



Ben Springer
Energy Futures Coalition



The Electric Utility of the Future

March 27th, 2014

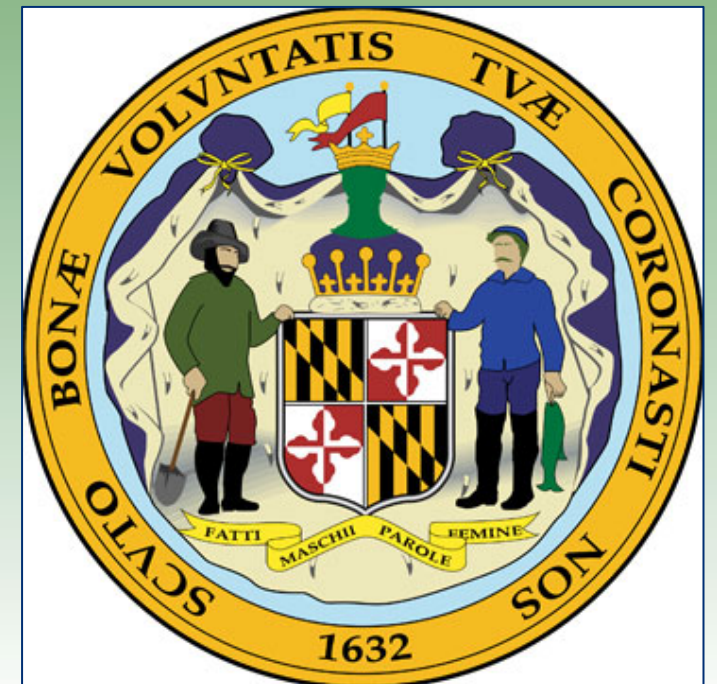
Energy Future Coalition

- Project of the United Nations Foundation
- Born following 9/11 and concern that America's energy future needed to be addressed
- Bi-partisan steering committee
- Focus on “orphan energy issues,” and seek practical, non-partisan policy solutions



