

**Grant No. 53**  
**156 - Power Division**  
**Medium Term Expenditure**

(Taka in Thousands)

Description	Budget 2023-24	Projection	
		2024-25	2025-26
Operating Expenditure	50,06,00	52,56,00	55,19,00
Development Expenditure	33775,04,00	35463,79,00	37236,98,00
<b>Total</b>	<b>33825,10,00</b>	<b>35516,35,00</b>	<b>37292,17,00</b>
Recurrent	138,76,10	2140,98,36	1161,63,06
Capital	2555,42,14	33375,32,54	36130,50,19
Financial Asset	31130,91,76	4,10	3,75
Liability	0	0	0
<b>Total</b>	<b>33825,10,00</b>	<b>35516,35,00</b>	<b>37292,17,00</b>

**1.0 Mission Statement and Major Functions****1.1 Mission Statement**

Ensuring affordable quality and uninterrupted power supply for all by 2030 through integrated development of power generation, transmission and distribution sectors.

**1.2 Major Functions**

- 1.2.1 Power generation, transmission and distribution activities and their maintenance;
- 1.2.2 Improve the standard of living of the rural poor through rural electrification and renewable energy;
- 1.2.3 Expansion of renewable energy and ensuring efficient use of energy and energy saving initiatives;
- 1.2.4 Fixation/receipt of fees for functions related to power sector except for grant, revocation and court-accepted fees of licenses for electric undertakings not covered by Bangladesh Energy Commission Act, 2003;
- 1.2.5 Formulation, updating and implementation of laws and policies related to power sector;
- 1.2.6 Supervise and monitor revenue collections and commercial activities of power sector organizations/companies;
- 1.2.7 Any investigations and statistics on the activities related to the control of electric power supplied to the grid from any nuclear power plant and the matters entrusted to the department; and
- 1.2.8 Bilateral and multilateral agreements related to matters entrusted to the Power Division and cross-border trade and regional cooperation in the power sector including hydropower.

**1.0 Medium Term Strategic Objectives and Activities**

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
1. Integrated development of power distribution, generation and transmission to ensure quality and	<b>Power Distribution</b> <ul style="list-style-type: none"> <li>• Construction of new power distribution lines and renewal, expansion and maintenance of</li> </ul>	<ul style="list-style-type: none"> <li>• Bangladesh Power Development Board (BPDB)</li> <li>• Bangladesh Rural Electrification Board (BREB)</li> </ul>

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
uninterrupted power supply	existing lines; <ul style="list-style-type: none"> <li>• Construction of new sub-stations and operation and maintenance of existing sub-stations.</li> </ul>	<ul style="list-style-type: none"> <li>• Dhaka Electric Supply Company Ltd. (DESCO)</li> <li>• Dhaka Power Distribution Company Ltd. (DPDC)</li> <li>• West Zone Power Distribution Company Ltd. (WZPDCL)</li> <li>• Northern Electricity Supply Company Ltd. (NESCO)</li> </ul>
	<b>Power Generation</b> <ul style="list-style-type: none"> <li>• Construction of new power plants</li> <li>• Repair, maintenance and modernization of existing power plants</li> </ul>	<ul style="list-style-type: none"> <li>• Bangladesh Power Development Board (BPDB)</li> <li>• Bangladesh Rural Electrification Board (BREB)</li> <li>• Electricity Generation Company of Bangladesh Ltd (EGCB)</li> <li>• Ashuganj Power Station Company Ltd. (APSC)</li> <li>• North-West Power Generation Company Ltd. (NWPGL)</li> <li>• Rural Power Company Ltd. (RPCL)</li> <li>• Coal Power Generation Company Bangladesh Ltd. (CPGCL)</li> <li>• B-R Powergen Ltd.</li> </ul>
	<b>Power Transmission:</b> <ul style="list-style-type: none"> <li>• Construction of new transmission lines and upgrading, operation and maintenance of existing transmission lines;</li> <li>• Construction of new grid sub-stations and expansion of existing grid sub-stations</li> </ul>	<ul style="list-style-type: none"> <li>• Power Grid Company of Bangladesh Ltd. (PGCB)</li> </ul>
	<b>Power Distribution</b> <ul style="list-style-type: none"> <li>• Construction of new power distribution lines and reconstruction, expansion and maintenance of existing distribution lines</li> <li>• Construction of new sub-stations, operation and maintenance of existing sub-stations</li> </ul>	<ul style="list-style-type: none"> <li>• Bangladesh Power Development Board (BPDB)</li> <li>• Bangladesh Rural Electrification Board (BREB)</li> <li>• Dhaka Electric Supply Company Ltd. (DESCO)</li> <li>• Dhaka Power Distribution Company Ltd. (DPDC)</li> <li>• West Zone Power Distribution Company Ltd. (WZPDCL)</li> <li>• Northern Electric Supply Co. Ltd. (NESCO)</li> </ul>
2. Development of sustainable and renewable energy sector	<ul style="list-style-type: none"> <li>• Formulating Renewable Energy based power generation plans and supervision</li> </ul>	<ul style="list-style-type: none"> <li>• Sustainable and Renewable Energy Development Authority (SREDA)</li> <li>• Bangladesh Power Development Board (BPDB)</li> </ul>
	<ul style="list-style-type: none"> <li>• Implementation of Renewable Energy based power generation</li> </ul>	<ul style="list-style-type: none"> <li>• Bangladesh Rural Electrification Board (BREB)</li> </ul>

Medium-Term Strategic Objectives	Activities	Implementing Departments/Agencies
1	2	3
		<ul style="list-style-type: none"> <li>• Dhaka Electric Supply Company Ltd. (DESCO)</li> <li>• Dhaka Power Distribution Company Ltd. (DPDC)</li> <li>• West Zone Power Distribution Company Ltd. (WZPDCOL)</li> <li>• Rural Power Co. Lid (RPCL)</li> <li>• B-R Power gen Ltd.</li> </ul>
<p>3. Enhancing institutional capacity to ensure efficiency, transparency and accountability in the power sector</p>	<ul style="list-style-type: none"> <li>• Implementation of pre-payment and smart metering systems</li> <li>• Strengthening the recovery of arrears of electricity bills</li> </ul>	<ul style="list-style-type: none"> <li>• Bangladesh Power Development Board (BPDB)</li> <li>• Bangladesh Rural Electrification Board (BREB)</li> <li>• Dhaka Electric Supply Company Ltd. (DESCO)</li> <li>• Dhaka Power Distribution Company Ltd. (DPDC)</li> <li>• West Zone Power Distribution Company Ltd. (WZPDCOL)</li> <li>• Northern Electricity Supply Company Ltd. (NESCO)</li> <li>• Power Grid Company of Bangladesh Ltd. (PGCB)</li> </ul>
	<ul style="list-style-type: none"> <li>• Reduction of power distribution system losses</li> </ul>	<ul style="list-style-type: none"> <li>• Bangladesh Rural Electrification Board (BREB)</li> <li>• Dhaka Electric Supply Company Ltd. (DESCO)</li> <li>• Power Grid Company of Bangladesh Ltd. (PGCB)</li> <li>• West Zone Power Distribution Company Ltd. (WZPDCOL)</li> </ul>
	<ul style="list-style-type: none"> <li>• Conducting survey activities for the purpose of development and reform of power sector;</li> </ul>	<ul style="list-style-type: none"> <li>• Power Cell</li> </ul>
	<ul style="list-style-type: none"> <li>• Approval of electrical substations of high and medium voltage customers;</li> <li>• Renewal-issuance of Electrical Contractor License, Supervisor Certificate and Technical Permit.</li> </ul>	<ul style="list-style-type: none"> <li>• Office of the Electrical Advisor &amp; Chief Electric Inspector (EACEI)</li> </ul>

### **3.3 Poverty, Gender and Climate Change Related Information**

#### **3.1 Impact of Medium Term Strategic Objectives on Poverty Reduction, Women's Advancement and Climate Change**

##### **3.1.1 Integrated development of power distribution, generation and transmission to ensure quality and uninterrupted power supply**

**Impact on Poverty Reduction:** As a result of the development and modernization of power generation, transmission and distribution systems, activities to ensure quality and uninterrupted power supply will continue. This will accelerate industrial and commercial activities and create employment or income-generating opportunities for the poor, which will have a direct impact on poverty alleviation.

