

# BREB POLICY AND PLANNING

Perspective: Implications for Poverty Reduction and Social Inclusion

## CONFERENCE ON: INCLUSIVE COMMUNITY ENERGY RESILIENCE

23 - 24 April Gazipur, Bangladesh



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# Bangladesh Rural Electrification Board: At a Glance

## AIM

**“To Create Cooperatives (Palli Bidyut Samity - PBS).  
Area Coverage Rural Electrification Programme.  
To Bring Electricity To The Rural Population.”**

## VISION

**“Provide Quality, Reliable and  
Affordable Electricity for All ”**

## MISSION

**“Provide Reliable Electricity for  
Rural People through an Integrated  
Development of the Distribution  
System”**





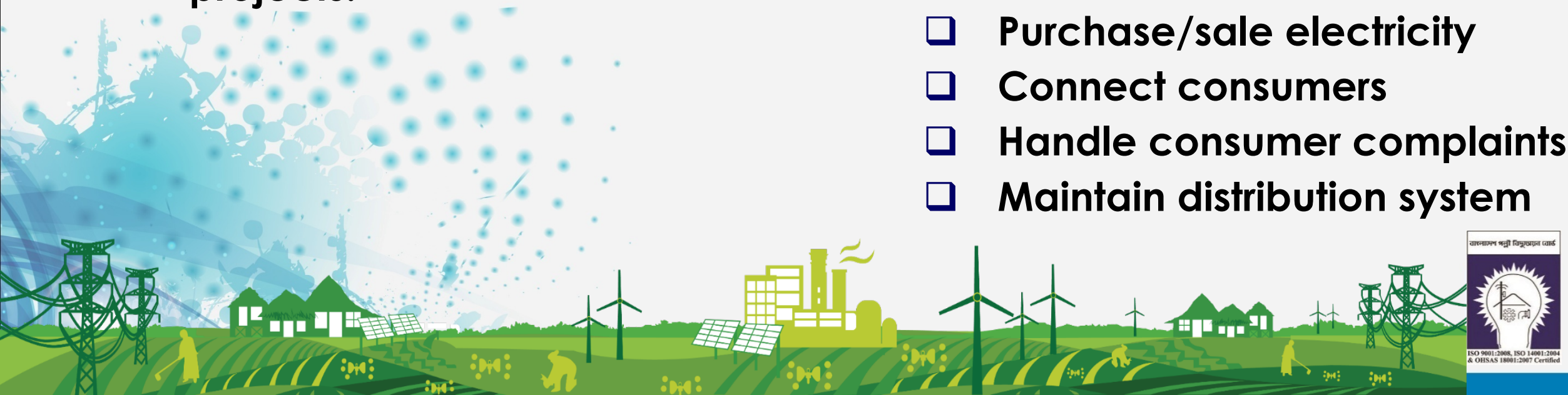
# Bangladesh Rural Electrification Board: At a Glance

## BREB ROLE

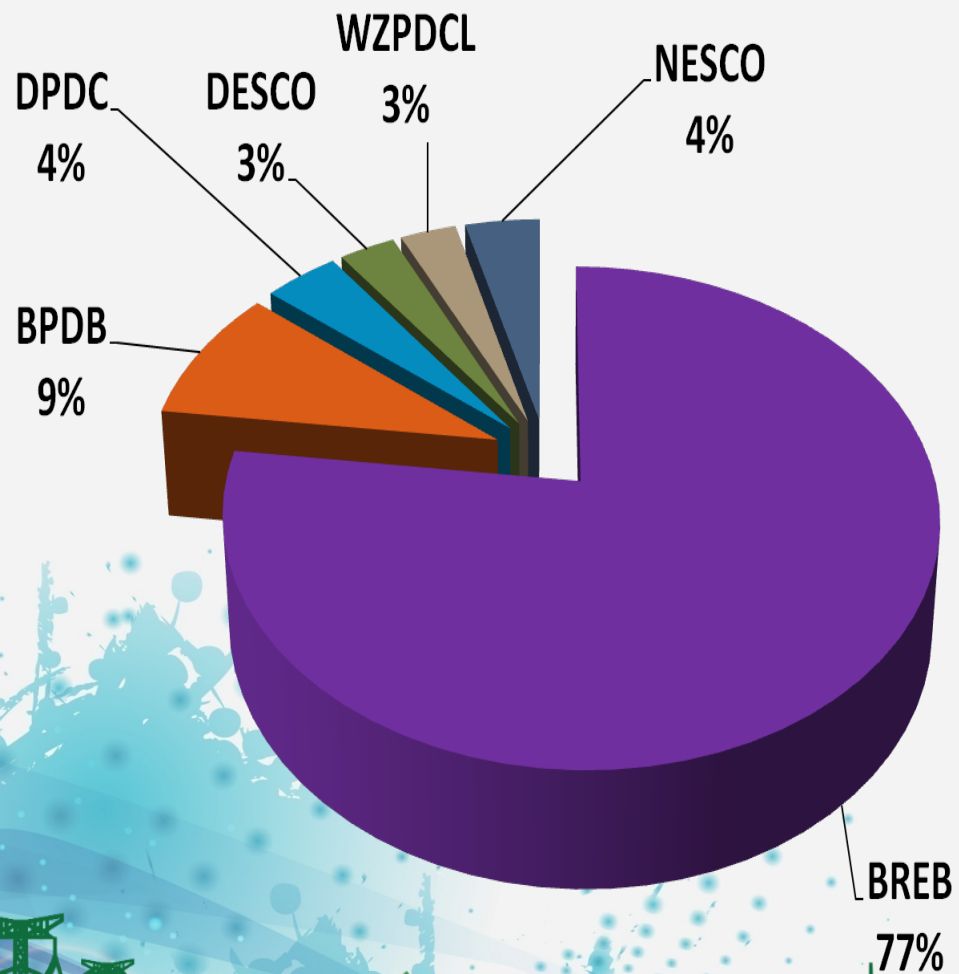
- ☐ Formulate policies/instructions.
- ☐ Create, register & develop PBSs.
- ☐ Monitor and evaluate PBS performance.
- ☐ Design and execute development plan.
- ☐ Undertake and implement construction projects.

