



MILLENNIUM

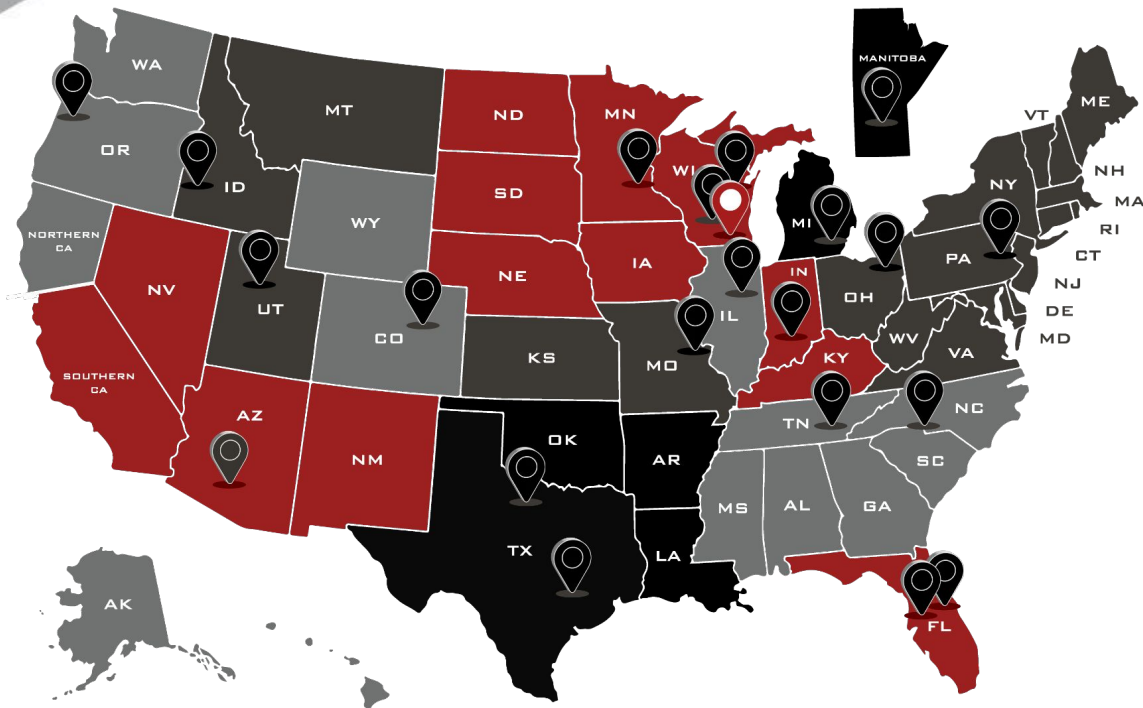
THE MILLENNIUM ECOSYSTEM and Broadband Funding

YOUR NETWORK SOLUTIONS PARTNER



MILLENNIUM

OVER 750,000 SQFT MATERIAL STORAGE



CREATING OPPORTUNITIES FOR
1.89 MILLION PEOPLE

4,500

MILES DESIGNED

LOCATIONS

22

FLEET OF OVER

200

EQUIP RENTALS

ACCESS TO

25,000

MATERIALS

FUNDING SUPPORT TO

750,000

NEW ADDRESSES PASSED

HEADQUARTERED IN WISCONSIN

MILLENNIUM CORE VALUES

THE PRINCIPLES THAT GUIDE US



WE ARE

PASSIONATE

We're true to ourselves, fully invested, driven to win, and authentically driving towards the shared vision for ourselves, our communities, and our company.



WE ARE

CURIOUS

We live by our client-first focus, asking questions and listening with intention, and always educating ourselves and others.



WE ARE

CARING

We show we are and foster strong relationships by being empathic and genuine. We listen to understand and aren't afraid to have tough conversations.



WE ARE

DEPENDABLE

We do what we say we're going to do, we're available and responsive, and we take ownership and responsibility for our own words and actions.