**Impact on Women's Advancement:** Due to quality and uninterrupted power supply, opportunities for women to participate in employment and income-generating activities will increase through the establishment of new industries, cottage industries and commercial institutions. Apart from this, various developmental, service and awareness activities are increasing along with the expansion of information technology. It is accelerating the socio-economic development of the country. The impact of which is perceptible in the development of women.

**Impact on Climate Change Adaptation and Mitigation:** There is no direct effect.

##### **3.1.2 Development of sustainable and renewable energy sector**

**Impact on Poverty Reduction:** The expansion of renewable energy technology is making it possible to reach remote and inaccessible areas of rural areas with electricity facilities. There is continuous expansion of small, cottage industry and service sector. The spread of energy efficient technologies will enable socio-economic development and economic self-reliance of underprivileged people in remote areas, which will have a direct impact on poverty alleviation.

**Impact on Women's Advancement:** The direct participation of rural women in the use of renewable energy technology and energy-saving appliances will create employment opportunities and efficient and environmentally friendly use of energy in household work will be ensured, which will help improve the quality of life of women. Direct participation of large number of women in solar home system energy efficient improved stove distribution program is expanding their employment and income avenues.

**Impact on Climate Change Adaptation and Mitigation:** As per the renewable energy policy 10% of the total electricity generation will be from renewable energy sources, it is already possible to generate about 950 MW of electricity from renewable energy sources. In addition, carbon emissions will be reduced through the use of energy efficient technologies, which will have a direct impact on climate adaptation and mitigation.

##### **3.1.3 Enhancing institutional capacity to ensure efficiency, transparency and accountability in the power sector**

**Impact on Poverty Reduction:** There is no direct effect.

**Impact on Women's Advancement:**

Online electricity bill payment, online new connection application, store management, ICT activities, implementation of pre-payment and smart metering activities, implementation of remote metering activities and increasing the efficiency of the electricity sector through database creation and storage will ensure efficient and cost-effective use of electricity. . As a result, women will be more interested in setting up new small and cottage industries with affordable electricity. Women will have access to employment and income which will have an impact on women's development.

**Impact on Climate Change Adaptation and Mitigation:** Implementation of Annual Performance Agreement (APA), introduction of pre-paid metering system, reduction of system losses along with digital technology is being used to increase efficiency and ensure transparency in the power sector. Various programs are being implemented to encourage and motivate people to ensure efficient and cost-effective use of electricity. If all these activities are implemented, overall electricity demand will be reduced and

energy will be saved in electricity generation. This will avoid liquid fuel based power generation during peak hours or evenings, which will play an important role in combating climate impacts.

### 3.2 Poverty Reduction, Women's Advancement and Climate Change Related Allocation

(Taka in Thousand)

Description	Budget 2023-24	Projection	
		2024-25	2025-26
Poverty Reduction	26608,47,54	26988,22,19	34422,04,89
Gender	16597,14,53	35741,45,70	37549,20,54
Climate Change	1859,55,00	2045,50,50	2250,05,55

#### 4.1 Priority Spending Areas/Programmes

Priority Spending Areas/Programmes	Related Strategic Objectives
<p><b>1. Construction of new transmission lines and the necessary refurbishment of existing transmission lines:</b> Construction of new transmission lines and maintenance and capacity augmentation of the existing national grid are crucial for smooth transmission of electricity generated from power plants across the country. At present the amount of power transmission lines is 14,531 circuit kilometers and the grid substation capacity is 58,076 MVA. By increasing the capacity of transmission lines and grid substations through the implementation of the projects undertaken and planned, it will be possible for the generated electricity to reach the distribution end uninterruptedly.</p>	<ul style="list-style-type: none"> <li>Integrated development of power distribution, generation and transmission to ensure quality and uninterrupted power supply</li> </ul>
<p><b>2. Construction of new distribution lines and renovation of existing lines:</b> At present, 100% people in the country are enjoying electricity facilities. Modernization of existing distribution lines, construction of new distribution lines and increasing the capacity of distribution systems are essential for quality and uninterrupted power supply to consumers. At present, the amount of electricity distribution lines is about 6 lakh 29 thousand km. By implementing the under-construction and planned distribution line extension projects, it will be possible to provide quality and uninterrupted power to consumers. It will increase agriculture, trade and industrial production and directly and indirectly accelerate the socio-economic development of the rural masses.</p>	<ul style="list-style-type: none"> <li>Integrated development of power distribution, generation and transmission to ensure quality and uninterrupted power supply</li> </ul>
<p><b>3. Installation of power generation plants, rehabilitation and maintenance of existing power plants:</b> By establishing new power plants based on gas, liquid fuel, renewable energy and nuclear, importing electricity from neighboring countries with sub-regional cooperation and increasing power generation through maintenance of old power plants, it will be possible to ensure uninterrupted power facilities according to demand.</p>	<ul style="list-style-type: none"> <li>Integrated development of power distribution, generation and transmission to ensure quality and uninterrupted power supply</li> </ul>
<p><b>4. Expansion of renewable energy technology and to initiate energy conservation measures:</b> As part of ensuring versatile use of energy in power generation, emphasis has been placed on renewable energy based power generation. This has made it possible to provide electricity to remote and rural areas (where grid expansion is expensive). As a result, socio-economic development of rural people and future energy security will be ensured. For this, this sector has been considered as a priority sector.</p>	<ul style="list-style-type: none"> <li>Development of sustainable and renewable energy sector</li> </ul>

Priority Spending Areas/Programmes	Related Strategic Objectives
<p><b>5. Reducing system losses and collection of outstanding bills by increasing efficiency and ensuring accountability:</b> Efficiency and pre-paid/smart pre-paid, use of modern equipment including net metering and implementation of APA in the power transmission and distribution system are ensuring transparency and accountability in increasing the quality of customer service by developing the power distribution system. System losses in the transmission and distribution system are steadily decreasing as a result of ensuring transparency and accountability through intensive monitoring.</p>	<ul style="list-style-type: none"> <li>Enhancing institutional capacity to ensure efficiency, transparency and accountability in the power sector</li> </ul>
<p><b>6. Load management activities:</b> The introduction of load management system is making it possible to ensure uninterrupted and proper quality power supply to irrigation pumps during the irrigation season. It is becoming possible to systematically ensure electricity supply for socio-economic development including increasing agricultural production. Also, electricity demand is being reduced by implementing energy conservation programs including the use of energy efficient appliances. This will ensure maximum utilization of limited resources.</p>	<ul style="list-style-type: none"> <li>Enhancing institutional capacity to ensure efficiency, transparency and accountability in the power sector</li> </ul>

#### 4.2 Medium Term Expenditure Estimates and Projection (2023-24 to 2025-26)

##### 4.2.1 Expenditure by Department/Agencies/Institutional Units

(Taka in Thousands)

Description	Budget	Revised	Budget	Projection	
	2022-23		2023-24	2024-25	2025-26
Secretariat, Power Division	24192,26,60	25306,26,60	33821,48,25	35512,45,00	37287,87,00
Power Advisor and Chief Electric Inspector	3,61,40	3,02,18	3,61,75	3,90,00	4,30,00
<b>Grand Total :</b>	<b>24195,88,00</b>	<b>25309,28,78</b>	<b>33825,10,00</b>	<b>35516,35,00</b>	<b>37292,17,00</b>

##### 4.2.2 Expenditure by Economic Group Wise

(Taka in Thousands)