## PBS ROLE

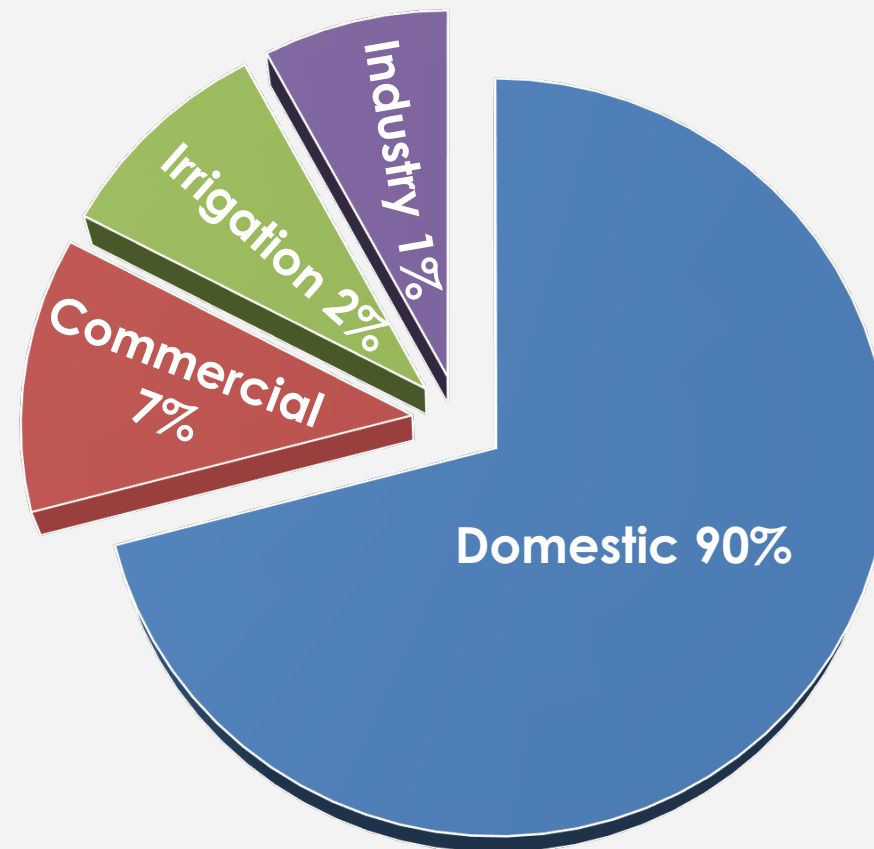
- ☐ Purchase/sale electricity
- ☐ Connect consumers
- ☐ Handle consumer complaints
- ☐ Maintain distribution system