GRANT FUNDING OPPORTUNITIES

	YEAR ESTABLISHED	TOTAL (\$B)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Alt. Connect America Cost Model (ACAM)	2016	\$3.4	2018 - 2027											
Connect America Fund (CAF Phase II)	2018	\$1.3	2020 - 2029											
USDA Re-Connect (anticipated annually)	2018	\$2.7	2021 - AND BEYOND											
5G for Rural America (PH 1 & 2)	2020	\$8.1	2023 - 2032											
RDOF (PH 1)	2020	\$9.2	2023 - 2032											
RDOF (PH 2)	2020	\$11.2	2020 - TBD											
ARPA	2021	\$20	2021 - 2023											
Capital Projects Fund (ARPA)	2021	\$10	2021 - 2026											
Huawei/ZTE Rip-and-Replace Program (STCNA)	2021	\$1.9	2023											
Infrastructure Investment & Jobs Act Programs (BEAD)	2021	\$42.5	2023 - 2028											
NTIA Programs	2021	\$1.5	2022											
Tribal Broadband Connectivity	2021	\$3	2021 - AND BEYOND											
Middle Mile Program	2023	\$1	2023 - 2024											
Enhanced A-Cam	2023	\$13.5	2023 - 2038											
TOTAL		\$127.1												



MILLENNIUM

BEAD

2021 > 2023 – 2024- \$42.5 Billion

Utah: \$317,399,741

<25/3 areas priority then <100/20

- Scalable to 100/100
- Fixed wireless is possible under high-cost areas
- 25% match minimum / except High-Cost Areas

Issues

BABA/Letters of Credit/Affordable Connectivity Program/Lack of BEAD funds?/Match/Cyber Security & Supply Plan Management Plans

Significant weight will be given to public/private partnerships and digital literacy programs

THE MILLENNIUM ECOSYSTEM

HELPING YOU CONNECT COMMUNITIES - ONE BUILD AT A TIME



ECOSYSTEM
MILLENNIUM®

ENSURING OUR CLIENTS ARE FIRST TO MARKET



PLANNING



FUNDING



MATERIALS



RENTALS

At Millennium, we believe that great service requires proactive planning and tailored solutions to ensure our clients are first to market.

We take pride in being an extension of your team; a true, seamless partner in the planning, financing, managing, and delivery of superior broadband solutions.



MILLENNIUM

THE MILLENNIUM ECOSYSTEM

HELPING YOU CONNECT COMMUNITIES - ONE BUILD AT A TIME

GEOSPATIAL PLANNING

Laying a foundation for project success from feasibility studies to GIS network planning, design, deployment and management.



INFRASTRUCTURE FUNDING

Secure crucial funds - with guidance on available grants, compliance, and access to the Millennium Infrastructure Fund.



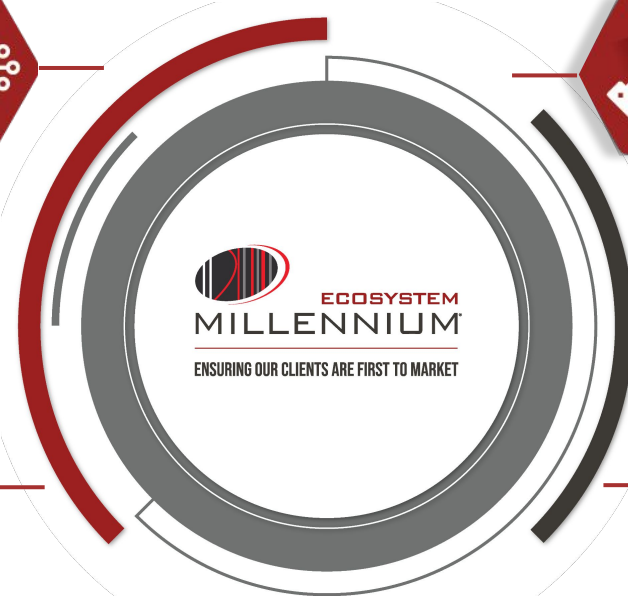
MATERIALS

Source the industry's top inventory, from 250+ vendor partners, w/ access to price, planning, forecasting services.



RENTALS & LEASING

Experts that keep your project going with equipment, labor and cash flow solutions.





GEOSPATIAL PLANNING

It All Starts With A Plan.

Efficiency matters, especially with the tools to set you up before you build. From high-level design to detailed project planning, access a big picture view down to the fine details.



OUTSIDE PLANT ENGINEERING

Data-driven intelligence that saves time, money, and headaches well before any project begins.



CONSTRUCTION EFFICIENCY

Building a network isn't getting cheaper, but with data and state-of-the-art tools, you can improve the process.



DATA INTEGRATION

Gather key business intelligence with spatial mapping to plan, track, analyze, model, and predict the critical successes of your business bringing old records into new GIS systems.



