Performance Analysis with RETScreen

15 February 2017
Some Housekeeping Items

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Agenda

1. Welcome & Introductory Remarks
2. Overview of the Clean Energy Solutions Center
   - Stephanie Bechler, National Renewable Energy Laboratory
3. Presentations
   - Dinesh S. Parakh, Program Advisor, RETScreen International
   - Kevin Bourque, Project Engineer, RETScreen International
4. Question and Answer Session
Clean Energy Ministerial

The Solutions Center:
- Launched under the Clean Energy Ministerial (CEM) in 2011

Clean Energy Ministerial:
- A high-level global forum to promote policies and programs that advance clean energy technology, to share lessons learned and best practices, and to encourage the transition to a global clean energy economy.

90% of clean energy investment & 75% of Global CO₂ emissions
Clean Energy Ministerial: Initiatives

The Solutions Center:
- Is one of 9 CEM Initiatives, which include:
  - International Smart Grid Action Network
  - 21st Century Power Partnership
  - Global Lighting and Energy Access Partnership

Three Overarching Goals of CEM:
- Improve Energy Efficiency Worldwide
- Enhance Clean Energy Supply
- Expand Clean Energy Access
The Solutions Center helps governments design and adopt policies and programs that support the deployment of clean energy technologies.

Led by Australia, Sweden, and United States, with in-kind support from Canada and Mexico.
Solutions Center: Goals and Audience

Goals

- Serve as a principal clearinghouse of clean energy policy and program resources
- Share clean energy policy best practices, data, and analysis tools across countries and economies
- Deliver dynamic, customized services that enable expert assistance, learning, and knowledge sharing
- Foster dialogue on emerging policy issues and innovation across the globe
- Serve as a primary resource for project financing options and information to expand markets for clean energy

Target Audiences

- Primary
  - Government Policy Makers and Advisors
- Secondary
  - Private-Sector Companies
  - Energy Entrepreneurs and Investors
  - Non-Governmental Organizations
  - Civil Society
  - Others Engaged in Clean Energy
Solutions Center: Partnerships

More than 35 international partners

- IRENA
- IEA
- Sustainable Energy for All (SE4ALL)
- Bloomberg New Energy Finance
- United Nations Environment Programme (UNEP)
- ECOWAS Center for Renewable Energy and Energy Efficiency
- Power Africa
Ask an Expert: Our Experts in Action

We connect you to a global network of energy experts for personalized attention and quick response technical assistance on strategies, regulations, standards, financial incentives, and deployment programs for a broad range of clean energy sectors and technologies including:

- Energy Access
- Energy Efficiency
- Renewable Energy
- Smart Grid
- Transportation
- Utilities

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Dinesh S. Parakh manages strategic partnerships, communications, business development, and training & capacity building for RETScreen International at Natural Resources Canada’s CanmetENERGY research centre in Varennes, Quebec. He is also the lead author of the RETScreen Clean Energy Legal Toolkit and the RETScreen Clean Energy Policy Toolkit. A lawyer in Ontario, Dinesh has worked in international development since 1999 with extensive experience throughout Africa. He was formerly with the United Nations Development Programme and World Food Programme in South Africa, as well as the Canadian International Development Agency in Ottawa, Canada. Dinesh holds a B.A. from Yale University, and an M.A. and J.D. from the University of Toronto.
Kevin Bourque is part of the development team of the RETScreen Clean Energy Management Software at Natural Resources Canada’s CanmetENERGY research centre in Varennes, Quebec. He specializes in RETScreen software development (including the development of power, industrial, commercial, institutional and residential archetypes), providing RETScreen software technical support (including delivering training seminars and train-the-trainer workshops) and developing online distance learning tools such as the e-Textbook and case studies. Prior to joining NRCan, Kevin worked as a wind energy consultant specializing in the assessment, computer modelling and performance analysis of wind energy systems. He has been working in the energy field since 1999. Kevin obtained a Bachelor of Engineering degree (Mining Engineering) from McGill University.
Question and Answer Session

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