Economic Group	Description	Budget	Revised	Budget	Projection	
		2022-23		2023-24	2024-25	2025-26
	<b>Recurrent Expenditure</b>					
3111	Wages and salaries in cash	12,25,96	12,44,15	11,82,58	12,15,88	12,22,06
3211	Administrative expenses	4,19,20	3,97,84	4,81,03	3,91,21	1,50,43
3221	Fees, charges and commissions	52,75	52,50	55,22	60,25	67,70
3231	Training	64,00	52,50	69,00	1,07,00	96,00
3243	Petrol, oil and lubricants	50,74	47,74	49,85	48,46	23,54
3244	Travel and Transfer	1,22,00	91,50	1,79,50	1,85,00	1,02,00
3255	Printing and stationery	50,45	47,10	80,35	79,11	74,00
3256	General supplies and materials	13,30	12,80	12,05	19,81	23,80
3257	Professional services, honorariums and special expenses	32,49,00	56,79,04	69,82,75	29,95,50	49,50
3258	Repairs and maintenance	2,45,50	2,51,34	2,96,55	1154,40,09	5,25,50
3631	Current grants	27,22,72	19,77,86	25,64,30	28,55,80	29,78,78
3632	Capital grants	8,56,28	16,33,72	2,58,00	3,10,20	2,60,22
3821	Current transfers not elsewhere classified	1,50	0	80	97	1,00
3823	Current transfers for projects	364,81,45	26,32,00	14,64,67	813,89,08	721,78,53
3911	Reserve	258,17,10	0	1,99,45	90,00,00	384,10,00
	<b>Total : - Recurrent Expenditure</b>	<b>713,71,95</b>	<b>141,20,09</b>	<b>138,76,10</b>	<b>2140,98,36</b>	<b>1161,63,06</b>



### 6.1.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23	2022-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Operating Activities</b>							
<b>General Activity</b>							
1560101 - Secretariat, Power Division		11,51,30	17,29,85	14,51,85	18,14,70	16,92,60	18,42,95
<b>Total : General Activity</b>		<b>11,51,30</b>	<b>17,29,85</b>	<b>14,51,85</b>	<b>18,14,70</b>	<b>16,92,60</b>	<b>18,42,95</b>
<b>Special Activity</b>							
120000801 - Loans to Government Employees		0	3,75	3,75	4,10	4,10	3,75
120000802 - Loan for Non Financial Organization		0	0	21,38,42	0	0	0
127021301 - International Renewable Energy Agency	3	0	3,00	3,00	3,15	3,30	3,30
<b>Total : Special Activity</b>		<b>0</b>	<b>6,75</b>	<b>21,45,17</b>	<b>7,25</b>	<b>7,40</b>	<b>7,05</b>
<b>Support Activity</b>							
131017800 - Bangladesh Energy and Power Research Council (BEPRC)	-	11,30,00	24,00,00	12,54,15	16,45,00	18,66,00	17,76,50
<b>Total : Support Activity</b>		<b>11,30,00</b>	<b>24,00,00</b>	<b>12,54,15</b>	<b>16,45,00</b>	<b>18,66,00</b>	<b>17,76,50</b>
<b>Total : Operating Activities</b>		<b>22,81,30</b>	<b>41,36,60</b>	<b>48,51,17</b>	<b>34,66,95</b>	<b>35,66,00</b>	<b>36,26,50</b>
<b>Development Activities</b>							
<b>Annual Development Program</b>							
221000156 - Reserve for unapproved project Power Division	-	0	258,03,00	0	2529,55,00	5379,60,00	20656,37,00
223015400 - Technical Assistance for Bangladesh Power Sector Development and Capacity Building(01/07/2017-31/12/2023)	1-4	20,06,85	25,20,00	46,23,00	47,75,00	0	0
223040400 - TA for Strengthening and Development of Sustainable Power Sector in Bangladesh	1-4	2,52,91	12,50,00	15,70,00	28,00,00	35,00,00	0
<b>Total : Annual Development Program</b>		<b>22,59,76</b>	<b>295,73,00</b>	<b>61,93,00</b>	<b>2605,30,00</b>	<b>5414,60,00</b>	<b>20656,37,00</b>
<b>Total : Development Activities</b>		<b>22,59,76</b>	<b>295,73,00</b>	<b>61,93,00</b>	<b>2605,30,00</b>	<b>5414,60,00</b>	<b>20656,37,00</b>
<b>Total :</b>		<b>45,41,06</b>	<b>337,09,60</b>	<b>110,44,17</b>	<b>2639,96,95</b>	<b>5450,26,00</b>	<b>20692,63,50</b>

### 6.2 Office of the Electrical Adviser and Chief Electrical Inspector (EACEI)

**6.2.1 Recent Achievements:** In the last 3 (three) years, 9,669 electrical installations have been approved by the Office of the Chief Electricity Inspector and 27,074 licenses to electricians, 5,615 electrical supervisor licenses to engineers and 2,515 electrical contracting licenses to contractors have been issued by the Electricity Licensing Board. A revenue of Rs.34,28,19,000/- (Thirty Four Crore Eight Hundred Nineteen Thousand) has been collected by completing sub-centre approval, license issue and renewal activities. As a result of digitalization of all the services of the Chief Electricity Inspector's office, it has become possible to do the online application and renewal of licenses including electrical substations, substation equipment manufacturing companies, oil testing and internal wiring diagram approval; so people in the remote areas of the country are getting services from their home.

#### 6.2.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2022-23	2023-24	2024-25	2025-26	
1	2	3	4	5	6	7	8	9	10	11
1. Approval of electrical substations of high and medium voltage customers;	Approved Sub-station	3	Customes/ Population	3000	3165	3050	3075	3100	3150	3200
2. Issuance of licenses, supervisory certificates and technical permits to electrical contractors	Issued licenses	3	People/ Thousand)	12000	13369	12500	13000	13000	13500	14000
3. Renewal of Contractor License of Electrical Contractors Supervisor Certificate of Engineers and Technical Permit of Electricians	Renewal License	3	People/ Thousand	20000	23653	20500	20900	21000	21500	22000



### 6.2.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Operating Activities</b>							
<b>General Activity</b>							
1560201 - Power Advisor and Chief Electric Inspector	1-3	2,13,41	3,61,40	3,02,18	3,61,75	3,90,00	4,30,00
<b>Total : General Activity</b>		<b>2,13,41</b>	<b>3,61,40</b>	<b>3,02,18</b>	<b>3,61,75</b>	<b>3,90,00</b>	<b>4,30,00</b>
<b>Total : Operating Activities</b>		<b>2,13,41</b>	<b>3,61,40</b>	<b>3,02,18</b>	<b>3,61,75</b>	<b>3,90,00</b>	<b>4,30,00</b>
<b>Total :</b>		<b>2,13,41</b>	<b>3,61,40</b>	<b>3,02,18</b>	<b>3,61,75</b>	<b>3,90,00</b>	<b>4,30,00</b>

### 6.3 Bangladesh Power Development Board (BPDB)

**6.3.1 Recent Achievements:** The grid-based installed generation capacity was 20,383 MW in FY 2019-20, 22,031 MW in FY 2020-21 and 22,482 MW in FY 2021-22. Net power generation was 71,419 million kWh in FY 2019-20, 80,423 million kWh in FY 2020-2021 and 85,607 million kWh in FY 2021-22.