FEASIBILITY STUDY

- Cost Estimates/Revenue Streams
- Step-by-Step Implementation Plan
- Financial Impact Summary



MILLENNIUM



GEOSPATIAL PLANNING

Millennium Geospatial is an ESRI Business Partner that has earned the ESRI Release Ready Specialty by committing to a fully certified technical staff. This partnership allows Millennium Geospatial to offer clients access to ESRI's industry-leading software and training services.



ArcGIS SOFTWARE SYSTEM

Powerful geolocational mapping and analytics platform to gather intelligence, monitor data, & forecast with accuracy.



GIS TECHNOLOGY

Ability to create digital mapping in sophisticated layers while capturing digital images and field data in real time.



GIS TRAINING & PROJECT TRACKING

Utilize the GIS system to its fullest potential with customized training with our fully-trained experts.



esri

Partner Network
Silver



MILLENNIUM



GEOSPATIAL PLANNING

INTRODUCING **GEODASH**

THE Enterprise-Level ARCGIS Dashboard

Pull together paper trails and index stats into a real-time tracking platform to monitor field progress, project management, customer connectivity, and so much more!

- ENGINEERING INSIGHTS & MAPPING
- CONSTRUCTION MANAGEMENT
- MATERIAL MANAGEMENT REPORTS
- CUSTOMER TURNUP & CONNECTIVITY

PLUS, FULL CUSTOMIZATION

Dashboard Options For ANY Business Application



MILLENNIUM

INFRASTRUCTURE FUNDING

Insight To All The Options.

Whether it's navigating the complexities of Broadband grant funding to finding a short-term loan solutions to get you into the next project, we have the expertise to help.

MILLENNIUM INFRASTRUCTURE FUND

The \$75MM Millennium Infrastructure Fund connects future-focused network owners to visionary, accredited investors.

GRANT GUIDANCE

Partnerships to help you understand, apply for, receive and manage government broadband funding.

BRIDGE FUNDING

Build before your competitors do. Funding to help bridge the gap until public funds are accessible and revenue generated.

GRANT FUNDING OPPORTUNITIES

	YEAR ESTABLISHED	TOTAL (\$B)	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Air Connect America Cost Model (CCM)	2018	\$3.4	2018 - 2027											
Connect America Fund (CAF Phase II)	2018	\$1.3	2020 - 2029											
USDA Re-Connect (unobligated amounts)	2018	\$2.7	2021 - AND BEYOND											
501 for Rural America (PH 1 & 2)	2020	\$8.1	2023 - 2032											
ADDF (PH 1)	2020	\$8.2	2023 - 2032											
ADDF (PH 2)	2020	\$11.2	2020 - TBD											
ADPA	2021	\$28	2021 - 2023											
Capital Projects Fund (ADPA)	2021	\$18	2021 - 2026											
Homeland/Emergency Response Program (HERP)	2021	\$1.9	2023											
Infrastructure Investment & Jobs Act Programs (IIJA)	2021	\$42.5	2023 - 2028											
NTIA Programs	2021	\$1.5	2022											
Total Broadband Connectivity	2021	\$3	2021 - AND BEYOND											
Middle Mile Program	2023	\$1	2023 - 2024											
Enhanced R-Can	2023	\$10.5	2023 - 2038											
TOTAL		\$1271												



MILLENNIUM

INFRASTRUCTURE FUNDING

Our strategic partnerships offer expertise to maximize and navigate all aspects of government funding projects.



GRANT GUIDANCE PARTNERSHIP

Telecommunications consulting that offers compliance and funding advising services.

Navigate the complex world of government programs with services in:

- Application Writing & Submission
- Compliance Documentation
- Milestone Reporting & Supplemental Support

PRE-APPLICATION

Grant Qualification & Prepare Documentation

GRANT APPLICATION

Write & Submit Application

EXECUTION OF FUNDS

Invoice Reimbursement & Reporting

POST AWARD

Compliance & Reporting

Schedule Your Public Funding Consult, Today!



MILLENNIUM

MATERIALS MANAGEMENT

Everything Needed To Build.

We partner with you through the entire building process, so you always have the right solution, at the right time, tailored to the project you are managing.

▶ Robust Sourcing Options

Access to over 25,000 Materials from 250+ vendor partnerships.

▶ Demand Forecasting

Usage, demand plan & delivery schedule of materials to stay on time, efficient & profitable.

