	12652
	Sub Total	**82**	**719**	**1319**	**295**	**876**	**845369**
	Comilla Zone						
	O & M Circle, Comilla						
1	S&D-1, Comilla	3	20	97	22	135	53177
2	Burichang E/S	1	2	4	8	20	9529
3	S&D-2 Comilla	2	4	120	30	210	44163
4	Chauddagram E/S	1	9	71	5	216	11402
5	S & D-3. Comilla	1	10	72	6	137	29879
6	S & D, Daulatganj	1	5	20	5	525	20861
7	S & D Chandpur	1	15	25	11	13	44227
8	B-Baria	3	6	77	16	679	62120
9	S & D, Ashuganj	1	3	11	5	74	17190
10	S & D, Sarail	1	3	17	6	426	21905
	O & M Circle, Noakhali						
11	Maijdi (Noakhali)	3	14	37	24	21	47263
12	S & D, Chaumuhini	1	12	9	8	1	26756
13	S&D-Feni	2	18	10	3	115	49741
14	Bashurhat E/S	-	-	-	-	-	13987
15	S&D-Laxmipur	1	12	12	1	110	22879
16	Hatiya E/S	1	6	20	15	0	2058
	Sub Total	**23**	**139**	**602**	**165**	**2682**	**455232**
	Central Zone, Mymenshing						
	O & M Circle, Mymensingh						
1	S & D -1 (N)	7	93	190	132	2500	119814
2	S & D -2 (S)	2	102	178	58	1060	75645
3	S & D Goffargoan	1	15	70	42	550	33900
4	Netrokona E/S	1	9	20	8	370	27356
5	Sist.Div.Kishorgonj	2	30	120	32	100	48169
	Bhairab E/S	2	30	60	26	650	45148
6	Sist.Div. Sherpur	5	50	110	82	1820	55150
7	S&D,Valuka	1	23	72	29	450	17288

Sl. No.	Name of Divi./ESU	Total Electrified Area					Total Consumers
		Thana/ Upazila	Ward	Village	Hat/ Bazar	Deep, Shallow & Low Fit Pump	
	O & M Circle, Tangail						
8	S & D, Jamalpur	1	12	37	9	624	37508
9	Sharishabari E/S	2	12	39	7	487	12044
10	S & D, Ghatail	2	28	39	38	682	23208
11	S & D, Shakhipur	7	29	75	55	1030	25428
12	S & D, Bhuapur	4	20	25	25	1405	25043
13	S & D, Kalithati	2	25	33	33	602	46061
14	S & D-1, Tangail	2	21	116	26	1522	50550
15	S & D-2, Tangail	3	17	52	57	1002	37897
	Sub Total	**44**	**516**	**1236**	**659**	**14854**	**680209**
	Sylhet Zone						
	O & M Circle, Sylhet						
1	S & D-1	1	15	4	10		53612
2	S & D-2	1	10	55	30		65924
3	S & D-3	1	40	120	42	12	29157
4	S & D-4	2	42	70	15	9	29556
5	S & D-Sunamgonj	3	9	6	12	8	17432
6	S & D-Chatak	4	9	48	38	52	20961
7	Derai E/S	2	10	42	30	15	7979
	O & M Circle, Moulavibazar						
8	Dist. Div. Moulavibazar	1	7	14	7		19950
9	S & D-Hobigonj	2	9	25	8	49	20951
10	S & D-Kulaura	4	9	80	15		27506
11	Jogonnathpur E/S	1	9	84	15	14	12756
12	Jaintapur E/S	3	38	70	13	11	9930
	Sub Total	**25**	**207**	**618**	**235**	**170**	**315714**
	Rajshahi Zone						
	O & M Circle, Bogra						
1	S&D-1, Bogra	2	7	22	12	70	33955
2	S & D-2, Bogra	2	6	18	6	286	48914
3	S & D-3, Bogra	3	7	35	17	105	31982
4	S&D, Sherpur, Bogra	2	9	50	10	324	27554
5	S&D, Dupchachia, Bogra	2	27	80	14	435	21815
6	S&D, Santahar, Bogra	3	33	82	10	618	28902
7	Shibgonj Elec. Supply	2	13	71	8	213	10450
8	Joypurhat Elec. Supply	1	12	12	5	238	21898
9	S&D, Naogaon	2	16	74	70	280	48926
	O & M Circle, Pabna						
10	S & D-1, Pabna	1	7	6	7	29	24386
11	S & D-2, Pabna	1	7	11	3	35	26904
12	Ishwardi Electric Supply.	1	9	32	12	340	31633
13	Sirajgonj Electric Supply.	1	19	90	15	544	47231
	O & M Circle, Rajshahi-1						
14	S & D-1, Rajshahi	2	7	11	4	0	29147
15	S & D-2, Rajshahi	3	6	22	15	145	46585
16	S & D-3, Rajshahi	6	25	42	14	107	40420
17	S & D-4, Rajshahi	2	6	17	6	0	25747
18	S & D-5, Rajshahi	5	8	16	8	20	13906
19	Tanor	1	0	18	3	127	5701
	O & M Circle, Rajshahi-2						
20	Chapai-1	1	10	50	8	135	23950
21	Chapai-2	1	10	56	7	159	25889
22	Nator	1	9	39	4	36	21266
23	Gomostapur	2	52	247	28	698	23222
24	Godagari	2	35	112	25	271	19691
25	Shibgonj	1	20	35	9	87	13355
	Sub Total	**50**	**360**	**1251**	**320**	**5302**	**693429**

Sl. No.	Name of Divi./ESU	Total Electrified Area					Total Consumers
		Thana/ Upazila	Ward	Village	Hat/ Bazar	Deep, Shallow & Low Fit Pump	
	Rangpur Zone						
	O & M Circle, Rangpur						
1	S & DD- I, Rangpur	1	17	15	6	132	30607
2	S & DD-I I, Rangpur	1	10	2	9	127	27829
3	S & DD-I I I, Rangpur	1	6	18	10	550	16392
4	RE,XEN. Saidpur	2	18	10	13	2010	29253
5	Gaibandha	5	9	4	46	279	41870
6	Gobindaganj	1	9	35	30	248	17620
7	Palashbari	1	0	25	7	780	8975
8	S&DD, Kurigram	1	9	8	15	1284	20952
9	S&DD, Nilphamari	1	9	15	14	2467	20682
10	S&DD-Domer	3	9	30	35	48	20330
11	Kishorgonj E/S	1	0	5	7	250	4347
12	Jaldhaka E/S	1	4	22	11	1767	8125
13	S&D Lalmonirhat	1	9	35	27	638	20349
14	S&DD-Kaliganj	2	0	65	30	874	23196
15	Hatibandha E/S	1	0	48	25	2279	17887
16	S&DD-Patgram	1	10	95	46	2279	17806
	O & M Circle, Dinajpur						
17	S & DD- I, Dinajpur.	1	5	0	10	108	25134
18	Parbatipur E/S	1	9	122	32	220	11891
19	Setabganj E/S	1	9	67	25	365	9603
20	S & DD- II, Dinajpur.	1	7	5	12	51	27496
21	Fulbari E/S	1	9	92	29	266	13588
22	S&DD Thakurgaon.	1	9	16	35	118	25354
23	S&DD Panchagarh	1	9	65	38	340	19115
24	Tatullia	1	0	122	55	471	8824
Sub Total		**32**	**176**	**921**	**567**	**17951**	**467225**
Total		**256**	**2117**	**5947**	**2241**	**41835**	**3457178**

Synopsis of Distribution lines of BPDB

(As of June 2016)

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	70	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	162
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	135
	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	140	160
	Kolatoli	10	20	35
	Aziznagar	44	23	7
	Lama	22	0	0
	Chakaria	65	110	80
O & M Circle, Rangamati				
Dist. Divn. Rangamati	Kawakhali	14	0	0
	Bangalhalia	17	0	0
	Marisha	23	0	0
	Vedvedi (Rangamati)	91	81	182
	Majerbosti	6	80	143
	Kaptai Academy	16	60	30
	Kaptai (132/11)	65	54	115
	Ghagra	0	90	38
Dist. Divn. Khagraharii	Jalipara	50	90	110
	Manikchari	0	55	65
	Ramgarh	65	45	71
	Khagrachari	55	75	220
	Panchari	30	46	95
	Dighinala	22	150	220
	Mohalchari	43	90	110

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)
Dist. Divn Bandarban	Y-junction	21	0	0
	Bolipara	41	0	0
	Bandarban	75	162	65
	Kasingghata	2	198	72
Sub Total		**1509**	**3048**	**4027**
Comilla Zone				
O & M Circle, Comilla				
S & D- 1, Comilla	Kotbari	57	40	91
	Kaliajuri	10	133	243
Burichang E/S	Palpara	8	45	105
S & D- 2, Comilla	Balutupa	32	107	228
Chouddagram E/S	Chouddagram	33	32	11
S & D- 3, Comilla	Jangalia	0	37	135
S & D , Daulatganj	Daulatgonj	35	38	150
S & D, Chandpur	Balur Math	2	32	100
	Puran Bazar	0	30	82
B. Baria E/S	Datiara	8	96	123
	Ghatura	25	100	68
S & D, Ashuganj	Kalabagan	0	30	32
S & D, Sarail	Shahbazpur	6	40	85
	Kuttapara	12	15	
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		**437**	**1164**	**2492**
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	120	98
	Akua BiPas	5	90	140
S & D Goffargoan	Maijbari	12	60	70
	Goffargoan	54	110	180
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
S & D Bhaluka	Bhaluka	22	80	125

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, Tangail				
Jamalpur E/S	Bojrapur	133	220	350
	Shahpur			
	Shekhervita			
Sharishabari E/S	Sharishabari	26	103	88
Ghatail E/S	Ghatail	38	130	368
S & D Shakipur	Kutubpur	24	55	45
	Nalua	20	140	230
	Shakipur	25	410	620
S & D Bhuapur	Bhuapur	26	155	340
S & D Kalihati	Kalihati	32	95	410
S & D -1 Tangail	Betka	8	229	394
S & D -2 Tangail	Kachuadanga	22	258	668
Sub Total		**714**	**3713**	**6073**
Sylhet Zone				
O & M Circle, Sylhet				
S & D -1	Ambarkhana	10	105	310
	Shekhghat	7	40	125
S & D -2	Upshahar	22	137	222
	Botessor	28	86	260
	MC Collage	10	28	58
	Ring Feeder	22	0	0
S & D -3	Boroikandi	11	149	350
S & D -4	Kumargaon	1	149	250
S & D Sunamgonj	Sunamgonj	60	70	160
S&D Chatak	Jawabazar	13	40	90
	Chatak	95	110	350
Derai E/S	Derai	41	90	210
O & M Circle, Moulovibazar				
Jaintapur E/S	Jaintapur	30	68	215
Jogonnathpur E/S	Jogonnathpur	45	110	258
Dist. Div. Moulvibazar	Bajbari	25	128	220
	Shamostafa	45	84	160
S & D Hobigonj	Hobigonj	29	62	325
S & D Kulaura	Juri	-	-	-
	Kulaura	141	128	688
Sub Total		**635**	**1584**	**4251**
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 1	Huzrapur	15	86	95
Chapai nowabgonj 2	Bottola	6	70	75
Gomostapur	Roanpur	35	207	383
Shibgonj	Shibgonj	24	56	66
Godagari	Godagari	25	106	353
Natore ESU	Horispur	5	60	48
	Alaipur			

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, Pabna				
S & D -1	Laskaspur	15	45	80
	Poylanpur	5	20	43
S & D -2	Nurpur	0	32	40
	Shatiani	6	20	45
Ishurdi E/S	Jaynagor	25	46	48
	EPZ	8	17	19
	Patilkhali	8	48	109
Sirajgonj E/S	Bahirgola	8	17	20
	Raypur	9	25	21
	Puthiyabari	3	15	25
O & M Circle, Bogra				
S & D -1	Rahmannagar	9	67	90
S & D -2	Shibbati	10	110	135
S & D -3	Puran Bogra	1	74	76
S & D Sherpur	Sherpur	26	101	179
S & D Dupchachia	Dupchachia	22	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		**369**	**2227**	**3326**
Rangpur Zone				
O & M Circle, Rangpur				
S & D -1, Rangpur	Lalbag	1	138	125
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	77	130
S&D Kurigram	Kurigram	32	70	125
S&D Nilphamari	Nilphamari	22	312	310
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	45
Setabganj E/S	Setabgonj	24	20	33
S & D -2	oposhore	5	10	60
	Balubari	25	20	170
Phulbari E/S	Phulbari	15	89	35
S&D Thakurgaon	Goalpara	10	21	130
	DPS	1	17	29
S&D Panchagar	Panchagar	47	196	90
Tetulia E/S	Tetulia	38	85	150
Sub Total		**531**	**2376**	**3445**
Total		**4194**	**14112**	**23614**

33/11 KV Sub-stations of BPDB

(As of June 2016)

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
	SOUTHERN ZONE, CHITTAGONG			
	O & M Circle, Chatta-Metro (East)			
1	S & D Patharghata	Patharghata	2x16/20	34
2	S & D Stadium	Stadium	3x16/20	48
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
6	S & D Madarbari	Madarbari	2x16/20	28
	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	14
9	S & D Khulshi	Khulshi	2x16/20	30
		Jalalabad	2x16/20	32
10	S & D Pahartali	Pahartali	2x16/20	39
11	S & D Newmooring	Newmooring	2x16/20	26
12	S & D Rampur	Rampur	2x16/20	34
	O & M Circle, Chatta-Metro (North)			
13	Dis. Div. Fouzderhat	Baroulia	2 x 16/20	38
		Fouzderhat	2 x 16/20	38
14	S & D, Hathazari	Hathazari	1 x 16/20	11
			1 x 10/13.33	
		Fateybad	2 x 10/13.33	9
15	S & D Barabkunda	Barabkunda	2 x 16/20	23
16	S & D Mohara	Mohara	2 x 16/20	21
		Rangunia Sub Station	1 x 5	3
	O & M Circle, Chatta-Metro (South)			
17	Dist. Divn. Patiya	Patiya	2x10/12	8.5
		Fishharbor	2x10	17
		Julda	2x16/20	7
		Shikalbaha	1x16/20	10
		Dohazari	1x16/20	5.5
		Satkania	1x5	4.5
18	Dist. Divn. Cox's Bazar	Zilonza	2x16/20	32
		Chakaria	1x10/13	8.5
		Aziznagar	1x5/6.5	2
		Kolatoli	2x10/13.33	14
		Lama	1x5/6.5	2.8
	O & M Circle, Rangamati			
19	Dist. Divn. Rangamati	Kawkhali	1x5/6.67	1.5
		Bangalhalia	1x5/6.68	1.5
		Marisha	1x5/6.69	1.5
		Vedvedi (Rangamati)	2x5/6.67	4.5
		Majerbosti	1x10	5.5
		Kaptai	2x3	1.3
		Ghagra	1x6.65	2.5
		Kaptai (132/11)	1x20	6.5
		Chandraghona (33/11)	0.5	2

