Developing New Microgrids in Old Regulatory Environments

Techniques for Structuring Microgrid Projects

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Framework Points …

• Brief overview of frameworks and then your questions ….

• Structuring a microgrid project requires looking at how various legal frameworks can operate together:
  • Energy
  • Tax
  • Environmental
  • Real Estate
  • Finance
  • Etc.
Energy Regulatory Challenges

- Energy Regulations often present the core challenges facing microgrid development:
  - Who can own and operate microgrid generation?
  - Who can own and operate microgrid distribution?
  - How many customers can a microgrid serve?
  - Can you combine hybrid resources in a microgrid?
  - Can you reasonably interconnect a microgrid to the grid?
  - Is there a utility tariff and rate schedule that makes sense for a microgrid?
  - Why did the microgrid cross the road?
Almost all jurisdictions have this in common …

• Regulatory frameworks that are not setup for microgrids …..

• Change is coming, multiple microgrid tariff and grid modernization proceedings

• What to do in the meantime?
Use Existing Building Blocks in a New Way

• Use current regulations for retail power sales, behind-the-meter generation, power distribution, etc.

• Use each for its intended purpose and then combine

• Opportunities to do each in a manner that supports its combination with the others
What have you seen with your project?

Q&A
Thank you

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