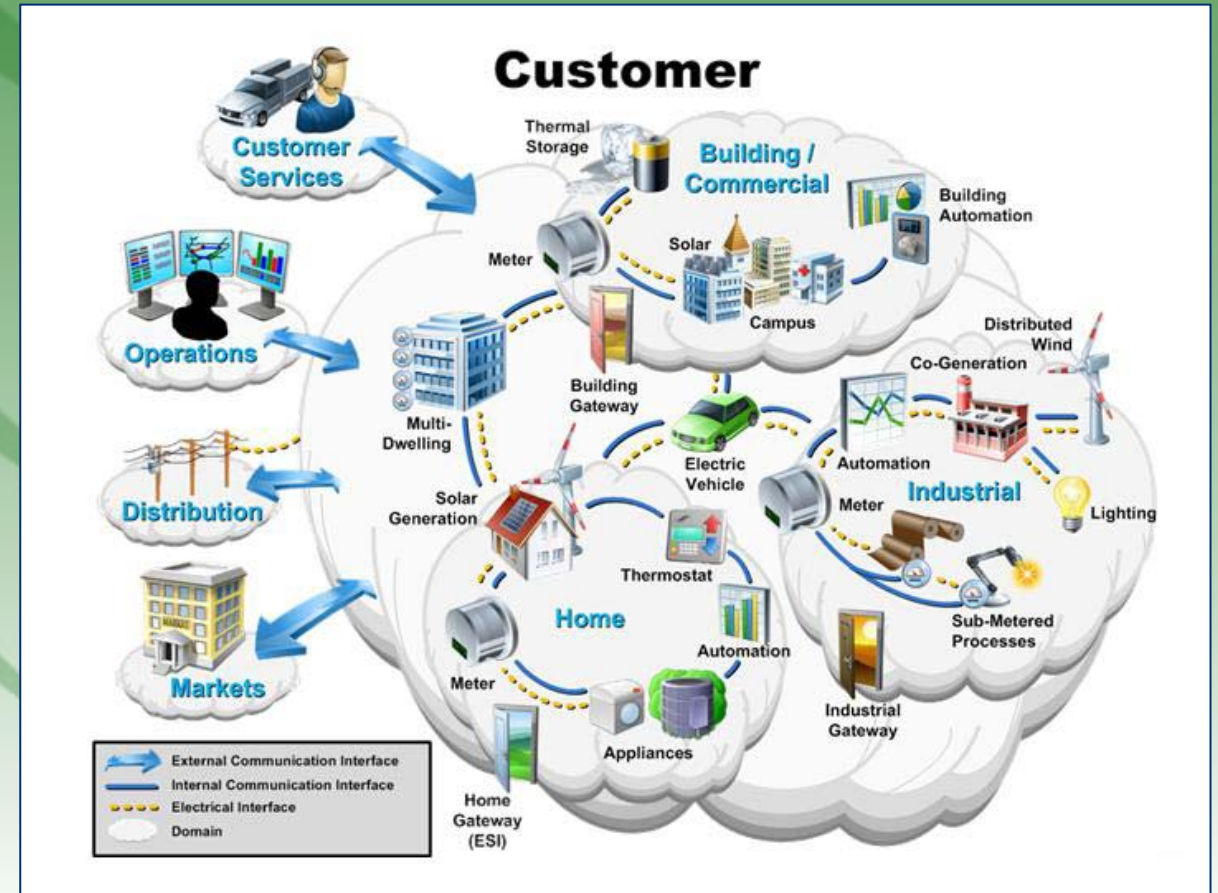
Utility 2.0

- Commissioned by Maryland Governor O'Malley
- Sought to design pilot projects based on six key elements of what the Utility of the Future should include
 - Reliability and resilience
 - Residential customer optionality
 - Large (commercial/industrial) optionality
 - Physical/technological system upgrades
 - Financial viability of utilities
 - Innovative regulatory models



