

Utah Governor's Energy Summit

May 21, 2015

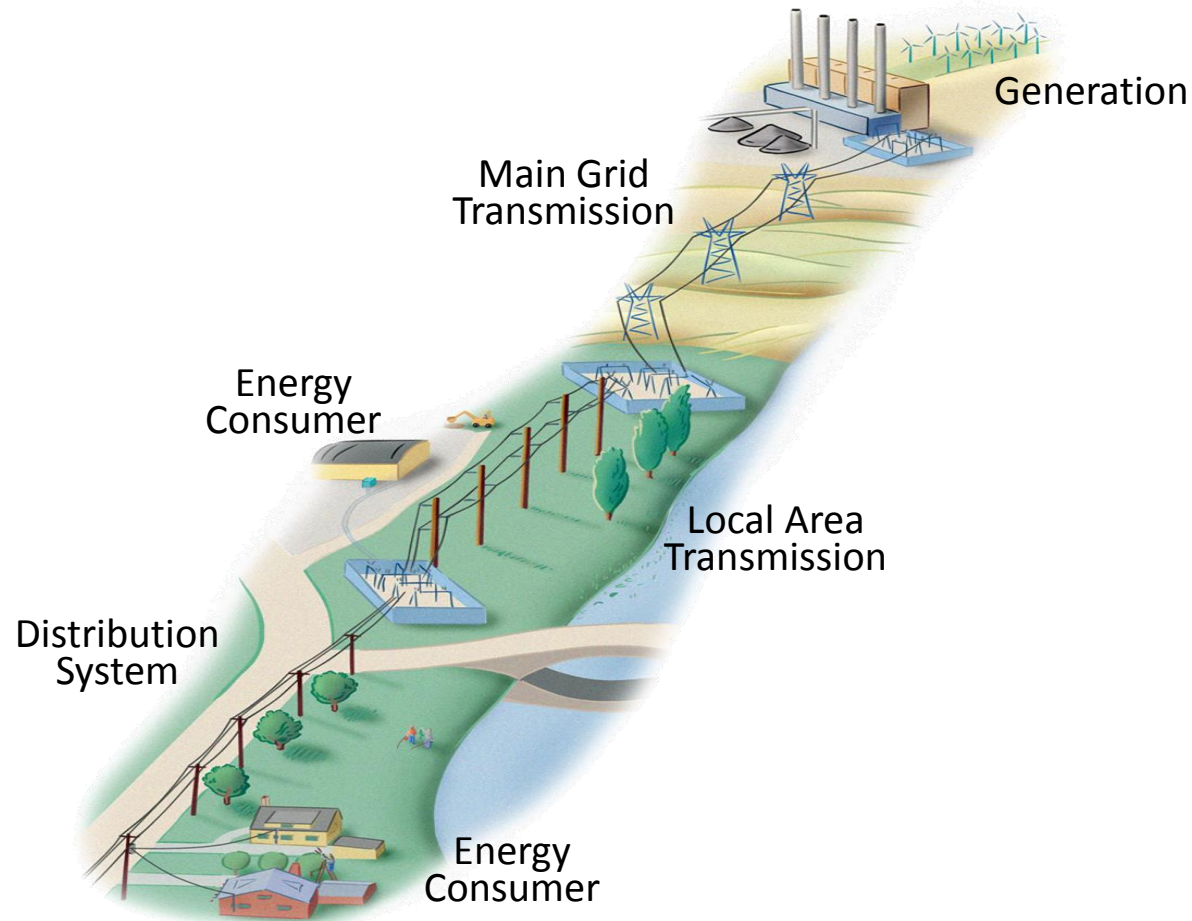
Douglas Marx

Engineering Standards & Smart Grid

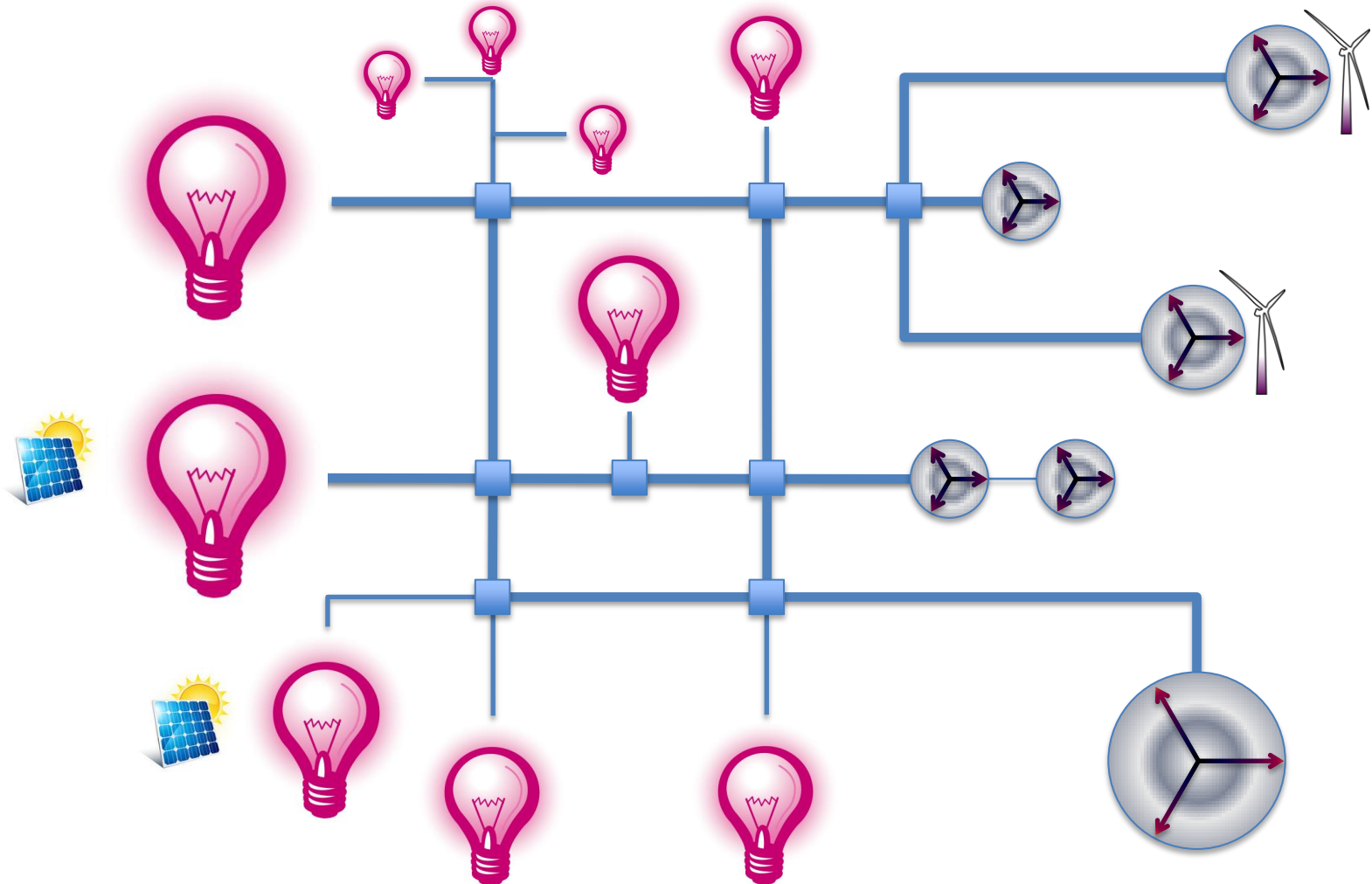


Let's turn the answers on.

Electric Grid Components



The Evolution of the Electric Grid



Challenges and Opportunities

Challenges

- Changing user needs
- Utility adaptation
- Infrastructure
- Operational
- Regulatory

Opportunities

- Customer Service
 - Full needs
 - Partial needs
 - Off grid
- Infrastructure
- Operational
- Regulatory

Future Role of the Electric Utility

- Manage the Grid
 - Reliable and Efficient
- Customer Support
- Generation Resources
- Energy Efficiency
- Metering Services



