

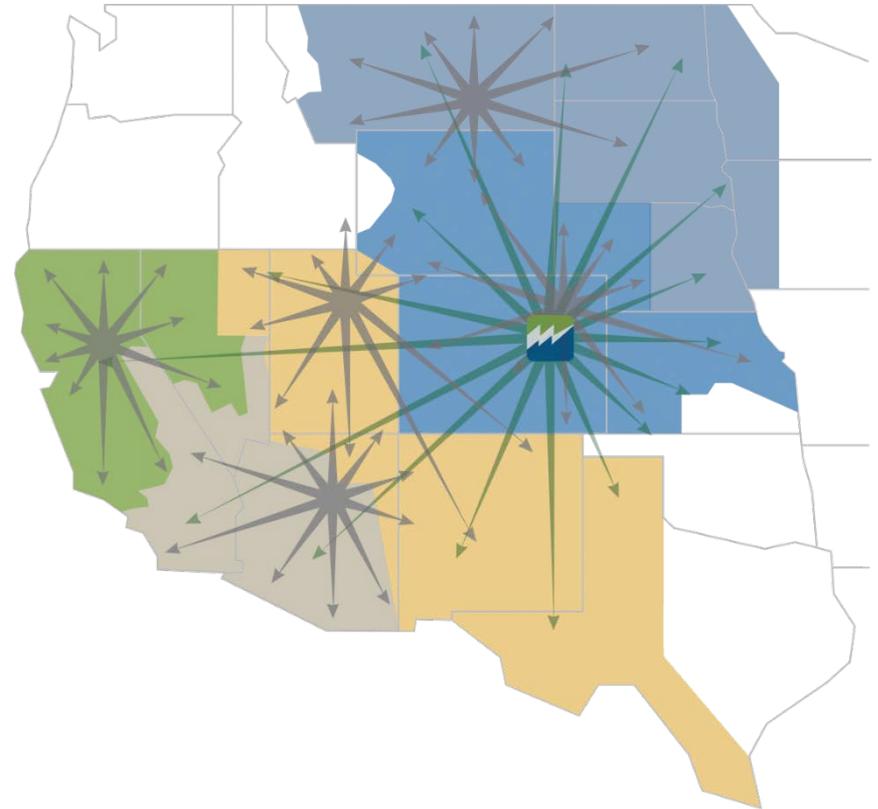
The kilowatt-hour is dead; don't send flowers