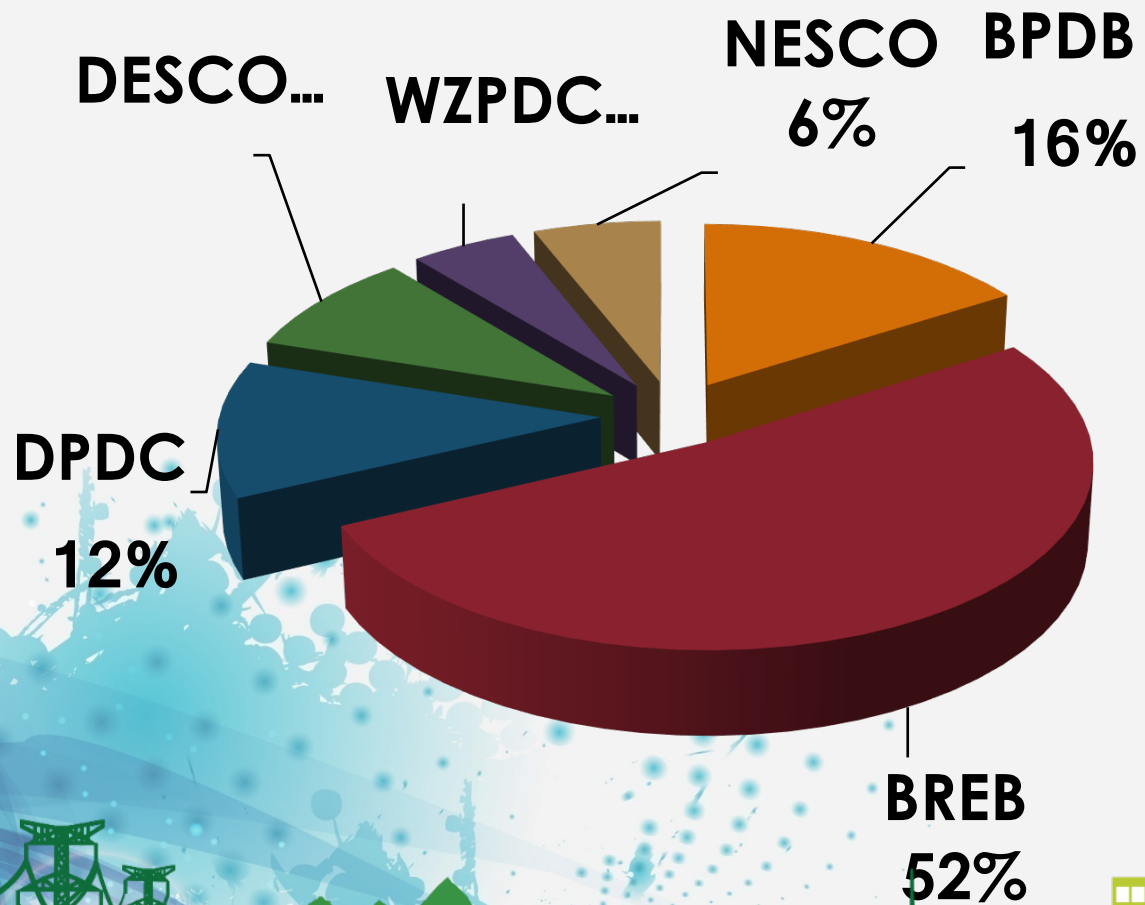
# Consumer Statistics



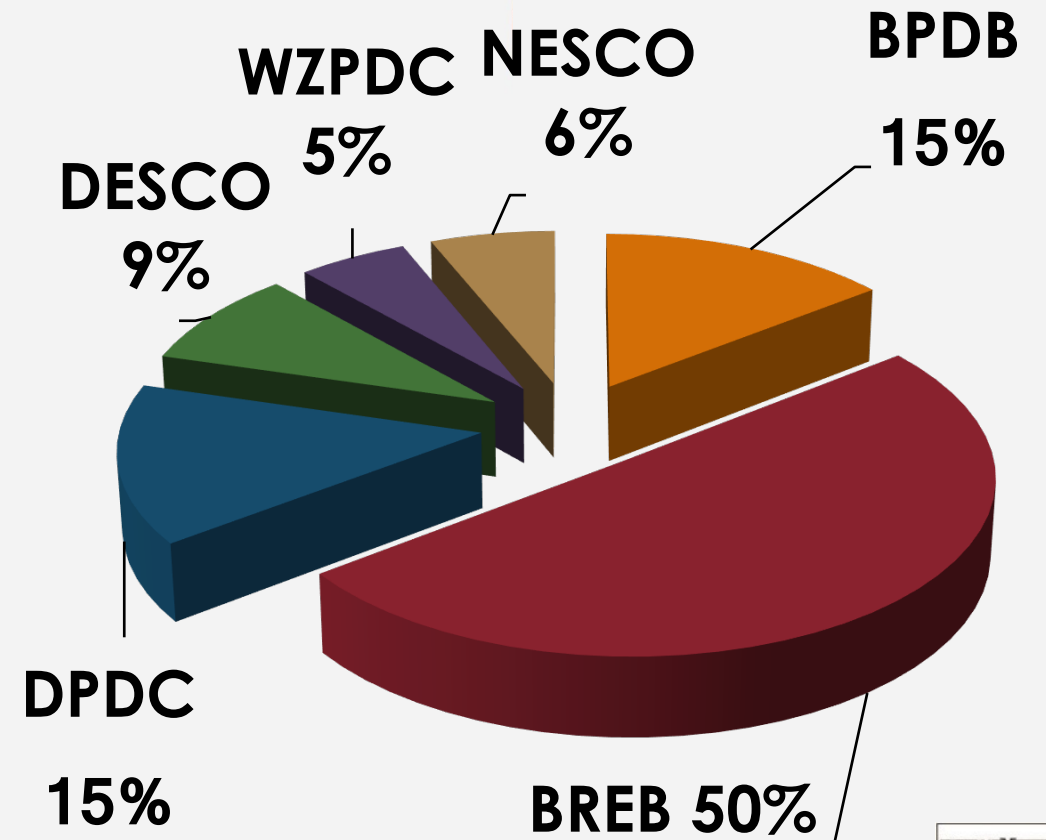
# BREB Consumer



## LOAD STATUS (MW)



## POWER PURCHASE (2017-18)



# Renewable Energy (BREB)

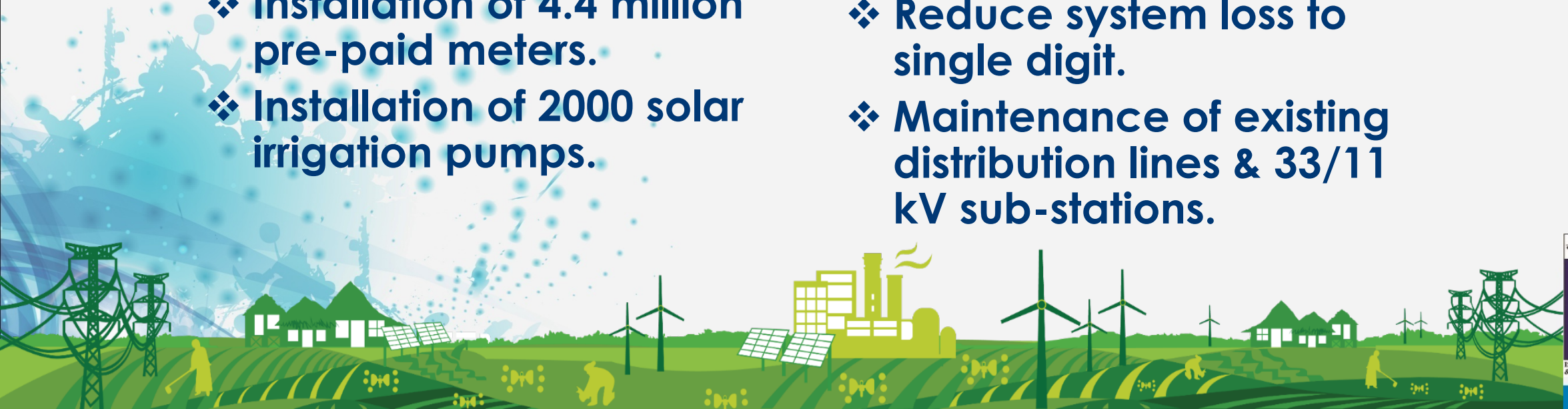
Sl. No.	Description	Quantity Installed (Nos.)	Installed Capacity (kWp)
01.	SHS Installed under projects	15,250	825
02.	SHS against PBS New Consumer Connection	37,181	8,554
03.	Roof Top Solar Plants installed by BREB		
	a) BREB H/Q Building	1	49
	b) PBS H/Q Building	-	42
	c) Upazila Complex Building	15	450
	d) High School	1	2
04.	Solar Powered Irrigation Pump	40	239
05.	Solar Charging Station	14	303
06.	Net Metering at 26 PBS	60	4464
07.	Under Processing Solar Irrigation PUMP by ADB Fund	2,000	19,300
		<b>Total:</b>	<b>34,228</b>