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
20	Dist. Divn. Khagrachari	Khagrachari	2x5/6.67	8
		Panchari	1x5/6.67	3
		Dighinala	3x1.667 1x5/6.67	5
		Mohalchari	3x1.667	2.50
		Jalipara	3x1.667	3.50
		Manikchari	1x5/6.67	2.50
		Ramghar	3x1.667	3.00
21	Dist. Divn. Bandarban	Adjacent to Office	1x5/6.67 3x1.667	6
		Kasing Ghata	3X1.667	3.5
		Y-Junction	1x5/6.67	1
		Bolipara	3X1.667	1
Sub Total		**53**	**1015/1237**	**803.6**
	COMILLA ZONE			
	O & M Circle, Comilla			
22	S & D-1, Comilla	Kotbari	3x10/10.33	22
		Kaliajori	3x10/13.33	22
23	Burichang E/S	Palpara	1x5	2
24	S & D-2, Comilla	Balutupa	3x10/13.33	20
25	Chouddagram E/S	Chouddagram	1x5, 1x3	6
26	S & D-3, Comilla	Jangalia	2x10/13.33	20
			1x16/20	
27	S & D Daulatgonj	Daulatgonj	1x10/13.33	15
			1x16/20	
			1x5	
28	S & D, Chandpur	Balur Math	2x10/13.33	16
		Puran Bazar	1x10/13.33 1x5	10
29	B.Baria E/S	Datiara	1x10/13.33	25
			1x16/20	
		Ghatura	2x10/13.33	20
30	S & D Ashugonj	Kalabagan	2x10/13.33	20
31	S & D Sarail	Shabazpur	2x5	6
		Kuttapara	2x10/13.33	8
	O & M Circle, Noakhali			
32	S & D Feni	Mohipal	3x10/13.33	22
		Sultanpur	1x10/13.33 1x16/20	10
33	Bosurhat E/S	Dagonbuyan	2x10/13.33	12
34	Maijdee E/S	Maijdee	2x10/13.33	17
		Datterhat	1x10/13.33	18
35	S&D Chamuhani	Chamuhani	2x10/13.33	20
36	S & D, Laxmipur	Laxmipur	2x10/13.33	10
Sub Total		**21**	**447/579.55**	**321**
	CENTRAL ZONE, MYMENSINGH			
	O & M Circle, Mymenshingh			
37	S & D (North)	Akua	2x10/13.33	16
		Shambuganj	2X10/13.33	16
		Fulpur	2X10/13.33	14
		Gauripur	2X10/13.33	8
		Isshorgonj	2X5/6.67	5
		Haluaghat	2X5/6.67	6

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
38	S & D -(South)	Kewatkhali	3x10/13.33	23
		Batircal	2x10/13.33	14
		Akua Bypass	2x10/13.33	16
		Trisal	2x10/13.33	9
39	S & D Bhaluka	Bhaluka	2x10/13.33	9
40	S & D Goffargoan	Maijbari	2x5/6.66	7
		Goffargoan	2x10/13.33	11
41	S&D Netrokona	Satpai Netrokona	2x10/13.33	15
40	S&D Bhairab	Bhairab	4x10/13.33	26
43	S&D Sherpur	Sherpur	1x10/13.33 1x16/20	28
		Nalitabari	1X5/6.67	5
		Nakla	1X5/6.67	4
44	Dist. Divn. Kishoregonj	Josodal	2x10/13.33	10
		Mollapara	2x10/13.33	8
		Sararchar	2x10/13.34	8
	O & M Circle,Tangail			
45	S & D-1 Tangail	Batka	3x10/13.33	28
46	S & D-2 Tangail	Kachuadanga	2x10/13.33	19
47	S & D Bhuapur	Bhuapur	2x10/13.33	15
48	S & D Ghatail	Ghatail	3x10/13.33	25
49	S & D Khalihati	Kalihati	3x10/13.33	16
50	S & D Shakipur	Shakipur	2x10/13.33	14
		Kutubput	2x5/6.66	6
		Nalua	2x5	5
51	Jamalpur E/S	Bojrapur	1x10/13.33	8
		Shapur	2x10/13.33	8
		Shekhervita	2x10/13.33	12
52	Sharishabari E/S	Sharishabari	1x5, 1x6.6	8
Sub Total		**33**	**638/838.16**	**422**
	SYLHET ZONE			
	O & M Circle, Sylhet			
53	S & D 1 Sylhet	Ambarkhana	4x10/13.33	24
		Shekhghat	2x10/13.33	15
54	S & D 2 Sylhet	Upashahar	3x10/13.33	24
		MC Collage	2x10/13.33	9
		Botessor	2x10/13.33	20
55	S & D 3	Boroikandi	5x10/13.33	21
56	S & D 4	Kumargaon	2x10/13.33	16
57	S & D Sunamgonj	Sunamgonj	2x10/13.33	12
58	S & D Chatak	Jawa Bazar	2x5	4
		Chattak	2x10/13.33	13
59	Derai E/S, Sunamganj	Derai	2x5	6
	O & M Circle, Moulovibazar			
60	Jogonnanthpur E/S	Jogonnanthpur	3x5	10
61	Jaintapur E/S	Jaintapur	2x5	5
62	Dist. Divn. Moulovibazar	Bajbari	2x10/13.33	7
		Moulovibazar-2	2x10/13.34	10
63	S & D Hobigonj	Hobigonj	3x10/13.33	15
64	S & D, Kulaura	Juri	2x5	4
		Kulaura	2x10/13.33	14
Sub Total		**18**	**385 / 494.89**	**229**

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
	RAJSHAHI ZONE			
	O & M Circle, Rajshahi-1			
65	S & D-1	Talaimari	3x10/13.33	18
66	S & D-2	Horogram	2x20/26.66	22
67	S & D-3	Shalbagan	2x10/13.33	19
		Airport	2x10/13.33	11
68	S & D-4	City Central	2x20/26.66	18
69	S & D-5	Katakhali	2x10/13.33	13
	O & M Circle, Rajshahi-2			
70	Chapai Nowabgonj-1	Hujrapur	2x10/13.33	17.5
71	Chapai Nowabgonj-2	Bot Talar Hat	2x10/13.33	15
72	Gomostapur	Rohanpur	1x5/6.67 & 1x10/13.33	9.5
73	Shibgonj	Shibgonj	2x5	4.25
74	Godagari	Godagari	15	9.5
75	Natore	Horispur	2x10/13.33	5
		Alaipur	2x10/13.33	5
	O & M Circle, Pabna			
76	S & D-1	Poylanpur	2x10/13.32	9
		Lashkarpur	2x10/13.33	14
77	S & D-2	Noorpur	1x10/13.33	20
		Satiani	2x10/13.33	
78	Ishurdi E/S	Joynagor	2x10/13.33	26.5
		Patillakhali	2x10/13.33	
		EPZ	4x1.67	
79	Sirajgonj E/S	Puthiyabari	2x10/13.33	26
		Bahirgola	2x10/13.33	
		Raypur	2x10/13.33	
	O & M Circle, Bogra			
78	S & D-1	Rahman Nagar	3x10/13.33	23
79	S & D-2	Shibbati	3x10/13.33	25
80	S & D-3	Puran Bogra	3x10/13.33	33
81	S & D Sherpur	Sherpur	2x10/13.33 & 1x5	20
82	S & D Dupchachia	Dupchachia	4x5/6.67 ; 2x5	22
83	S & D Santahar	-	-	0
84	Shibganj E/S	-	-	0
85	Joypurhat E/S	Joypurhat	2x10/13.33	12.5
86	Naogaon E/S	Kathaltoly	4x10/13.33	43
		Baludanga	2x10/13.33	5
Sub Total		**31**	**691.68/905.75**	**446**
	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-1	2x10/13.33	14
		Gaibandha-BISC	1x10/13.33	6
92	Gobindogonj E/S	Gobindogonj	1x5/6.67, 2.5, 3x1.667	8
93	Palashbari E/S	Palashbari	1x2.5	
			1x5/6.67	3
94	S & D Kurigram	Kurigram	1x16/20 , 1x5	10
95	S&D Nilphamari	Nilphamari	1x5/6.67	12
			1x10/13.33	

Sl. No.	Name of the Division	Name of the 33/11KV Sub-Station	Capacity (MVA)	Maximum Demand (MW)
96	Domar E/S	Domar	2x5/6.67 3x1.667	11
97	Jaldhaka E/S	Jaldhaka	1x5/6.67 1x2.5	4
98	Patgram E/S	Patgram	2x5/6.67	7
99	Kaligonj E/S	Kaligonj	3x5/6.67 1x1.667	15
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	8
104	Setabganj E/S	Setabganj	1x5/6.67 3x1.67	6
105	S & D-2	Balubari	2x10/13.33	15
		Opushore	2x10/13.33	6
106	Phulbari E/S	Phulbari	2x5/6.67	8
107	Dist. Div. Thakurgaon	Goalpara	2x10/13.33	10
		DPS	1x10/13.33 1x5	6
108	S & D. Panchagar	Panchagar	2x10/13.33	10
109	Tetulia E/S	Tetulia	2x5/6.67	5
Sub Total		**27**	**416.78/538.72**	**264**
Total		**183**	**3593.46/4694.07**	**2485**

Signing of contract between BPDB and PTC for importing 40 MW Power from India.

Signing of contract between BPDB and Orion Group for purchasing power from 635 MW Munshiganj Coal Based Power Plant.

Distribution Sub-stations of BPDB

(As of June 2016)

Name of ESU / Division	Distribution Transformer 11/0.4 KV									
	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	60	18	0	0	64.865
S & D Stadium	0	0	2	0	134	48	19	0	0	45.63
S & D Sholoshar	0	0	0	0	179	77	22	0	0	62.35
S & D Kalurghat	0	0	0	0	172	56	13	0	0	55.5
S & D Bakalia	0	0	0	0	135	42	24	0	0	44.55
S & Madarbari	0	1	0	0	118	48	7	0	0	40.3
O & M Circle, Chatta-Metro (West)										
S & D Agrabad	0	0	0	0	210	31	23	0	0	61
S & D Halisahar	0	0	0	0	115	29	20	0	4	36.59
S & D Khulshi	0	0	0	0	148	41	28	0	0	48
S & D Pahartali	0	0	0	0	202	50	22	0	0	62.7
S & D Rampur	0	0	0	0	154	18	10	0	0	43.1
S&D Newmooring	0	0	0	0	122	37	7	0	2	38.62
O & M Circle, Chatta-Metro (North)										
DD- Fouzderhat	0	0	0	0	72	68	32	0	40	35.2
S & D, Hathazari	0	0	0	1	70	46	77	2	2	34.82
S & D, Barabkunda	0	0	0	0	48	33	31	1	2	21.77
S & D Mohara	0	0	0	0	47	56	28	0	46	26.21
O & M Circle, Chatta-Metro (South)										
Dist. Divn. Patiya	0	0	1	0	127	105	75	5	3	60.845
Dist. Divn. Cox's Bazar	0	0	0	0	137	105	127	41	39	70.39
O & M Circle, Rangamati										
Dist. Divn. Rangamati	0	0	1	1	9	59	181	33	71	35.125
Dist. Divn. Khagrachari	1	1	2	0	16	48	214	46	61	40.04
Dist. Divn. Bandarban	0	0	0	0	12	36	88	28	21	20.61
Sub Total	**1**	**2**	**7**	**2**	**2430**	**1093**	**1066**	**156**	**291**	**948.215**
Comilla Zone										
O & M Circle, Comilla										
S&D-1, Comilla	0	0	0	0	52	95	140	0	2	46.02
Burichong E/S	0	0	0	0	7	15	38	0	0	8.55
S & D-2, Comilla	0	0	0	0	45	130	58	0	0	43.05
Chauddagram E/S	0	0	0	0	11	28	30	0	0	11.35
S & D-3, Comilla	0	0	0	0	24	80	98	0	0	31.8
S & D Daulatgonj	0	0	0	0	15	48	53	0	0	18.65

Name of ESU / Division	Distribution Transformer 11/0.4 KV									
	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)
S & D, Chandpur	0	0	0	0	10	92	66	0	2	27.52
B-Baria E/S	0	0	0	0	44	182	118	0	0	59.2
S & D Ashugonj	0	5	0	0	72	109	73	0	0	49.6
S & D Sarial	0	3	0	0	22	75	64	0	0	28.4
O & M Circle, Noakhali										
S&D-Mizdee	0	0	0	0	36	101	78	1	2	37.07
S & D Choumo.	0	0	0	0	40	50	64	0	0	26.4
Hatiya E/S	0	0	0	0	2	4	4	0	0	1.7
S&D-Feni	0	0	0	0	40	115	105	0	0	43.5
Bashourhat E/S	0	0	0	0	12	32	30	1	0	12.45
S&D-Laxmipur	0	0	0	0	22	33	56	0	0	17.7
Sub Total	**0**	**8**	**0**	**0**	**454**	**1189**	**1075**	**2**	**6**	**462.96**
Central Zone, Mymensingh										
O & M Circle, Mymensingh										
S&D-1(N), PDB, Mymensingh	0	1	0	0	22	270	289	14	0	89.6
S&D-2(S), PDB, Mymensingh	0	4	0	0	43	181	215	13	0	71.1
S&D,Goffargoan	0	0	0	0	25	83	112	0	0	34.05
S&D,Netrokona	0	1	0	0	12	46	67	0	0	19.4
Dist.Div Kishorganj	0	0	0	0	33	42	70	4	0	23.85
S&D,Bhairab	0	0	0	0	14	74	89	0	0	27.2
S&D,Sherpur	0	1	0	0	57	163	188	4	33	66.68
S&D,Valuka	0	0	0	0	71	58	33	0	0	32.65
O & M Circle, Tangail										
S & D, Jamalpur	0	0	0	0	30	88	85	3	9	33.84
Sharishabari	0	0	0	0	10	35	15	0	5	11.05
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	75.39
S & D Bhuapur	0	0	0	0	30	60	75	2		27.1
S & D Khalihati	0	0	0	0	55	130	166	5	0	56.6
S & D-1 Tangail	0	0	0	0	90	98	75	1		49.65
S & D-2 Tangail	0	0	0	0	57	95	60	0		39.25
Sub Total	**0**	**7**	**0**	**0**	**674**	**1644**	**1897**	**62**	**131**	**694.91**

Name of ESU / Division	Distribution Transformer 11/0.4 KV									
	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)
Sylhet Zone										
O & M Circle, Sylhet										
S & D 1	0	0	0	0	103	224	156	5		86.4
S & D 2	0	12	0	0	119	165	105	10		79.75
S & D 3	0	0	0	0	32	101	137	5	28	42.43
S & D 4	0	0	0	0	30	75	85		4	31.04
S & D Sunamganj	0	0	0	0	20	40	70	2	2	20.12
S & D Chatak	0	1	0	0	26	93	57	1	32	31.67
Derai E/S	0	0	0	0	28	29	41	2	16	17.16
O & M Circle, Moulovibazar										
Dist. Divi. Moulovibazar	0	0	0	0	35	45	50			22.75
S & D Hobigonj	0	3	0	0	48	62	32	1	3	29.18
S & D Kulaura	0	4	0	0	24	75	65		35	29.85
Jogonnathpur E/S	0	0	0	0	23	65	126	7	48	32.18
Jaintapur E/S	0	1	0	0	12	64	101	3	36	26.91
Sub Total	**0**	**21**	**0**	**0**	**500**	**1038**	**1025**	**36**	**204**	**449.44**
Rajshahi Zone										
O & M Circle, Rajshahi-1										
S & D-1, Rajshahi	0	0	0	0	40	40	75	5	0	25.75
S & D-2, Rajshahi	0	0	0	0	68	67	170	3	2	47.57
S & D-3, Rajshahi	0	0	0	0	65	100	173	2	8	53.73
S & D-4, Rajshahi	0	0	4	0	83	80	145	0	8	52.59
S & D-5, Rajshahi	0	0	0	0	15	17	95	2	27	17.02
O & M Circle, Rajshahi-2										
Chapai Nowabgonj-1	0	0	0	0	35	46	53	0	9	23.34
Chapai Nowabgonj-2	0	0	0	0	10	50	60	2	4	18.64
Natore	0	0	0	0	16	48	47	0	18	18.48
Gomostapur	0	0	0	0	10	34	70	7	0	16.65
Godagari	0	0	0	0	23	51	74	2	16	23.61
Shibjonj	0	0	0	0	16	20	19	1	2	9.97
O & M Circle, Bogra										
S & D-1, Bogra	0	0	0	1	45	82	67	1	1	34.71
S & D-2, Bogra	0	0	0	0	55	115	99	1	0	46.7
S & D-3, Bogra	0	0	0	0	50	48	86	0	0	30.7
S & D Sherpur	0	0	0	0	26	86	40	0	20	27.9
S & D Dupchachia	0	0	0	0	31	85	72	0	0	31.95
S & D Santahar	0	0	0	1	17	86	67	3	0	28.6
S & D Joypurhat	0	1	0	0	36	25	44	1	0	18.95
S & D Naogaon	0	0	0	0	30	118	151	0	0	46.2
Shibganj E/S	0	1	0	0	6	48	5	0	0	12.1

