Western Area Power Administration

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What is WAPA?

Western Area Power Administration
Part of DOE

- One of four Power Marketing Administration’s under DOE
- Wholesale electricity supplier
- Nearly 700 customers
- Customers, in turn, serve 40 million Americans in the West
Power Marketing Administration

Western Area Power Administration
WAPA’s history

- Reclamation Act of 1902
- Economy Act
- Flood Control Act of 1944
- DOE Act
In the West

- Balancing and distributed across large footprint
- 4 regions
- 1 Management Center
- 15-state footprint
- Top 10 largest transmission utility in country
Three lines of business

Federal Hydropower
- Market 10,503 MW of power from 56 dams
- Buy and sell power to provide firm electric service

Transmission System & Service
- 17,000+ miles of transmission lines
- Operate 3 balancing areas
- 15-state operating region

Transmission Infrastructure Program
- Separate $3.25 B borrowing authority
- Projects must facilitate renewables
- Projects must have a terminus in WAPA’s footprint
Customer focused

• Nearly 700 customers
  – Cities and towns
  – Rural electric cooperatives
  – Irrigation districts
  – Public power districts
  – Federal and state agencies
  – Native American tribes
• Preference entities under the 1939 Reclamation Reform Act
Our power comes from:

- Hydroelectric energy produced at federal generating agencies
- Multipurpose projects
- Variable water availability
WAPA’s hydropower projects

- Power marketed on a project-specific basis
- Marketing plans developed through public processes
- Normally consist of:
  - Marketing criteria
  - How power is sold
  - Allocation criteria
  - Who receives power
  - No total load requirement
Our role in providing energy

- Market clean hydropower
- Transmit it to customers
- Control parts of the energy grid
- Manage interties
- Provide open access to transmission
Change brings challenges

- Intermittent resources
- Decreased hydro production
- More customer side resources
- Changing markets
Volatility in the current resource mix
What are we doing about it?

- **Formulation:** Focus on direction
  - Markets
  - Key Stakeholders
  - Customers
  - Regulations
  - Industry Analysis
  - Accountability
- **Roadmap**
  - Strategic Planning
  - Continuous Process Improvement
  - Strategic Change
  - Workforce Planning
  - Organizational Excellence
  - Measurement and Monitoring
- **Alignment:** Focus on people and change
  - Assessment/Measurement
  - Entitlement Risk
  - Performance Risk
  - Enterprise Risk
- **Execution:** Focus on performance

Western Area Power Administration
Key Takeaways...

Focus on value and business excellence. 
Be aware of industry trends and changes. 
Continue delivering on mission.