# BREB DEVELOPMENT PLAN

- ❖ Reliable and quality electricity to all at an affordable cost.
- ❖ Increase the number of consumers to 2.60 Crore within June 2019.
- ❖ Electrification of 88,000 villages.
- ❖ Installation of 4.4 million pre-paid meters.
- ❖ Installation of 2000 solar irrigation pumps.
- ❖ Increase the number of sub-stations to 1550 nos with a total capacity of 15,232 MVA
- ❖ Project for automation of existing sub-stations & smart grid.
- ❖ Reduce system loss to single digit.
- ❖ Maintenance of existing distribution lines & 33/11 kV sub-stations.



# IMPLICATIONS FOR POVERTY REDUCTION AND SOCIAL INCLUSION

- ❖ Economic impact
- ❖ Social impact
- ❖ Educational impact
- ❖ Agricultural impact
- ❖ Poverty alleviation
- ❖ Women employment/empowering
- ❖ Pushing generation/transmission





# BREB Plays a Vital Role for The Economy



How Happy !



Small Industry



# BREB Plays a Vital Role for The Agriculture



Irrigation



# BREB Plays a Vital Role for The Women Empowerment



Power Loom



# BREB Plays a Vital Role for The Economy



Poultry



# BREB Plays a Vital Role for The Social Development



Union Digital Center



16,500 Maternity Clinic





# BREB Plays a Vital Role for The Education



High School Digital Lab





# Innovation in Service



## আলোর ফেরেওয়াল



## OUR ACHIEVEMENT

01.	Access to Electricity	92%
02.	Total Consumers	257 Lakhs
03.	100% Electrified UPZ	307
04.	Peak Demand	6440 MW
05.	Line Energized (KM)	4,43,000 KM
06.	Sub-stations (MVA)	10870 (914 nos)
07.	System Loss (80 PBS)	09.54% (avg)

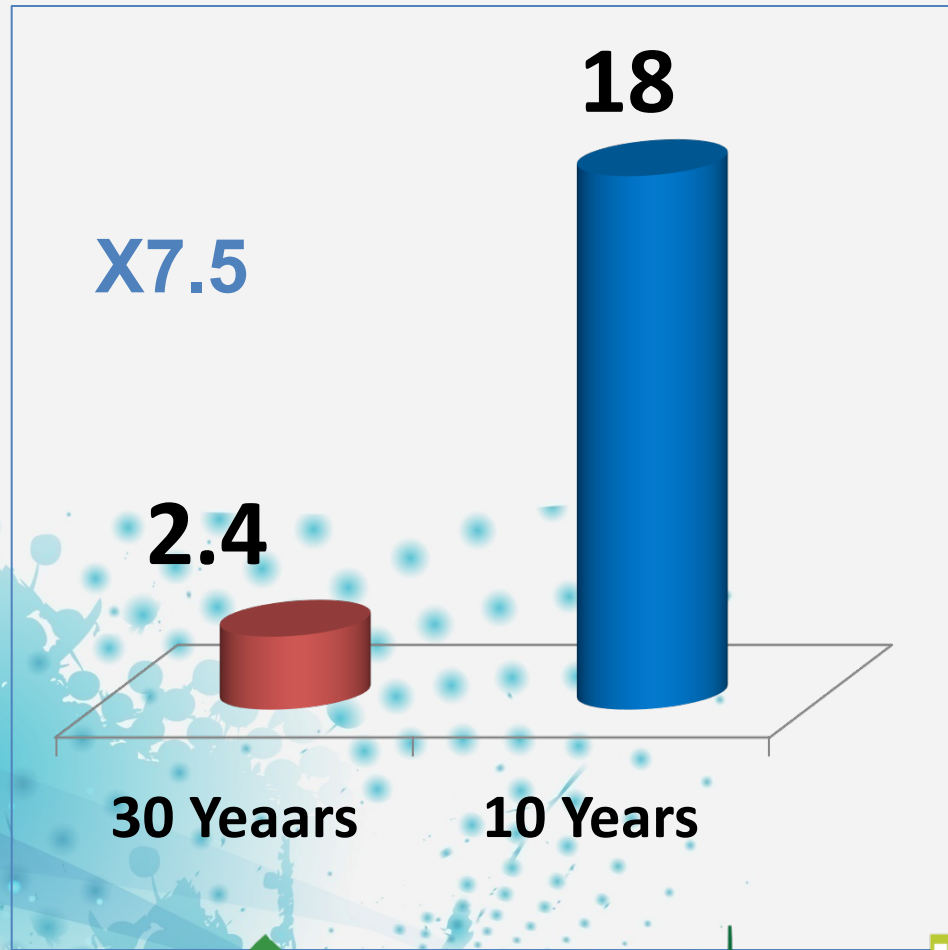
Area	Total	100% Covered	Ongoing
Villages	84,800	72,000	12,800
Upazila	461	307	154