▶ Delivery Assistance

Get what you need, where you need it from one of our 19+ locations, with options to expedite.

▶ Inventory Management

Customize a shared supply solution to manage the details that support contractors and staff.



MILLENNIUM

MATERIALS MANAGEMENT

VENDOR PARTNERSHIPS

With preferred and strategic manufacturer relationships, you'll gain access to any supply needed to build your network.

COMMScope®

dura·line

hexatronic

ADC
ADVANCED DIGITAL CABLE INC.
A TRIDENT COMPANY

PRESCO
A TRIDENT COMPANY

GMP
TOOLS BUILT TO GO THE DISTANCE

AFL

EXFO

LYNN

Rhino
RUBBER & PROTECTIVE COUPLERS
A TRIDENT COMPANY

Bekaert

CANTEX

HUBBELL

SAFETY PRODUCTS
A TRIDENT COMPANY

FRICK
& COMPANY
A TRIDENT COMPANY

HellermannTyton

IP
INTEGRATED
PLASTICS

MacLean
NETWORK SOLUTIONS

VC
VERTICAL CABLE

GWC

Viaflex

MADISON STEEL

PLP

CHANNELL

Charles
an Amphenol company

JAMESON

Cooperhead

Galvan Industries, Inc.

NNO
INSTRUMENT

BLUE DIAMOND
A PART OF HEXATRONIC GROUP

SUPERIOR
ESSEX

Atkore

HYESUNG
CABLE & COMMUNICATIONS INC.

STU

CONDUX

erizo rope
corporation

POPULAR ITEMS REQUESTED:

- Conduit & Pipe
- Enclosures, Cabinets, & Pedestals
- Fiber Optic Cable & Wire
- Handholes & Vaults
- Splice Closures, Trays, & Accessories
- Bonding & Grounding
- Cable/Fiber Placement & Locating
- Construction & Safety equipment
- Equipment: Fiber Testing & Splicing
- Inside Plant Electronics
- Premise Equipment & Hardware



MILLENNIUM

RENTALS & LEASING

We Keep You On The Go.

Our Telcom specific fleet and personal procurement programs help you scale your business, while reducing risk and staying nimble for future opportunities.



Accessories



Trailers



Lashers



Fiber Blowers



Fiber Pullers



Fusion Splicers



Testing Equipment

LABOR SAVING EQUIPMENT

Hundreds of Industry Specific Machines
With Multiple Vendors to Compare

PERSONALIZED FINANCE SOLUTIONS

Procurement Options That Break Restraints
Preventing You From Scaling Your Business

IN THE TRENCH TRAINING

Beyond Show and Tell Demos - We Help
Your Team Scale Its Talent Faster

Same Day Shipments. Lease approvals in 24 Hours. Top Tier Equipment Manufacturers.



RENTALS & LEASING

EQUIPMENT ON STANDBY

From equipment breakdowns to quick attainment for unexpected network expansion projects, our fleet is on standby! Gain anytime access to equipment from the most reliable brands on the market.

POPULAR EQUIPMENT LIST

- OTDRs
- OLTZ Testers
- Fiber Blowers
- Reel Trailers
- Fusion Splicers
- Lashers

SPECIALTY EQUIPMENT

- WDM Testers
- Ethernet Testers
- Super G Lashers
- Larson Fiber Trailers
- Aftercoolers
- Micro Compressors
- Large CFM Compressors



RENTALS & LEASING

Beyond The Equipment.

Telecom Industry is evolving fast and non-traditional procurement methods may be the key to connecting your community or protecting the business you've built.

▶ Ready To Ship Rentals

For one-off emergencies to long duration rental needs - this fast & flexible option keeps you up and running. Our fleet is on standby!

▶ Leasing Is A Strategic Spend

An affordable long-term strategy frees cash flow with end term lease-to-own options.

▶ Purchasing Options

Total ownership with access to the best equipment manufacturers in the industry.

▶ Hands-on Training

Scale your crews quickly, with in-field training. Over 35 years of certified experience, ready to roll up their sleeves and maximize your crew!

DID YOU KNOW?

You can apply 50% of the rental or lease price towards a purchase price.

RENTALS & LEASING

WHAT IS IMPORTANT TO YOU

Our experts are here to work through what matters most to you. Working together, we can determine what option is best for business - not only in the right now, but for the future!

CASH FLOW OPTIONS

Cash Is King

A tale as old as time. Cash conserving expenses keeps your business healthy and flexible.

