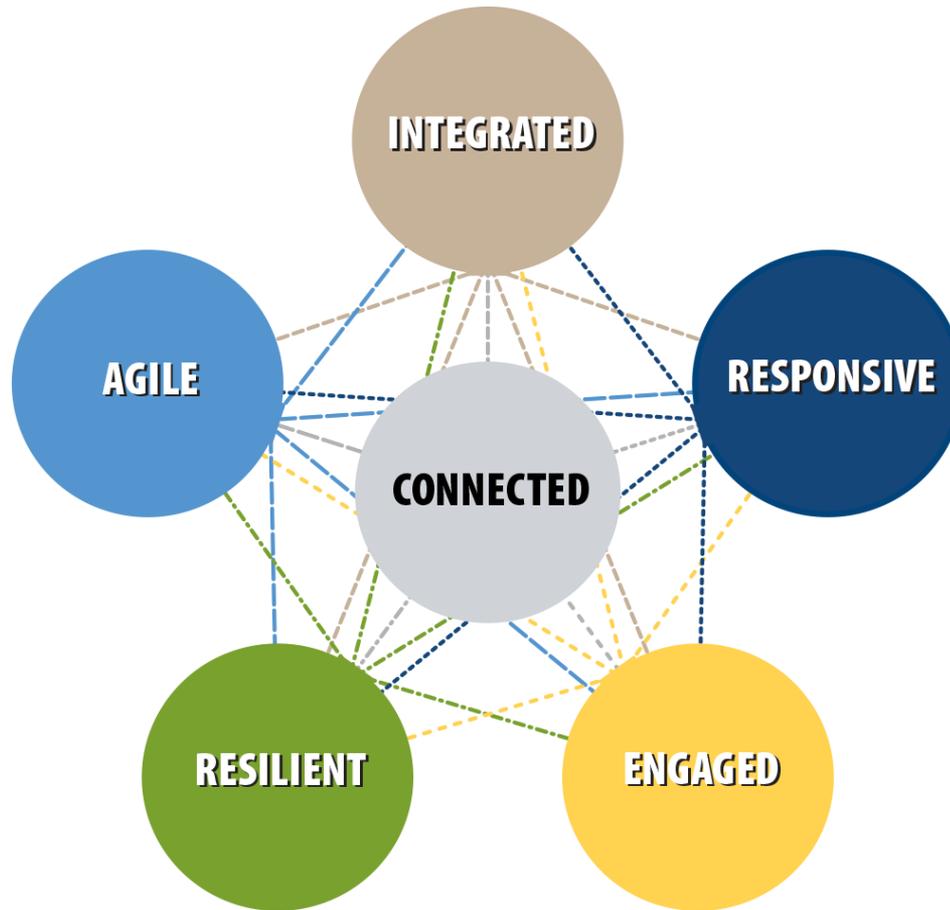


# Investing in a connected future

Heartland Consumers Power District annual meeting  
May 9, 2019 | Madison, SD

Mark A. Gabriel  
Administrator and CEO

# A connected WAPA



# Mission breakout

## RELIABILITY

651  
people

and

28  
percent

of dollars invested  
in maintenance  
and related areas



## DELIVERY

334  
people

and

22  
percent

of dollars dedicated  
to power operations  
and engineering areas



## MARKETING

including purchase power  
and wheeling

158  
people

and

42  
percent

of dollars committed  
to power marketing areas



## COST-BASED

and related services

298  
people

and

8  
percent

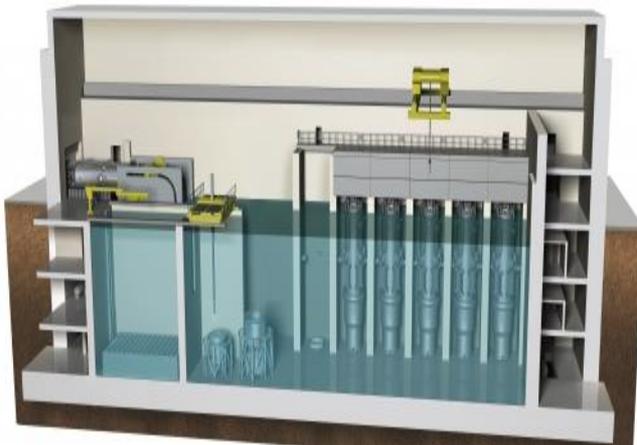
of dollars applied to  
support the mission



# Pick-Sloan composite rate projection

WAPA project	Long-term composite rate (weighted average) \$/MWh	Average long-term market-based electricity prices \$/MWh
Loveland Area	31.44	63.72-76.30
Pick-Sloan	24.00	35.26-66.60