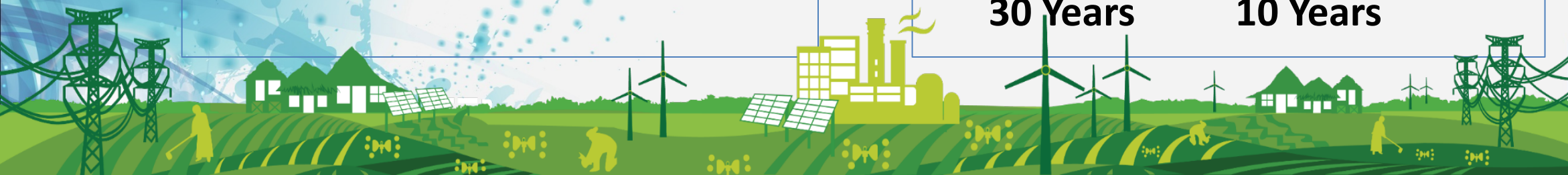
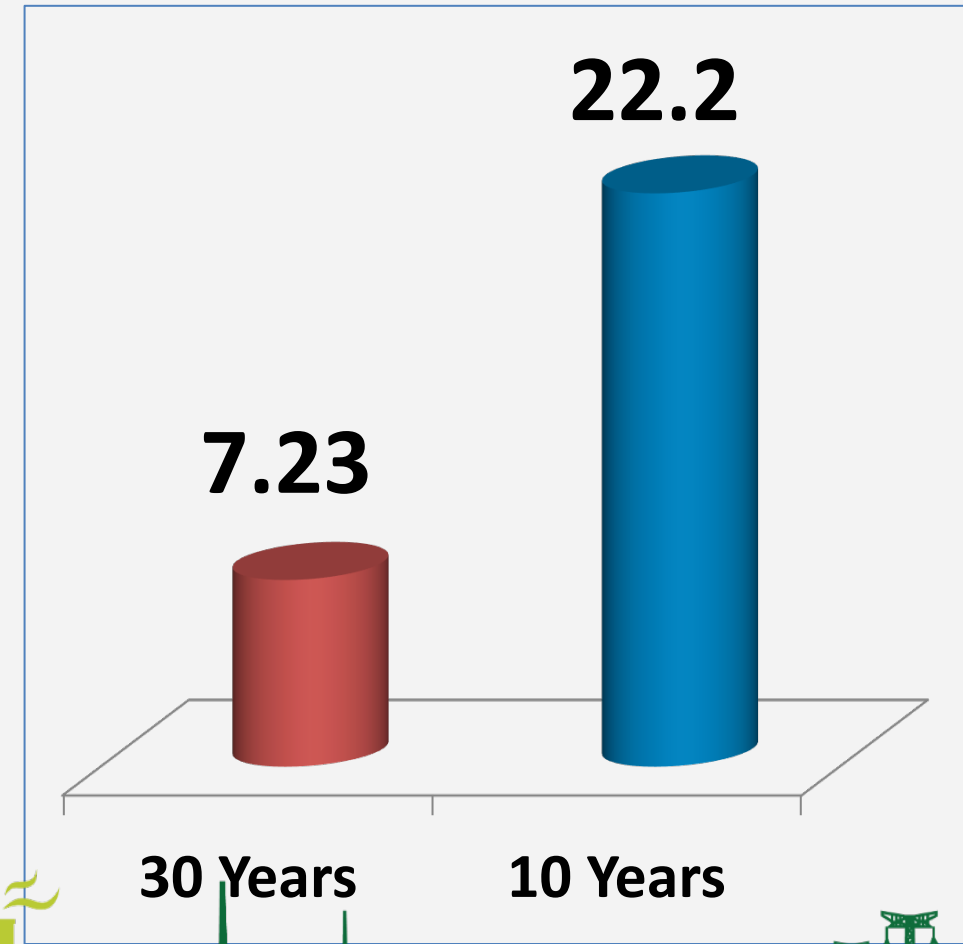
**Area  
Coverage  
Accelerated  
From 30% To  
92% In Last  
10 Years**

# 30 years (1978-2008) VS 10 years (2009-2018)

Connections (Lakh)



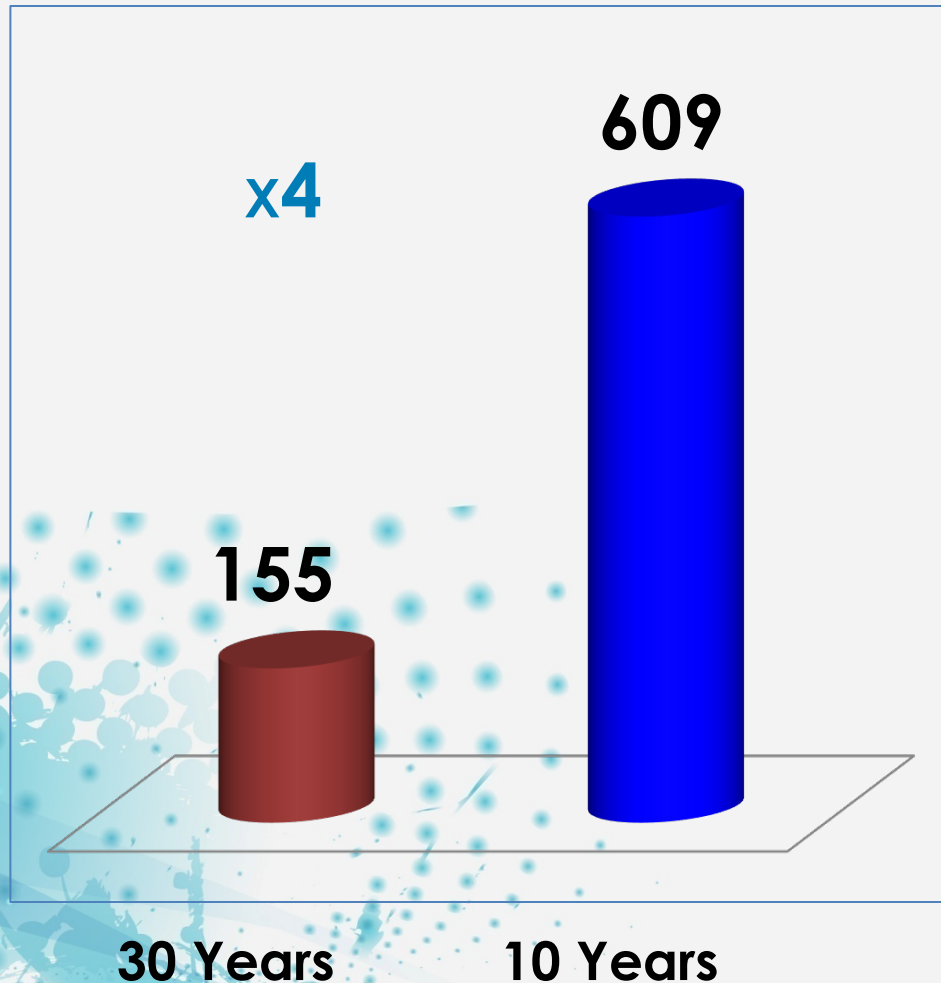
Line construction (Thou KM)



