Presentation objectives

• Inform on the progress of schools broadband upgrades

• Connect school broadband upgrades to broadband statewide

• Encourage partnerships and coordination:
  • Schools & Libraries (~80% E-rate)
  • Telehealth (~65% HealthcareConnect if eligible)
  • Economic development
  • Higher Ed: Education & Research
  • Municipalities
  • Government

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.
Introductions

• PSFA – Project management

• Broadband Deficiencies Correction Program (SB 159)
  • Provides funding for K12 E-rate match (infrastructure)

• BDCP Team

• BDCP Partners:
  • Governor’s office, PED, DoIT, ESH
  • TeleHealth Alliance
  • HigherEd
  • Tribal
  • Others

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.
High-Level View

As displayed below, broadband originates from Internet Service Providers (ISP), is distributed to districts/schools and then reaches students via end-user devices. The green area is covered by the BDCP.

Partnering with New Mexico's communities to provide quality, sustainable school facilities for our students and educators.
State matching can reduce costs even further

If the state funds up to 10% of the cost for a school’s fiber build, then the FCC will match.

Cost to connect a school in district ABC to fiber: $100,000
- E-rate discount for ABC (80%): $80,000
- New Mexico funds 10% of the build: $10,000
- FCC matches New Mexico’s 10%: $10,000

Remaining costs to district ABC: $0
2016 - Results

1. Fiber upgrades ~ 60 schools (Approximately 300 Miles)
   - Major fiber projects

2. Network equipment and WiFi upgrades ~ 260 schools

3. 30 Infrastructure projects approved by E-rate & PSCOC

4. ~$30M in infrastructure upgrades with less than $4M in state (PSCOC) and schools funding
2016 - Results

E-Rate Funding Requests ($)
91% '15/'16 increase

[Graph showing E-Rate Funding Requests from 2011 to 2016, with a significant increase in 2016 compared to 2015.]
2017 & 2018

1. State funding availability:
   • $15M state matching funds

2. Wide Area Network (WAN) connections:
   • RFPs posted: Los Lunas, Gallup, APS, Santa Fe, TorC, Pecos, Las Vegas, Loving, Silver City…..

3. Network equipment and WiFi upgrades:
   • Coordinating projects for 2017

4. Pilot projects for other funding sources (USDA, grants)
2017 E-rate timeline

- **1/9/2017**: Procurement
  - Post Form 470
  - Post RFP

- **2/27/2017 - 5/11/2017**: Form 471 Posting window
  - E-rate Funding Requests

- **1/16/2017 - 4/17/2017**: Procurement
  - 8 weeks +

- **4/18/2017 - 5/5/2017**: Evaluation & Awards

- **5/11/2017**: E-rate Funding Request
  - Form 471 Deadline

- **7/1/2017**: Eligible Service Start

- **5/11/2017 - 10/30/2017**: E-rate Application Review
  - Duration varies

- **11/4/2017 - 1/30/2018**: Prepare for 2018 E-rate Cycle
Questions?
Conclusions

• Importance of broadband

• Include broadband/IT in the planning process

• Maximize available funding

• Coordination and support (E-rate…)

• Investment in broadband infrastructure
Questions or Comments?

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