Name of ESU / Division	Distribution Transformer 11/0.4 KV									
	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, Pabna										
S & D-1, Pabna	0	0	0	0	38	81	51	0	0	30.8
S & D-2, Pabna	0	0	0	0	16	86	59	0	0	27.1
S & D Ishurdi	0	8	0		32	106	91	0	22	42.52
S & D Sirajgonj	0	1	0	0	17	132	77	0	0	38.85
Sub Total		**11**	**4**	**2**	**780**	**1651**	**1890**	**30**	**137**	**724.43**
Rangpur Zone										
O & M Circle, Rangpur										
S & D -1, Rangpur	0	1	0	0	38	70	55	3	0	29.65
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	15.05
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		**51**	**11**	**4**	**5218**	**7646**	**7852**	**324**	**769**	**3674**

DISTRIBUTION SUMMARY

(As of June 2016)

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)	1015/1237	447/579	692/906	417/539	638/838	385/494	**3593/4694**
2.	Distribution Lines (k.m)	8583	4093	5922	6540	10,500	6469	**42107**
3.	Total no. of Consumers	8,45,369	4,55,232	6,93,429	4,67,225	6,80,209	3,15,714	**34,57,178**
4.	Distribution System Loss (%)	10.59	12.76	11.14	14.23	13.96	13.19	**11.01**

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	FY2016
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	842
b) 15 x 190	524	163	298	716	676	723	564	1,256	1,901	600	582	499	1322	1929	1115	1110	1390	3430	1880
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	6831
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	4249
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	53381
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	47478
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	30406
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	12903
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	3000
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	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	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	4000
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	69.01

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	FY2016
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	3245
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	828
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	7929
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	29384
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	25555
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	11832
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	2500
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	2500
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	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	120.02

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	512	12x230x512
	11 M	230	375	55	1,110.46	512	11 x230x512
iii) 0.4 kv poles	9 M	150	270	50	522.50	233	9x150x232

A review meeting of different projects under implementation chaired by State Minister for Power, Energy and Mineral Resources Mr. Nasrul Hamid MP.

Participants in a Workshop on Clean Coal Technology.

Annual Performance Agreement between Chairman BPDB and Members of the Board.

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. Beside 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 2015-2016, Generation cost of BPDB's own plant and Electricity purchase from other sources are shown in 'Table -A' with compare to the preceding year.

Table-A

Particulars	FY 2015-16		FY 2014-15		Increase/ (Decrease)
	Amount (Crore Tk.)	Cost (Tk/kWh)	Amount (Crore Tk.)	Cost (Tk/kWh)	
i. BPDB's Generation	5,626.09	4.40	5,427.68	4.73	3.66%
ii. Purchase from IPP	7,565.18	5.11	6,131.33	6.32	23.39%
iii. Purchase from Rental	6,452.01	6.91	8,774.78	8.90	(26.47)%
iv. Purchase from Public Plant	3,993.83	4.22	3,365.59	3.62	18.67%
v. Purchase from India	1,966.87	5.15	1,900.37	5.62	3.50%
vi. Interest on budgetary support	994.65	0.20	780.66	0.18	27.41%
vi. Provision for Maintenance and Development fund	1,270.50	0.25	1,034.35	0.24	22.83%
Total	**27,869.12**	**5.55**	**27,414.76**	**6.27**	**1.66%**
Energy Sales	**24,375.95**		**20,492.13**		**18.95%**

It shows that BPDB's own generation cost, Energy purchase from IPP, Public plant & India have increased by 3.66%, 23.39%, 18.67%, 3.50% respectively and Energy purchase from Rental Plants decreased by 26.47. Compared to FY 2015-2016. Chart-1 shows the comparative generation picture.

Cost of Electricity Generation and Purchase

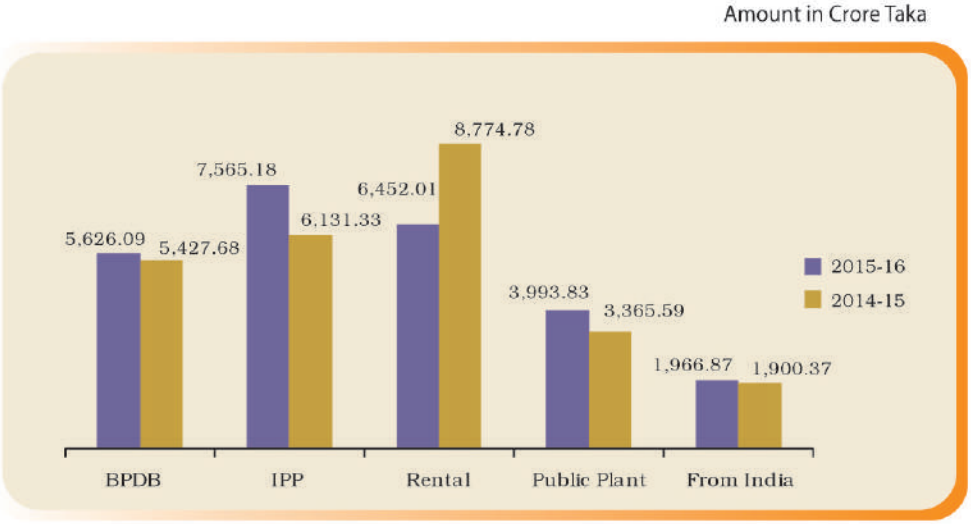


Chart-1

During the financial year 2015-2016 amount of sales to BPDB's own consumer DPDC, DESCO, WZPDCL, & REB and the collected amount against sales are given bellow:

Table-B

Particulars Sales	Sales (Crore Tk.)	Collection (Crore Tk.)	2015-2016 (% of collection on sales)	2014-2015 (% of collection on sales)	Increase / (Decrease)
PDB's own consumer	6,993.51	6,654.15	95.15%	95.62%	(0.47)%
DPDC	4,723.60	4,454.39	94.30%	91.31%	2.99%
DESCO	2,766.51	2,691.66	97.29%	98.87%	(1.58)%
WZPDCL	1,057.77	1,288.28	121.79%	98.07%	23.72%
REB	8,834.56	8,554.71	96.83%	97.94%	(1.11)%
Total	**24,375.95**	**23,643.20**	**96.99%**	**96.08%**	**0.91%**

During the financial year 2015-2016 sales to BPDB's own consumer, DPDC, DESCO, WZPDCL and REB Taka 6,993.51 crores 4,723.60 Crores, 2,766.51 Crores, 1,057.77 Crores and 8,834.56 Crores respectively against which amount collected was 6,654.15 Crore 4,454.39 Crore, 2,691.66 Crore, 1,288.28 Crore and 8,554.71 Crore which is only 95.15%, 94.30%, 97.29%, 121.79% and 96.83% of billed amount respectively.

Comparative collection over sales

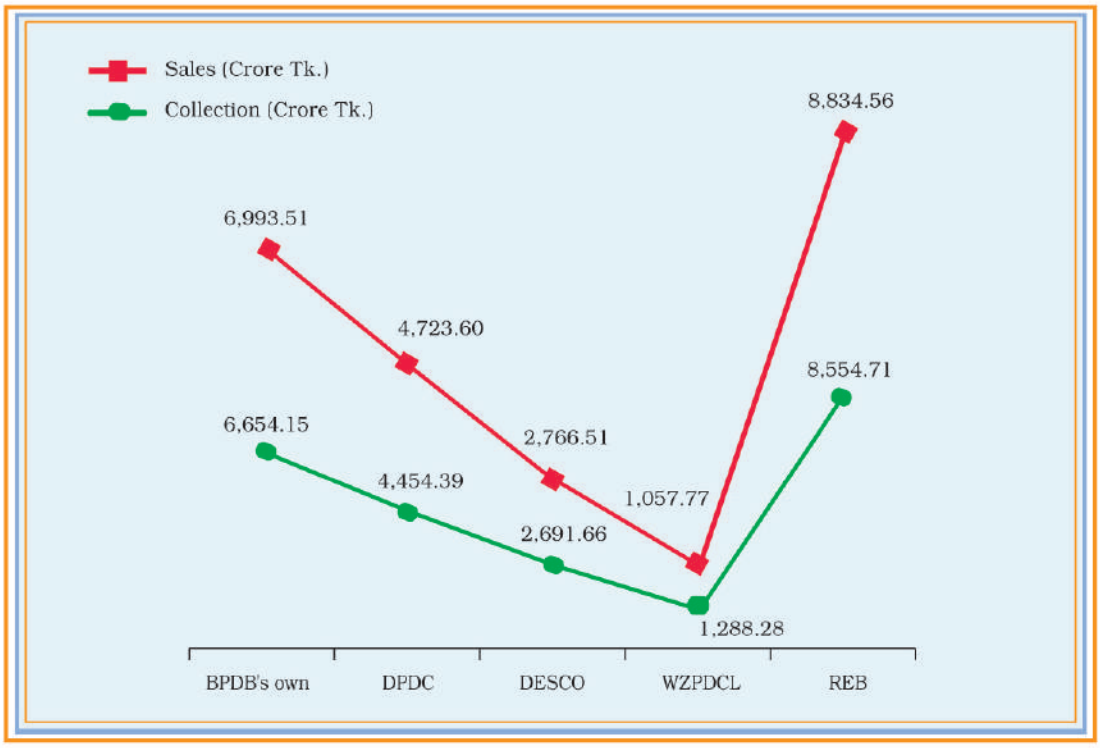


Chart-2

A comparison of the Operating income and operating expenses for FY 2015-2016 and FY 2014-2015 is shown below:

Table-C

Amount in Crore Taka

Head of Accounts	FY 2015-2016	FY 2014-2015	Amount increase/ (Decrease)	Percentage of increase/(Decrease)
Operating Revenue (1)	**25,322.33**	**21,187.63**	**4,134.69**	**19.51%**
Sale of Electricity	24,375.95	20,492.13	3,883.82	18.95%
Other Operating Revenue	946.38	695.51	250.87	36.07%
Operating Expenses (2)	**26,682.93**	**26,462.41**	**220.52**	**0.83%**
Fuel Cost	3,420.41	3,586.87	(166.46)	(4.64)%
Generation Expenses (Excluding fuel cost)	1,795.55	1,524.77	270.78	17.76%
Electricity purchase from IPP	7,565.18	6,131.33	1,433.85	23.39%
Electricity purchase from RENTAL	6,452.01	8,774.78	(2,322.77)	(26.47)%
Electricity purchase from Public Plant	3,993.83	3,365.59	628.24	18.67%
Electricity purchase from India	1,966.87	1,900.37	66.50	3.50%
Wheeling Charge to PGCB	271.84	201.82	70.02	34.70%
Distribution & Coml. Expenses	896.34	745.07	151.27	20.30%
General & Administrative Expenses	320.90	231.81	89.09	38.43%
Operating Profit/(Loss) = (1-2)	**(1,360.60)**	**(5,274.78)**	**3,914.17**	**(74.21)%**

Table-c shows that sale of electricity has increased by 18.95% and Other Operating Revenue has increased by 36.07% respectively over FY 2015-2016. The cost of fuel for generation and other generation expense has decreased by 4.64% and increased 17.76% respectively over FY 2014-2015.The total operating expenses has increased by 0.83%.

Table-C also shows that each component of the operating expenses have increased except Electricity purchase from Rental plant which is decreased by 26.47%. Operating Loss for the year 2015-2016 has decreased by 74.21%.

COMPARATIVE STATEMENT OF BUDGET AND ACHIVEMENT FOR THE YEAR 2015-2016

Amount in Lac Taka

Particulars	Budget	Achievement	Performance Over Budget	Favorable (F)/ Adverse (A)
REVENUE				
ENERGY SALES (BULK)	2,341,988	2,437,595	95,607	F
OTHER OPERATING INCOME	30,000	94,638	64,638	F
TOTAL OPERATING REVENUE	**2,371,988**	**2,532,233**	**160,245**	**F**
OPERATING EXPENSES				
FUEL COST - GAS	88,058	92,711	4,653	A
DIESEL/FURNACE OIL USED FOR ELECTRICITY GENERATION	263,181	191,772	(71,409)	F
COAL USED FOR ELECTRICITY GENERATION	43,043	57,558	14,515	A
ELECTRICITY PURCHASE FROM IPP	713,923	756,518	42,595	A
ELECTRICITY PURCHASE FROM RENTAL	652,610	645,201	(7,409)	F
ELECTRICITY PURCHASE FROM INDIA	223,559	196,687	(26,872)	F
ELECTRICITY PURCHASE FROM PUBLIC PLANT	412,582	399,383	(13,199)	F
DEPRECIATION	121,598	133,904	12,306	A
REPAIR & MAINTENANCE EXPENSES	67,735	23,719	(44,016)	F
PERSONNEL EXPENSES	111,110	111,567	(457)	A
OFFICE & ADMINISTRATIVE EXPENSES	26,231	32,090	(5,859)	A
TRANSMISSION EXPENSES FOR WHEELING CHARGE	27,801	27,184	(617)	F
TOTAL OPERATING EXPENSES	**2,751,431**	**2,668,293**	**(83,138)**	**F**
OPERATING INCOME / (LOSS)	**(379,443)**	**(136,060)**	**243,383**	**A**
NON - OPERATING EXPENSES				
ASSETS INSURANCE FUND	150	150	-	F
INTEREST ON LOANS	125,653	123,564	(2,089)	F
MAINTANANCE & DEVELOPMENT FUND	118,006	127,050	9,044	A
GAIN / (LOSS) DUE TO EXCHANGE RATE FLUCTUATION	499	(551)	(1,050)	F
NET NON-OPERATING EXPENSES	**244,308**	**251,315**	**7,007**	**A**
COMPREHENSIVE INCOME / (LOSS) FOR THE YEAR	**(623,751)**	**(387,375)**	**236,376**	**F**

From the above statement it is found that, the actual net loss for the FY 2015-2016 is Taka 3,873.75 Crore against the revised budgeted net Loss of Taka 6,237.51 Crore. Which is less than budget provision by Taka 2,363.76 Crore. In analysis of 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 4,055.67 Crore has transferred to assets in operation during the FY 2015-2016. Depreciation has been charged @ 3.20% on the opening balance of utility plant in service except those of 820mw. project 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