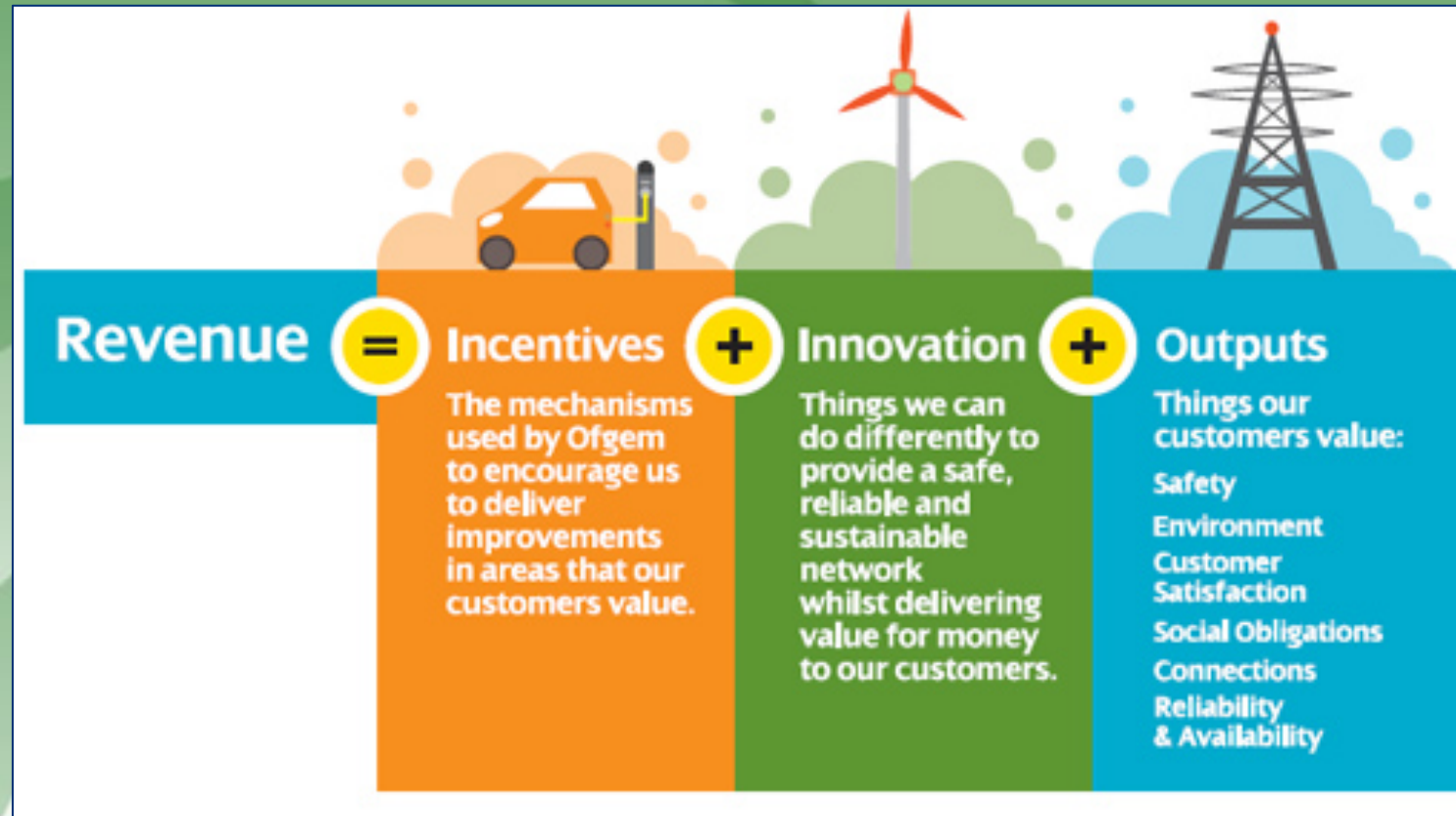
Utility 2.0

1. Aligning utility compensation with customers' changing needs and values
2. Smart grid deployment
3. On-bill financing
4. Creating utility-operated microgrids
5. Electric vehicle integration and utilization



Performance-based Regulation

- Many states have PBR, but metrics tend toward reliability
- OFGEM's RIIO Model; includes bonus ROR band



Utility 2.0's Proposal

- Customer-determined metrics
 - Surveys
 - Geographical aggregation
- +/- 1% rate of return

Top 10 Solar States


Countdown

8 Maryland

A Mover and Shaker, Hon

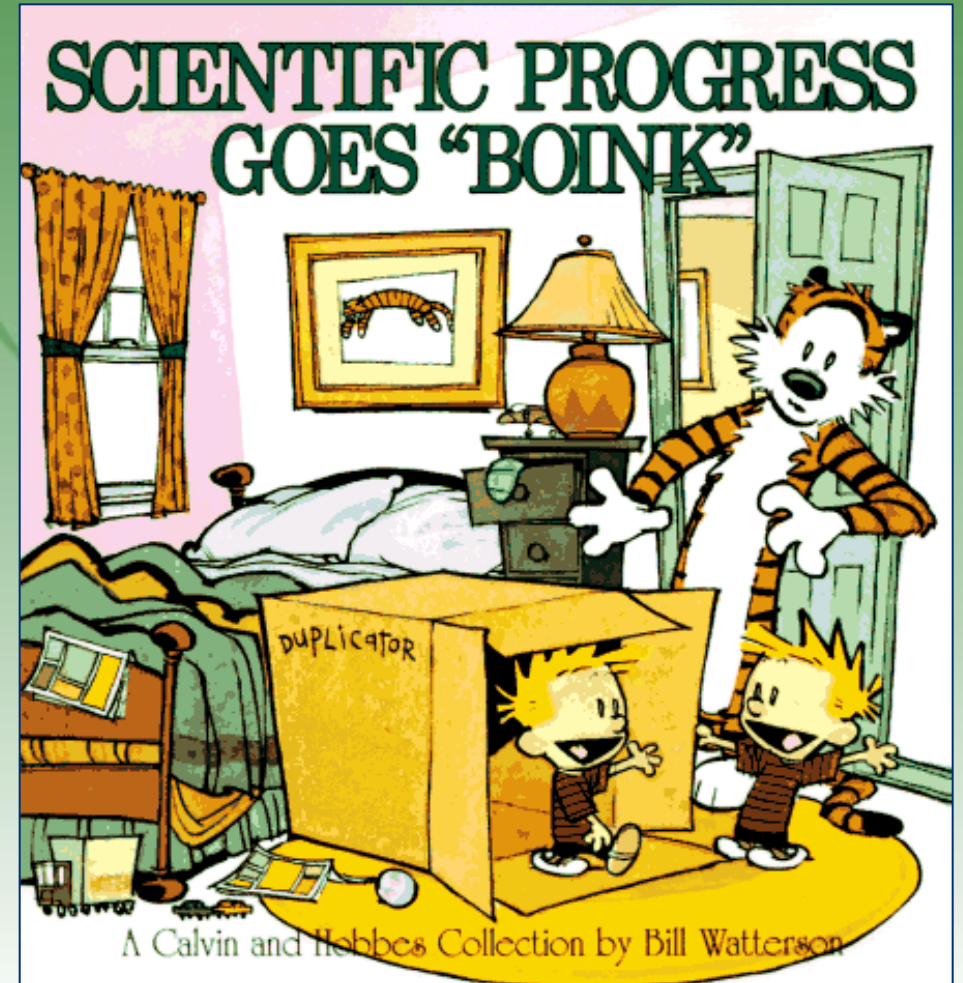
Maryland's solar industry is even bigger than its famous crab industry.

74.3 MW installed in 2012
Has enough to power **11,000** homes.

Learn more: SEIA.org/smi 

Anticipated Outcomes

- More engaged customer base
- More customer-focused utilities
- Initiation of electric services transition/integration



Mahalo!

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