ELECTRICITY AUTHORITHYY OF CAMBODIA

Regulatory Monitoring Process





A- FRAMEWORK

For process monitoring:

- Determine Purpose and Uses
- Develop Measurable Objectives
- Develop Evaluation Questions
- Collect / gather credible evidence
- Analyze Information and Develop Conclusions
- Report Findings

- Learn from experiences to improve practices and activities in the future
- internal and external accountability of the ressource uses and the results obtained
- informed decisions (on the future)
- to promote empowerment of beneficiaries

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Monitoring Activities

Monitoring Activities:

- Collect Data (in efficient, transparent and timely manner)
- identify, categorize factors relevant to specific concern (reliability, meter correctness, bill complaint, tariff setting)
- report (display): report should be clear, meaningful for different use, and easy to use for appropriate actions.

Monitoring Aspects

Monitoring Aspects:

- Relevance (supply parameters, infrastructure, scale, geography)
- Effectiveness (efficiency, quality of electricity, transparency, fairness)
- Efficiency: cost-effective monitoring activities
- Impacts:
- Sustainability (economic, environment and social aspects)

2 Measurable Objective

Objective of regulatory process are defined step by step through improvement in Power Sector.

- No discrimination between big operator (EdC) and small REE.
- 3 aspects to consider in mind:
- quantity / quality (what do we do and how do we manage)
- Inheritent (what were the effects/ change)
- Impacts: longterm effects (on reliability, quality of electricity, and fair and stable tariff, helping the poors)

Objectives

Some objectives (improved over time):

- Improve Power Sector infrastructures so the supply is 24/24 with balance of cost/quality of electricity.
- Meet the demand of electricity while keep the electricity price at affordable level.
- Improve reliability of electricity supply in cities and increase electrification rate by grid expansion.
- Improve REE management.
- Uniform tariff and helping the poors.
- Affordable tariff for Industrial Sector.

3 Evaluation Questions

We ask ourselve.

4 Credible evidences

There are rumors, news in local media.

- Office of Customer Affairs is establish for this purposes.
- There are evidences on electrocution, on fire hazard. EAC consider improving safety in electricity supply.
- There are evidences on meter correctness issue, on unauthorized use of electricity...
- Laboratory staffs help licensee to improve metering system.

4 Credible evidences

Customer related data.

- Demographics in licensee zone, number of household or families, number of connections.
- Customer categories: small customer and medium customers, MV customer.

Supply level data.

• Sale volume, expenditures, networks components...

Performance related data.

Number of interruptions, number of complaints...

B- Tools and Assistance

Tools:

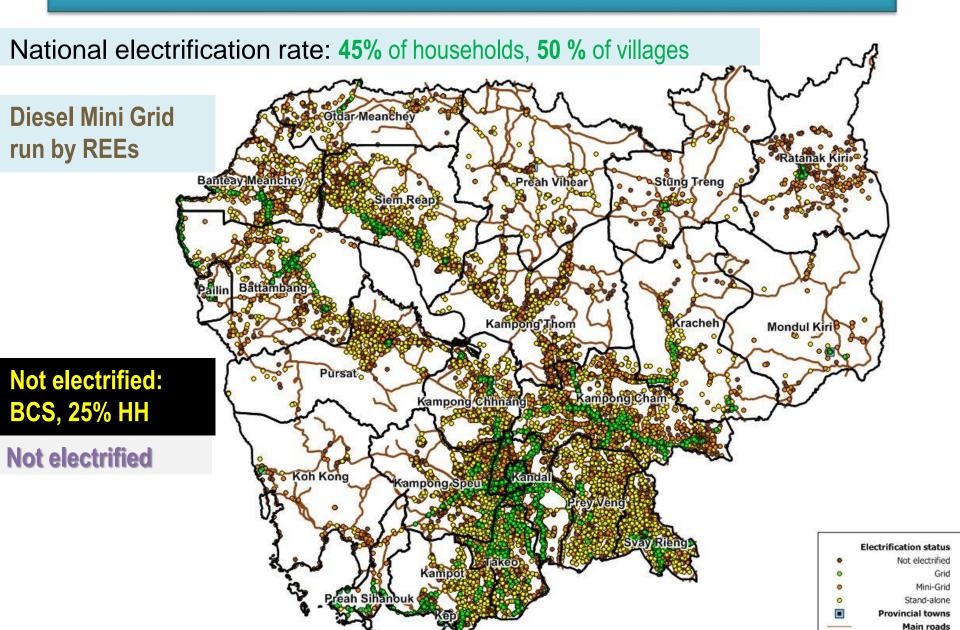
- GIS software. GIS based monitoring.
- Access database develop inside department
- SQL database
- MME give management tool to REE, but EAC has own planning on REE training.
- Later EAC decide to make own tool for REE.
- Training for REE are continuous.

B- Priorities

Priorities:

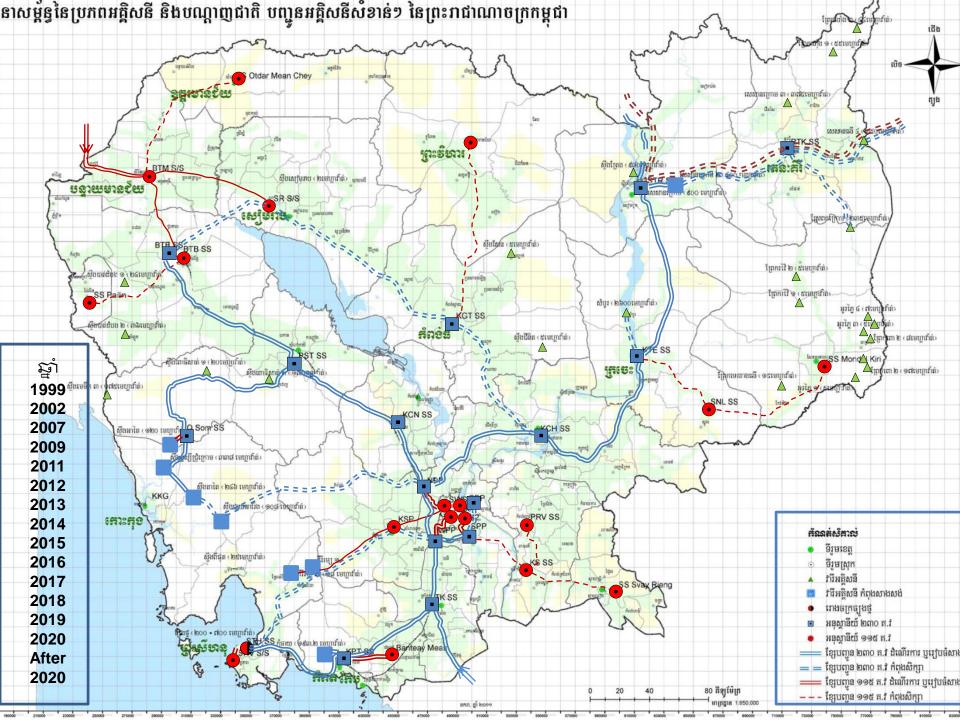
- Grid expansion and standardized network.
- 24 hours service and safety.
- Use of MV line as distribution network and connection to EdC grid.
- Uniform tariff and helping the poors.
- Coverage of distribution network in rural area.
- Customer experience: fairness in electricity supply, safety performance.
- System stability.
- Grid quality.

Status of Access to Electricity in 2012



Situation of Transmission Lines





THANK YOU FOR YOUR KIND ATTENTION