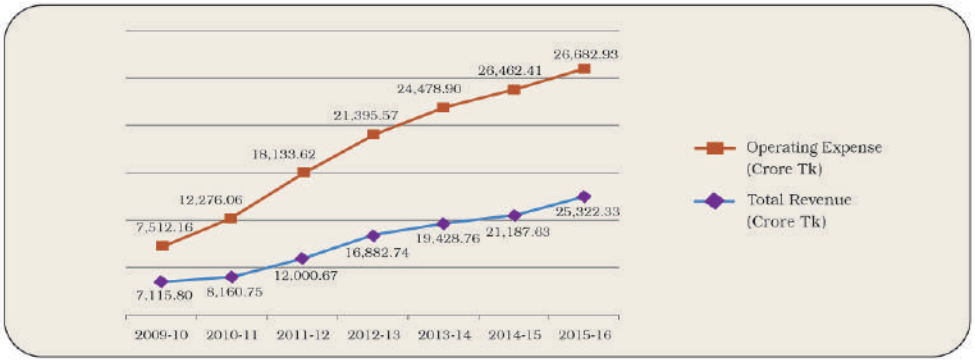


Chart-3

Category Wise Total Expenses

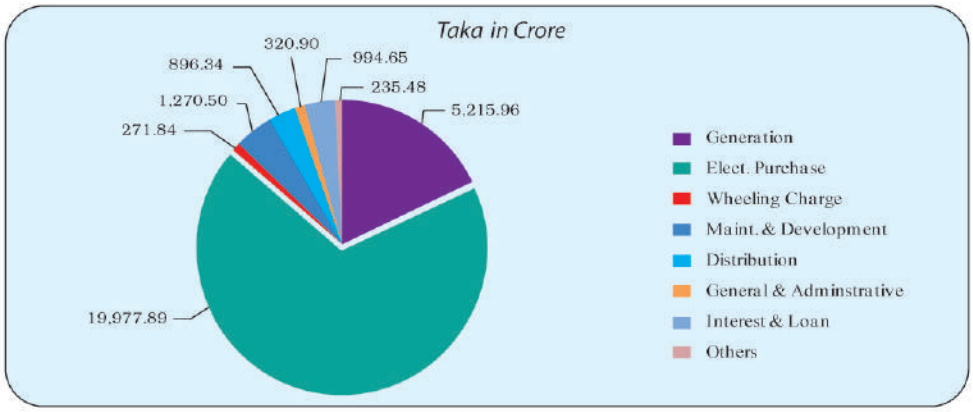


Chart-4

BPDB's Own Generation and Electricity Purchase

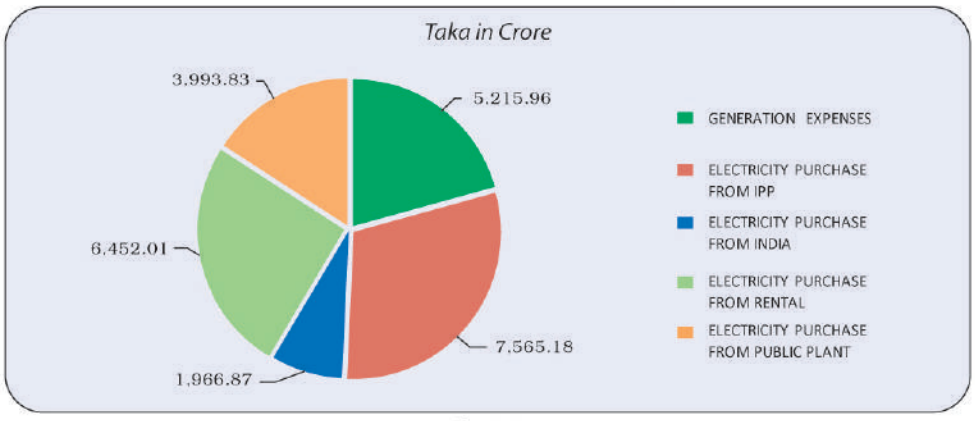


Chart-5

STATEMENT OF FINANCIAL POSITION

AS AT JUNE 30, 2016

Figures In Taka

PROPERTY AND ASSETS	FY 2015-16	FY 2014-15
NON-CURRENT ASSETS		
UTILITY PLANT IN SERVICE	468,096,193,005	419,203,706,433
LESS : ACCUMULATED DEPRECIATION	208,750,513,591	195,360,117,102
WRITTEN DOWN VALUE	**259,345,679,414**	**223,843,589,331**
PROJECT IN PROGRESS	60,804,785,088	59,298,712,710
INVESTMENT IN SHARES	20,862,113,478	20,094,762,718
TOTAL NON-CURRENT ASSETS	**341,012,577,979**	**303,237,064,759**
CURRENT ASSETS		
INVESTMENT	46,701,338,353	37,553,379,700
CASH IN HAND AND AT BANK	66,835,315,643	69,421,813,471
ACCOUNTS RECEIVABLE - TRADE	97,067,090,270	89,739,593,431
ACCOUNTS RECEIVABLE - OTHERS	15,204,688,709	17,678,119,449
PROVISION FOR BAD AND DOUBTFUL DEBTS	(1,236,107,585)	(1,066,431,686)
ADVANCE TO CONTRACTORS AND SUPPLIERS	7,036,202,311	340,553,663
ADVANCE TO EMPLOYEES	1,667,272,757	1,579,956,806
STOCK AND STORES	12,663,115,493	13,401,510,391
SECURITY DEPOSIT TO OTHER UTILITY	119,154,459	90,350,592
INCOME TAX DEDUCTION AT SOURCE	2,858,945,444	2,220,650,705
TOTAL CURRENT ASSETS	**248,917,015,853**	**230,959,496,521**
TOTAL PROPERTY AND ASSETS	**589,929,593,832**	**534,196,561,280**

RAHMAN MOSTAFA ALAM AND CO.
Chartered Accountants

J.U. AHMED AND CO.
Chartered Accountants

STATEMENT OF FINANCIAL POSITION

AS AT JUNE 30, 2016

Figures In Taka

CAPITAL AND LIABILITIES	FY 2015-16	FY 2014-15
AUTHORIZED CAPITAL	**200,000,000,000**	**200,000,000,000**
EQUITY AND RESERVE		
PAID UP CAPITAL	163,627,550,900	155,632,244,275
RETAINED EARNINGS	(450,355,305,804)	(416,481,863,930)
APPRAISAL SURPLUS	117,057,871,482	117,057,871,482
GOVERNMENT EQUITY AGAINST DESCO'S SHARE	2,244,887,760	2,244,887,760
GRANTS	5,803,755,860	5,103,755,860
DEPOSIT WORK FUND	3,070,960,706	2,551,069,570
LIQUIDITY DAMAGE RESERVE	72,053,500	72,053,500
MAINTANANCE AND DEVELOPMENT FUND	46,395,327,096	33,690,360,745
ASSETS INSURANCE FUND	345,000,000	330,000,000
	(111,737,898,501)	**(99,799,620,739)**
LONG TERM LIABILITIES		
GOVERNMENT LOAN	66,026,547,979	63,968,368,012
BUDGETARY SUPPORT AS SUBSIDY FROM GOVT. (DIFFERENCE OF BUYING & SELLING RATE)	356,164,200,000	328,215,200,000
FOREIGN LOAN	53,117,903,527	29,334,507,671
	475,308,651,506	**421,518,075,683**
DEPOSIT AND PROVISION FUND		
SECURITY DEPOSIT (CONSUMERS)	4,743,236,482	4,393,169,761
GPF AND CPF	6,207,674,120	5,597,397,620
GRATUITY AND PENSION FUND	12,266,119,259	10,764,731,348
	23,217,029,861	**20,755,298,729**
CURRENT LIABILITIES		
ACCOUNTS PAYABLE	34,947,084,160	41,604,304,952
SECURITY DEPOSIT (CONTRACTORS & SUPPLIERS)	817,028,768	781,958,011
CURRENT PORTION OF LONG TERM LIABILITIES	4,474,339,658	3,532,109,213
DEBT SERVICING LIABILITIES (PRINCIPAL)	70,291,710,430	66,885,036,634
REIMBURSABLE PROJECT AID	1,024,287,460	1,111,757,527
DEBT SERVICING LIABILITIES (INTEREST)	57,054,354,364	53,744,362,376
INTEREST ON BUDGETARY SUPPORT FROM GOVT.(FUND)	33,529,595,714	23,583,097,892
OTHER LIABILITIES	890,538,199	561,372,970
	203,028,938,754	**191,803,999,576**
CLEARING ACCOUNTS	112,872,214	(81,191,967)
TOTAL EQUITY AND LIABILITIES	**589,929,593,832**	**534,196,561,280**

RAHMAN MOSTAFA ALAM AND CO.
Chartered Accountants

J.U. AHMED AND CO.
Chartered Accountants

STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

FOR THE YEAR ENDED JUNE 30, 2016

Figures In Taka

PARTICULARS	FY 2015-16	FY 2014-15
OPERATING REVENUE		
ENERGY SALES	243,759,467,959	204,921,270,320
OTHER OPERATING INCOME	9,463,837,317	6,955,065,129
	253,223,305,276	**211,876,335,448**
OPERATING EXPENSES		
GENERATION EXPENSES	52,159,575,296	51,116,440,247
ELECTRICITY PURCHASE FROM IPP	75,651,799,556	61,313,273,341
ELECTRICITY PURCHASE FROM INDIA	19,668,713,252	19,003,732,517
ELECTRICITY PURCHASE FROM RENTAL	64,520,102,192	87,747,847,923
ELECTRICITY PURCHASE FROM PUBLIC PLANT	39,938,266,211	33,655,883,399
TRANSMISSION EXPENSES FOR WHEELING CHARGE	2,718,433,370	2,018,151,423
DISTRIBUTION EXPENSES	8,963,415,560	7,450,673,423
GENERAL AND ADMINISTRATIVE EXPENSES	3,209,013,629	2,318,140,874
	266,829,319,065	**264,624,143,146**
OPERATING INCOME / (LOSS)	**(13,606,013,789)**	**(52,747,807,698)**
BUDGETARY SUPPORT FROM GOVT.	9,946,497,822	7,806,621,978
FINANCING AND OTHER CHARGES	2,409,899,121	2,465,393,274
NET INCOME/(LOSS)BEFORE EXCH. RATE FLUCTUATION	**(25,962,410,732)**	**(63,019,822,950)**
ASSETS INSURANCE FUND	15,000,000	15,000,000
MAINTANANCE AND DEVELOPMENT	12,704,966,351	10,343,470,000
GAIN/(LOSS) DUE TO EXCHANGE RATE FLUCTUATION	(55,126,490)	548,396,279
NET INCOME / (LOSS) FOR YEAR	**(38,737,503,572)**	**(72,829,896,671)**
RETAINED EARNINGS		
BALANCE AS AT JULY 01, 2015	(416,481,863,930)	(340,758,443,614)
PREVIOUS YEAR'S ADJUSTMENT	4,864,061,698	(2,893,523,645)
NET INCOME / (LOSS) FOR THE YEAR	(38,737,503,572)	(72,829,896,671)
BALANCE AS AT JUNE 30. 2016	**(450,355,305,804)**	**(416,481,863,930)**

RAHMAN MOSTAFA ALAM AND CO.
Chartered Accountants

J.U. AHMED AND CO.
Chartered Accountants

STATEMENT OF CASH FLOW FOR THE YEAR ENDED JUNE 30, 2016

Figures In Taka

SL. No.	DESCRIPTION	AMOUNT	AMOUNT	AMOUNT
	CASH FLOW FROM OPERATING ACTIVITIES			
A	**Total Receipts from BPDB Customer, REB and Others**			
	Operating Revenue-Note-40 & 41	**253,223,305,276**		
	Accounts Receivable-Trade-Opening-Note-9	89,739,593,431		
	Accounts Receivable-Trade-Closing-Note-9	(97,067,090,270)		
	Accounts Receivable-Others -Opening-Note-10 (Except 142A, 142B & 142C)	11,421,355,143		
	Accounts Receivable-Others -Closing-Note-10 (Except 142A, 142B & 142C)	(10,963,667,916)		
	Provision for Bad Debt-Opening-Note-12	(1,066,431,686)		
	Provision for Bad Debt-Closing-Note-12	1,236,107,585		
			246,523,171,563	
B	**Less Total Payment for Operating Expenses and Others**			
	Operating Expenses net of Depreciation	250,190,489,206		
	Previous Year's Adjustments-Note-54	(4,864,061,698)		
	Interest Charges- Sh-52 (Code-675 and Interest of Foreign Loan paid in cash)	461,428,669		
	Liquidity Reserve-Opening- Note-24	72,053,500		
	Liquidity Reserve-Closing - Note-24	(72,053,500)		
	Accounts Payable-Opening -Note-33	41,604,304,952		
	Accounts Payable-Closing- Note-33	(34,947,084,160)		
	Security Deposit Contractor's-Opening -Note-30	781,958,011		
	Security Deposit Contractor's-Closing- Note-30	(817,028,768)		
	Other Liabilities-Opening-Note-40	561,372,970		
	Other Liabilities-Closing-Note-40	(890,538,199)		
	Advance to Contractors-Opening - Note-13	(340,553,663)		
	Advance to Contractors-Closing - Note-13	7,036,202,311		
	Advance to Employees-Opening- Note-14	(1,579,956,806)		
	Advance to Employees-Closing- Note-14	1,667,272,757		
	Stock and Stores-Opening- Note-15	(13,401,510,391)		
	Stock and Stores-Closing- Note-15	12,663,115,493		
	Clearing Account-Opening- Note-41	(81,191,967)		
	Clearing Account-Closing- Note-41	(112,872,214)		
	Deposits and Prepaid-Opening- Note-16	(2,311,001,296)		
	Deposits and Prepaid-Closing -Note-16	2,978,099,903		
			258,598,445,108	
C	**Reimburseable Project Aid- received-Sh-37**		-	
D	**NET CASH OUTFLOW FROM OPERATING ACTIVITIES (A-B-C)**			**(12,075,273,545)**
	CASH FLOW FROM INVESTING ACTIVITIES			
	Consumers Security Deposit -Note-30 (Closing-Opening)	350,066,721		
	Capital Expenditure-UPIS- Sh-3	(8,335,794,647)		
	Capital Expenditure-PIP (Net Cash) 06	(37,927,983,163)		
	Employees Contribution to GPF, CPF and Pension Fund-Note- (Closing-Opening) 31, 32	2,111,664,411		
	Investment in Share -07	(767,350,760)		
	Encashment of FDR-Sh-07	8,663,046,754		
	Investment in FDR-Sh-07	(17,811,005,406)		
E	**NET CASH OUT FLOW FROM INVESTING ACTIVITIES**			**(53,717,356,090)**
	CASH FLOW FROM FINANCING ACTIVITIES			
	Capital Contribution -Note-19 (Closing-Opening)	8,136,480,000		
	Grant-Note-22 (Closing- Opening)	700,000,000		
	Govt. Loan- Sh-28 (Loan Drawn during the Year)	3,536,070,000		
	Reimburseable Project Aid- received-Sh-37	-		
	Foreign Loan- Sh-29.Loan wise(Loan Drawn during the Year)	25,038,209,504		
	Deposit Work Fund -Note-23 (Closing- Opening)	519,891,136		
	DSL (Principal due) PGCB, APSCL and WZPDC (Except Cash) A/R Other	-		
	DSL (Interest) PGCB, APSCL and WZPDC (Except Cash) A/R Other	-		
	Repayment of Foreign Loan-Sh-29	(1,232,860,659)		
	Repayment of Govt. Loan-Sh-28	(1,048,352,000)		
	Refund of Govt. Loan- Sh-28	(77,132,800)		
	Refund of Equity to GOB	(315,173,375)		
F	**NET CASH INFLOW FROM FINANCING ACTIVITIES**			**35,257,131,807**
G	**NET CASH OUTFLOW (D+E+F)**			**(30,535,497,828)**
H	**CASH RECEIVED FROM GOVT. AS BUDGETARY SUPPORT**			**27,949,000,000**
I	**OPENING CASH IN HAND**			**69,421,813,471**
J	**CLOSING CASH IN HAND(G+H+I)**			**66,835,315,643**

