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GESI mainstreaming and BRM Energy Portfolio

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The Common Goal:

MDBs and DPs

SDG 7: Ensure access to affordable, reliable, sustainable and modern **energy for all**.

SDG 9: Build resilient infrastructure, **promote inclusive and sustainable** industrialization and foster innovation

*Energy
for All*

GOB 7th Five Year Plan: Increased electricity **coverage**, Improved per-capita electricity consumption and uninterrupted **power supply to all**

- ADB Strategy 2030: Achieving a Prosperous, **Inclusive**, Resilient, and Sustainable Asia and the Pacific
- ADB Energy Policy: Maximizing **access to energy for all** (3rd pillar)

GoB

ADB



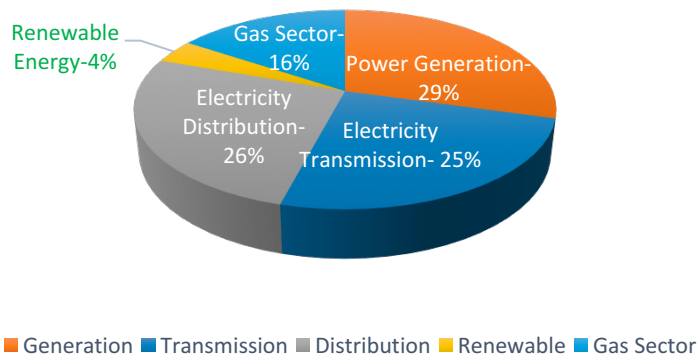


ADB Bangladesh Energy Portfolio

Sector at a Glance

- ✓ 10 active projects with 13 loans and 6 grants- **\$3.11 billion** (32% of Bangladesh portfolio).
- ✓ 3 EGM and 1 SGE among 10 projects;

Energy Investment Mix
(Active Portfolio: \$3.11 billion)



Flagship Projects

- ✓ National Loan Dispatch Center (NLDC)
- ✓ Dhaka Clean Fuel Project
- ✓ Ashuganj 450 MW (North) and 400 MW (East) CCPP
- ✓ 1000MW HVDC Cross-boarder Grid Interconnection at Bheramara
- ✓ Kaptai 7.4MWp Solar PV Power Plant
- ✓ Meghnaghat power plant (The first power PPP)



GESI elements in ADB Energy portfolio-Bangladesh



GESI Energy portfolio 2019-

- ✓ 3 EGM: Loan 2769-Renewable energy and Energy Efficiency; Loan 3522- Rural electricity distribution; Loan 3676- Power generation;
- ✓ 1 SGE: Loan 3683- Electricity transmission and energy efficiency;

GESI in Rural distribution:

- ❑ **Household level-**
 - ❖ End-user education program to newly electrified HHs
 - ❖ Energy based livelihood and business development training
- ❑ **Service provider level-**
 - ❖ Technical skills training
- ❑ **Utility level-**
 - ❖ Inclusive technical standards
 - ❖ Inclusive PBS infrastructure (Childcare centers etc.)
 - ❖ PBS Business incubation centers
 - ❖ PBS staff capacity enhancement
 - ❖ Inclusive technical training (GIS mapping)

GESI in Electricity transmission-

- ❖ **EA Level-** Inclusive scholarship program for Power sector staffs
- ❖ **National level-** inclusive scholarship program for University students at power engineering

GESI in RE:

- ❑ **Community level-**
 - ❖ Awareness campaign and user education
 - ❖ Energy based livelihood training (O&M, cleaning)
- ❑ **EA level-**
 - ❖ EA Capacity enhancement towards inclusion
 - ❖ Inclusive employment opportunities in utility



GESI in Power Generation-

- ❖ Safe and inclusive educational environment in the area
- ❖ Fostering employment and livelihood opportunities around power plant.
- ❖ EA capacity building towards GESI features in company's future project designs and operations.



Key challenges in GESI implementation

Challenges	Recommendation
Cancellation of components (Example Hatiya RE project in Loan 2769).	Equivalent alternative project to implement project GAP: BREB 2000 solar pump in Loan 2769.
Insufficient ownership of SDG goals among Government counterparts ("energy for all"; "inclusive and sustainable energy")	<ul style="list-style-type: none">✓ Engaging ERD and PMO (SDG coordinator's office) at project processing in delegation of responsibilities with inclusivity targets.✓ Citing appropriate SDG goals in ADB processing documents and review missions.
Lack of awareness among EA staffs about GESI approaches and it's needs.	Sensitizing Power sector staffs through GESI workshops and trainings.
Highly optimistic GAP	Adequate consultation and exchanges among EA and local stakeholders at project appraisal and GAP formulation





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Thank you.