#### 6.3.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power plants	Generated additional power	1	MW (thousand)	0.665	0.385	3.188	2.374	3.915	0.061	0.99
2. Repair, maintenance and modernization of existing power plants	Repaired and maintained power plants	1	Number	2	3	2	2	2	2	2
3. Construction of power distribution lines and reconstruction, expansion and maintenance of existing distribution lines	Constructed and extended new distribution lines	1	KM (thousand)	5.885	3.046	5.112	1.40	1.50	1.50	1.00
4. Construction of new sub-stations, operation and maintenance of existing sub-stations	Constructed 33/11 KV Sub-station	1	Number	18	20	44	8	9	10	9
	Constructed 11/0.4 KV Sub-station			3535	1962	2402	2500	2500	300	0
5. Implementation of Renewable Energy based power generation	Produced electricity based on renewable energy	2	MW peak	3.00	0.00	151.10	0.00	7.60	0.00	0.00
6. Implementation of pre-payment and smart metering system	Number of meters	3	Number (thousand)	100	204.79	100	100	200.00	200.00	200.00
7. Strengthening the recovery of arrears of electricity bills	Reduced arrears	3	Months equivalent	2.5	1.99	2.50	2.22	2.20	2.00	2.00

### 6.3.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Development Activities</b>							
<b>Annual Development Program</b>							
224097000 - Power Distribution System Development Project, Sylhet Division (01/04/2016 - 30/06/2024)	3	220,15,41	240,00,00	170,00,00	205,00,00	220,00,00	0
224097002 - Power Distribution System Development Project, Cumilla Zone (01/01/2018-30/06/2025)	3	151,00,00	280,00,00	240,00,00	205,00,00	220,00,00	0

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
224098400 - Construction of Khulna 330 MW Dual-Fuel Combined Cycle Power Plant. (01/01/2017 - 30/06/2023)	1	52,00,00	130,00,00	8,00,00	45,00,00	125,00,00	0
224099500 - Power system Development Project Rangpur zone (01/07/2015 - 30/06/2023) Approved	3	77,01,76	130,00,00	130,00,00	0	0	0
224099700 - Re-powering Project of Ghorasal 4th Unit (01/07/2016-30/06/2022)	2	11,71,34	220,00,00	251,50,00	170,00,00	0	0
224101500 - Pre-payment Metering for Distribution Cumilla and Mymensing (01/07/2013 - 31/12/2024)	6	0	2,00,00	2,05,00	36,21,00	0	0
224102800 - Ghorashal-3 Repairing Project (01/01/2015-31/12/2023)	2	0	36,00,00	0	36,78,00	0	0
224114900 - Power Distribution System Development Project, Mymensingh Zone (01/01/2018-30/06/2024)	3	192,62,34	230,00,00	263,87,00	240,00,00	220,00,00	0
224265700 - Power Distribution System Development chattogram Zone (2nd Phase)(01/07/2018 -30/06/2025)	3	200,00,00	358,00,00	105,00,00	205,00,00	270,85,00	666,00,00
224277700 - Construction of Saidpur 150 MW ±10% Simple Cycle (HSD based) Power Plant Project (01/01/2019 - 30/06/2023)	1	9,25,00	80,00,00	11,00,00	80,00,00	50,00,00	0
224333600 - Hundred Percent Reliable and Sustainable Electrification of Hatiya Island, Nijhum Island & Kutubdia Island	3	0	159,00,00	110,71,00	45,00,00	180,00,00	0
224364400 - Smart Pre-Payment Metering Project in Distribution Zones of BPDB (০১/০১/২০২২ - ৩১/০৬/২০২৫)	6	0	0	44,41,00	354,63,00	214,15,00	0
<b>Total : Annual Development Program</b>		<b>913,75,85</b>	<b>1865,00,00</b>	<b>1336,54,00</b>	<b>1622,62,00</b>	<b>1500,00,00</b>	<b>666,00,00</b>
<b>Total : Development Activities</b>		<b>913,75,85</b>	<b>1865,00,00</b>	<b>1336,54,00</b>	<b>1622,62,00</b>	<b>1500,00,00</b>	<b>666,00,00</b>
<b>Total :</b>		<b>913,75,85</b>	<b>1865,00,00</b>	<b>1336,54,00</b>	<b>1622,62,00</b>	<b>1500,00,00</b>	<b>666,00,00</b>

#### 6.4 Bangladesh Rural Electrification Board (BREB)

**6.4.1 Recent Achievements:** At present REB has 3 crore 41 lakh customers, and 5 lakh 77 thousand kilometers of lines have been built, the capacity of substations has increased to 17,460 MVA, system losses have decreased to 9.01% and 100% electrification of 462 Upazila till December 2022 is done In addition, REB received the accolade from the largest taxpayer unit, the National Board of Revenue, as the highest VAT paying company in the financial year 2020-21. Achieved "First Place" in "Local Authorities" category as highest income tax payer at organization level in FY 2020-21. REB was awarded the first prize in "Innovation Showcasing" in 2019.

#### 6.4.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22		2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power distribution lines and renewal, expansion and maintenance of existing lines;	Extended distribution lines	1	KM	10000	12091	5000	8000	10000	12000	14000
2. Construction of new sub-stations and operation and maintenance of existing sub-stations.	Constructed sub-station	1	MVA	2050	2165 MVA	1000	10	15	20	20
3. Implementation of prepayment and smart metering system	Number of smart meters	3	Number, Thousand	200	200	1000	2000	2000	2500	2500
4. Strengthening the recovery of arrears of electricity bills	Reduced arrears	3	Months equivalent	1.20	1.00	1.25	1.15	1.15	1.10	1.10
5. Reduction of power distribution system losses	Reducing system losses	3	%	9.65	9.01	9.50	9.65	9.50	9.40	9.30

#### 6.4.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224120700 - *Distribution Network Expansion for 100% Rural Electrification (Dhaka, Mymensingh, Chattogram and Sylhet Division) (01/01/2017-31/12/2022)	1	969,99,99	1,00	172,31,00	0	0	0
224120800 - Distribution Network Expansion for 100% Rural Electrification (Rajshahi, Rangpur, Khulna and Barishal Division)(01/01/2017-31/012/2022)	1	1236,00,00	0	160,91,00	0	0	0
224244900 - *Solar Photo voltaic Pumping for Agricultural Irrigation(01/07/2018-31/12/2022)	3	9,44,58	269,64,00	119,13,00	183,77,00	165,02,00	0
224337100 - Modernization and Capacity Enhancement of BREB Network (Khulna Division)	1,2	0	621,99,00	103,92,00	800,00,00	895,00,00	0
224365100 - Modernization and Capacity Enhancement of BREB Network (Dhaka-Mymensingh Division)	1,2	0	0	138,00,00	2205,76,00	1300,00,00	1429,46,00
224365200 - Renovation and Modernization of Existing 33/11 kV Wooden Pole Mounted Substations in BREB (Phase-I)	2	0	0	1,39,00	82,78,00	105,00,00	380,00,00
<b>Total : Annual Development Program</b>		<b>2215,44,57</b>	<b>891,64,00</b>	<b>695,66,00</b>	<b>3272,31,00</b>	<b>2465,02,00</b>	<b>1809,46,00</b>
<b>Total : Development Activities</b>		<b>2215,44,57</b>	<b>891,64,00</b>	<b>695,66,00</b>	<b>3272,31,00</b>	<b>2465,02,00</b>	<b>1809,46,00</b>
<b>Total :</b>		<b>2215,44,57</b>	<b>891,64,00</b>	<b>695,66,00</b>	<b>3272,31,00</b>	<b>2465,02,00</b>	<b>1809,46,00</b>

## 6.5 Power Grid Company of Bangladesh (PGCB)

**6.5.1 Recent Achievements:** As a result of the completion of several important projects in recent years, 796 circuit km have been added to the national grid system in the last three years. Out of which 400 KV, 611 circuit km. 230 KV, 793 circuit km. 543 circuit km 132 KV transmission lines have been re-conducted and construction of some existing substations including one 400/230 KV grid substation, two 400/132 KV grid substations, three 230/132 KV, one 230/33 KV substation and twenty five 132/33 KV grid substations have been upgraded and empowered. As a result, in the last three years, a total of 13,721 MVA capacity has been added to the national grid system and 2,200 circuit kilometers of transmission lines have been added.

