Making 700 MHz Wireless Work in Rural Minnesota

Blandin Broadband Webinar
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MN 700 MHz A Band Ownership
MN 700 MHz B Band Ownership

Legend
- MN B Band Owners
- ATT
- Skycom 700mHz
Dryad Communications

• Fixed wireless broadband provider, using 700 MHz licensed spectrum and wireless DOCSIS to provide 15-25 mile coverage
  – Utilize existing infrastructure wherever possible
  – Can serve up to 200 customers per site, offering broadband speeds, sharing aggregate 27 Mbps

• Have two operating systems in South Dakota/Nebraska, providing service to Santee Sioux and Rosebud Sioux tribal lands

• Evaluating non-reservation opportunities in South Dakota Black Hills

• Work underway in part of Minnesota
Wireless DOCSIS System Diagram
Tower Installation and Customer Premise Equipment

Tower Antenna

Rack of Base Station Equipment

Customer Premise Antenna
DOCSIS System Coverage

Santee Coverage

Rosebud Coverage