

BPA OVERVIEW

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PROFILE

- BPA (a component of the U.S. Department of Energy) is a nonprofit and self-funded federal power marketing administration in the Pacific Northwest.
- Congress created BPA in 1937 to deliver and sell the power from Bonneville Dam.
- BPA now markets wholesale electrical power from 31 federal hydroelectric dams in the Northwest, one nonfederal nuclear plant and several small nonfederal power plants.

THE BUSINESS OF BPA

BUSINESS



TRANSMISSION SERVICES



POWER SERVICES



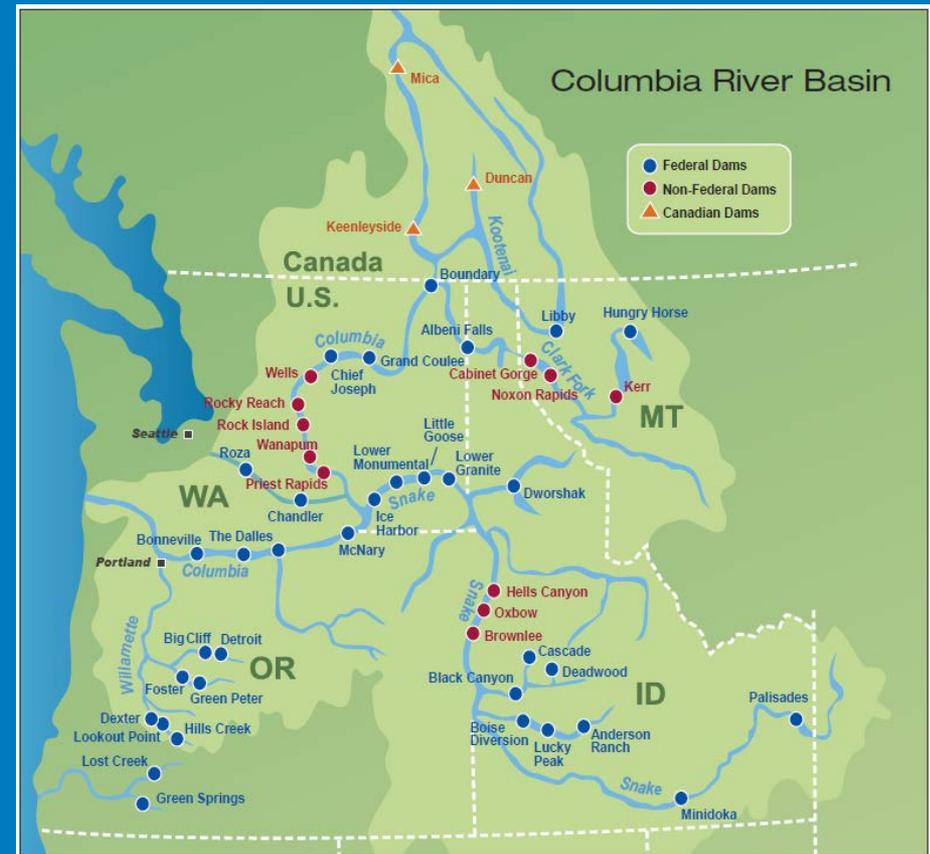
ENERGY EFFICIENCY



ENVIRONMENT, FISH AND WILDLIFE

THE BASICS

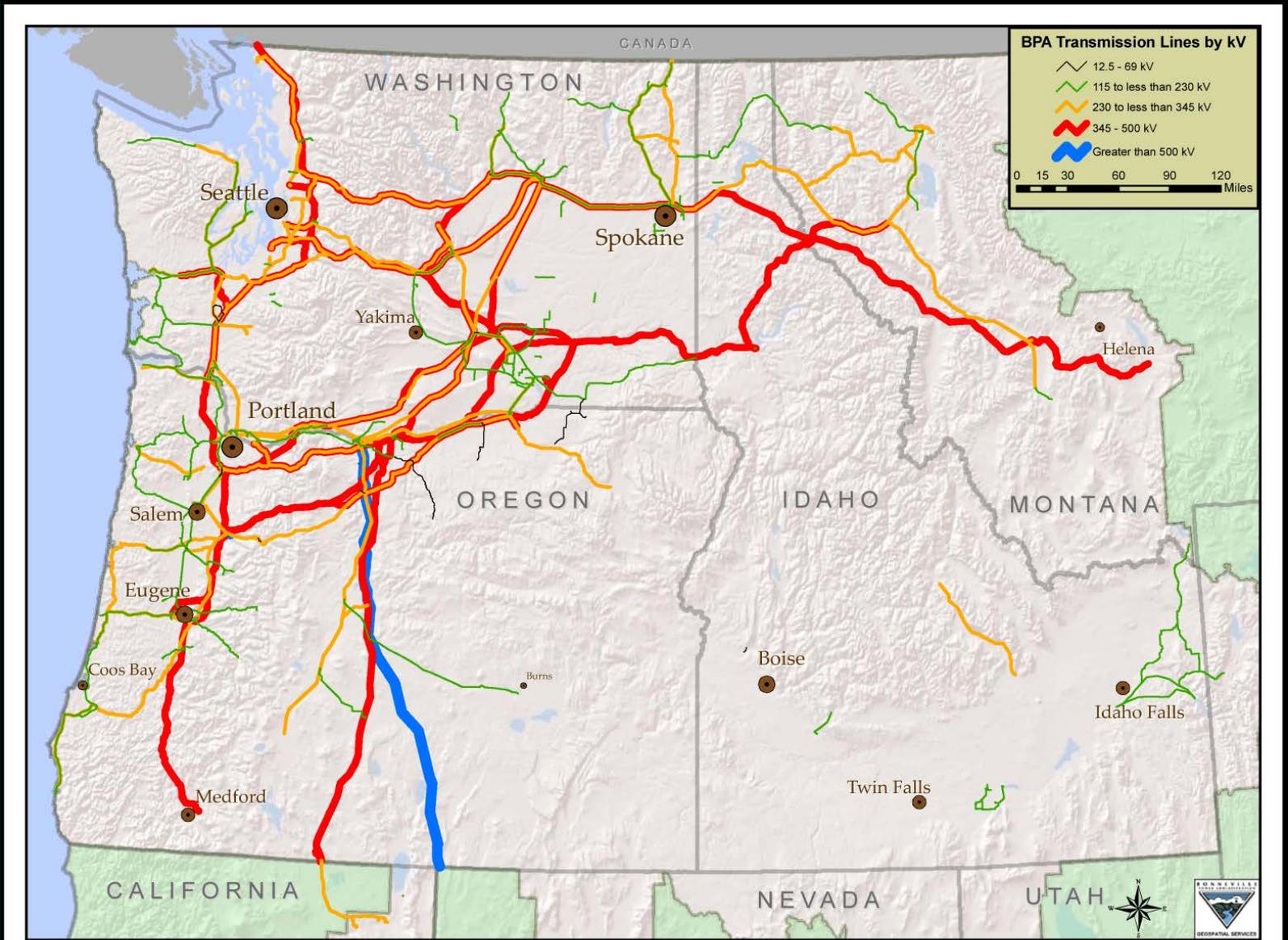
- ❑ Our service territory is 300,000 square miles across Oregon, Washington, Idaho, Montana and sections of Utah, Wyoming, Nevada, and California.
- ❑ More than 85% of the power BPA sells is hydroelectric. That water comes from the Columbia and Snake River basins, including a portion of Canada.
- ❑ BPA accounts for about 27% of the electric power consumed within the region.
- ❑ 2,793 Federal FTE employees



TRANSMISSION

- ❑ BPA owns and operates more than half of the Pacific Northwest's high voltage electrical transmission.
- ❑ BPA's system includes more than 285 substations.
- ❑ The transmission system enables a peak loading of about 30,000 megawatts and generates more than \$1.1 billion total revenue (minus expenses net revenues last year totaled \$140 million).
- ❑ BPA's Transmission Business Line operates as a non-jurisdictional entity with an Open Access Transmission Tariff based on FERC's pro-forma tariff.





FIRE & Vegetation

Fuel + Source of Ignition = Fire

- Reduce fuel load in corridors & access roads
- Regulatory Requirements only set a minimum
- Low growing plant communities
- Clearing brush 50' around structures
- Bare ground herbicides 5' around structures
- Best in class utility in North America

FIRE & Assets

Fuel + **Source of Ignition** = Fire

- Extensive asset analysis – hardware
- System of Record Data PLUS Subject Matter Experts
- Risk based prioritization
- Operational Protocols
- Weather Alerts
- Asset replacement strategies & Technology

FIRE & What's Next

- ❑ Heightened awareness of the fire risks associated with transmission equipment
- ❑ Climate change is increasing the frequency and intensity of wildfires in the region
- ❑ Come together as a community, as an industry
- ❑ Identify, Take Action, Share, Improve



Thank You

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B O N N E V I L L E P O W E R A D M I N I S T R A T I O N