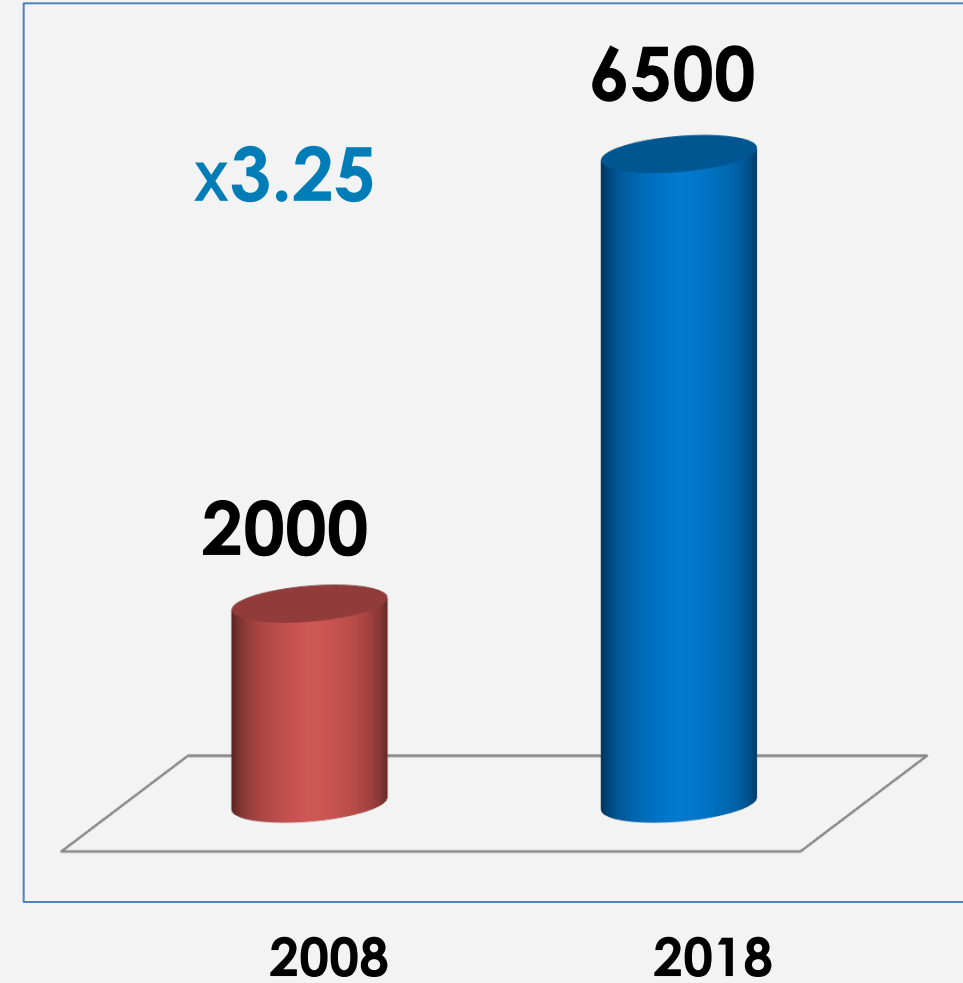


# 30 years (1978-2008) **VS** 10 years (2009-2018)

## Sub-station (MVA)



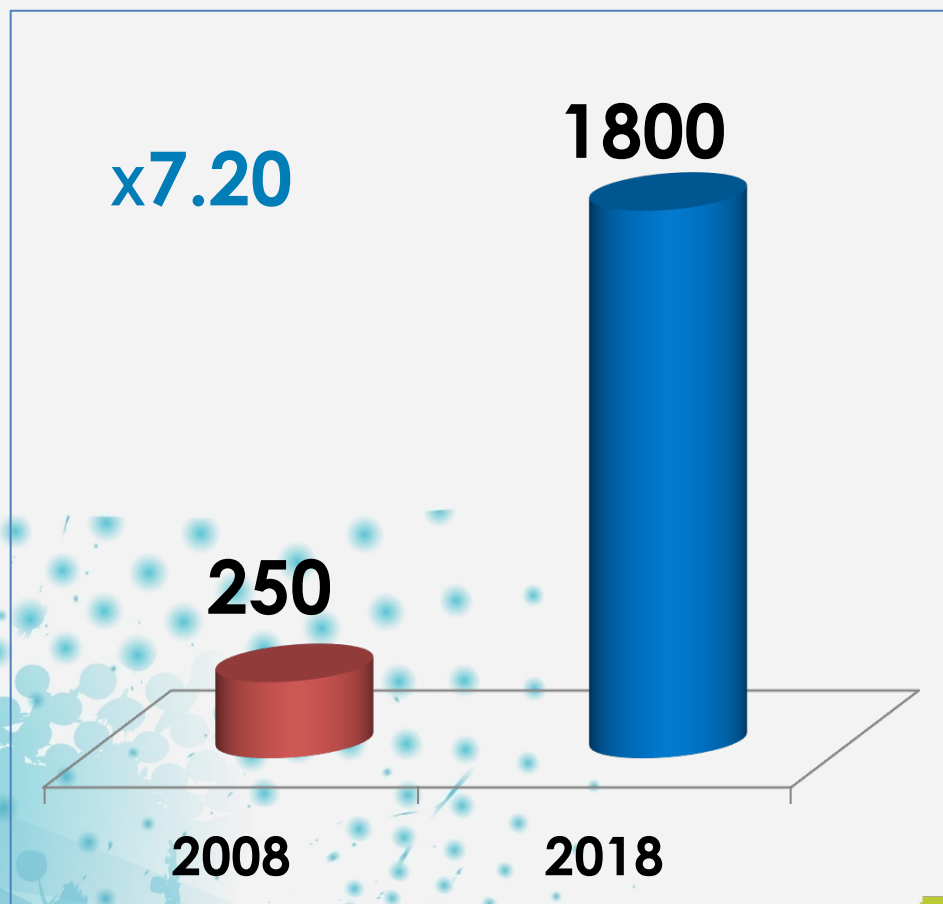
## Supply (MW)



