The Future of Electricity Generation and Utilities

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Panelists

- Roger Duncan
- Bram Reinders
- Cris Eugster
- Ken Donohoo
What is the future of the electricity industry?

- In many jurisdictions, including much of Texas, the industry has been vertically disintegrated:
  - Transmission and distribution businesses remain in “traditional” cost-of-service model:
    - Significant amount of costs still typically recovered through “volumetric” adder to retail energy price,
  - Generation and retail sectors competitive.
- Increasing share of renewable production, including distributed resources.
What is the future of the electricity industry?

- Distributed energy resources and end-use efficiency pose significant challenges to the generation, transmission, and distribution business models:
  - Less net energy sold to consumers means lower total energy,
  - but maximum demand may be less affected, so capital investment recovered over smaller sales,
  - How do the network providers avoid the so-called “death spiral”?
Roger Duncan

- Chairman of the Board of Pecan Street, Inc.
- Research Associate at UT, Austin,
- Former General Manager of Austin Energy.
Bram Reinders

- Director of Alliance Management at Alliander NV:
  - Dutch electricity and gas network provider,
  - Establish smart grid and smart city partnerships

- Founder of the European Network for Cyber Security.
Cris Eugster

- Group Executive Vice President, Chief Generation and Strategy Officer, CPS Energy:
  - responsible for Power Generation to serve San Antonio native load as well as the ERCOT market,
  - corporate strategy including the development of new products and services.
Ken Donohoo

- Director, System Planning, Distribution and Transmission, Oncor Electric Delivery Company:
  - distribution and transmission planning analysis,
  - NERC support/reporting and regulatory support,
  - planning reports and collection/development of power system planning data