STATEMENT OF FINANCIAL POSITION (GENERATION AND BULK)

AS AT JUNE 30, 2016

Figures In Taka

PROPERTY AND ASSETS	FY 2015-16	FY 2014-15
NON-CURRENT ASSETS		
UTILITY PLANT IN SERVICE	346,068,484,357	323,455,206,977
LESS : ACCUMULATED DEPRECIATION	156,026,331,743	145,787,957,288
WRITTEN DOWN VALUE	**190,042,152,613**	**177,667,249,689**
PROJECT IN PROGRESS	53,200,954,355	34,474,647,626
INVESTMENT IN SHARES	15,655,207,037	14,887,856,277
TOTAL NON-CURRENT ASSETS	**258,898,314,005**	**227,029,753,593**
CURRENT ASSETS		
INVESTMENT	34,925,231,395	27,142,406,558
CASH IN HAND AND AT BANK	51,667,646,183	56,072,792,060
ACCOUNTS RECEIVABLE - TRADE-BULK	72,344,938,565	68,410,959,711
ACCOUNTS RECEIVABLE - FROM SPC BULK	26,437,840,544	20,814,307,254
ACCOUNTS RECEIVABLE - OTHERS	12,158,727,576	14,773,150,487
ADVANCE TO CONTRACTORS & SUPPLIERS	6,944,585,885	243,464,118
ADVANCE TO EMPLOYEES	928,203,256	883,600,519
STOCK AND STORES	11,445,804,538	12,424,781,790
SECURITY DEPOSIT TO OTHER UTILITIES	108,108,469	81,839,751
INCOME TAX DEDUCTION AT SOURCE	2,650,042,815	2,034,842,380
TOTAL CURRENT ASSETS	**219,611,129,225**	**202,882,144,628**
TOTAL PROPERTY AND ASSETS	**478,509,443,230**	**429,911,898,221**

RAHMAN MOSTAFA ALAM AND CO.
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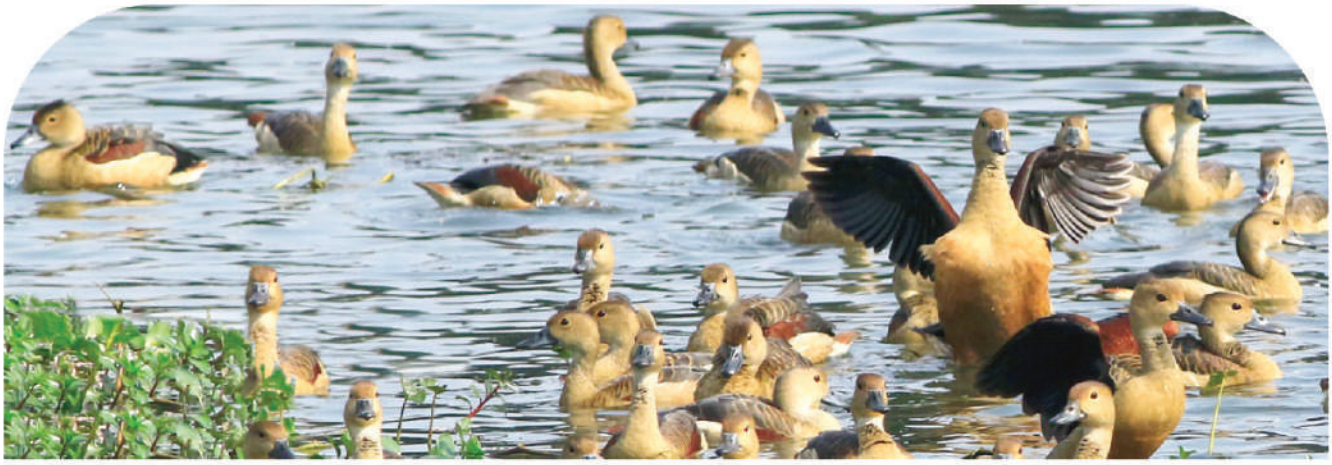

STATEMENT OF FINANCIAL POSITION (GENERATION AND BULK)

AS AT JUNE 30, 2016

Figures In Taka

CAPITAL AND LIABILITIES	FY 2015-16	FY 2014-15
EQUITY AND RESERVE		
PAID UP CAPITAL	133,635,758,341	129,137,970,541
RETAINED EARNINGS	(420,582,617,151)	(388,803,270,634)
APPRAISAL SURPLUS	89,477,620,309	89,477,620,309
GRANTS	3,657,812,642	2,957,812,642
LIQUIDITY DAMAGE RESERVE	72,053,500	72,053,500
MAINTANANCE AND DEVELOPMENT FUND	46,395,327,096	33,690,360,745
ASSETS INSURANCE FUND	261,000,000	249,000,000
	(147,083,045,263)	**(133,218,452,898)**
LONG TERM LIABILITIES		
GOVERNMENT LOAN	53,880,011,458	53,471,836,208
BUDGETARY SUPPORT AS SUBSIDY FROM GOVT. (DIFFERENCE OF BUYING AND SELLING RATE)	356,164,200,000	328,215,200,000
FOREIGN LOAN	40,790,702,417	15,707,807,986
	450,834,913,875	**397,394,844,194**
DEPOSIT & PROVISION FUND		
GPF AND CPF	3,636,559,361	3,304,500,852
GRATUITY AND PENSION FUND	8,373,668,611	6,963,544,342
	12,010,227,972	**10,268,045,194**
CURRENT LIABILITIES		
ACCOUNTS PAYABLE	33,792,380,671	41,254,361,012
SECURITY DEPOSIT (CONTRACTORS AND SUPPLIERS)	519,346,836	513,923,137
CURRENT PORTION OF LONG TERM LIABILITIES	3,193,726,180	2,535,971,961
DEBT SERVICING LIABILITIES (PRINCIPAL)	48,682,828,329	47,274,854,818
REIMBURSABLE PROJECT AID	516,533,039	516,533,039
DEBT SERVICING LIABILITIES (INTEREST)	41,857,457,390	39,617,525,394
INTEREST ON BUDGETARY SUPPORT FROM GOVT. (FUND)	33,529,595,714	23,583,097,892
OTHER LIABILITIES	356,033,220	210,333,608
	162,447,901,379	**155,506,600,861**
CLEARING ACCOUNTS	299,445,267	(39,139,132)
TOTAL EQUITY AND LIABILITIES	**478,509,443,230**	**429,911,898,221**

RAHMAN MOSTAFA ALAM AND CO.
Chartered Accountants

J.U. AHMED AND CO.
Chartered Accountants

STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME OF GENERATION AND BULK SUPPLY

FOR THE YEAR ENDED JUNE 30, 2016

Figures In Taka

PARTICULARS	FY 2015-16	FY 2014-15
OPERATING REVENUE		
ENERGY SALES (BULK)	235,811,585,402	200,262,011,128
OTHER OPERATING INCOME	6,194,836,381	4,567,691,058
	242,006,421,783	**204,829,702,186**
OPERATING EXPENSES		
FUEL EXPENSES	34,204,064,815	35,868,741,308
PERSONNEL EXPENSES	4,837,817,069	3,237,021,197
OFFICE EXPENSES	336,097,382	291,190,549
REPAIRS AND MAINTENANCE EXPENSES	2,685,390,487	2,713,246,337
DEPRECIATION	10,096,205,543	9,006,240,856
SUB TOTAL OWN GENERATION EXPENSES	**52,159,575,296**	**51,116,440,247**
ELECTRICITY PURCHASE FROM IPP	75,651,799,556	61,313,273,341
ELECTRICITY PURCHASE FROM INDIA	19,668,713,252	19,003,732,517
ELECTRICITY PURCHASE FROM RENTAL	64,520,102,192	87,747,847,923
ELECTRICITY PURCHASE FROM PUBLIC PLANT	39,938,266,211	33,655,883,399
GENERAL AND ADMINISTRATIVE EXPENSES	2,252,193,312	1,575,966,095
	254,190,649,819	**254,413,143,521**
OPERATING INCOME / (LOSS)	**(12,184,228,035)**	**(49,583,441,335)**
FINANCING AND OTHER CHARGES	1,806,166,726	1,859,350,127
INTEREST ON BUDGETARY SUPPORT FROM GOVT.	9,946,497,822	7,806,621,978
INCOME / (LOSS)	**(23,936,892,583)**	**(59,249,513,440)**
GAIN/(LOSS) DUE TO EXCHANGE RATE FLUCTUATION	(30,930,978)	286,976,851
ASSETS INSURANCE FUND	12,000,000	12,000,000
MAINTANANCE AND DEVELOPMENT EXPENSES	12,704,966,351	10,343,470,000
NET INCOME / (LOSS) FOR THE YEAR	**(36,684,789,913)**	**(69,317,906,590)**
RETAINED EARNINGS		
BALANCE AS ON JULY 01, 2015	(388,803,270,634)	(316,591,559,068)
PREVIOUS YEAR'S ADJUSTMENT	4,905,443,397	(2,893,804,977)
NET INCOME / (LOSS) FOR THE YEAR	(36,684,789,913)	(69,317,906,590)
BALANCE AS ON JUNE 30, 2016	**(420,582,617,151)**	**(388,803,270,634)**

RAHMAN MOSTAFA ALAM AND CO.
Chartered Accountants

J.U. AHMED AND CO.
Chartered Accountants

STATEMENT OF FINANCIAL POSITION (DISTRIBUTION SECTOR)

AS AT JUNE 30, 2016

Figures In Taka

PROPERTY AND ASSETS	FY 2015-16	FY 2014-15
NON-CURRENT ASSETS		
UTILITY PLANT IN SERVICE	122,027,708,649	95,748,499,456
LESS : ACCUMULATED DEPRECIATION	52,724,181,846	49,572,159,813
WRITTEN DOWN VALUE	**69,303,526,803**	**46,176,339,643**
PROJECT IN PROGRESS	7,603,830,735	24,824,065,086
INVESTMENT IN SHARES	5,206,906,441	5,206,906,441
TOTAL NON-CURRENT ASSETS	**82,114,263,979**	**76,207,311,170**
CURRENT ASSETS		
INVESTMENT	11,776,106,962	10,410,973,146
CASH IN HAND AND AT BANK	15,167,669,459	13,349,021,409
ACCOUNTS RECEIVABLE - TRADE	24,722,151,705	21,328,633,719
ACCOUNTS RECEIVABLE - OTHERS	3,045,961,134	2,904,968,963
PROVISION FOR BAD AND DOUBTFUL DEBTS	(1,236,107,585)	(1,066,431,686)
ADVANCE TO CONTRACTORS AND SUPPLIERS	91,616,426	97,089,545
ADVANCE TO EMPLOYEES	739,069,502	696,356,288
STOCK AND STORES	1,217,310,955	976,728,600
SECURITY DEPOSIT TO OTHER UTILITIES	11,045,991	8,510,842
INCOME TAX DEDUCTION AT SOURCE	208,902,628	185,808,324
TOTAL CURRENT ASSETS	**55,743,727,177**	**48,891,659,151**
TOTAL PROPERTY AND ASSETS	**137,857,991,156**	**125,098,970,321**

RAHMAN MOSTAFA ALAM AND CO.
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STATEMENT OF FINANCIAL POSITION (DISTRIBUTION SECTOR)

AS AT JUNE 30, 2016

Figures In Taka

CAPITAL AND LIABILITIES	FY 2015-16	FY 2014-15
EQUITY AND RESERVE		
PAID UP CAPITAL	29,991,792,559	26,494,273,734
RETAINED EARNINGS	(29,772,688,647)	(27,678,593,290)
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	3,070,960,706	2,551,069,570
ASSETS INSURANCE FUND	84,000,000	81,000,000
	35,345,146,769	**33,418,832,165**
NON-CURRENT LIABILITIES		
GOVERNMENT LOAN	12,146,536,521	10,496,531,804
FOREIGN LOAN	12,327,201,111	13,626,699,685
SECURITY DEPOSIT (CONSUMERS)	4,743,236,482	4,392,810,777
GPF AND CPF	2,571,114,759	2,292,896,768
GRATUITY AND PENSION FUND	3,892,450,647	3,801,187,006
	35,680,539,520	**34,610,126,039**
CURRENT LIABILITIES		
ACCOUNTS PAYABLE	1,154,703,488	349,943,939
ACCOUNTS PAYABLE TO BPDB GENERATION	26,437,840,544	20,814,307,254
SECURITY DEPOSIT (CONTRACTORS & SUPPLIERS)	297,681,931	268,393,857
CURRENT PORTION OF LONG TERM LIABILITIES	1,280,613,478	996,137,252
DEBT SERVICING LIABILITIES (PRINCIPAL)	21,608,882,101	19,610,181,817
REIMBURSABLE PROJECT AID	507,754,421	595,224,488
DEBT SERVICING LIABILITIES (INTEREST)	15,196,896,973	14,126,836,982
OTHER LIABILITIES	534,504,980	351,039,362
	67,018,877,917	**57,112,064,952**
CLEARING ACCOUNTS	(186,573,050)	(42,052,835)
TOTAL EQUITY AND LIABILITIES	**137,857,991,156**	**125,098,970,321**

RAHMAN MOSTAFA ALAM AND CO.
Chartered Accountants

J.U. AHMED AND CO.
Chartered Accountants

STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME OF DISTRIBUTION SECTOR

FOR THE YEAR ENDED JUNE 30, 2016

Figures In Taka

PARTICULARS	FY 2015-16	FY 2014-15
OPERATING REVENUE		
ENERGY SALES (RETAIL)	69,935,030,823	57,024,310,319
OTHER OPERATING INCOME	3,269,000,936	2,387,374,071
	73,204,031,759	**59,411,684,389**
OPERATING EXPENSES		
POWER PURCHESE COST AS PER BST	61,987,148,266	52,365,051,127
TRANSMISSION EXPENSES FOR WHEELING CHARGE	2,718,433,370	2,018,151,423
SUB-TOTAL ENERGY IMPORT COST	**64,705,581,636**	**54,383,202,550**
PERSONNEL EXPENSES	4,090,177,134	3,008,876,772
OFFICE EXPENSES	436,229,188	434,130,638
REPAIR AND MAINTENANCE EXPENSES	1,189,162,267	1,289,694,786
DEPRECIATION	3,078,171,072	2,593,182,750
PROVISION FOR BAD DEBTS	169,675,899	124,788,478
TOTAL DISTRIBUTION EXPENSES	**8,963,415,560**	**7,450,673,423**
GENERAL AND ADMINISTRATIVE EXPENSES	956,820,316	742,174,779
TOTAL OPERATING EXPENSES	**74,625,817,512**	**62,576,050,752**
OPERATING INCOME / (LOSS)	**(1,421,785,753)**	**(3,164,366,363)**
FINANCING AND OTHER CHARGES	603,732,395	606,043,146
INCOME / (LOSS)	**(2,025,518,148)**	**(3,770,409,509)**
GAIN / (LOSS) DUE TO EXCHANGE RATE FLUCTUATION	(24,195,511)	261,419,429
ASSETS INSURANCE FUND	3,000,000	3,000,000
COMPREHENSIVE INCOME / (LOSS) FOR THE YEAR	**(2,052,713,659)**	**(3,511,990,080)**
RETAINED EARNINGS		
BALANCE AS ON JULY 01, 2015	(27,678,593,290)	(24,166,884,542)
PREVIOUS YEAR'S ADJUSTMENT	(41,381,698)	281,332
NET INCOME / (LOSS) FOR THE YEAR	(2,052,713,659)	(3,511,990,080)
BALANCE AS ON JUNE 30, 2016	**(29,772,688,647)**	**(27,678,593,290)**