# Preparing for the future



# Shared Integrated Grid



# Connected world



# Latest wind record

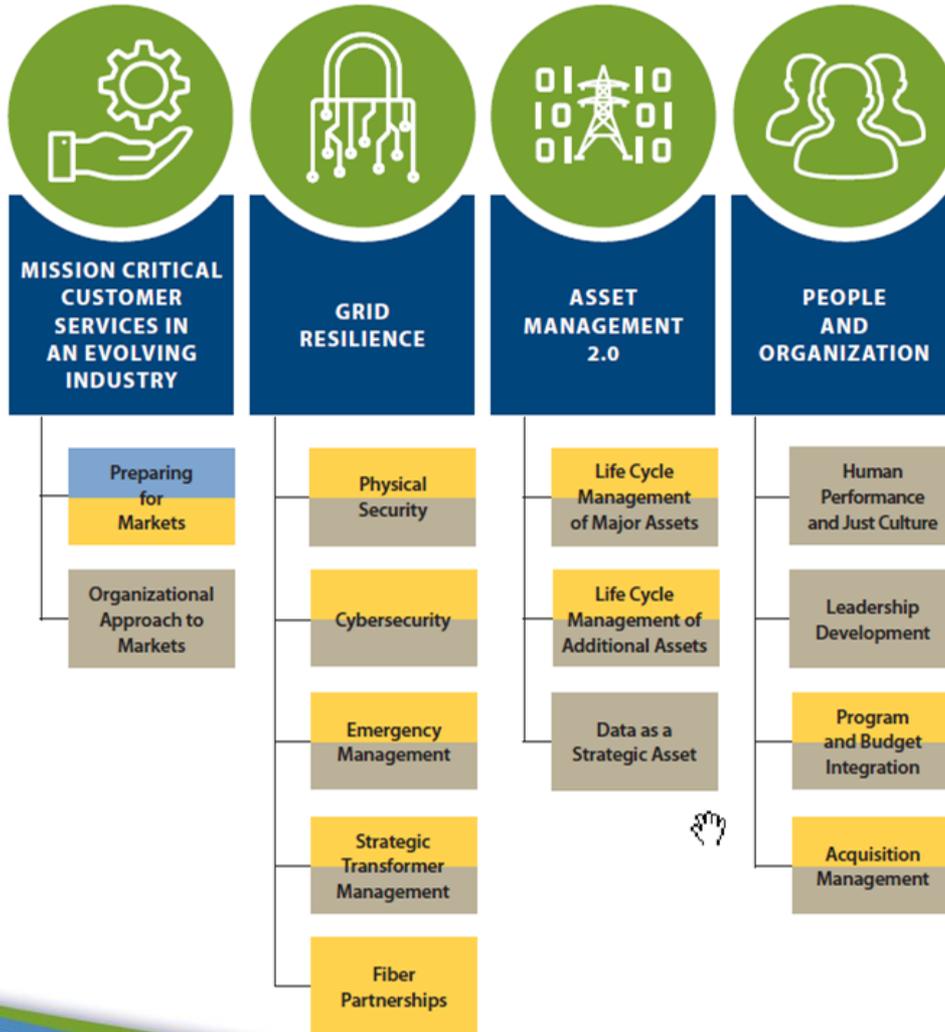


# Tactical Action Plan & Roadmap

- Third TAP since 2014
- Activities & areas of focus for 2-3 years to progress along Roadmap
- Basis of annual performance targets



