

Progress Report of APEC Distribution Transformers Survey Project

Li Pengcheng, REB, CNIS
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BACKGROUND

- ❖ **Objects of the project:**
 - Assessing the energy savings and GHG emission reduction potential related to the increase in energy performance of Distribution Transformers
 - Sharing experiences and lessons among APEC economies about EES&L programs for DTs
 - Providing recommendations on how to develop roadmaps for EES&L programs for DTs
 - Initiating a discussion among APEC economies on the interest and potential for harmonization of testing methods for DTs
- ❖ **Overseer: China National Institute of Standardization**
- ❖ **Project manager: ICA**
- ❖ **Contractor: Econoler, LBNL and ZBSTRI**
- ❖ **Timeline: August, 2012 – July, 2013**

SURVEY RESULTS



Worldwide Review

- MEPS: Australia, New-Zealand, Canada, US, Egypt, Korea, India, China, Brazil, Mexico, Vietnam, European Union, Peru
- Comparative Label: Japan, China, India, Vietnam, Korea, China, Vietnam, Chile
- Endorsement Labels: Chinese Taipei, Mexico, Brazil, Korea, China, Vietnam

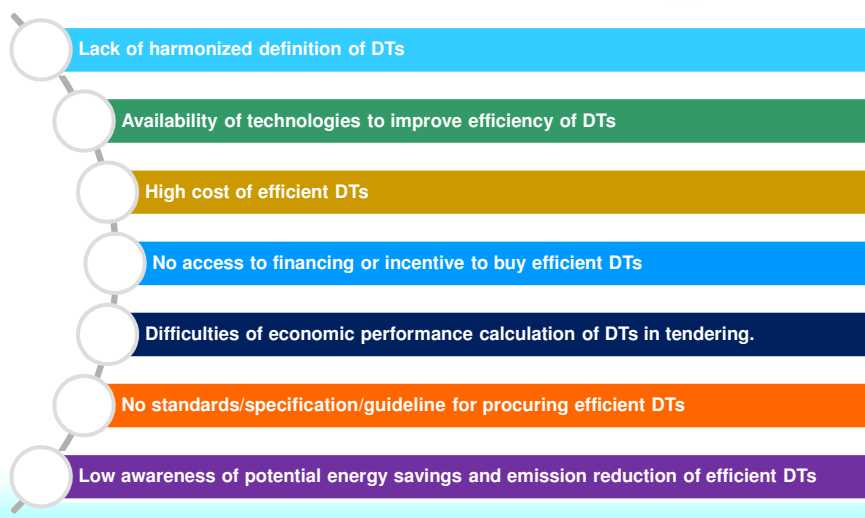
APEC economies survey and specific analyses

- Australia, New Zealand, Canada, Chile, China, Chinese Taipei, Japan, South Korea, Mexico, Peru, USA, Vietnam

Analysis of potential energy savings and carbon emission through implementation of MEPS



BARRIERS AND ENABLERS ANALYSIS



STRATEGIC FRAMEWORK FOR DEVELOPING ROADMAPS

Strategic framework for developing roadmaps of countries without MEPS for DTs

Strategic framework for developing roadmaps of countries with MEPS for DTs

Recommendations

- National strategic framework for developing Roadmaps
- Best practices

5

NEXT STEPS

❖ International Energy Efficient Transformers

Workshop (2013-11-13)

- Communications of key finding of APEC Distribution Transformers Survey Project
- Regional harmonization of policies & standards for efficient transformers
- Technical basis of supply chain and production for promoting efficient transformers

6

Thank you!

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