RAHMAN MOSTAFA ALAM AND CO.
Chartered Accountants

J.U. AHMED AND CO.
Chartered Accountants

IMCOME STATEMENT AND BALANCE SHEET RATIOS

Formula	June 30, 2016		June 30, 2015	
	Calculations	Result	Calculations	Result
Operating Income / Total operating revenue	(13,606,013,789.00) / 253,223,305,276.00	(5.37%)	(52,747,807,698) / 211,876,335,448	(24.90%)
Operating Income / Operating Average fixed Assets	(13,606,013,789.00) / 468,096,193,005.00	(2.91%)	(52,747,807,697) / 419,203,706,432	(12.58%)
Operating Expenses / Operating revenue	266,829,319,065.00 / 253,223,305,276.00	105.37%	264,624,143,146 / 211,876,335,448	124.90%
Total Current Assets / Total Current Liabilities	248,917,015,853.00 / 203,028,938,754.00	1.23:1	230,959,496,521 / 191,803,999,576	1.20:1
Total Current Assets - Inventory / Total Current Liabilities	248917015853-12663115493 / 203,028,938,754.00	1.16:1	217,557,986,130 / 191,803,999,576	1.13:1
Total Long Term Debt / Total Equity Capital	475,308,651,506.00 / (111,737,898,501.00)	(4.25):1	421,518,075,683 / (99,799,620,738)	(4.22):1

CONSOLIDATED SCHEDULE OF EXPENSES

Figures In Taka

Head of Accounts	Generation Expenses	Distribution Expenses	Gen. & Admn. Expenses	Total Expenses FY 2015-2016	Total Expenses FY 2014-2015
Fuel Consumption for Generation					
Natural Gas	9,271,115,635	-	-	9,271,115,635	8,382,211,456
Liquid fuel	19,177,191,094	-	-	19,177,191,094	23,231,702,965
Coal	5,755,758,085	-	-	5,755,758,085	4,254,826,887
Sub Total	**34,204,064,814**	-	-	**34,204,064,814**	**35,868,741,308**
Personnel Expenses	4,837,817,069	4,090,177,134	2,228,684,094	11,156,678,298	7,755,181,734
Office and Other Expenses	336,097,382	436,229,188	388,274,135	1,160,600,705	1,069,743,999
Repairs and Maintenance	2,685,390,487	1,189,162,267	376,035,525	4,250,588,278	4,274,308,955
Depreciation	10,096,205,543	3,078,171,072	216,019,875	13,390,396,489	11,792,472,471
Bad debts	-	169,675,899	-	169,675,899	124,806,078
Wheeling Charge	-	2,718,433,370	-	2,718,433,370	2,018,151,423
Sub Total	**17,955,510,481**	**11,681,848,930**	**3,209,013,629**	**32,846,373,040**	**27,034,664,660**
Electricity Purchase					
From IPP and SIPP.	75,651,799,556	-	-	75,651,799,556	61,313,273,341
From Rental Plant	64,520,102,192	-	-	64,520,102,192	87,747,847,923
From Public Plant	39,938,266,211	-	-	39,938,266,211	33,655,883,399
From India	19,668,713,252	-	-	19,668,713,252	19,003,732,517
Sub Total	**199,778,881,211**	-	-	**199,778,881,211**	**201,720,737,180**
Financing & other charges	1,806,166,726	603,732,395	-	2,409,899,121	2,465,393,273
Interest on Budgetary Support	9,946,497,822	-	-	9,946,497,822	7,806,621,978
Maint. and Dev. Expenses	12,704,966,351	-	-	12,704,966,351	10,343,470,000
Provision for Assets Ins.	12,000,000	3,000,000	-	15,000,000	15,000,000
Sub Total	**24,469,630,899**	**606,732,395**	-	**25,076,363,294**	**20,630,485,251**
Grand Total	**276,408,087,405**	**12,288,581,325**	**3,209,013,629**	**291,905,682,359**	**285,254,628,399**

DETAILS OF PERSONNEL EXPENSES

Figures In Taka

Head of Accounts	Generation	Distribution	General & Administrative	Total
Pay of Officers	360,848,308	290,532,932	326,355,214	977,736,454
Pay of Staff	757,808,422	992,705,298	365,620,347	2,116,134,067
Allowances of Officers	129,128,576	84,033,103	96,323,577	309,485,256
Allowances of Staff	329,899,644	423,162,440	140,200,668	893,262,752
Leave Encashment	5,159,594	16,883,627	6,882,310	28,925,531
Overtime Allowances (Single Rate)	74,638,694	99,062,087	34,749,814	208,450,595
Overtime Allowances (Double Rate)	419,295,881	412,014,690	94,183,184	925,493,756
House Rent Expenses	-	1,416,035	-	1,416,035
Medical Expenses	12,701,964	9,006,280	5,028,726	26,736,970
Bonus for Officers	54,602,751	48,884,132	52,814,357	156,301,240
Bonus for Stuff	129,928,656	172,108,705	64,504,426	366,541,787
Boishakhi Allowance for Officers	7,473,945	5,833,379	4,851,458	18,158,782
Boishakhi Allowance for Stuff	13,661,718	16,559,039	5,588,909	35,809,666
Employees Electricity Rebate	132,900,842	177,941,851	70,056,524	380,899,217
Workmen Compensation	-	647,842	-	647,842
Gratuity	-	-	-	-
Income Tax of Officers and Staff	(88,705)	-	1,380	(87,325)
Employees Other Benefit and Welfare Expenses	3,274,332	3,680,524	28,643,955	35,598,811
Reimbursement for Treatment of Accident (on duty) affected Employee	-	-	-	-
Board's Contribution to CPF	2,396,471	4,262,621	-	6,659,093
Board's Contribution to Pension Fund	2,155,951,247	962,547,713	509,522,348	3,628,021,308
Leave Encashment on Retirement	50,081,732	69,866,635	76,672,556	196,620,923
L. Salary and Pension Cont. for Trans. Govt. Employees	-	-	90,775,000	90,775,000
Honorarium	70,387,403	139,227,189	126,468,964	336,083,556
Honorarium	18,525,307	5,217,106	8,298,120	32,040,533
Wages for Hired Labour	109,079,455	153,241,808	31,500,225	293,821,488
Computerization of Commercial Operation	-	-	89,642,032	89,642,032
Service charge for collection of Electricity Bill by Mobile Phone Co.	31,880	1,153,814	-	1,185,694
Contract out- Commercial Operation activities	128,952	188,284	-	317,236
Interest on GPF/CPF	-	-	-	-
Total Personnel Expenses	**4,837,817,069**	**4,090,177,134**	**2,228,684,094**	**11,156,678,298**

DETAILS OF OFFICE AND OTHER EXPENSES

Figures In Taka

Head of Accounts	Generation	Distribution	General & Administrative	Total
Traveling Expenses/ Allowances(For Official)	64,545,032	105,151,743	69,266,575	238,963,349
Traveling Expenses (For Training)	13,642,591	5,142,052	16,606,989	35,391,632
Conveyance Charge	1,030,352	6,557,872	6,845,886	14,434,110
Washing Expenses	234,817	407,206	523,589	1,165,612
Representation and Entertainment	223,085	29,845	5,683,760	5,936,690
Stationary and Printing	10,269,178	48,745,999	42,573,336	101,588,513
Taxes,Licence and Fees	32,330,523	23,673,587	22,398,296	78,402,406
Office Rent	13,706,896	6,376,250	3,611,405	23,694,551
Water Charges	8,031,769	130,369	9,031,335	17,193,473
Electric Charges (Own use)	137,982,686	163,309,588	54,097,078	355,389,352
Electricity Rebate - Freedom fighters	2,715	3,822,426	959,107	4,784,248
Uniforms and Liveries	8,591,889	14,240,810	4,348,539	27,181,238
Post and Telegram	234,854	1,139,438	1,761,170	3,135,462
Telephone,Telex and Fax	3,360,041	13,341,811	11,017,376	27,719,228
Advertising and Promotion	30,838,697	30,412,349	82,575,194	143,826,240
Audit Fee	42,150	7,629,000	1,799,799	9,470,949
Legal Expenses (Lawyer's Fees and Court Fees)	157,824	2,521,209	10,096,356	12,775,389
Books and Periodicals	748,842	643,380	928,309	2,320,531
Donation and Contributions	2,702,215	896,814	1,775,400	5,374,429
Donation to sick Employees from Benevolent Fund	92,500	-	-	92,500
Training and Education	7,328,725	2,057,440	41,874,650	51,260,815
Training and Education- Foreign	-	-	-	-
Allocation of Gen. Admn. Exp.	-	-	-	-
Miscellaneous Expenses	-	-	499,987	499,987
Total Office and Other Expenses	**336,097,382**	**436,229,188**	**388,274,135**	**1,160,600,705**

DETAILS OF REPAIR AND MAINTENANCE EXPENSES

Figures In Taka

Head of Accounts	Generation	Distribution	General & Administrative	Total
Petrol/ Diesel and Lubricants Used for Transport	30,695,429	134,300,741	54,689,122	219,685,292
CNG Used for Vehicle	6,220,443	2,667,108	2,195,286	11,082,837
Petrol/ Diesel & Lubricants Used for Other Equipment	189,491,033	-	157,326	189,648,359
Store and Spares Used	213,887,648	105,276,565	12,389,846	331,554,059
Store and Spares Used-Foreign	-	-	-	-
Store and Spares Used-Received from other stores	-	-	376,224	376,224
Custom Duties and Sale Tax	337,470,144	43,319,220	-	380,789,364
Vat	76,741,324	23,640,859	-	100,382,183
Demurrage and Warfront	20,867,678	3,496,678	-	24,364,356
Hire of Equipment	-	-	-	-
Freight and Handling	3,905,109	92,767,933	3,222,547	99,895,589
Insurance (For Goods and Property)	-	-	322,497	322,497
Insurance (For Transportation Equipment)	2,399,391	2,345,594	2,873,952	7,618,937
Insurance For Vehicle and other	-	-	-	-
Bank Charge and Commission	12,140,528	233,896,369	27,245,959	273,282,856
Contractor's Fees	-	-	-	-
Contractor's Fees	-	-	15,214,435	15,214,435
Contractor's Fees	-	-	-	-
Consultants Expenses	1,189,932	23,281,314	21,655,524	46,126,770
Consultants Expenses	494,082,902	771,834	-	494,854,736
Land & Land Rights	-	-	-	-
Structure and Improvement	47,467,442	85,328,381	155,040,550	287,836,373
Boiler Plant equipment	35,038,834	2,899,511	-	37,938,345
Engine and Engine Driven Generators	14,362,478	-	-	14,362,478
Generator	50,006,446	719,926	-	50,726,372
Prime Movers	7,707,223	-	-	7,707,223
Accessory elect. equipment	2,402,258	3,028,046	3,460,782	8,891,086
Reservoir, Dams and Waterways	935,447	-	-	935,447
Water Wheels and Turbines	-	-	-	-
Roads, Rail Roads and Bridges	-	-	-	-
Fuel Holders, Producers and Accessories	-	-	-	-
Station Equipment	1,080,344,581	26,236,003	-	1,106,580,584
Towers and Fixtures	-	46,956	-	46,956
Poles and Fixtures	-	8,292,447	-	8,292,447
Overhead Conduct and Devices	4,233,439	286,982,858	1,199,970	292,416,267
Underground Conductors	-	1,190,578	-	1,190,578
Line Transformers	194,515	35,858,255	-	36,052,770
Transformer Manufacturing	-	-	-	-
Street Lighting and Single Systems	-	-	-	-
Metters	-	-	-	-
Transportation Equipment's	24,395,561	64,460,133	65,286,138	154,141,832
Heavy and Other Power Operated Equipment's	-	683,032	-	683,032
Office furniture and Equipment	1,028,454	4,499,552	7,383,391	12,911,397
Office furniture and Equipment (Computer, Monitor & Others)	9,550	33,635	49,075	92,260
Communication Equipments	299,500	-	-	299,500
Tools, Shop and Garage Equipments	-	1,966,306	1,811,141	3,777,447
Laboratory Equipment	-	-	-	-
Stores Equipment	27,873,200	1,172,433	1,461,760	30,507,393
Fire Fighting Equipment	-	-	-	-
Miscellaneous Equipment	-	-	-	-
Total Repair and Maintenance	**2,685,390,487**	**1,189,162,267**	**376,035,525**	**4,250,588,278**

COMPARISION OF ELECTRICITY PURCHASE FROM IPP AND SIPP WITH PREVIOUS YEAR

Particulars	Nature of Fuel	FY 2015-2016			FY 2014-2015		
		Unit kWh	Amount In Tk.	Cost/kWh	Unit kWh	Amount In Tk.	Cost/kWh
KPCL, Khulna	HFO	476,353,980	3,828,186,885	8.04	424,833,712	5,076,913,530	11.95
NEPC BD. (LTD), Haripur	HFO	328,507,500	5,165,339,464	15.72	396,871,900	6,608,743,909	16.65
Doreen Power Generation & System Ltd.-Feni	HFO	149,273,136	366,346,379	2.45	146,194,092	361,717,624	2.47
Doreen Power Generation & System Ltd.- Tangail	HFO	125,021,072	342,568,004	2.74	142,275,563	364,610,643	2.56
Summit Meghnaghat Power Ltd.	HFO	1,014,710,135	20,697,154,346	20.40	476,034,512	14,171,440,699	29.77
Raj Lanka Power Limited	HFO	185,796,182	3,066,232,123	16.50	184,783,603	3,191,322,041	17.27
Baraka Patenga Power Limited	HFO	288,125,856	1,982,292,880	6.88	231,613,488	2,942,197,616	12.70
Digital Power & Associates Ltd.	HFO	518,152,249	3,651,315,045	7.05	447,445,530	6,237,040,719	13.94
RPCL 52MW Gazipur	HFO	228,325,572	3,315,966,059	14.52	180,505,674	2,986,769,066	16.55
RPCL 52MW Rawjan	HFO	122,327,843	1,815,631,063	14.84	110,620,505	1,825,676,555	16.50
Lakdhanvi Bangla Power Ltd.	HFO	163,843,496	2,670,573,296	16.30	94,472,926	1,435,137,694	15.19
ECPV Power Ltd.	HFO	470,657,400	3,682,874,353	7.82	215,057,592	2,196,979,539	10.22
Sinha People Energy Ltd.	HFO	221,236,224	1,687,192,489	7.63	49,442,640	842,333,534	17.04
Summit Barishal Power Ltd.	HFO	219,845,664	1,206,467,781	5.49	-	-	-
Summit Narayangonj Power Unit II Ltd.	HFO	135,369,822	746,093,323	5.51	-	-	-
TOTAL IPP & SIPP (HFO)		**4,647,546,130**	**54,224,233,490**	**11.67**	**3,100,151,737**	**48,240,883,169**	**15.56**
WESTMONT BD. (LTD), Baghabari	GAS	-	-	-	-	-	-
RPC LTD. Mymensingh (210 MW)	GAS	1,397,661,224	3,107,826,981	2.22	1,400,092,728	3,469,129,714	2.48
AES, Haripur (PVT.) LTD.	GAS	2,580,082,000	3,801,229,479	1.47	2,655,429,000	3,812,643,859	1.44
AES Meghna Ghat BD. LTD.	GAS	1,743,792,414	3,859,971,825	2.21	505,999,990	1,155,163,808	2.28
Rejent Power Ltd.	GAS	166,230,288	387,065,992	2.33	163,802,400	383,093,451	2.34
Summit Purbachal Power Ltd.-Jangalia	GAS	223,534,713	715,260,175	3.20	250,690,164	702,870,595	2.80
Midland Power Company Ltd.	GAS	298,714,259	716,390,035	2.40	344,252,900	767,589,381	2.23
Regent Energy & Power Ltd.	GAS	704,418,408	1,440,078,724	2.04	605,126,833	1,405,778,840	2.32
United Power Generation & Distribution	GAS	163,798,560	471,410,950	2.88	216,657,600	608,509,171	2.81
United Ashugang Energy Ltd.	GAS	1,264,838,840	3,539,384,143	2.80	267,244,109	556,689,535	2.08
Summit Bibiyana II Power Company Ltd.	GAS	1,583,691,288	3,256,519,249	2.06	149,738,268	210,921,818	1.41
Doreen Southern Power Limited	GAS	25,807,397	132,428,513	5.13	-	-	-
Doreen Northern Power Limited	GAS	-	-	-	-	-	-
TOTAL IPP & SIPP (GAS)		**10,152,569,390**	**21,427,566,066**	**2.11**	**6,559,033,992**	**13,072,390,172**	**1.99**
TOTAL IPP & SIPP		**14,800,115,520**	**75,651,799,556**	**5.11**	**9,659,185,729**	**61,313,273,341**	**6.35**