### 6.5.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new transmission lines and upgrading, operation and maintenance of existing transmission lines;	Constructed transmission line	1	Circuit KM (thousand)	1.00	1.004	0.700	0.700	0.800	0.900	0.800
2. Construction of new grid substations and expansion of existing grid sub-stations	Constructed new grid substation	1	MVA	4000	4558	10	10	12	14	16
3. Reduction of power distribution system losses	Reducing Transmission Loss	3	%	3.10	2.89	3.20	3.15	3.15	3.15	3.15
4. Strengthening the recovery of arrears of electricity bills	Reduced Account Receivable	3	Months equivalent	<4.00	2.22	This activity has been removed from the 2022-23 APA				

### 6.5.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
223039500 - Integrated Capacity Development Project in the Power Transmission System of Bangladesh	1-4	0	3,00,00	1,50,00	2,70,00	0	0
223042500 - Technical Assistance Project with Feasibility Study for Madunaghat-Bhulta 765kV Transmission Line Project	1	0	3,00,00	0	2,10,00	7,44,00	9,36,00
224097500 - Energy Efficiency in Grid Based Power Supply Project (01/01/2017 - 31/12/2024)	1-4	111,70,27	575,19,00	537,69,00	480,00,00	455,75,00	0
224097600 - Dhaka-Chatto gram Main Power Grid Strengthening Project (01/07/2016 - 30/06/2023)	1-4	803,46,01	817,57,00	420,57,00	305,32,00	170,00,00	0
224098300 - Power Grid Network Strengthening Project under PGCB (01/10/2016 - 30/06/2021)	1	1685,48,72	1616,00,00	1238,00,00	2264,05,00	2500,00,00	3300,00,00
224099800 - Aminbazar, Mawa & Mongla 400 KV Conduction Line (01/07/2016-30/06/2023)	1	614,54,74	16,00,00	15,95,00	0	0	0
224100700 - 400/230/132 kV Network Development Project (01/07/2013 - 31/12/2024)	1-4	287,41,89	200,00,00	360,00,00	215,00,00	120,00,00	0
224126900 - Construction of Patuakhali (Payra) Gopalganj 400 KV Transmission Line & Gopalganj 400 KV Grid Substation(01/01/2017-30/06/2023)	1,2	183,98,00	12,00,00	185,19,00	0	0	0
224134400 - Bangladesh Power System Reliability and Efficiency Improvement Project.	3,4	2,22,00	10,00,00	7,00,00	100,00,00	144,00,00	0
224231100 - Enhancement and Strengthening of Power Network in Eastern Region	1,2	505,26,13	830,00,00	850,00,00	1300,00,00	400,00,00	1550,00,00
224247900 - Replacement of Ashuganj Old 132 kV AIS Substation by New 132 kV GIS Substation Project (01/04/2018-31/12/2024)	2	2,75,00	150,00,00	144,50,00	40,00,00	10,00,00	0
224248000 - Infrastructure Development for Power Evacuation Facilities of Rooppur Nuclear Power Plant	1	657,42,88	1350,00,00	2100,00,00	730,00,00	720,00,00	0
224248200 - Southwest Transmission Grid Expansion Project	1,2	701,18,76	585,00,00	504,00,00	285,00,00	190,00,00	120,00,00
224299700 - Expansion and Strengthening of Power System Network under Chattogram Area (	1-2	0	79,70,00	87,00,00	790,00,00	450,00,00	0
224299800 - Barapukuria-Bogura-Kaliakoir 400 kV Line Project	1	0	715,17,00	1285,17,00	1542,06,00	1782,81,00	1918,00,00
224300100 - Dhaka and Western Zone Transmission Grid Expansion Project	1,2	13,09,98	380,00,00	495,00,00	900,00,00	1000,00,00	0
224345200 - Capacity Enhancement of Existing Grid Substations and Transmission Lines	1-4	0	51,04,00	25,52,00	150,00,00	200,00,00	150,00,00
<b>Total : Annual Development Program</b>		<b>5568,54,38</b>	<b>7393,67,00</b>	<b>8257,09,00</b>	<b>9106,23,00</b>	<b>8150,00,00</b>	<b>7047,36,00</b>
<b>Total : Development Activities</b>		<b>5568,54,38</b>	<b>7393,67,00</b>	<b>8257,09,00</b>	<b>9106,23,00</b>	<b>8150,00,00</b>	<b>7047,36,00</b>
<b>Total :</b>		<b>5568,54,38</b>	<b>7393,67,00</b>	<b>8257,09,00</b>	<b>9106,23,00</b>	<b>8150,00,00</b>	<b>7047,36,00</b>

### 6.6 Dhaka Power Distribution Company (DPDC) Ltd.

**6.6.1 Recent Achievements:** Under DPDC, around 6.57 lakh pre-payment meters have been installed in customer premises till December 2022. In the financial year 2021-22, DPDC's system has increased its capacity by 930 MVA and a total of 90.08 km. Construction/upgradation of distribution lines. Also, with the aim of increasing the quality of customer service, introduction of GIS based distribution network, implementation of smart grid system on piloting basis, power factor improvement, 11 KV feeder automation, introduction of AMI system with Disaster Recovery (DR), introduction of pre-paid meter recharge program using block chain technology, DPDC has started setting up its own data center, launching APP management, ERP implementation, smart surveillance and thermal profiling of 132/33 KV and 33/11 KV substations. In FY 2021-22, 1,06,855 new residential customer connections were provided in DPDC area. System loss has reduced to 6.06% (Import Level) in 2021-22 financial year with improvement in customer service standards.

### 6.6.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power distribution lines and renewal, expansion and maintenance of existing lines;	Constructed, repaired and maintained distribution lines	1	KM	70	90.08	72	75	100	150	100
2. Construction of new sub-stations, operation and maintenance of existing sub-stations	Constructed of sub-station	1	Number	2	930	6	2	3	4	10
3. Implementation of Renewable Energy based power generation	Installed of Solar Panel	2	Number	50	51	50	25	30	35	30
4. Implementation of prepayment and smart metering program	Installed of pre-payment and smart meters	3	Number	70000	71600	80000	75000	250000	250000	177750
5. Strengthen recovery of arrears	Reduced amount of arrears	3	Months	1.85	1.48	1.85	1.78	1.75	1.70	1.68
6. Distribution System Loss	Cumulative reduction			&	7.05	7.05	7.0	7.0	7.0	7.0

### 6.6.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23	2023-24	2024-25	2025-26	
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224097800 - Expansion and Strengthening of Power System Network under DPDC Area (01/07/2016-30/06/2024) Approved	1-5	544,70,80	3058,81,00	2777,90,00	3270,60,00	4120,00,00	1324,20,00
224103600 - Prepayment Metering Project for 6 Division under DPDC (01/07/2013 - 30/06/2024)	4	0	1,00	9,05,00	50,00,00	0	0
224249800 - Dhaka Underground Substation Construction Project at Kawranbazar under DPDC	2	38,01,36	64,03,00	5,40,00	70,00,00	58,00,00	81,80,00
224265400 - Power Distribution System Development Project under DPDC area. (01/01/2019-30/06/2024)	1	263,81,00	514,55,00	473,45,00	548,00,00	95,84,00	0
224265600 - Installation of Eight Lakh and Fifty Thousand Smart Pre-payment Meters under DPDC Area.	4	84,00,95	139,60,00	274,20,00	115,00,00	93,59,00	0
224333000 - Construction and Augmentation of Substation, Installation of Capacitor Bank and Introduction of Smart Grid in Power System under DPDC Area.	2	1,27,00	186,24,00	82,77,00	407,00,00	632,57,00	0
<b>Total : Annual Development Program</b>		<b>931,81,11</b>	<b>3963,24,00</b>	<b>3622,77,00</b>	<b>4460,60,00</b>	<b>5000,00,00</b>	<b>1406,00,00</b>
<b>Total : Development Activities</b>		<b>931,81,11</b>	<b>3963,24,00</b>	<b>3622,77,00</b>	<b>4460,60,00</b>	<b>5000,00,00</b>	<b>1406,00,00</b>
<b>Total :</b>		<b>931,81,11</b>	<b>3963,24,00</b>	<b>3622,77,00</b>	<b>4460,60,00</b>	<b>5000,00,00</b>	<b>1406,00,00</b>

## 6.7 Dhaka Electric Supply Company (DESCO) Ltd.

**6.7.1 Recent Achievement:** DESCO integrated its grid and sub-stations into the SCADA system in June 2022, resulting in efficient load management through the round-the-clock monitoring and control of 69 distribution substations under DESCO from two newly constructed control centers and automatic collection of feeder load values, time-wise load variations have become possible. Around 52.52, 102.811 and 83.539 km of 33 KV overhead lines, and 125.794, 80.632 and 42.461 circuit km of 11 KV underground lines have been constructed in FY 2019-20, 2020-21 and 2021-22 respectively. DESCO won 1st place in Electricity Distribution Company category for the implementation of Annual Performance Agreement in FY 2019-20, Best Corporate Award-2019 in ICMAB Silver Category, recognition of Best Tax Paying Company for FY 2020-21, 1st place in 4th National Development Fair 2020, 3rd place in Innovation Showcase 2019 competition. As of June 2022, the number of customers is 11,57,490, system loss is 5.62% and electricity bill collection rate is 100.88%.

