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Campaign for Just & Equitable Transition In Bangladesh



Energy & Power Scenario in Bangladesh Raising Demands through Identifying Challenges

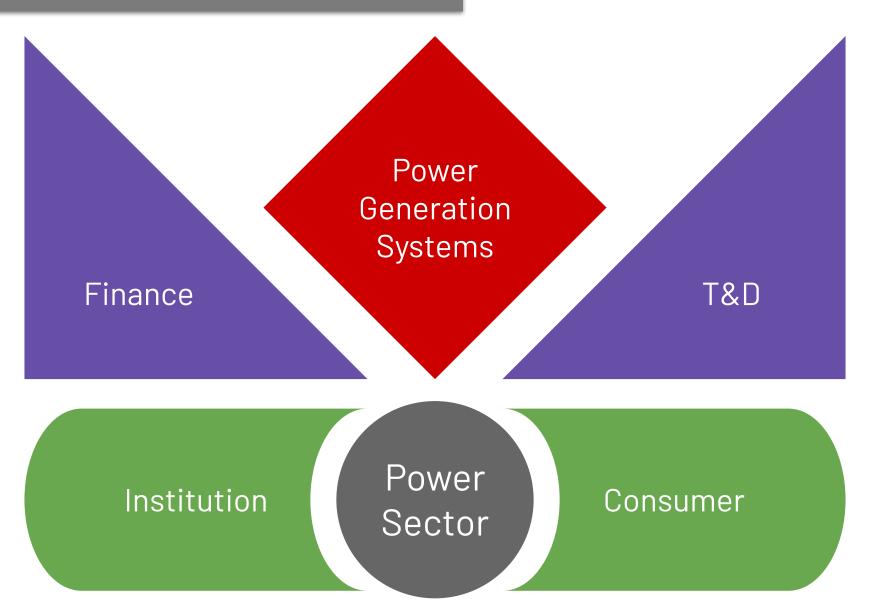
Hasan Mehedi

Coastal Livelihood and Environmental Action Network (CLEAN)

bwged **POWER SYSTEM** 230kV to 500 kV 11kV to 13.5 kV 230kV/ 500kV 3 phase 3 phase, delta UNDERS SERVER ERRERS CRASES Primary long-haul **Power Generation Station** Step-up Power Transmission Transformer Network 11kV to 33kV, 3 phase 69kV to 132kV 3 phase Industrial Loads Distribution 4 wire, 400V, 230 V Sub Transmission Network Substations Substations 3 or single phase (star) Transformers, Busbar, Circuit Transformers, Busbar, Circuit Breakers, Lightening arresters Breakers, Lightening arresters Residential Overhead Distribution Loads

Transformer

POWER SECTOR



Institution

Policy Coherence Transparency & Accountability

Information Disclosure Balance of Power

Decentralization



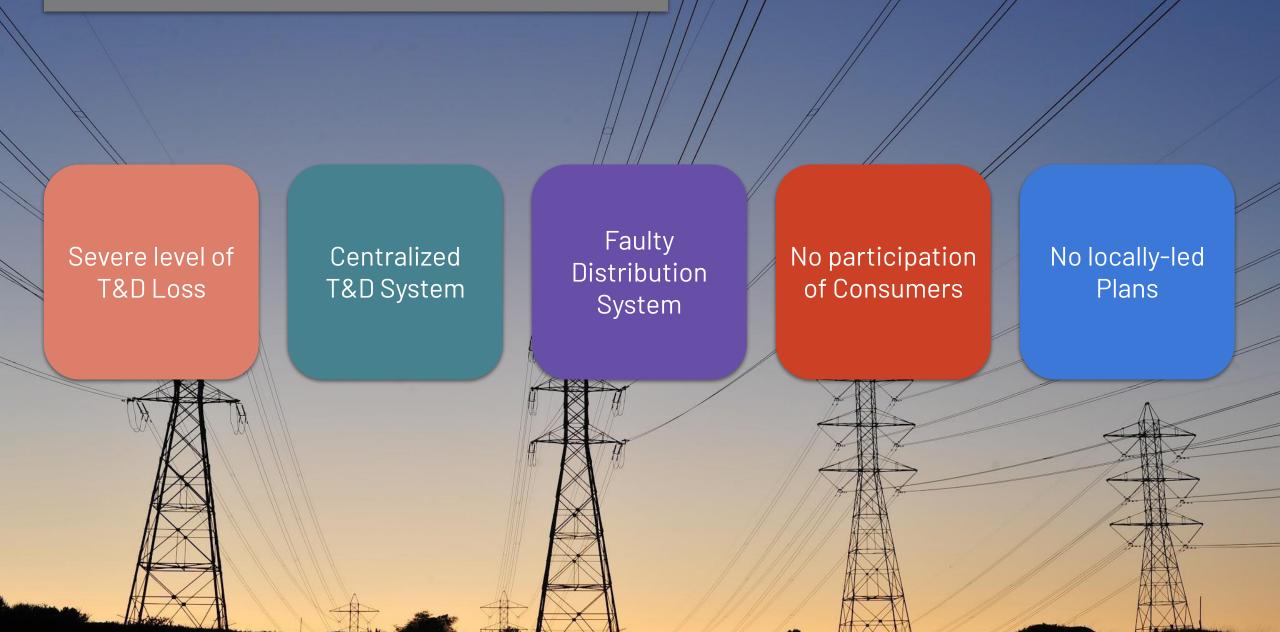
Power Generation Systems

Sub-standard Power Plants Import Depended Source of Energy

No national institutions for accessories

No quality control of the Solar Modules Social and Environmental Impacts

Transmission & Distribution



Consumers

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Imbalance in Consumer's Category No participation in planning, implementation or evaluation

No opportunity for Prosumers

Lack of Quality Electricity Lack of EEC Knowledge

GLOSSARY

- \circ Agrivoltaics
- \circ Base Load
- Capacity Utilization Factor
- Derated Capacity
- Distribution
- Energy Efficiency
- Energy Policy
- Floatovoltaics
- Fossil Gas
- Installed Capacity
- Intermediate Load
- Internal Rate of Return (IRR)
- Kilowatt-hour
- National Load Dispatch Centre
- Operator
- Quality Electricity
- \circ Peak Load

- Plant Availability Factor
- Plant Load Factor
- Prosumer
- o Return on Investment
- Sponsor
- Transmission

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THANK YOU

- +88 01976 702 006
- mehedi@cleanbd.org | info@cleanbd.org
- <u>https://cleanbd.org | https://energytransitionbd.org</u>

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