WRP Energy Committee webinar
May 17, 2019

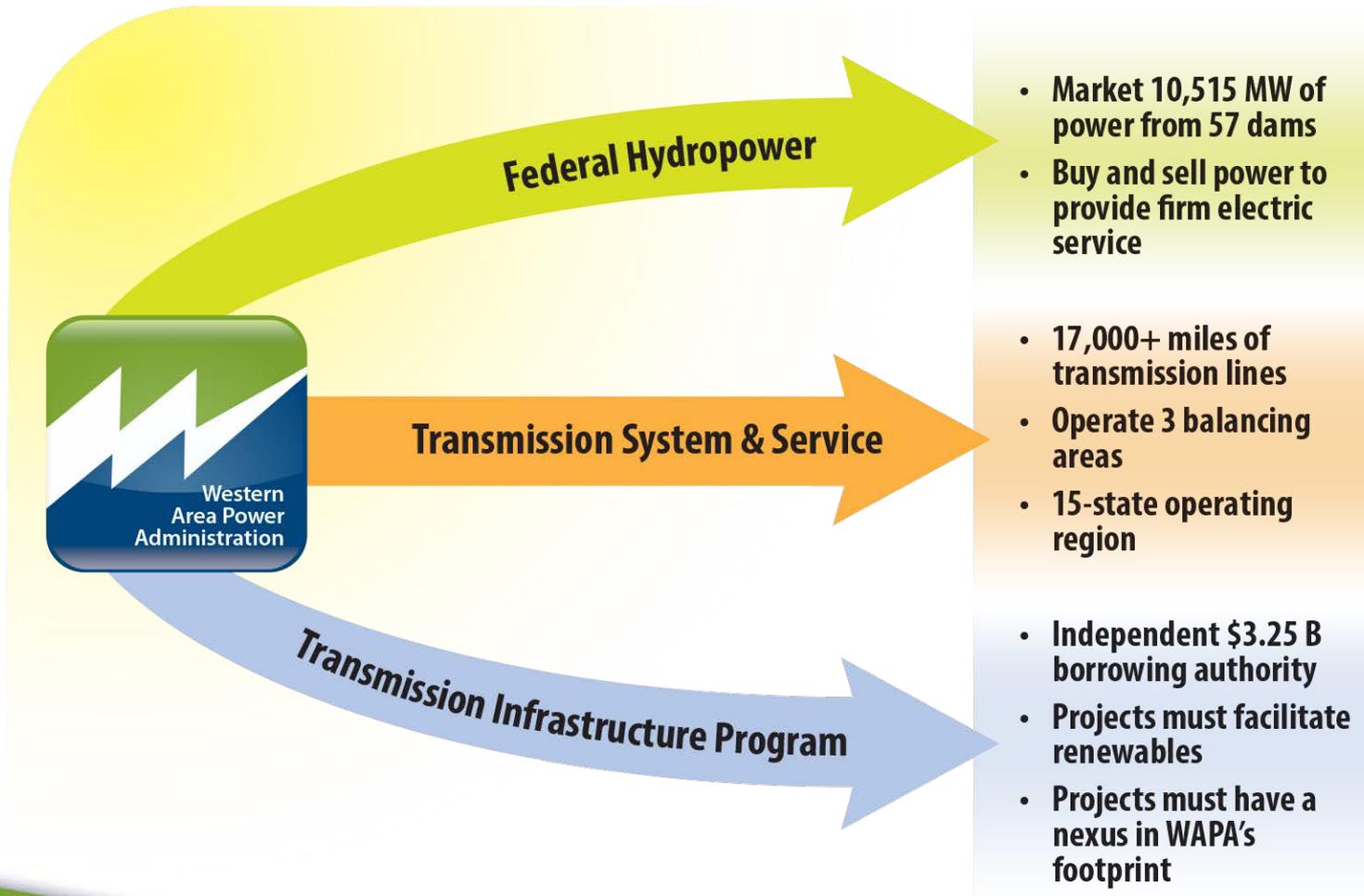
Mark A. Gabriel
Administrator and CEO

Who we are

- Serve 40 million Americans
- 15-state footprint
- 1.4 million square miles
- 49 offices
- ~700 customers
- Top-10 largest transmission utility in country



What we do



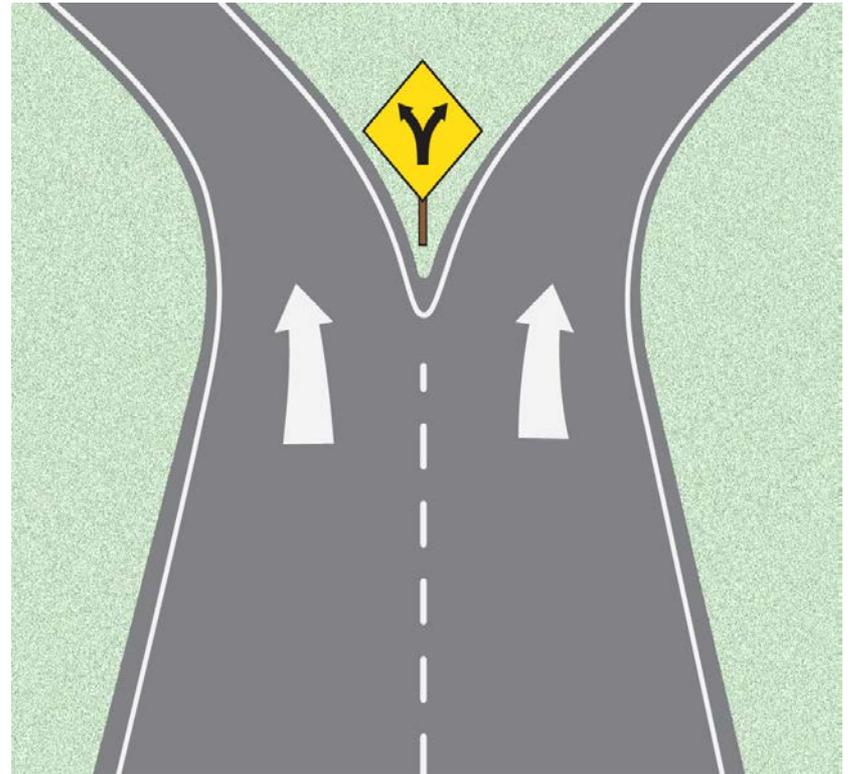
Key issues

- Cyber and physical
- Asset management
- Lifecycle management
- Capital planning
- Markets