### 6.7.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power distribution lines and reconstruction, expansion and maintenance of existing distribution lines	Constructed, reconstructed and maintained distribution lines	1	KM	80	126	100	180	100	100	150
2. Construction of new sub-stations, operation and maintenance of existing sub-stations	Constructed new sub-stations	1	MVA	0	0	0	0	0	70	525
3. Implementation of technologies for power generation from renewable sources	Installed Solar Panel	2	MW (peak)	3.50	6.95	2.50	2.5	2.5	2.5	2.5
4. Implementation of pre-payment and smart metering systems	Installed pre-payment, remote meters	3	Number (thousand)	100	11564	200	100	205	210	100
5. Strengthening the recovery of arrears of electricity bills	Reduced arrears	3	Months equivalent	1.8	1.5	1.6	1.7	1.5	1.45	1.45

### 6.7.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23	2023-24	2024-25	2025-26	
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224249900 - Construction of 132/33/11 KV Underground Grid Substation at Gulshan in Dhaka	2	23,54,23	83,00,00	6,50,00	83,00,00	350,00,00	150,00,00
224265500 - Supply and Installation of Smart Pre-Payment Meter in DESCO Area	4	0	50,00,00	0	176,00,00	0	0
224370900 - Dhaka Power System Expansion and Strengthening Project in DESCO Area.	1	0	0	0	334,24,00	350,00,00	475,00,00
<b>Total : Annual Development Program</b>		<b>23,54,23</b>	<b>133,00,00</b>	<b>6,50,00</b>	<b>593,24,00</b>	<b>700,00,00</b>	<b>625,00,00</b>
<b>Total : Development Activities</b>		<b>23,54,23</b>	<b>133,00,00</b>	<b>6,50,00</b>	<b>593,24,00</b>	<b>700,00,00</b>	<b>625,00,00</b>
<b>Total :</b>		<b>23,54,23</b>	<b>133,00,00</b>	<b>6,50,00</b>	<b>593,24,00</b>	<b>700,00,00</b>	<b>625,00,00</b>

### 6.8 Electricity Generation Company of Bangladesh (EGCB) Ltd.

**6.8.1 Recent Achievements:** Capacity of Sonagazi 50 MW solar power plant with World Bank loan has been increased from 25 MW to 75 MW and accordingly the project activities are ongoing.

#### 6.8.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power plants	Generated additional electricity from new power plants	1	MW	0	0	50	75	0	275	100

### 6.8.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224294800 - Sonagazi 50 MW Solar Power Plant Construction Project (01/07/2019-30/06/2023)	3	30,46,79	231,00,00	495,00,00	16,47,00	0	0
<b>Total : Annual Development Program</b>		<b>30,46,79</b>	<b>231,00,00</b>	<b>495,00,00</b>	<b>16,47,00</b>	<b>0</b>	<b>0</b>
<b>Total : Development Activities</b>		<b>30,46,79</b>	<b>231,00,00</b>	<b>495,00,00</b>	<b>16,47,00</b>	<b>0</b>	<b>0</b>
<b>Total :</b>		<b>30,46,79</b>	<b>231,00,00</b>	<b>495,00,00</b>	<b>16,47,00</b>	<b>0</b>	<b>0</b>

### 6.9 Ashuganj Power Station Company Limited (APSCCL)

**6.9.1 Recent Achievements:** Commercial production of Ashuganj 400MW CCGP (East) project started on 26/11/2022 after completion of construction work under ADB & IDB joint funding. For the Patuakhali 1320 MW Super Thermal Power Plant, 925.50 acres of land has been acquired in Kalapara Upazila of Patuakhali district under Land Acquisition, Land Development and Conservation Project. Field level work is ongoing. A total of Tk 600 crore has been raised by issuing bonds of Tk 500 crore through private placement and Tk 100 crore by issuing coupon bonds through public offer.

#### 6.9.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power plants	Generated additional electricity	1	MW	0	0	0	400	0	0	0

### 6.9.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224099300 - Construction of Ashuganj 400 (+8%)MW Combined Cycle Power Plant (East) (01/07/2015 - 31/12/2022)	1	325,90,36	1,00	386,00,00	0	0	0
224231200 - Land Acquisition, Land Development and Protection for Patuakhali 1320 MW Super Thermal Power Plant Project(01/01/2018-30/06/2023)	1	123,94,18	471,71,00	220,00,00	290,49,00	600,00,00	2136,00,00
<b>Total : Annual Development Program</b>		<b>449,84,54</b>	<b>471,72,00</b>	<b>606,00,00</b>	<b>290,49,00</b>	<b>600,00,00</b>	<b>2136,00,00</b>
<b>Total : Development Activities</b>		<b>449,84,54</b>	<b>471,72,00</b>	<b>606,00,00</b>	<b>290,49,00</b>	<b>600,00,00</b>	<b>2136,00,00</b>
<b>Total :</b>		<b>449,84,54</b>	<b>471,72,00</b>	<b>606,00,00</b>	<b>290,49,00</b>	<b>600,00,00</b>	<b>2136,00,00</b>

### 6.10 West Zone Power Distribution Company Limited (WZPDCL)

**6.10.1 Recent Achievements:** Under the power sector reform programme, with gradual reduction in system losses the system loss achieved 7.44% in FY 2021-22. In the last 3 years, 2,56,583 consumers have been brought under new electricity connection through the construction of 875.8 km: distribution lines. The capacity of the 33/11 KV substation has been increased to 2113.38 MVA to meet the increasing demand in the area covered by WZPDCL. A total of 4,86,255 customers have been brought under pre-paid metering in WZPDCL's coverage area. Also 272 customers have been brought under net metering.

### 6.10.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22		2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power distribution lines and renewal, expansion and maintenance of existing lines;	Constructed lines	1	KM	300	329.20	250	100	100	100	80
2. Construction of new sub-stations and operation and maintenance of existing sub-stations.	Constructed and rehabilitated new & old sub-station	1	MVA	80	106.65	100	186.62	106.65	93.32	80
3. Implementation of pre-payment and smart metering systems	Number of meters installed	3	Number	50000	102799	50000	15000	0	150000	200000
4. Strengthening the recovery of arrears of electricity bills	Reduced arrears	3	Months equivalent	2.30	1.88	2.25	1.78	1.75	1.50	1.40
5. Reduction of power distribution system losses	Reduced system loss	3	%	8.50	7.44	8.45	7.90	7.90	7.80	7.70

