Empowering a Distributed Energy Resource Future through Regulatory and Market Reforms

- **Sponsoring Economies:** Thailand, Chinese Tapei, Japan, United States of America, Philippines

- **Problem:** Sharply declining technology costs and increasing consumer interest in distributed solar photovoltaics (among other technologies) is creating concerns about revenue sufficiency of electric utilities.
  - Financially healthy utilities are foundational to inclusive economic growth.
  - In all economies, there is clear need for regulatory and market reforms to address this, but solutions are not always widely understood/available

- **Solution:** Capacity building via targeted peer-to-peer learning
  - Utilize APEC’s convening power to host foundational trainings and facilitated peer dialogues which troubleshoot individual economy issues, inspiring appropriate solutions which support DPV growth while protecting utilities.
  - U.S. and Australian economies offer rich diversity of experiences
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- **Multi-faceted Project Approach**
  - Enrollment of regulatory expert team to assess gaps in APEC economies and provide technical training to participants on foundational issues
  - Creation of platform to engage stakeholders via series of peer-to-peer workshops and technical trainings which foster dialogue, articulate regulatory road blocks, and inspire ideas and action for approaching reforms
    - Includes proposed ‘Women’s Electric Power Leadership Forum’
  - Collaborative action planning between project participants and regulatory expert team which identify clear next steps based on individual needs of

- **Beneficiaries**
  - *Country Project Participants*: Direct recipients of trainings, peer exchanges, and strategic advising
  - *Government Institutions*: Learnings and action plans will be carried forward through government institutions
  - *Society at Large*: By inspiring reforms, benefits can include economic development and job creation, energy security, liberalization of investment frameworks, reductions in CO₂ emissions