COMPARISION OF ELECTRICITY PURCHASE FROM PUBLIC PLANTS WITH PREVIOUS YEAR

Particulars	Nature of Fuel	FY 2015-2016			FY 2014-2015		
		Unit kWh	Amount In Tk.	Cost/kWh	Unit kWh	Amount In Tk.	Cost/kWh
APSCL (Except New 570 MW)	GAS	3,584,318,354	5,914,580,355	1.65	3,489,877,473	5,855,650,653	1.68
APSCL (New 50 MW)	GAS	173,673,864	311,350,616	1.79	258,887,268	473,288,995	1.83
APSCL (225 MW)	GAS	718,888,133	2,405,908,486	3.35	-	-	-
APSCL (450 MW)	GAS	121,623,137	243,813,395	2.00	-	-	-
SBU HARIPUR	GAS	-	464,828,363	-	-	291,909,445	-
EGCB Ltd. (210X2) MW	GAS	749,421,984	2,062,343,838	2.75	1,050,958,200	2,540,433,172	2.42
EGCB Ltd. (412) MW	GAS	1,224,031,040	1,923,056,582	1.57	1,783,792,043	3,187,288,420	1.79
North West Power Gen (NWPGCL)- Sirajgonj	GAS	1,554,882,173	3,419,814,472	2.20	1,674,468,425	3,483,029,842	2.08
Total IPP & SIPP (GAS)		**8,126,838,685**	**16,745,696,107**	**2.06**	**8,257,983,409**	**15,831,600,528**	**1.92**
North West Power Gen (NWPGCL)- Khulna	HSD	536,903,687	14,998,481,892	27.94	635,420,813	17,551,437,228	27.62
BPDB RPCL Power Gen Ltd.	HSD	519,571,021	8,194,088,212	15.77	21,008,812	272,845,643	12.99
Total IPP & SIPP (HSD)		**1,056,474,708**	**23,192,570,104**	**21.95**	**656,429,625**	**17,824,282,871**	**27.15**
Balance as at June 30, 2016		**9,183,313,393**	**39,938,266,211**	**4.35**	**8,914,413,034**	**33,655,883,399**	**3.78**

COMPARISION OF ELECTRICITY PURCHASE FROM INDIA WITH PREVIOUS YEAR

Particulars	Capacity MW	FY 2015-2016			FY 2014-2015		
		Unit kWh	Amount in Tk.	Cost/kWh	Unit kWh	Amount in Tk.	Cost/kWh
NVVN Ltd. - India 250 MW	250	1,826,124,537	5,125,461,453	2.81	1,750,225,240	5,587,459,259	3.19
PTC India Ltd.	250	1,886,876,028	13,303,779,578	7.05	1,762,608,837	13,416,273,258	7.61
NVVN Ltd. - India 100 MW (Tripura)	100	190,772,347	1,239,472,221	6.50	-	-	-
Balance as at June 30, 2016		**3,903,772,912**	**19,668,713,252**	**5.04**	**3,512,834,077**	**19,003,732,517**	**5.41**

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

Particulars	Nature of Fuel	FY 2015-2016			FY 2014-2015		
		Unit Kwh	Amount in Tk.	Cost/kwh	Unit Kwh	Amount in Tk.	Cost/kwh
AGGREKO, INTERNATIONAL LTD.-GHORASAL (145 MW)	GAS	1,017,499,171	3,464,933,008	3.41	1,016,281,120	5,728,427,782	5.64
AGGREKO, INTERNATIONAL LTD.-B.BARIA (85 MW)	GAS	549,002,008	2,021,033,239	3.68	617,185,729	3,195,120,195	5.18
AGGREKO, INTERNATIONAL LTD.-ASHUGONJ (95 MW)	GAS	484,380,292	2,135,814,813	4.41	664,097,943	3,626,071,030	5.46
BARKATULLAH ELECTRO DYNAMICS LTD.	GAS	334,223,526	787,565,318	2.36	361,899,906	804,513,132	2.22
SHAHJIBAZAR POWER CO. LTD.	GAS	553,765,310	1,516,091,182	2.74	593,039,390	1,527,524,205	2.58
DESH CAMBRIDGE, KUMERGOAN	GAS	66,893,290	182,476,713	2.73	74,214,648	188,303,593	2.54
ENERGYPRIMA, KUMERGOAN	GAS	332,224,980	996,740,110	3.00	348,595,420	997,167,536	2.86
ENERGYPRIMA, SHAHJIBAZAR	GAS	305,464,426	971,137,623	3.18	316,635,912	972,148,311	3.07
ENERGYPRIMA, FENCHUGONJ	GAS	340,893,317	1,096,851,987	3.22	372,257,743	1,199,239,061	3.22
ENERGYPRIMA, BOGRA	GAS	96,829,956	292,014,035	3.02	118,883,700	346,197,535	2.91
VENTURE ENERGY, BHOLA	GAS	158,199,194	727,686,054	4.60	204,153,148	556,240,400	2.72
MAX POWER LTD.-GHORASAL	GAS	240,450,712	862,207,259	3.59	-	-	-
UNITED ASHUGONJ POWER LTD.	GAS	287,551,840	1,173,662,648	4.08	389,299,200	1,322,006,597	3.40
PRECISION ENERGY LTD.	GAS	315,805,272	1,038,079,832	3.29	373,964,644	1,087,821,963	2.91
GBB POWER LTD.	GAS	176,896,777	517,249,051	2.92	170,949,641	502,439,106	2.94
Total Rental & Quick Rental (GAS)		**5,260,080,071**	**17,783,542,872**	**3.38**	**5,621,458,144**	**22,053,220,448**	**3.92**
SUMMIT NARAYANGONJ POWER LTD.	HFO	577,185,288	4,804,214,418	8.32	579,819,840	7,205,723,089	12.43
KPCL -UNIT-2	HFO	596,663,616	4,880,030,545	8.18	567,316,032	7,485,288,767	13.19
KHANJAHAN ALI POWER LTD.	HFO	169,671,177	1,422,944,301	8.39	175,423,846	2,520,444,426	14.37
QUANTUM POWER NOWAPARA	HFO	-	-	-	-	-	-
IELCONSOURTIUM & ASSOCIATES	HFO	480,391,363	4,678,259,616	9.74	469,463,281	7,446,686,717	15.86
ENERGIS POWER CORPORATION LTD.	HFO	167,952,204	2,641,268,993	15.73	183,616,236	3,029,834,085	16.50
DUTCH BANGLA POWER & ASSOCIATES LTD.	HFO	487,015,604	4,378,078,221	8.99	487,340,168	7,585,272,195	15.56
ACRON INFRASTRUCTURE SERVICE LTD.	HFO	538,228,200	4,375,414,971	8.13	567,052,650	6,843,209,070	12.07
AMNURA(SINHA POWER GENERATION)	HFO	173,075,367	2,820,585,237	16.30	152,832,459	2,866,149,946	18.75
POWER PAC MUTIARA KERANIGONJ	HFO	358,399,464	4,387,394,606	12.24	461,740,896	6,902,085,437	14.95
NORTHERN POWER	HFO	151,309,891	2,626,732,660	17.36	154,956,327	2,855,848,255	18.43
Total Rental & Quick Rental (HFO)		**3,699,892,174**	**37,014,923,569**	**10.00**	**3,799,561,735**	**54,740,541,987**	**14.41**
AGGREKO, KHULNA(3 YEARS) LIQUID FUEL	HSD	-	-	-	-	-	-
AGGREKO, INTERNATIONAL LTD.-Khulna (55 MW)	HSD	70,871,680	1,936,227,182	27.32	79,917,900	2,144,726,874	26.84
DPA POWER GEN. INT. LTD.	HSD	92,649,570	2,499,608,947	26.98	115,679,043	2,934,498,240	25.37
QUANTUM POWER 100 MW BHERAMARA	HSD	-	-	-	-	-	-
DESH ENERGY100 MW SIDDIRGONJ	HSD	139,610,256	3,924,348,040	28.11	183,321,218	4,757,350,486	25.95
R Z POWER LTD.	HSD	62,782,822	1,361,451,582	21.69	45,735,132	1,117,509,888	24.43
Total Rental & Quick Rental (HSD)		**365,914,328**	**9,721,635,751**	**26.57**	**424,653,293**	**10,954,085,488**	**25.80**
TOTAL		**9,325,886,573**	**64,520,102,192**	**6.92**	**9,845,673,171**	**87,747,847,923**	**8.91**

GENERATION COST (BPDB'S OWN POWER PLANT) FOR THE YEAR 2015-2016

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	48%	962,202,121	-	-	21,108,729	0.02	1,044,192,406	1.09	1,065,301,135	1.11
	Total Water	**230**	**48%**	**962,202,121**	**-**	**-**	**21,108,729**	**0.02**	**1,044,192,406**	**1.09**	**1,065,301,135**	**1.11**
2	WIND BASE POWER STATION, KUTUBDIA	-	-	127,397	-	-	1,457,588	11.44	3,821,087	29.99	5,278,675	41.43
	Total Wind	**0**	**-**	**127,397**	**-**	**-**	**1,457,588**	**11.44**	**3,821,087**	**29.99**	**5,278,675**	**41.43**
3	BAGHABARI POWER STATION	171	77%	1,162,505,900	1,149,749,831	0.99	219,979,729	0.19	714,575,166	0.61	2,084,304,726	1.79
4	GHORASHAL POWER STATION	950	32%	2,710,120,991	2,627,602,705	0.97	205,769,326	0.08	4,094,538,426	1.51	6,927,910,457	2.56
5	CHITTAGONG POWER STATION, RAWZAN	420	28%	1,039,496,528	1,075,219,380	1.03	180,450,058	0.17	1,386,828,870	1.33	2,642,498,308	2.54
6	SHIKALBAHA POWER STATION	210	30%	553,627,917	558,155,530	1.01	148,831,919	0.27	666,864,196	1.20	1,373,851,445	2.48
7	KUMERGOAN GT POWER SYLHET	20	48%	83,530,750	102,271,780	1.22	2,606,615	0.03	52,095,214	0.62	156,973,609	1.88
8	SYLHET 150 MG PEAKING POWER PLANT	150	59%	778,904,006	798,166,880	1.02	13,754,447	0.02	795,924,123	1.02	1,607,845,450	2.06
9	FENCHUGANJ 2x 90 MW CCPP (1st & 2nd unit)	180	43%	684,763,700	712,201,350	1.04	101,202,757	0.15	654,728,405	0.96	1,468,132,512	2.14
10	SHAHJIBAZAR POWER STATION	117	35%	362,534,933	413,699,249	1.14	14,185,346	0.04	397,095,299	1.10	824,979,894	2.28
11	TONGI POWER STATION	109	18%	169,364,753	194,865,328	1.15	31,462,590	0.19	285,506,232	1.69	511,834,149	3.02
12	SIDDIRGONJ POWER STATION	210	33%	600,160,392	559,723,090	0.93	73,771,273	0.12	1,008,392,441	1.68	1,641,886,804	2.74
13	CHADPUR CC POWER PLANT	163	44%	633,049,069	552,407,298	0.87	49,419,265	0.08	841,427,174	1.33	1,443,253,737	2.28
14	Bhola 225 MW CCPP	194	57%	974,682,897	527,053,415	0.54	503,070	0.00	385,622,597	0.40	913,179,081	0.94
15	SBU Haripur	-	-	-	-	-	-	-	213,095,528	-	213,095,528	-
	Total Gas	**2894**	**38%**	**9,752,741,836**	**9,271,115,635**	**0.95**	**1,041,936,397**	**0.11**	**11,496,693,670**	**1.18**	**21,809,745,702**	**2.24**
16	BARAPUKURIA POWER STATION	250	39%	847,184,170	5,755,758,085	6.79	418,420,962	0.49	1,392,777,057	1.64	7,566,956,104	8.93
	Total Coal	**250**	**39%**	**847,184,170**	**5,755,758,085**	**6.79**	**418,420,962**	**0.49**	**1,392,777,057**	**1.64**	**7,566,956,104**	**8.93**
17	KHULNA POWER STATION	170	0%	(1,149,340)	-	-	10,754,777	(9.36)	284,708,746	(247.71)	295,463,523	(257.07)
18	BAGHABARI 50 PEAKING POWER PLANT	50	16%	71,142,235	999,786,001	14.05	114,163,125	1.60	434,769,312	6.11	1,548,718,438	21.77
19	BERA PEACKING POWER PLANT	71	16%	98,705,453	1,520,098,723	15.40	2,306,243	0.02	403,936,225	4.09	1,926,341,190	19.52
20	HATHAZARI PEACKING POWER PLANT	100	16%	138,939,207	1,880,984,276	13.54	44,555,852	0.32	751,128,234	5.41	2,676,668,362	19.27
21	DOHAZARI PEACKING POWER PLANT	100	20%	172,443,600	2,221,644,637	12.88	28,792,660	0.17	770,597,510	4.47	3,021,034,808	17.52
22	FARIDPUR PEACKING POWER PLANT	50	32%	139,522,560	1,964,083,872	14.08	127,319,132	0.91	480,452,754	3.44	2,571,855,758	18.43
23	GOPALGONJ PEAKING POWER PLANT	100	24%	214,184,051	2,980,119,868	13.91	364,888,393	1.70	679,983,230	3.17	4,024,991,491	18.79
24	DAUDKANDI PEACKING POWER PLANT	50	17%	73,632,800	1,096,832,457	14.90	26,754,201	0.36	507,838,932	6.90	1,631,425,590	22.16
25	SHANTAHAR 50MW POWER PLANT	50	20%	87,555,188	1,281,343,231	14.63	14,994,568	0.17	340,856,185	3.89	1,637,193,983	18.70
26	KATAKHALI 50MW POWER PLANT	50	21%	94,416,743	1,330,789,615	14.09	18,808,276	0.20	345,168,178	3.66	1,694,766,070	17.95
	Total (HFO)	**791**	**16%**	**1,089,392,497**	**15,275,682,680**	**14.02**	**753,337,226**	**0.69**	**4,999,439,306**	**4.59**	**21,028,459,212**	**19.30**
27	BHERAMARA POWER STATION	60	11%	57,547,719	1,701,860,562	29.57	39,395,855	0.68	176,790,907	3.07	1,918,047,323	33.33
28	BARISHAL GAS TURBINE POWER STATION	40	10%	35,300,003	1,232,756,584	34.92	5,537,393	0.16	76,503,373	2.17	1,314,797,350	37.25
29	BARISHAL DIESEL POWER STATION	-	-	(3,000)	-	-	190,123	-	35,514,970	-	35,705,093	-
30	BHOLA DIESEL POWER STATION	-	-	-	-	-	78,560	-	10,148,573	-	10,227,133	-
31	SAYEDPUR GAS TURBINE POWER STATION	20	6%	9,902,002	297,576,896	30.05	16,293,972	1.65	52,534,456	5.31	366,405,324	37.00
32	RANGPUR GAS TURBINE POWER STATION	20	11%	18,706,067	595,700,433	31.85	33,444,771	1.79	42,085,459	2.25	671,230,663	35.88
33	SAYEDPUR DIESEL GENERATOR	-	-	-	-	-	-	-	166,525	-	166,525	-
34	THAKURGOAN DIESEL GENERATOR	-	-	-	-	-	-	-	-	-	-	-
35	KUTUBDIA DIESEL GENERATOR	2	1%	173,959	4,091,104	23.52	245,311	1.41	6,601,827	37.95	10,938,242	62.88
36	SANDIP DIESEL GENERATOR	3	6%	1,415,517	30,584,846	21.61	332,853,276	235.15	6,727,377	4.75	370,165,499	261.51
37	HATIYA DIESEL GENERATOR	2	8%	1,570,531	38,100,172	24.26	20,100,353	12.80	10,593,273	6.75	68,793,798	43.80
38	Rangamati	-	-	16,000	-	-	-	-	-	-	-	-
39	DGD, Dhaka	-	-	-	837,818	-	989,971	-	16,820,746	-	18,648,535	-
	Total (Diesel)	**146**	**10%**	**124,628,798**	**3,901,508,414**	**31.31**	**449,129,584**	**3.60**	**434,487,486**	**3.49**	**4,785,125,484**	**38.40**
	Grand Total	**4311**	**34%**	**12,776,276,819**	**34,204,064,815**	**2.68**	**2,685,390,487**	**0.21**	**19,371,411,011**	**1.52**	**56,260,866,312**	**4.40**