### 6.10.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23			2023-24	2024-25
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
223014400 - * Smart Pre-Payment Metering Project for West Zone Power Distribution Company Ltd. (WZPDCL)(01/07/2017-31/12/2022)	3	66,24,00	80,00,00	35,00,00	0	0	0
224097200 - Expansion and Up-gradation of Power Distribution system Project in west Zone Area (01/07/2016 - 30/06/2024)	1,2	101,07,00	450,00,00	480,00,00	200,00,00	0	0
224148300 - Extension & Augmentation of Power Distribution System Project in West Zone Area (01/07/2011-30/06/2024)	1,2	150,00,00	160,00,00	150,00,00	97,20,00	75,00,00	0
224365300 - Modernization of Power Distribution-Smart Grids Phase-I	1,2	0	0	3,40,00	13,24,00	435,37,00	468,79,00
<b>Total : Annual Development Program</b>		<b>317,31,00</b>	<b>690,00,00</b>	<b>668,40,00</b>	<b>310,44,00</b>	<b>510,37,00</b>	<b>468,79,00</b>
<b>Total : Development Activities</b>		<b>317,31,00</b>	<b>690,00,00</b>	<b>668,40,00</b>	<b>310,44,00</b>	<b>510,37,00</b>	<b>468,79,00</b>
<b>Total :</b>		<b>317,31,00</b>	<b>690,00,00</b>	<b>668,40,00</b>	<b>310,44,00</b>	<b>510,37,00</b>	<b>468,79,00</b>

### 6.11 North West Power Generation Company Limited

**6.11.1 Recent Achievements:** The current power generation capacity of North-West Power Generation Company Ltd. is 3063.13 MW. In the last 3 (three) financial years (2019-20, 2020-21 and 2021-22) the following 02 (two) new power plants of this company have been connected to the grid: (1) Payra 1320 MW Thermal Power Plant (1st Phase); and (2) Sirajganj 6.55 MW (AC) Grid Connected Solar Photovoltaic Power Plant.

### 6.11.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22		2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power plants	Increased power generation	1	MW	0	0	568	0	1012.55	50	0



### 6.11.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224237100 - Rupsha 800 MW Combined Cycle Power Plant Project(01/07/2018-30/06/2023)	1	252,24,38	470,00,00	1040,00,00	987,00,00	881,50,00	0
224243000 - Long Term Service Agreement for Bheramara Combined Cycle Power Plant	1	33,15,75	212,00,00	210,00,00	23,00,00	18,50,00	0
<b>Total : Annual Development Program</b>		<b>285,40,13</b>	<b>682,00,00</b>	<b>1250,00,00</b>	<b>1010,00,00</b>	<b>900,00,00</b>	<b>0</b>
<b>Total : Development Activities</b>		<b>285,40,13</b>	<b>682,00,00</b>	<b>1250,00,00</b>	<b>1010,00,00</b>	<b>900,00,00</b>	<b>0</b>
<b>Total :</b>		<b>285,40,13</b>	<b>682,00,00</b>	<b>1250,00,00</b>	<b>1010,00,00</b>	<b>900,00,00</b>	<b>0</b>

### 6.12 Coal Power Generation Company Bangladesh Limited (CPGCBL)

**6.12.1 Recent Achievement:** Construction of Employer/Engineer's Accommodation and Office Building under EPC of "Matarbari 2x600 MW: Ultra Super Critical Coal Fired Power Project" has been completed.

#### 6.12.2 Activities, Output Indicators and Targets:

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new Power Plants	Constructed new power plant	1	MW	0	0	0	0	600	600	0

### 6.12.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects:

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224101400 - Matarbari Coal Fired Power Plan Project (01/07/2014-31/12/2026)	1	6244,65,07	6554,00,00	7490,00,00	8947,49,00	8300,00,00	306,00,00
224279500 - Land Acquisition and related activities for Construction of CPGCBL-Sumitomo 1200 MW Ultra Supercritical Coal Fired Power Plant (01/01/2019-30/06/2023)	1	38,89,00	7,00	7,00	0	0	0
224279600 - To Conduct Feasibility Study for Installation of 500-600 MW LNG Based Combined Cycle Power Plant along with Gas Transmission Line Construction (01/08/2018-30/06/2023)	1	2,50,00	1,63,00	1,19,00	0	0	0
<b>Total : Annual Development Program</b>		<b>6286,04,07</b>	<b>6555,70,00</b>	<b>7491,26,00</b>	<b>8947,49,00</b>	<b>8300,00,00</b>	<b>306,00,00</b>
<b>Total : Development Activities</b>		<b>6286,04,07</b>	<b>6555,70,00</b>	<b>7491,26,00</b>	<b>8947,49,00</b>	<b>8300,00,00</b>	<b>306,00,00</b>
<b>Total :</b>		<b>6286,04,07</b>	<b>6555,70,00</b>	<b>7491,26,00</b>	<b>8947,49,00</b>	<b>8300,00,00</b>	<b>306,00,00</b>

### 6.13 Sustainable and Renewable Energy Development Authority (SREDA)

**6.13.1 Recent Achievements:** Implementation of pilot projects including the formulation of Solar Irrigation Pump Grid Integration Guidelines-2020, the launch of a central database of renewable energy-related electricity generation and e-services related to solar technology, the completion of studies to determine the feasibility of floating solar in different parts of the country, the establishment of National Solar Help Desk and launch of service delivery program is a significant achievement of SREDA. On the other hand, Energy Efficiency & Conservation Master plan upto 2030 is formulated to ensure energy efficiency. Energy Audit Regulations 2018 and Energy Management Guidelines (Air Conditioner & Boiler) have been formulated. Above all, drafting of Building Energy Efficiency and Environment Rating (BEEER) and drafting of Standards and Labeling Regulations for determining the standards of electrical appliances and charging guidelines for electric vehicles, conducting energy audits in 41 industrial and commercial establishments, energy

efficiency and conservation issues in Bangladesh National Building Code 2020. Mandatory code has been added.

### 6.13.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Formulating Renewable Energy based power generation plans and supervision	Supervising the installation of rooftop solar systems	2	MW	12	18.015	13	13	14	15	16
	Supervising of solar irrigation systems		MW	0.15	0.15	0.15	0.10	0.15	0.15	0.15
	Increasing power generation from renewable energy (including setting up model solar parks)		MW	115	118.16	20	30	20	20	20
	Organization of training/workshops/seminars on renewable energy		Number	6	6	6	6	6	6	6
2. Implementation of Renewable Energy based power generation	Implementation Yearly Energy balance Booklet		Number	1	1	1	1	1	1	1
	Formulation of Energy Management Standard of Equipment/Technology	Number	1	1	1	1	1	1	1	1

### 6.13.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23	2023-24	2024-25	2025-26	
1	2	3	4	5	6	7	8
<b>Operating Activities</b>							
<b>Support Activity</b>							
131017900 - Sustainable and Renewable Energy Development Authority (SREDA)	1	7,89,68	11,79,00	11,10,43	11,77,30	13,00,00	14,62,50
<b>Total : Support Activity</b>		<b>7,89,68</b>	<b>11,79,00</b>	<b>11,10,43</b>	<b>11,77,30</b>	<b>13,00,00</b>	<b>14,62,50</b>
<b>Total : Operating Activities</b>		<b>7,89,68</b>	<b>11,79,00</b>	<b>11,10,43</b>	<b>11,77,30</b>	<b>13,00,00</b>	<b>14,62,50</b>
<b>Development Activities</b>							
<b>Annual Development Program</b>							
223038500 - Technical Assistance for Renewable Energy Resource Assessment and Piloting	1,2	2,09,71	18,69,00	7,69,00	14,65,00	0	0
224281900 - Energy efficiency and conservation promotion financing project	1	6,13,00	12,71,00	18,64,00	0	0	0
<b>Total : Annual Development Program</b>		<b>8,22,71</b>	<b>31,40,00</b>	<b>26,33,00</b>	<b>14,65,00</b>	<b>0</b>	<b>0</b>
<b>Total : Development Activities</b>		<b>8,22,71</b>	<b>31,40,00</b>	<b>26,33,00</b>	<b>14,65,00</b>	<b>0</b>	<b>0</b>
<b>Total :</b>		<b>16,12,39</b>	<b>43,19,00</b>	<b>37,43,43</b>	<b>26,42,30</b>	<b>13,00,00</b>	<b>14,62,50</b>

### 6.14 Rural Power Company Ltd. (RPCL)

**6.14.1 Recent Achievements:** Land acquisition of 915.74 acres for construction of a 1320 MW coal based power plant at Patuakhali and 252.56 acres of land for construction another 600 MW gas/LNG based power plant at Ghazaria, Munshiganj, land development and dam construction works has been completed. Agreement signed with EPC contractor for setting up a 420 MW Combined Cycle Power Plant in Mymensingh. In February, 2019, construction of 13 km gas pipeline from TGTDC's Mymensingh TBS to power plant to augment gas supply to Mymensingh 210 MW Combined Cycle Power Plant was completed.

