

# Fiber Optic Partnerships Working Group Meeting

May 20, 2019

# Welcome & Introductions

- Agenda
  - Introductions
    - Discussion Format



## WAPA fiber and partnerships for grid resilience

- *Over 20 years of utility fiber planning, installation and maintenance*
- *Installed more than 5,000 miles of fiber across WAPA*
- *Partnerships crafted for mutual benefit*
- *Agreements reflect specific project & regional needs*
- *Opportunity: WAPA-wide best practices*



## Fiber Partnerships

Explore additional opportunities to use WAPA's fiber assets.

*WAPA will explore leveraging its fiber assets to:*

- *Improve its communication capacity to support current and future technologies.*
- *Improve support to customers.*
- *Support grid resilience with the Departments of Energy and Defense.*
- *Support the Presidential Broadband Initiative.*

# Fiber Optic Partnerships Background

## American Broadband Initiative Report



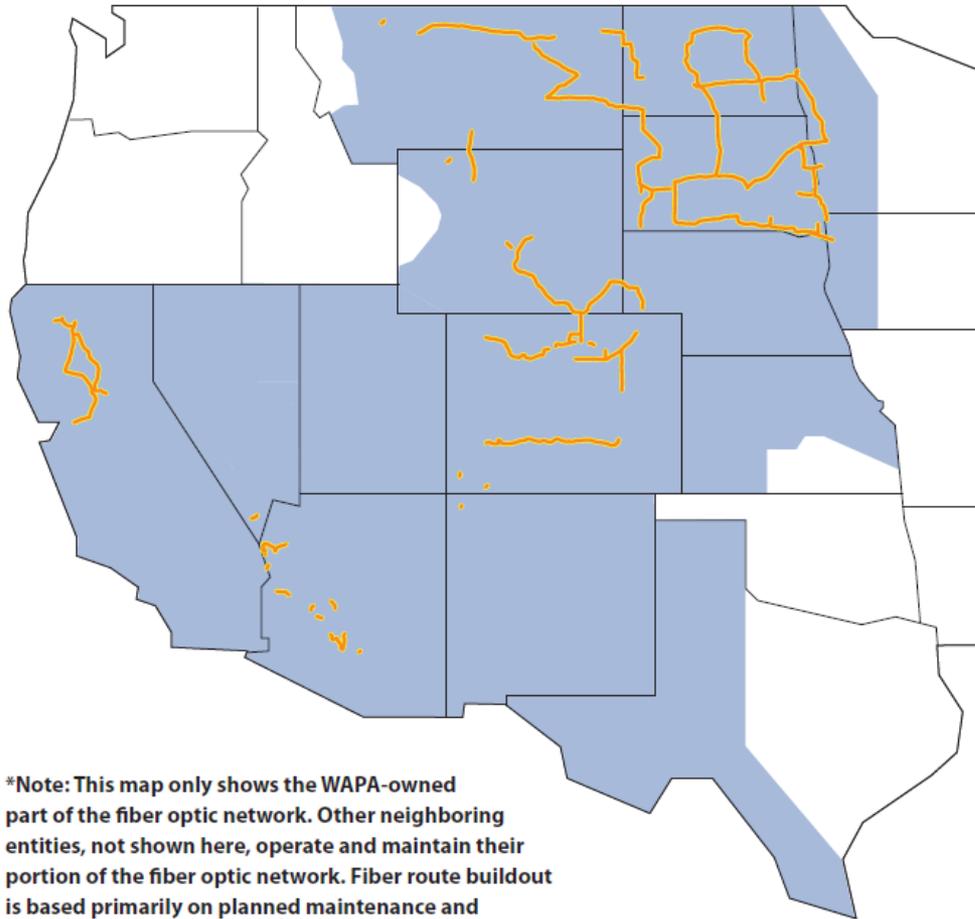
by Dept of Commerce, National Telecommunications Information Administration

*Assess Viability of Leasing DOE Dark Fiber - By April 2019, the Western Area Power Administration (WAPA) and Southwestern Area Power Administration (SWPA) in consultation with the Department of Energy Office of Electricity, will complete a feasibility assessment plan to determine if WAPA and SWPA excess fiber can be leased to their customers and broadband service providers. By December 2019, WAPA and SWPA will complete the feasibility assessment.*

[https://www.ntia.doc.gov/files/ntia/publications/american\\_broadband\\_initiative\\_milestones\\_report.pdf](https://www.ntia.doc.gov/files/ntia/publications/american_broadband_initiative_milestones_report.pdf)

