

New Mexico Tribal Broadband Convening

Monday, September 12, 2022
Albuquerque, NM

Broadband Legislation

State of New Mexico

2021 Legislation established the Office of Broadband Access and Expansion and the Connect New Mexico Council to better coordinate broadband deployment efforts among different state entities.

Broadband Access and Expansion Act

(Senate Bill 93) (Laws 2021, Chapter 123)

Created the Office of Broadband Access and Expansion, which is administratively attached to DoIT for budget and expenditure oversight.

SB93: <https://nmlegis.gov/Sessions/21%20Regular/final/SB0093.pdf>

Connect New Mexico Act

(House Bill 10) (Laws 2021, Ch. 120)

Created the Connect New Mexico Fund, which received appropriations totaling \$100 million (Senate Bill 377)

HB10: <https://nmlegis.gov/Sessions/21%20Regular/final/HB0010.pdf>

Broadband Appropriations to the Connect New Mexico Fund

(Senate Bill 377) (Laws 2021, Ch. 140, Section 17)

Broadband Appropriations to the Connect New Mexico Fund - \$110M (FY2021-2026)

SB377: <https://nmlegis.gov/Sessions/21%20Regular/final/SB0377.pdf>

State of New Mexico

Office of Broadband Access and Expansion (OBAE)

2021 Legislation established the Office of Broadband Access and Expansion (OBAE) to better coordinate broadband deployment efforts among different state entities. OBAE is administratively attached to the New Mexico Department of Information Technology (DoIT) for budget and expenditure oversight.

Director: Kelly Schlegel

Advisor: Matt Schmit

Department of Information Technology (DoIT)

The New Mexico Department of Information Technology (DoIT) was created in 2007 pursuant to the Department of Information Technology Act, NMSA1978, Section 9-27-1 through 9-27 (DoIT Act) as an executive branch cabinet-level department to streamline and improve state information technology systems. DoIT focuses on providing excellent IT services to the numerous state entities that are its customers. The Department's central office is in the John F. Simms Jr. building in Santa Fe. The Department houses two Data Centers, one at the Simms building and one in Albuquerque and additional administrative and technical support offices exist throughout the state in Santa Fe, Albuquerque, Las Vegas, Las Cruces, and Roswell. The Department is organized into three divisions: Enterprise Services, Compliance and Project Management, and Program Support. In addition, in 2021 the Legislature established the *Office of Broadband Access and Expansion*, administratively attached to DoIT. As a result, DoIT's Administrative Services Division will oversee budget and expenditures for the new Office, among other services.

Cabinet Secretary & State Chief Information Officer: Peter Mantos

Location: 715 Alta Vista Street Santa Fe, NM 87505

Phone: 505-827-0000

Website: <https://www.doit.nm.gov>

Connect New Mexico Council

Meetings:

The Connect New Mexico Council meets on the 3rd Wednesday of the month at 2:00pm MT.

Access the zoom link to attend online:

www.doit.nm.gov/programs/broadband/connect-new-mexico-council

News and Events Notifications by Email:

To subscribe to receive e-mail notification of Council news and events, including public meeting schedules, join the NM-DoIT Subscriber Alerts mailing list. <https://nmdoit.omnilert.net/subscriber.php>

The subscriber page will ask for phone numbers and other information. Because the Council will only send notices by e-mail, and will not use phone, text messaging or faxing, you do not need to provide a phone or fax number.

Members: The members of the Connect New Mexico Council are:
Kimball Sekaquaptewa, Pueblo Government Appointee (Interim Chair)
Luis Reyes, Speaker of the House Appointee (Interim Vice-Chair)
Peter Mantos, Department of Information Technology
Alex Greenberg, Department of Economic Development Designee
Eli Guinee, Department of Cultural Affairs Designee
Leonard Manzanares, Department of Transportation Designee
Joseph Navarreté, New Mexico Mortgage Finance Authority Designee
Bogi Malecki, Department of Higher Education Designee
Ovidiu Viorica, Public Schools Facilities Authority Designee
Launa B. Waller, Minority House Floor Leader Appointee
Katherine Crociata, Senate President Pro Tempore Appointee
Steve L. Grey, Senate Minority Floor Leader Appointee
Jim R. Ruybal, Governor Appointee
Godfrey Enjady, Apache Government Appointee