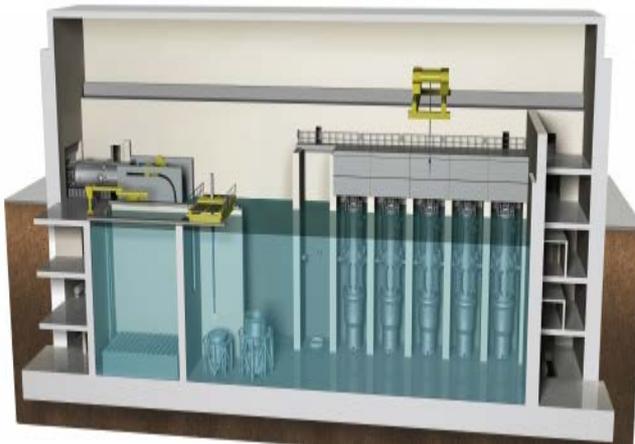


Challenges in the energy frontier

- Aging infrastructure
- Increased regulation
- Intermittent resources
- Varying hydropower production
- More customer-side resources
- Changing markets
- Security



Preparing for the future



USVI solar farm post hurricane

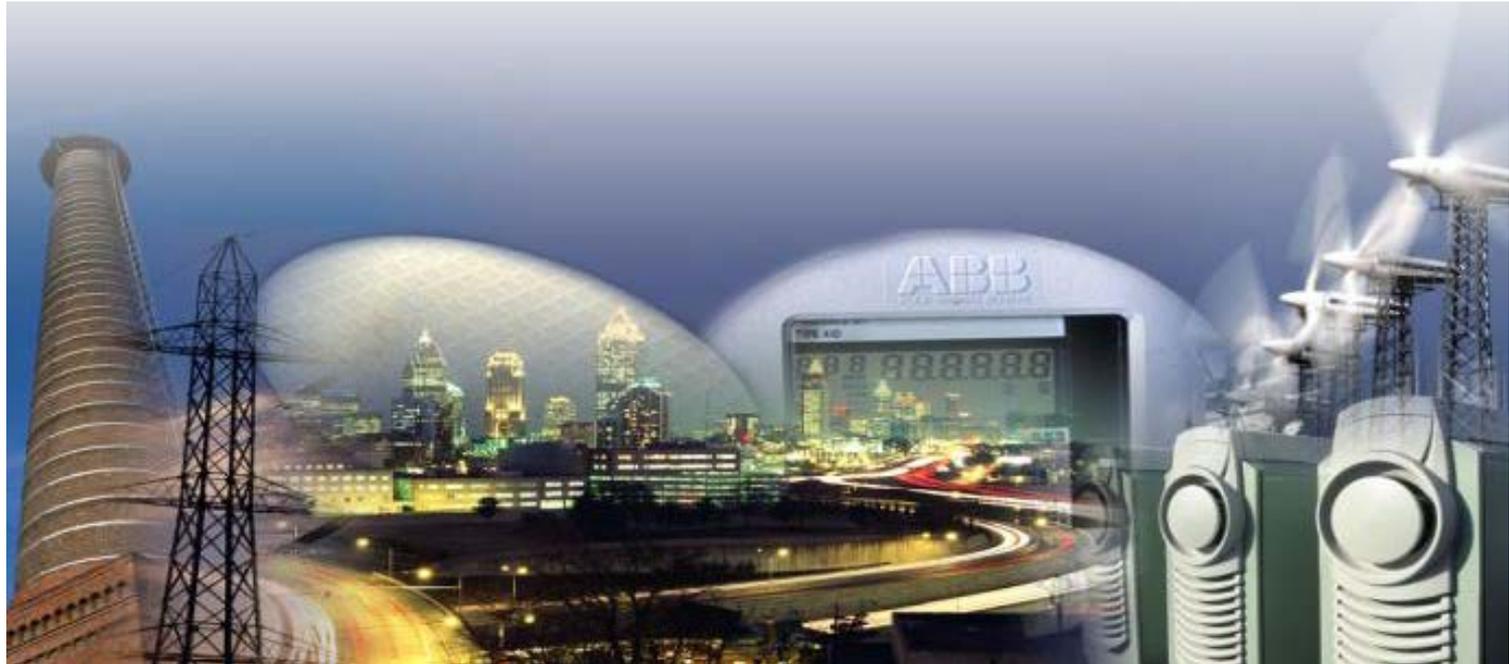


Societal changes

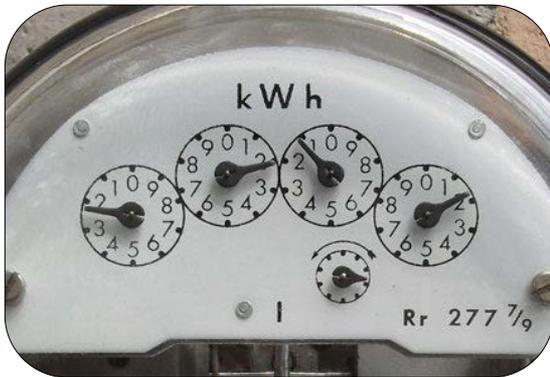


Fundamental change