### 6.14.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22		2022-23	2023-24	2024-25	2025-26	
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power plants	Generated additional electricity	1	MW	150	0	150	0	1320	420	0
2. Implementation of renewable energy based power generation	Increasing renewable energy based power generation	2	MW Peak	0	0	0	0	50	100	0

### 6.14.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects:

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224345000 - Construction of 100 MW Solar Power Plant at Madarganj in Jamalpur District	2	0	150,00,00	77,80,00	715,76,00	419,90,00	0
224365600 - Construction of Gas Pipeline from Dhanua to Mymensingh for the supply of gas to Mymensingh Combined Cycle Power Plants (০১/০৭/২০২২ - ৩০/০৬/২০২৪)	1	0	0	62,85,00	225,44,00	85,30,00	0
<b>Total : Annual Development Program</b>		<b>0</b>	<b>150,00,00</b>	<b>140,65,00</b>	<b>941,20,00</b>	<b>505,20,00</b>	<b>0</b>
<b>Total : Development Activities</b>		<b>0</b>	<b>150,00,00</b>	<b>140,65,00</b>	<b>941,20,00</b>	<b>505,20,00</b>	<b>0</b>
<b>Total :</b>		<b>0</b>	<b>150,00,00</b>	<b>140,65,00</b>	<b>941,20,00</b>	<b>505,20,00</b>	<b>0</b>

### 6.15 B-R Powergen Ltd.

**6.15.1 Recent Achievements:** Mirsarai 150 MW dual-fuel power plant projects' physical progress: 98.97% and financial progress: 97.24% has been achieved and pre-commissioning work has been completed and Initial Commercial Operation (ICO) of the current project is underway. ECA funded Sreepur 150 MW HFO based power plant construction projects' physical progress 12.28% and financial progress 15.00% achieved. Long-term settlement of 348.348 acres of land has been obtained from the Ministry of Lands for the construction of 100 MW solar power plant project at Kaijarchar of Madarganj Upazila of Jamalpur district been approved and the tariff has been approved.

### 6.15.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22		2022-23	2023-24	2024-25	2025-26	
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power plant	Increase in electricity production	1	MW	150	0	150	150	150	0	400
2. Implementation of renewable energy based power generation	Increasing renewable energy based power generation	2	MW (AC)	0	0	0	0	100	0	0

### 6.15.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects:

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23		2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224115100 - Mirsarai 150 MW Dual Fuel Power Plant Project (01/07/2017 - 30/06/2023) Approved	1	93,00,00	1,00	13,50,00	0	0	0
<b>Total : Annual Development Program</b>		<b>93,00,00</b>	<b>1,00</b>	<b>13,50,00</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total : Development Activities</b>		<b>93,00,00</b>	<b>1,00</b>	<b>13,50,00</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total :</b>		<b>93,00,00</b>	<b>1,00</b>	<b>13,50,00</b>	<b>0</b>	<b>0</b>	<b>0</b>

## 6.16 Northern Electricity Supply Company Ltd. (NESCO)

**6.16.1 Recent Achievements:** Under the Power Sector Reform Programme, the system loss achieved at 9.92% in FY 2021-22 has been gradually reduced from 11.91% at the time of formation of NESCO. Apart from this, electricity is being distributed to 18,67,657 consumers by constructing distribution lines of about 6948.64 km. The capacity of 33/11 KV substations has been increased to 2541 MVA in the financial year 2021-22 to meet the growing demand in NESCO coverage areas. Besides, 81 customers have been brought under net metering and the work of bringing 5,00,000 customers under pre-paid metering has been completed.

### 6.16.2 Activities, Output Indicators and Targets

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2021-22	2022-23	2022-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8	9	10	11
1. Construction of new power distribution lines and renewal, expansion and maintenance of existing lines;	Construction and rehabilitation of distribution lines	1	KM	750	1622	650	1900	900	800	700
2. Construction of new sub-stations and operation and maintenance of existing sub-stations	Construction and rehabilitation of sub-station	1	nos	200	23	160	10	6	5	4
3. Implementation of pre-payment and smart metering systems	Smart pre-payment meter	3	nos)	80000	420000	90000	20000	500000	550000	200000
4. Strengthening the recovery of arrears of electricity bills	Account Receivables	3	Months equivalent	3	2.76	2.95	2.50	2.50	2.45	2.35

### 6.16.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23	2022-23	2023-24	2024-25	2025-26
1	2	3	4	5	6	7	8
<b>Annual Development Program</b>							
224284000 - EXTENSION & RENOVATION PROJECT OF DISTRIBUTION LINE & SUB STATION FOR RANGPUR DIVISION	1,2	125,56,00	350,00,00	300,00,00	170,00,00	90,00,00	92,92,00
224284100 - EXTENSION AND RENOVATION PROJECT OF DISTRIBUTION LINE & SUB-STATION OF RAJSHAHI DIVISION	1,2	128,70,00	435,00,00	275,00,00	234,00,00	88,60,00	108,94,00
224365400 - Smart Distribution System Implementation in NESCO	1	0	0	1,00	60,00,00	60,00,00	60,76,00
224365500 - Smart Pre-Payment Meter Installation in NESCO Area of Rajshahi & Rangpur Division	3	0	0	1,00	120,00,00	80,00,00	403,38,00
<b>Total : Annual Development Program</b>		<b>254,26,00</b>	<b>785,00,00</b>	<b>575,02,00</b>	<b>584,00,00</b>	<b>318,60,00</b>	<b>666,00,00</b>
<b>Total : Development Activities</b>		<b>254,26,00</b>	<b>785,00,00</b>	<b>575,02,00</b>	<b>584,00,00</b>	<b>318,60,00</b>	<b>666,00,00</b>
<b>Total :</b>		<b>254,26,00</b>	<b>785,00,00</b>	<b>575,02,00</b>	<b>584,00,00</b>	<b>318,60,00</b>	<b>666,00,00</b>

## 6.17 Power Cell

**6.17.1 Recent Achievements:** Necessary support have been provided to ensure electricity facilities to the 100% people of the country through electrification of all upazilas through the implementation of the declaration of Mujib Barsha as 'Year of Service' and the activities undertaken by the Power Division to celebrate the Golden Jubilee of Independence. The draft 'Private Sector Power Generation Policy' and the draft 'Private Sector Power Transmission Policy' have been formulated by merging the existing policies related to generation and transmission of electricity. Multipurpose use of land for solar power projects, verification of public opinion regarding electricity services and establishment of electrical testing lab, determining optimum area for installation of grid network towers and strengthening of activities of Rural Electrification Board have been undertaken. Assistance provided in updating and formulation of existing and new laws/rules/policies related to power sector, formulation of power generation/transmission/distribution plan, renewable energy development and cost-effective use, database updating.

**6.17.2 Activities, Output Indicators and Targets**

Activities	Output Indicator	Related Strategic Objectives	Unit	Revised Target	Actual	Target	Revised Target	Medium Term Targets		
				2021-22	2022-23	2023-24	2024-25	2025-26		
1	2	3	4	5	6	7	8	9	10	11
1. Conducting survey activities for the purpose of development and reform of power sector;	Conducting surveys on development and reforms	3	Number	5	2	10	5	10	10	10

**6.17.3 Medium Term Expenditure Estimates by Institutional Unit, Schemes and Projects**

(Taka in Thousands)

Name of the Institutional Unit/Scheme/ Project	Related Activity	Actual 2021-22	Budget	Revised	Medium Term Expenditure Estimates		
			2022-23	2023-24	2024-25	2025-26	
1	2	3	4	5	6	7	8
Not applicable							