Contact: connectnmcouncil@state.nm.us

Connect New Mexico Council

Working Groups

The Connect New Mexico Council has established these work groups:

- Connect New Mexico Grant Program
- Digital Equity & Inclusion
- Mapping, Data & Evaluation
- Regional Planning & Community Engagement
- Tribal Working Group
- Permits, Pole Attachments, Right-of Way

If you are interested in becoming a member of any of these groups, please send an e-mail to: connectnmcouncil@state.nm.us

In the body of your e-mail, please include a brief statement of interest, including your experience relating to the work group's mission. Also, let us know how best to contact you about the status of your membership request. The Council appreciates your interest.

Connect New Mexico Pilot Program

The Connect New Mexico Pilot Program (“Pilot Program”) aims to bridge the digital divide and foster socioeconomic progress by providing infrastructure grants for broadband deployment to unserved and underserved communities across New Mexico.

Funding for the Pilot Program is provided by the American Rescue Plan Act’s Coronavirus Capital Projects Fund.

Governor Michelle Lujan Grisham and the New Mexico Legislature, through House Bill 2, appropriated \$123,066,812 from the Capitol for expenditure by the Department of Information Technology (DoIT) in fiscal years 2022 through 2025 to “plan, design, construct, renovate and equip broadband, including alternative and satellite broadband, statewide.”

<https://home.treasury.gov/policy-issues/coronavirus/assistance-for-state-local-and-tribal-governments/capital-projects-fund>

Notice of Funding Opportunity (NOFO): The NOFO formally establishes the funding opportunity for the Connect New Mexico Pilot Program.

Please review the NOFO to learn about the program purpose, eligibility factors (e.g., project types, service areas, entities), allowable expenditures, key performance requirements (e.g., network performance, service offerings), evaluation criteria, and compliance requirements.

<https://api.realfile.rtsclients.com/PublicFiles/16569e3bf98c467e95901b46fd511499/4de96794-cd8c-4811-b3f9-89f864aeb042/pilot-program-nofo-2022-08-10.pdf>

Website:

www.doit.nm.gov/programs/broadband/connect-new-mexico-pilot-program

Connect New Mexico Pilot Program: Application

Application Window Closing Dates and Review Format

Wave One	Wave Two	Wave Three*
September 23, 2022	December 9, 2022	February 27, 2023

www.doit.nm.gov/programs/broadband/connect-new-mexico-pilot-program

Applications will be accepted and reviewed on a rolling basis. Award announcements may also occur on a rolling basis. (* Note: Wave Three is contingent upon funds remaining unallocated after the first two waves). The Application is comprised of several questions and other information requests. The Application must be fully completed. Otherwise, the Application will be determined incomplete and not be reviewed.

Application

<https://api.realfile.rtsclients.com/PublicFiles/16569e3bf98c467e95901b46fd511499/de7f4838-048c-49a7-a264-4ea5ac3520ad/pilot-program-application-2022-08-18.pdf>

Purpose: Foster the deployment of broadband access across unserved and underserved areas in New Mexico through sustainable, scalable networks and financially viable business plans and serve the comprehensive community with high-quality, reasonably priced solutions.

Eligible Service Area: Areas in which 80% of the household and business locations in the applicant's Project Area are either unserved and/or underserved. An unserved household or business lacks access to a wireline-based broadband connection offering at least 25/3 Mbps (download/upload) An underserved household or business has access to a wireline-based broadband connection offering at least 25/3 Mbps but less than 100/20 Mbps.

Please submit questions to: broadbandpilot@state.nm.us

Connect New Mexico Pilot Program: Eligibility

Eligible Project Types

Network Purpose: Last-mile networks that provide connectivity to unserved and underserved households and businesses. Network facilities complementary to last-mile network for enabling broadband are also eligible – e.g., middle-mile, community Wi-Fi networks.