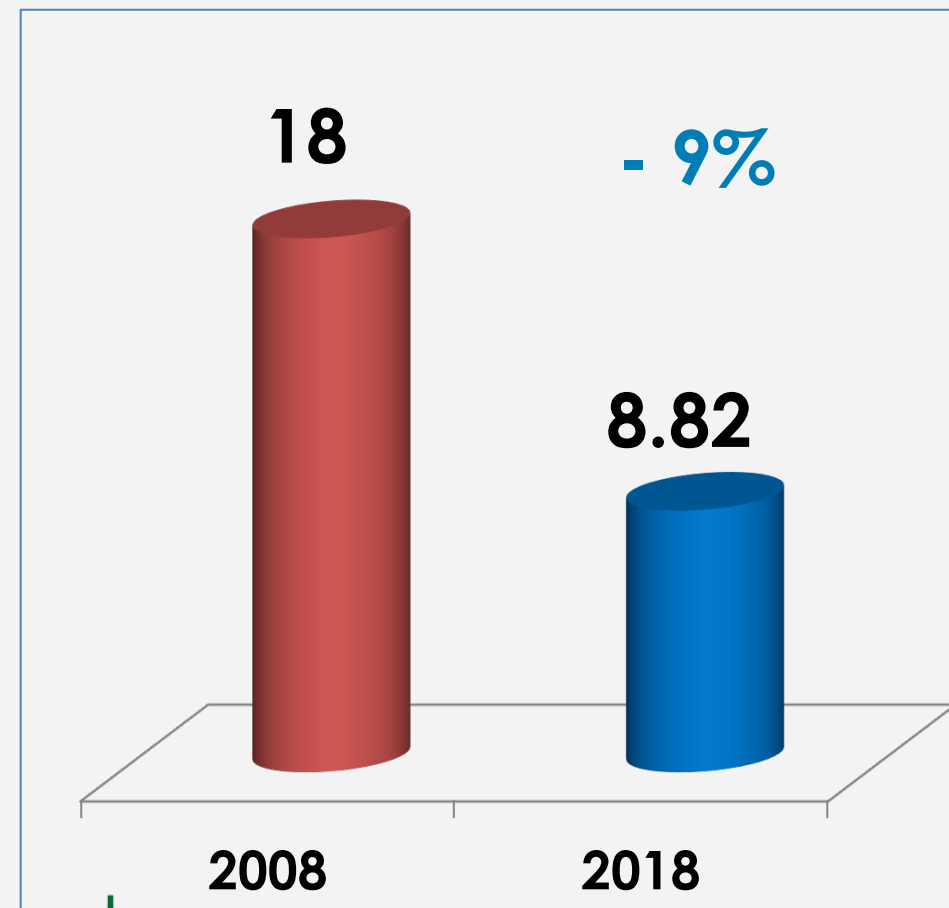


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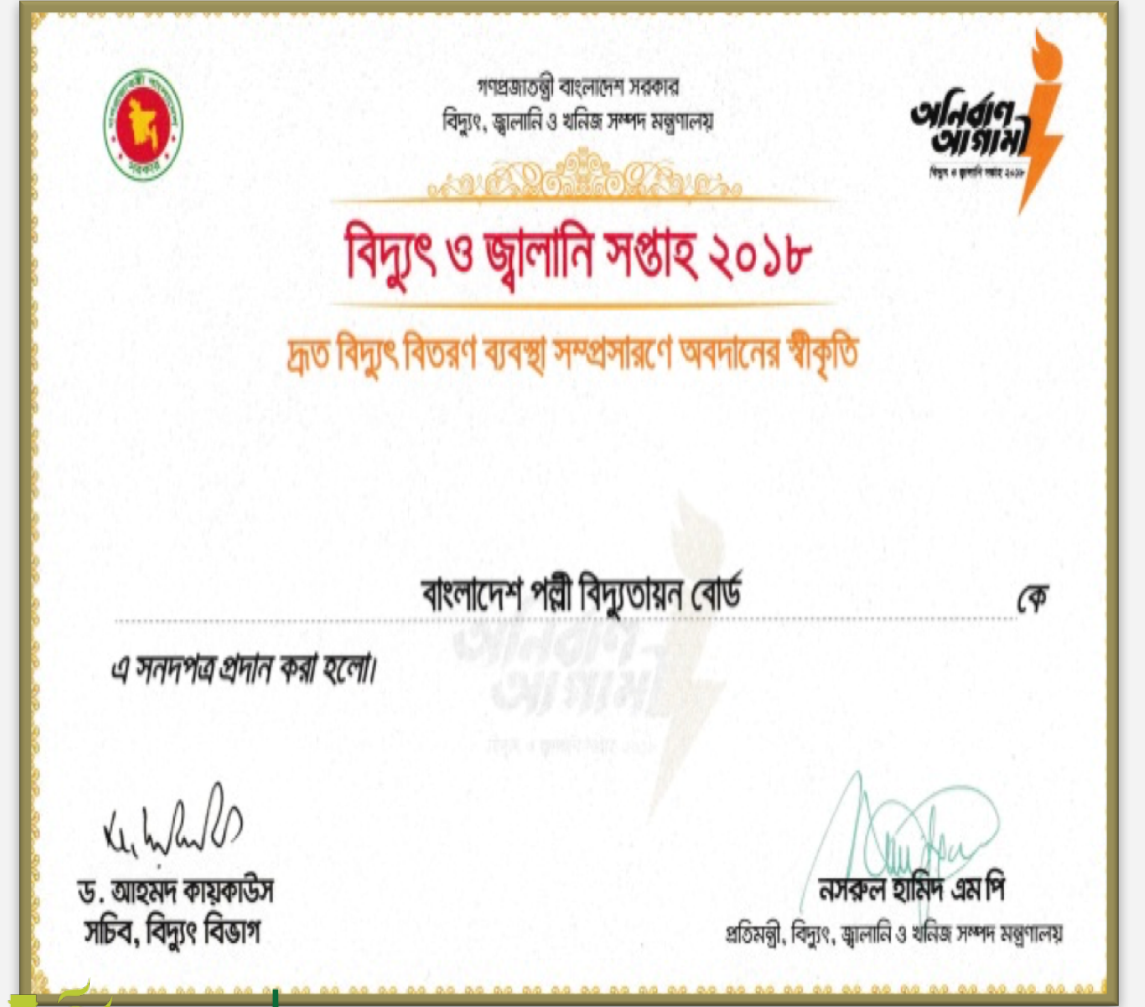
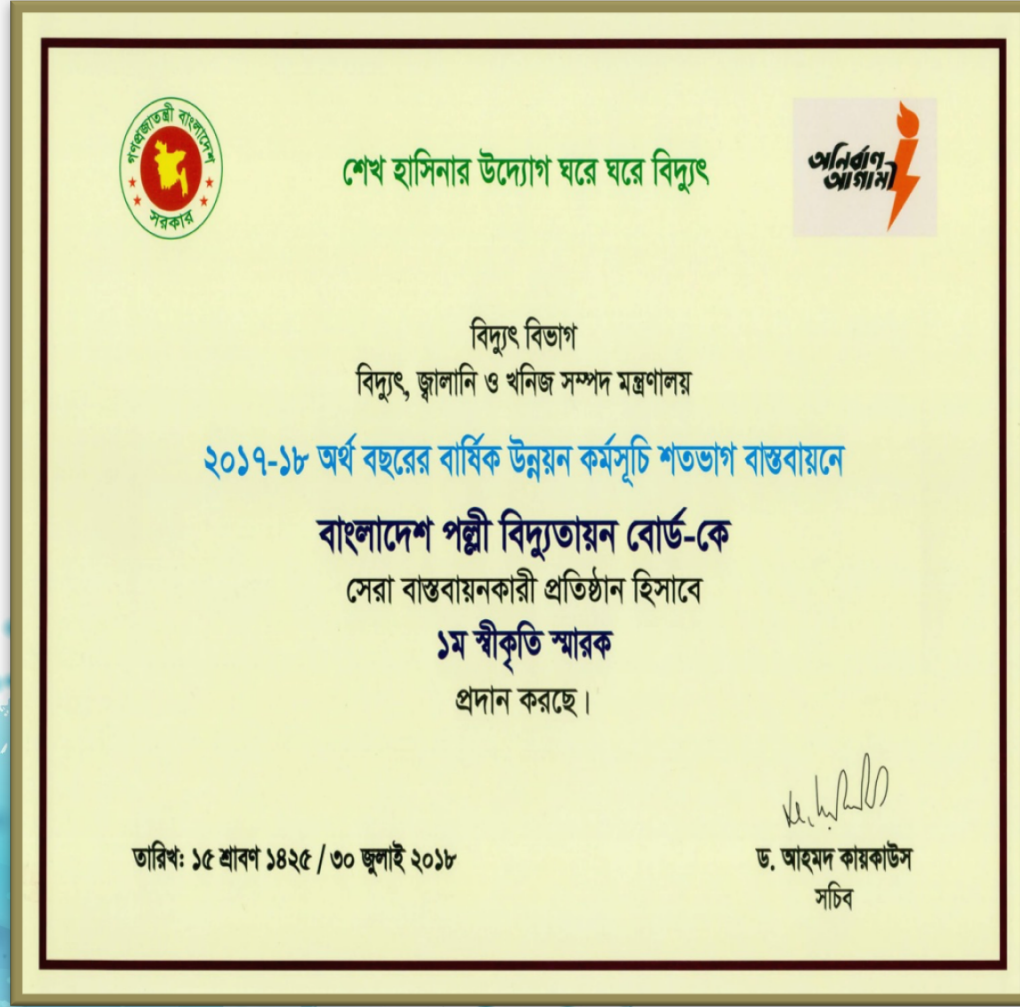
## Monthly Sales (Crore)



## System loss (%)



# OUR ACHIEVEMENT





# OUR ACHIEVEMENT



“

# ELECTRICITY OXYGEN OF ECONOMY

A CHANGE  
MAKE  
R

LET'S EXPLORE WISDOM





# Thank You

