WAPA: Who we are and what we do
Oakridge National Laboratory

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What is WAPA?
Part of DOE

- One of four PMAs under DOE
- Wholesale electricity supplier
- More than 700 customers
- Customers serve 40 million Americans in the West
Power Marketing Administrations

- BPA
- WAPA
- SWPA
- SEPA
In the West

• Balancing distributed and broad system
• Four regions
• One 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
- Separate $3.25 B borrowing authority
- Projects must facilitate renewables
- Projects must have a terminus in WAPA’s footprint

Transmission Infrastructure Program
Strategic Roadmap 2024

Mission
Market and deliver clean, renewable, reliable, cost-based Federal hydroelectric power and related services

Powering the Energy Frontier

Evolution of Services

Mutually Beneficial Partnerships

Business, Technology and Organizational Excellence

2014  2016  2018  2020  2022  2024
WAPAs’s history

- Reclamation Act of 1902
- Economy Act

- Flood Control Act of 1944
- DOE Act
Customer focused

• More than 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
The power grid
WAPA’s services

- Firm electric
- Energy management and marketing
- Energy and resource planning
- Transmission
- Interconnection
- Ancillary
Contracting Services

• Provisions under the Economy Act
  • Navy-Sempra
    • Long-term solar contract to help meet Navy’s one gigawatt renewable goal

• Warren Air Force Base
  • Provide forecasting and scheduling services

• Kirtland-Sandia
  • All requirements provider for AFB and co-located National Lab
UAMPS MOU

• Assisting UAMPS with contacting DOD and other federal facilities
• Long history with several Air Force bases, defense depots, and two DOE labs
• General response is supportive of concept
• Generally not interested due to current mandate
  • Least cost resource
Contact/follow us

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Western Area Power Administration

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