# Fiber Optic Partnerships

WAPA-Owned Fiber Optic Lines



**\*Note: This map only shows the WAPA-owned part of the fiber optic network. Other neighboring entities, not shown here, operate and maintain their portion of the fiber optic network. Fiber route buildout is based primarily on planned maintenance and replacements to minimize cost.**

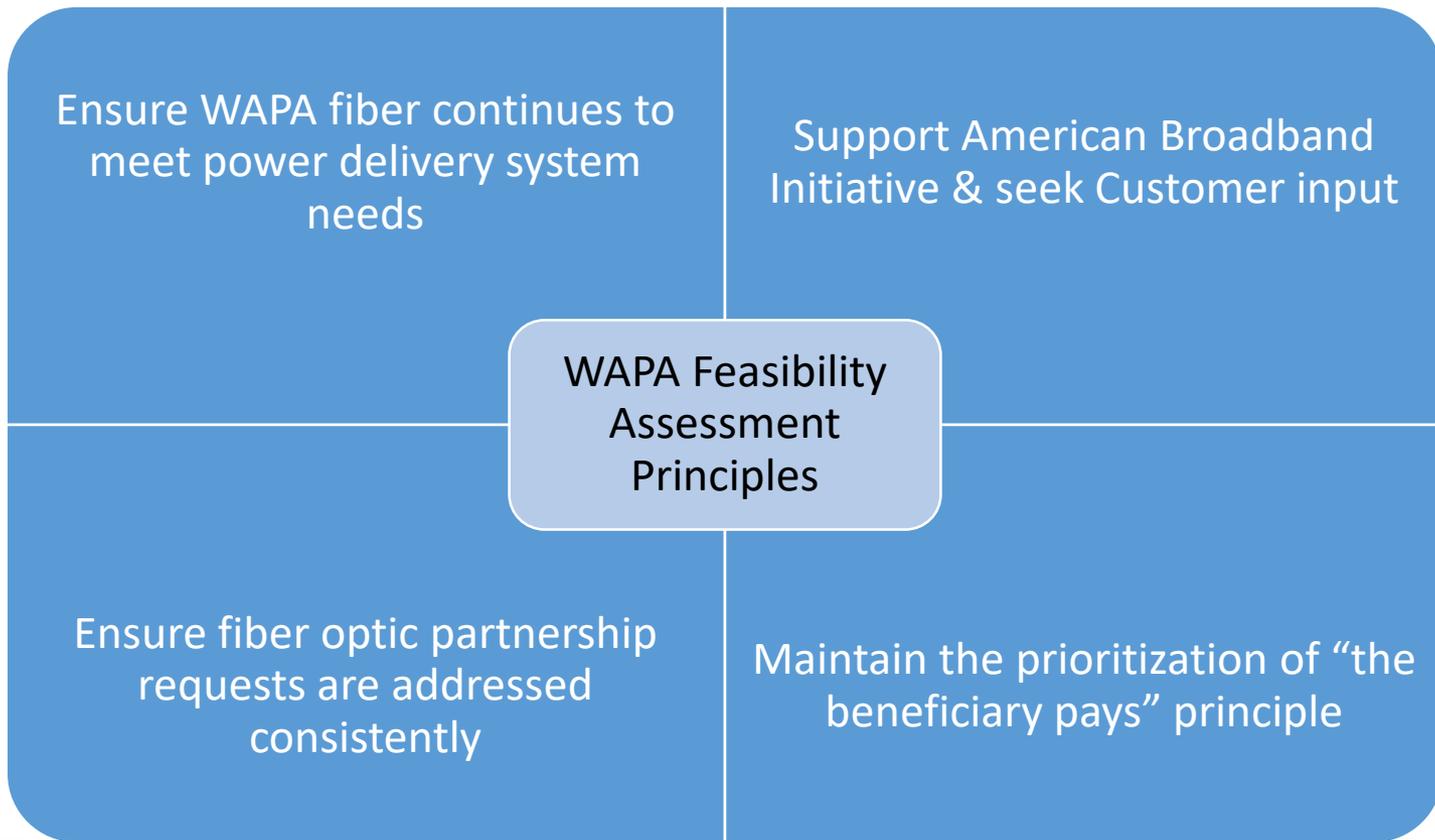
# Fiber Optic Partnerships Overview



# Feasibility Assessment Elements



# Fiber Optic Partnerships Feasibility Assessment



# Fiber Optic Partnerships Timeline



# Fiber Optic Partnership Customer Information

- For Fiber Optic Partnership reference materials and information <https://www.wapa.gov/About/keytopics/Pages/fiber-feasibility-assessment.aspx>
- Fiber Feasibility Assessment Senior Sponsor: Kevin Howard
- Fiber Feasibility Assessment Project Manager: Kirsten McClure

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