The challenge for the utility of today is not only what is real but what is perceived as real.



Radical thoughts



The kilowatt-hour
is dead



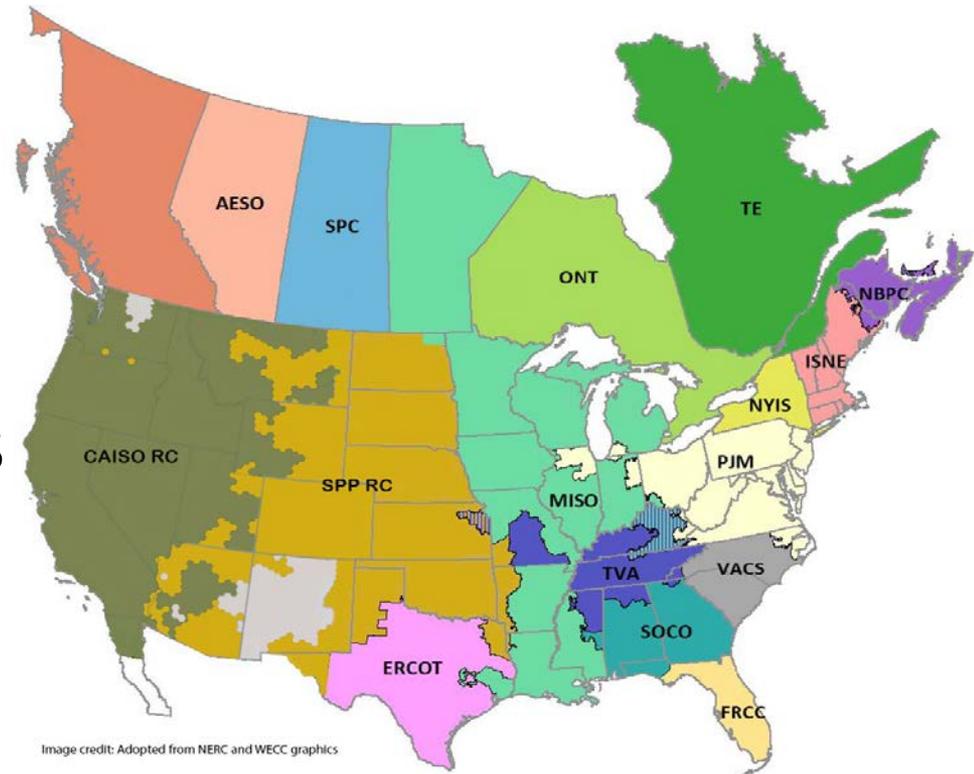
Time-of-purchase
vs. time-of-use



All-you-can-eat
energy

Markets update

- Continuing conversations on the future of markets
- Organizational Approach to Markets
- Reliability coordinator transition



Shared Integrated Grid



Contact/follow me

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