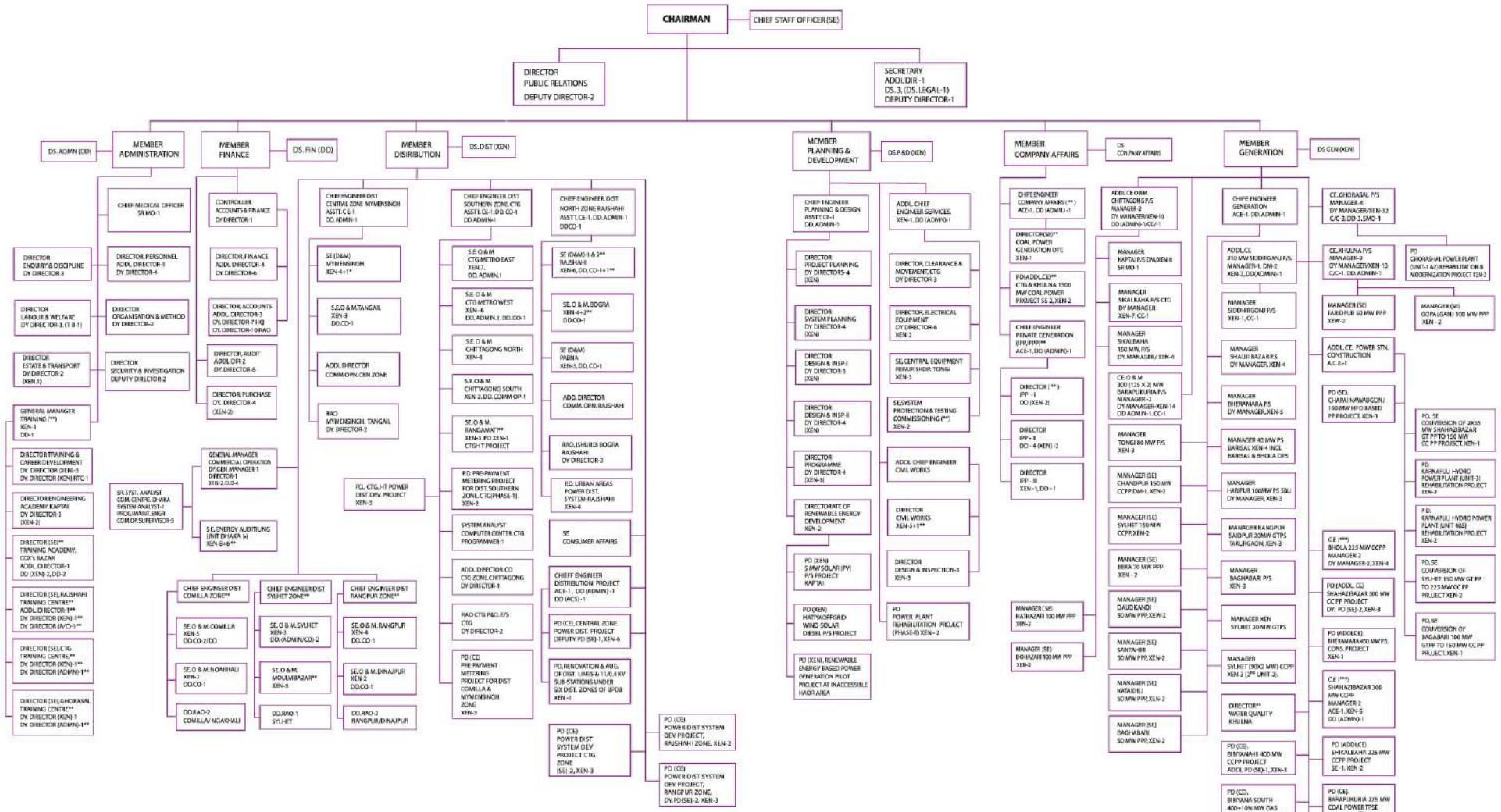
Social & cultural activities of BPDB

বাংলাদেশ
বিদ্যুৎ উন্নয়ন বোর্ড

ORGANISATION CHART OF BANGLADESH POWER DEVELOPMENT BOARD

(SHOWING POSITION DOWN TO XEN / DD AND EQUIVALENT)

As on June, 2016



SUMMARY (INCLUDING PROJECTS)

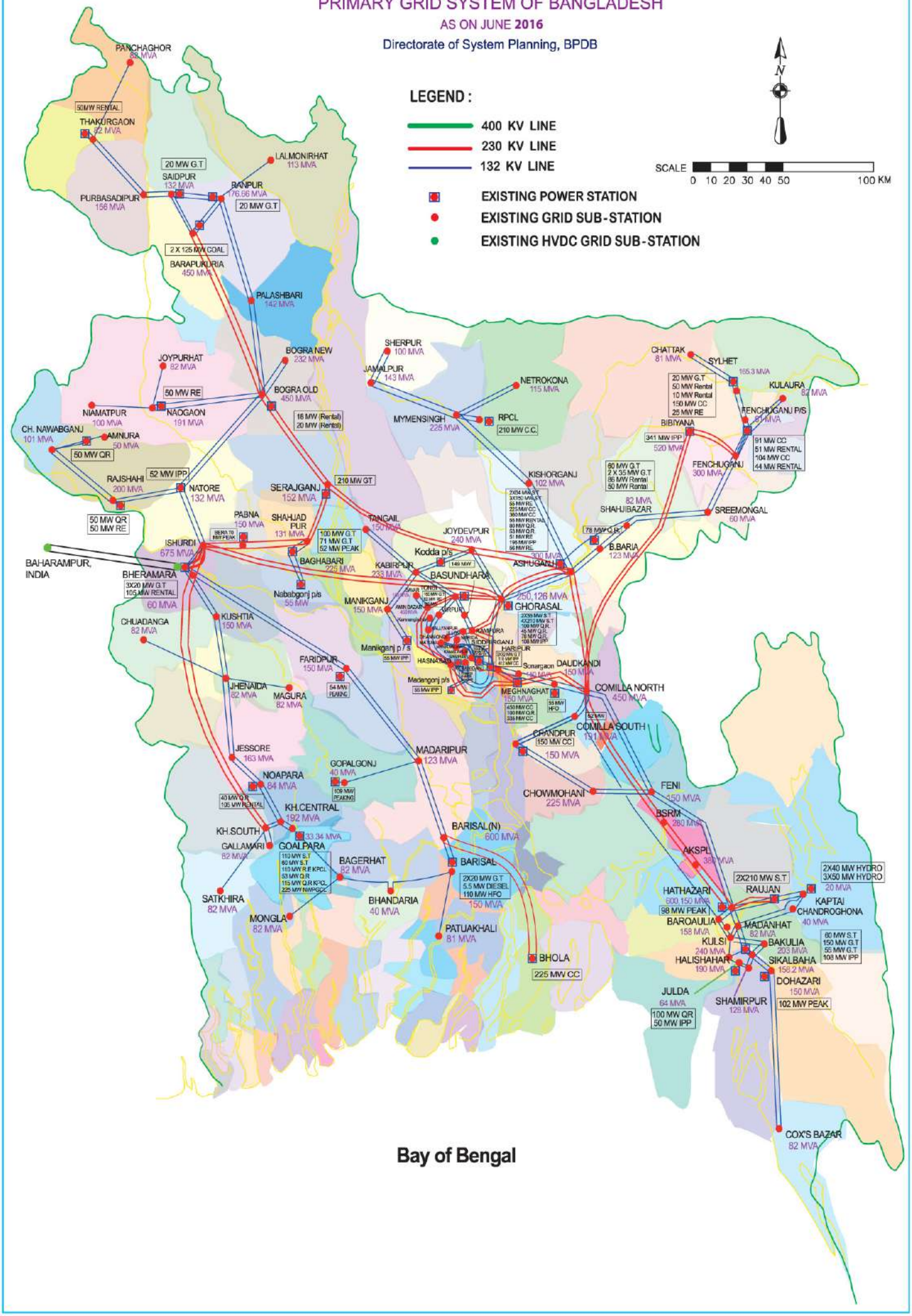
CHAIRMAN-1, MEMBER-6, CHIEF ENGINEER-18+6**, G.M/ADDL. CHIEF ENGINEER-9+1**
CONTROLLER-1, CMO-1, MANAGER/DIRECTOR (TECH)/SE/DGM-102+14**, SR.SYSTEM ANALYST-1,
SECRETARY/DIRECTOR (NON TECH)-13+1**, ADDL.DIRECTOR-14+2**,
XEN/DD/DS/DM-334+31** DD (NON TECH)-117+8**, SYSTEM ANALYST-2
PRO/M.E/COMPUTER OPERATION SUPERVISOR-6, CC-8, SMO-3

TOTAL SANCTIONED STRENGTH-22,292

(*) 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 INCLUDING IN THE SET-UP STRENGTH.


PRIMARY GRID SYSTEM OF BANGLADESH
AS ON JUNE 2016
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
PANCHAGHOR 88 MVA
50MW RENTAL
THAKURGAON 82 MVA
LALMONIRHAT 113 MVA
20 MW G.T
SAIDPUR 132 MVA
PURBASADIPUR 156 MVA
RANPUR 176.66 MVA
20 MW G.T
2 X 125 MW COAL
BARAPUKURIA 450 MVA
PALASHBARI 142 MVA
JOYPURHAT 82 MVA
BOGRA NEW 232 MVA
50 MW RE
BOGRA OLD 450 MVA
NIAMATPUR 100 MVA
NAOGAON 191 MVA
18 MW (Rental)
20 MW (Rental)
CH. NAWABGANJ 101 MVA
AMNURA 50 MVA
50 MW QR
RAJSHAHI 200 MVA
52 MW IPP
NATORE 132 MVA
50 MW QR
50 MW RE
SERAJGANJ 152 MVA
210 MW GT
PABNA 150 MVA
SHAHJAD PUR 131 MVA
BIBIYANA 75 MW PEAK
100 MW G.T
71 MW G.T
52 MW PEAK
TANGAIL 150 MVA
ISHURDI 675 MVA
BAHARAMPUR, INDIA
BHERAMARA
3X20 MW G.T
105 MW RENTAL
60 MVA
BAGHABARI 225 MVA
Nababgonj p/s
55 MW
KUSHTIA 150 MVA
CHUADANGA 82 MVA
JHENAIDA 82 MVA
MAGURA 82 MVA
FARIDPUR 150 MVA
54 MW PEAKING
JESSORE 163 MVA
NOAPARA 84 MVA
40 MW QR
105 MW RENTAL
KH.CENTRAL 192 MVA
KH.SOUTH 33.34 MVA
GALLAMARI 82 MVA
GOALPARA
110 MW S.T
60 MW S.T
110 MW R.E KPCL
53 MW Q.R
115 MW Q.R KPCL
225 MW NWPGCL
BAGERHAT 82 MVA
SATKHIRA 82 MVA
MONGLA 82 MVA
SHERPUR 100 MVA
JAMALPUR 143 MVA
MYMENSINGH 225 MVA
NETROKONA 115 MVA
RPCL
210 MW C.C.
KISHORGANJ 102 MVA
JOYDEVPUR 240 MVA
Kodda p/s
149 MW
KABIRPUR 233 MVA
BASUNDHARA
Manikganj p / s
55 MW IPP
MANIKGANJ 150 MVA
HASNABAD
Madangonj p/s
55 MW IPP
GHORASAL 250,126 MVA
AMNURA
SIDDHIRGANJ
HARIPUR
Sonargaon
DAUDKANDI 150 MVA
MEGHNAGHAT 150 MVA
55 MW HFO
COMILLA NORTH 450 MVA
COMILLA SOUTH 191 MVA
CHANDPUR
150 MW CC
150 MVA
MADARIPUR 123 MVA
GOPALGONJ 40 MVA
109 MW PEAKING
CHOWMOHANI 225 MVA
BARISAL(N) 600 MVA
BARISAL
2X20 MW G.T
5.5 MW DIESEL
110 MW HFO
150 MVA
BHANDARIA 40 MVA
PATUAKHALI 81 MVA
BHOLA
225 MW CC
FENI 150 MVA
BSRM 280 MW
AKSPL 380 MVA
2X210 MW S.T
HATHAZARI 600 150 MW
98 MW PEAK
RAOJAN
2X40 MW HYDRO
3X50 MW HYDRO
20 MVA
KAPTAI
CHANDROGHONA 40 MVA
BAROAULIA 158 MVA
MADANHAT 82 MVA
KULSI 240 MVA
BAKULIA 203 MVA
60 MW S.T
150 MW G.T
55 MW G.T
108 MW IPP
HALISHAHAR 190 MVA
SIKALBAHA 158.2 MVA
DOHAZARI 150 MVA
102 MW PEAK
JULDA 64 MVA
100 MW QR
50 MW IPP
SHAMIRPUR 128 MVA
COX'S BAZAR 82 MVA
CHATTAK 81 MVA
SYLHET 165.3 MVA
20 MW G.T
50 MW Rental
10 MW Rental
150 MW CC
25 MW RE
KULAURA 82 MVA
FENCHUGANJ P/S 81 MVA
91 MW CC
51 MW RENTAL
104 MW CC
44 MW RENTAL
341 MW IPP
520 MVA
FENCHUGANJ 300 MVA
60 MW G.T
2 X 35 MW G.T
86 MW Rental
50 MW Rental
82 MVA
SHAHJIBAZAR
SREEMONGAL 60 MVA
78 MW Q.R
B.BARIA 123 MVA
Bay of Bengal

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