



Utility Private Wireless Communications: A Perfect Solution for the Department of Energy's Grid Resilience & Innovation Partnerships Program

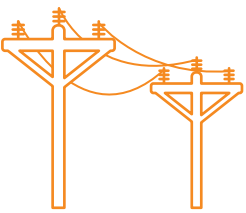


Anterix has experience working with utilities and organizations on private wireless broadband benefits through concept paper and grant application submittals.

We worked with a number of utilities and consortiums on round- one submissions of DOE's Grid Resilience & Innovation Partnerships (GRIP) program.

Let us work with you for the fast-approaching 2024 GRIP funding cycle.

Private Wireless Broadband *is* Grid Innovation

Private wireless broadband (**Private LTE**) communications are necessary components for many grid-enhancing technologies required to achieve the strategic goals of GRIP; and the *law specifically identifies communications as a priority investment* for the Smart Grid Grant program.

<p>40101c GRID RESILIENCE GRANTS</p> 	<p>40107 SMART GRID GRANTS</p> 	<p>40103b GRID INNOVATION PROGRAM</p> 
<p>Increase grid resiliency with far-reaching private wireless broadband to allow for data-informed decision-making</p>	<p>Private wireless broadband aids smart tech across the grid with low latency, high throughput, and prioritization</p>	<p>Standards-based communications fosters innovation for grid interconnection and reliability</p>

FOCUSED VALUE

Positioning your grid transformation program for success depends on selecting the right foundational private wireless broadband network characteristics.



Private Wireless Broadband Networks

Utilities now have access to low-band spectrum for utility-owned wireless broadband networks across the nation, inclusive of disadvantaged communities (DACs). This was made possible by the 900MHz FCC rulemaking in 2020.



Clean Energy Transformation

The number of devices connected to the clean-energy grid is expected to be in the hundreds of millions. To optimize benefits, the network coverage and interoperable technologies should be embedded and ready for immediate connection.



Security & Control

The electric grid has unique components that require utility visibility and control. Private LTE provides a particularly robust set of features that allow utilities with oversight and implementation capabilities to positively impact reliability, resiliency, and security.



Equity & Community Benefits

Anterix's nationwide 900 MHz spectrum is a solution that is available in disadvantaged communities across the United States and the technology allows for all utility customers to benefit.

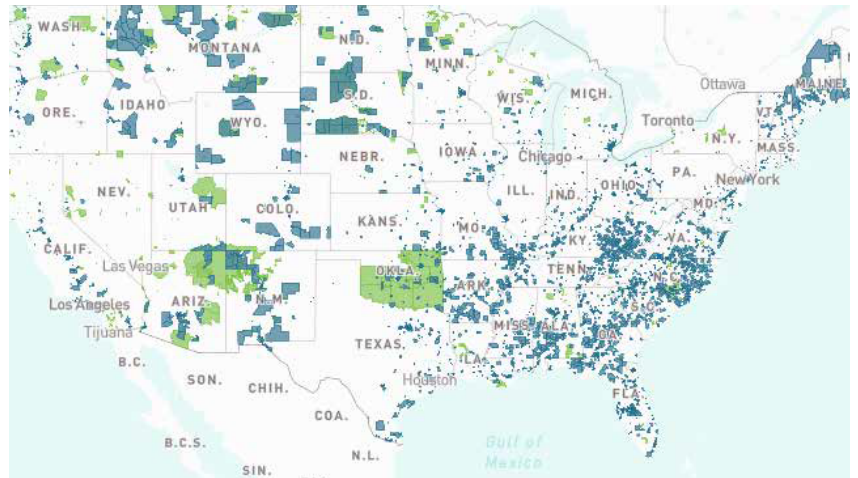
DISADVANTAGED COMMUNITIES ARE A GRIP PRIORITY

Utilities are pursuing Private LTE networks to engage more closely with their customers across all classes (residential, commercial, and industrial); while also helping to broaden the reach of clean-energy technologies to disadvantaged communities (DACs).

The DOE is focused on improving the electric grid and access to resilience technologies within disadvantaged communities.

Private wireless broadband networks enable DOE priorities in these areas.

ANTERIX SPECTRUM IS AVAILABLE NATIONWIDE Including the DOE-Identified DACS



This map is sourced from energyjustice.egs.anl.gov and represents census tracts that the DOE has categorized as Disadvantaged Communities.

PRIVATE LTE IS FOUNDATIONAL FOR THE FUTURE



Private LTE Enables Utilities' Strategic Initiatives

Decarbonization | Cybersecurity Protection | Electrification | Customer Affordability | Reliability | DER Integration | Energy Equity | Safety | Wildfire and Severe Weather Mitigation

Anterix®

We are committed to a clean energy transition and DOE GRIP priorities.

For more information, please contact Sam Bitterman: sbitterman@anterix.com