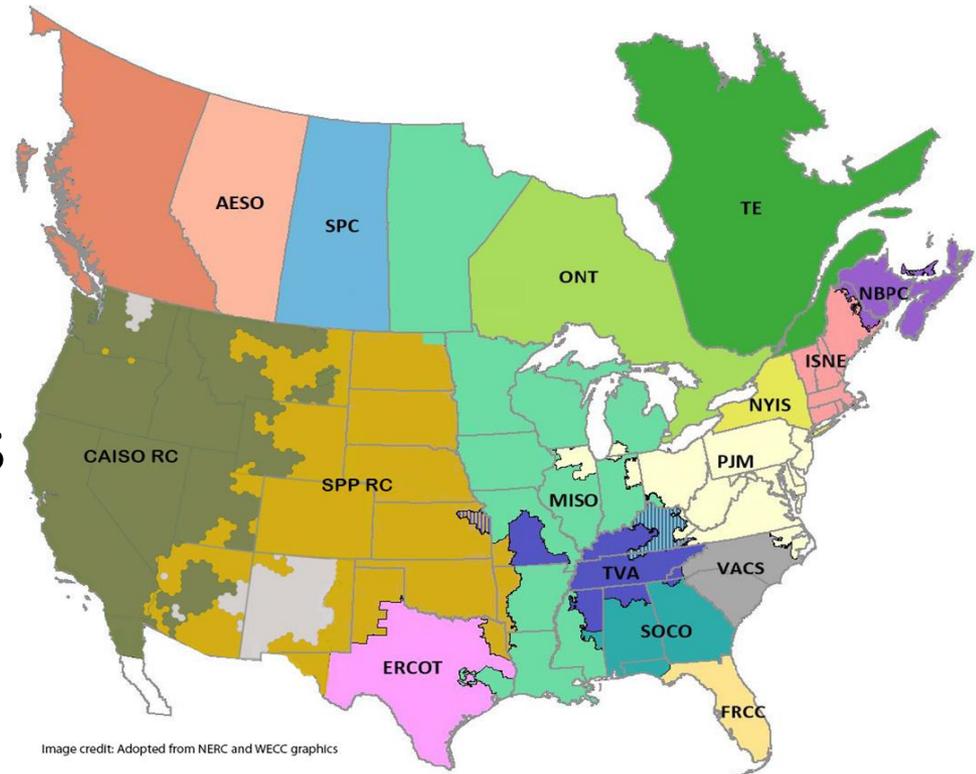
# 2019 Tactical Action Plan



- Evolution of Services
- Mutually Beneficial Partnerships
- Business, Technology and Organizational Excellence

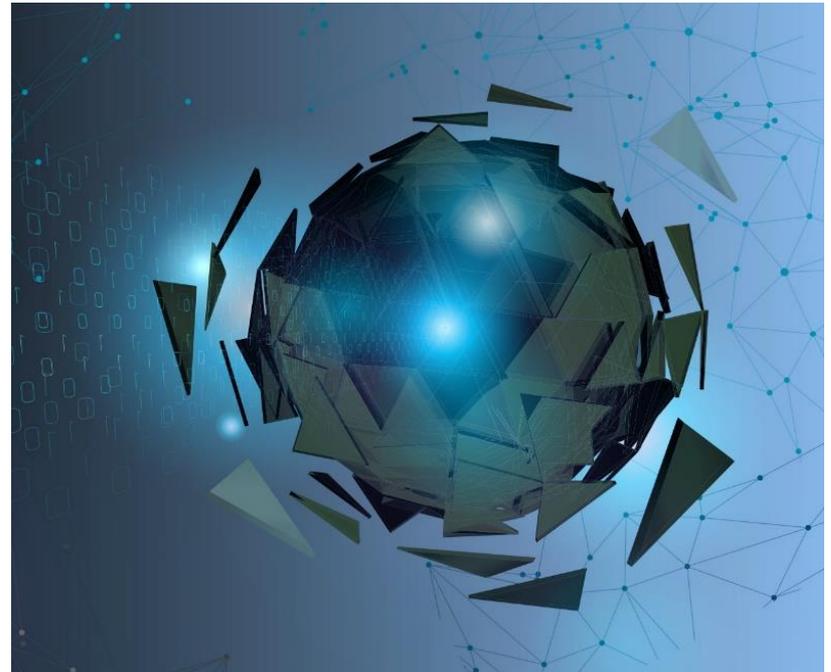
# Mission critical services

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



# Grid Resilience

- Increasing regulations
- Internet of Things
- OT/IT convergence
- Asset management nexus
- “Smart” technology
- Continuing communications



# Grid Resilience



# Asset Management 2.0



# People and Organization

- Human Performance and Just Culture
- Leadership development
- Program and budget integration
- Acquisition management



# The Source

- Posted FY 2018 data Jan. 31
  - Rates and sales data by power system
  - Federal FTE equivalents
  - Expenditures
  - Capital investments by project
  - Reserve funding balances matrix



# American Broadband Initiative

## Assess viability of leasing DOE dark fiber

- **April:** Complete feasibility assessment plan
- **December:** Complete the feasibility assessment



# How we are responding

- **To date**
  - Established Fiber Optic Partnerships feasibility assessment team
  - Submitted Feasibility Assessment plan to DOE
- **May:** Develop regionally-based customer outreach
- **June-September:** Regional customer outreach
- **Dec. 11:** Submit Feasibility Assessment to DOE
- Report progress quarterly using performance metrics

# Contact/follow me

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*Fort Randall Dam  
Courtesy of USACE*