Speed and Latency Threshold: Delivers 100 Mbps symmetrical download/upload speeds and supports low latency to enable real-time, interactive applications. Networks not meeting this standard may be funded when impracticable to deploy due to geography, topography, or excessive cost barriers. In such cases, the network must reliably offer at least 100/20Mbps and be scalable to 100 Mbps symmetrical.

Technologies: Fiber-optic wireline, fixed wireless, and alternative technologies meeting speed and latency thresholds

Eligible Entities: Tribal government; local units of government (e.g., municipalities, counties and other political subdivisions); local and state agencies; non-profit entities; for-profit entities; cooperative or mutual organizations; utilities; Collaborations among multiple eligible entities are eligible. One partner must be identified as the Lead Applicant.

Eligible Expenses: Application preparation, market assessment (e.g., data gathering, feasibility studies); permitting and regulatory reviews (e.g., rights of way, easement, environmental, historical and cultural assessment); network planning & design; infrastructure deployment; network facilities & equipment; long-term leases; grants administration and reporting

Scoring Framework: Eight key areas: project impact, community engagement, economic efficiency, project readiness, organization qualifications, marketing and services strategy, adoption assistance programs, project sustainability

Website:

www.doit.nm.gov/programs/broadband/connect-new-mexico-pilot-program

Connect New Mexico Pilot Program Interactive Broadband Map

The Interactive Broadband Map delineates unserved and underserved areas. Areas not designated as unserved or underserved may still be eligible for funding if the Applicant can provide fact-based evidence that the proposed funded service area meet the Pilot Program's definition of unserved or underserved. Please see the NOFO regarding the official definition of unserved and underserved.

<https://www.arcgis.com/apps/webappviewer/index.html?id=2d4ddd01627d49e18e0d39380cf179d5&extent=-12292963.0931%2C3490308.8406%2C-11395286.633%2C4621576.8593%2C102100>

New Mexico Broadband Map

<https://nmbbmapping.org/mapping>

New Mexico Internet Service Providers (ISPs)

https://edacftp.unm.edu/NMBBP/ISP_List_By_County_S22

New Mexico Department of Transportation (DOT)

<https://www.dot.nm.gov>

New Mexico Transportation Data Management

<https://nmdot.public.ms2soft.com/tcds/tsearch.asp?loc=Nmdot>

New Mexico Traffic Viewer

https://nmdot.public.ms2soft.com/TDMS.UI_Core/trafficviewer

New Mexico Department of Cultural Affairs

New Mexico State Libraries: Tribal Libraries Program (TLP)

www.nmstatelibrary.org/services-for-nm-libraries/programs-services/tribal-libraries-program

New Mexico Broadband Speed and Reliability Test

The New Mexico Broadband Speed and Reliability Test can assist in identifying those areas within New Mexico having inadequate broadband service. A “Speed Test” is a simple way of doing this. Conduct this Speed Test repeatedly during the week and at different times in the day. This will help analyze the difference between peak hour load and low use periods. The New Mexico Broadband Programa will gather these data, map the results, and aggregate them into categories to assess the level of services within New Mexico. Please be assured individual addresses will not be shared, yet information will be aggregated into neighborhood blocks to provide a picture of broadband performance. These data will assist in planning and funding requests for building more broadband access.

Glossary of Terms

Bandwidth: the rate at which data can be transmitted between your computer and the testing servers.

kbps or kb/s: kilobits per second – a measure of Bandwidth. File sizes are normally indicated in terms of “bytes”; one byte is equal to 8 bits. In other words, 1000 kilobits per second is equal to 125 kilobytes per second.

Mbps or Mb/s: Megabits per second – another measure of Bandwidth. One Megabit is equal to 1024 kilobits.

Packet: a unit of data capable of being routed through a computer network.

Latency: the time it takes for a single packet of data to be sent from your computer to the testing server and back (the “round trip” time). This is measured in milliseconds, or thousandths of a second.

Jitter: a measure of the variability in Latency.

Take the Speed and Reliability Test:

www.doit.nm.gov/programs/broadband/new-mexico-broadband-speed-quality-testing