

*Cleaner & Greener:
Trends in Renewable Power
Generation*

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Panel

- **Justin Raade**
 - Halotechnics
- **Annemarie Meike**
 - Lawrence Livermore National Laboratory
- **John Kinney**
 - Clean Fund
- **Jeff Hagan**
 - Canaccord Adams



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Demand for Electricity Will Increase

- National population will increase
 - Aging population
 - Geographic population shifts
- State population increase
 - Department of Finance projects
 - An increase of 3 million people (8%) by 2015
 - An increase of 6 million people (17%) by 2020
 - An increase of 17 million people (45%) to 55 million by 2050

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Demand for Electricity Will Increase

- Increasing adoption of technology favors increase in electricity use
- U.S. D.O.E. projects a 35% increase in demand nationwide by 2050

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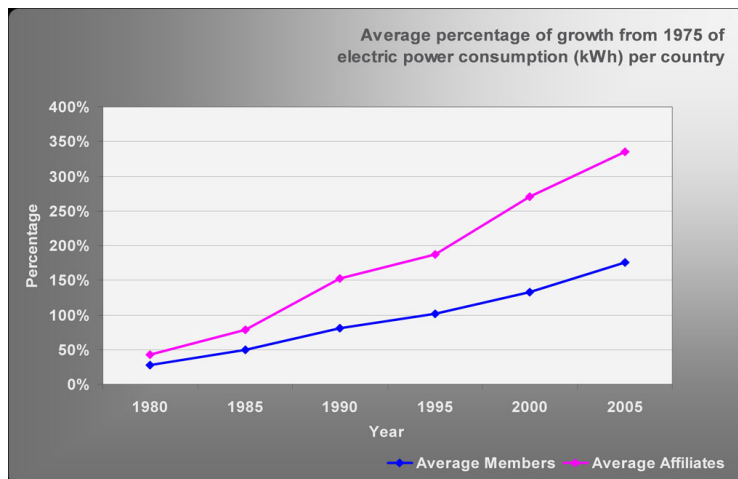
Demand for Electricity Will Increase

- And that's without considering the potential effects of global warming
- Global warming is projected to increase demand and decrease supply

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Worldwide Demand Increases



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New Generation Methods Are Needed

- Proven Technology Comes With Proven Problems
 - Pollution
 - GHG emission
 - Sighting difficulties

Challenges Facing New Technology

- Funding availability
- What Do Angel and VC investors look for?

Additional Challenges

- Competition
- Regulation
- Hostility from Established Utilities

Solutions

- Leverage IP
 - Need to secure IP first
 - Employment agreements
 - Documentation
 - Strategy
 - Don't give it away while seeking partners and/or funding

Alternative Business Models

- Investing in pools of patents to be licensed out
- Alternative financing methods to avoid reliance on immediate cash subsidies

Thank You