The Potential Solutions:

- Rentals
- Lease To Own
- Long Term Rentals

FLEXIBILITY

Uncertainty Requires A Nimble Business

Keep your business healthy with the ability to change when industry opportunity presents itself.

The Potential Solutions:

- Rentals
- Long Term Rentals

TOTAL COST OF OWNERSHIP

'How Often' Is As Important As 'How Much'

The most expensive piece of equipment is the one not being used.

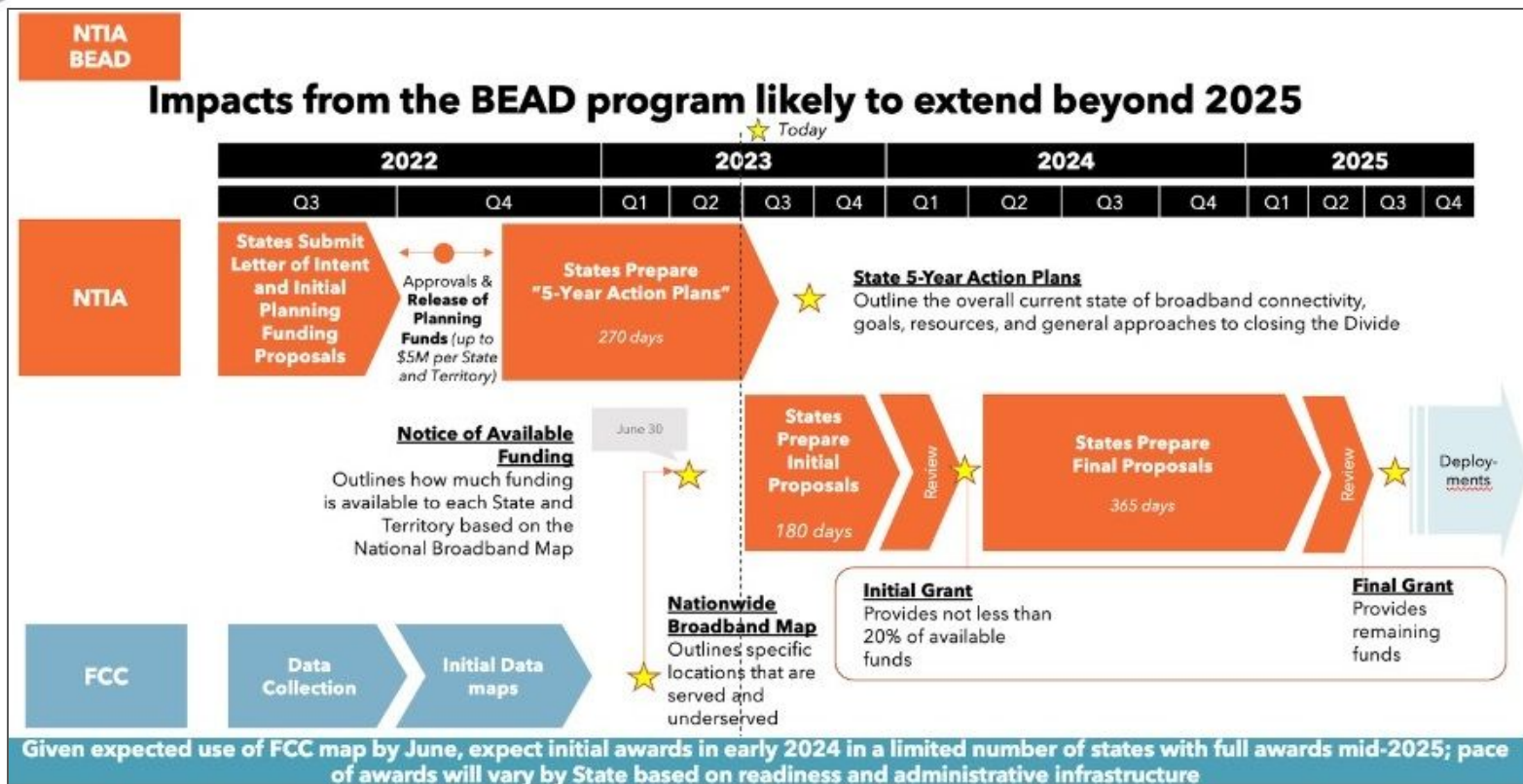
The Potential Solutions:

- Purchase
- Lease To Own Program
- Rent To Own Program

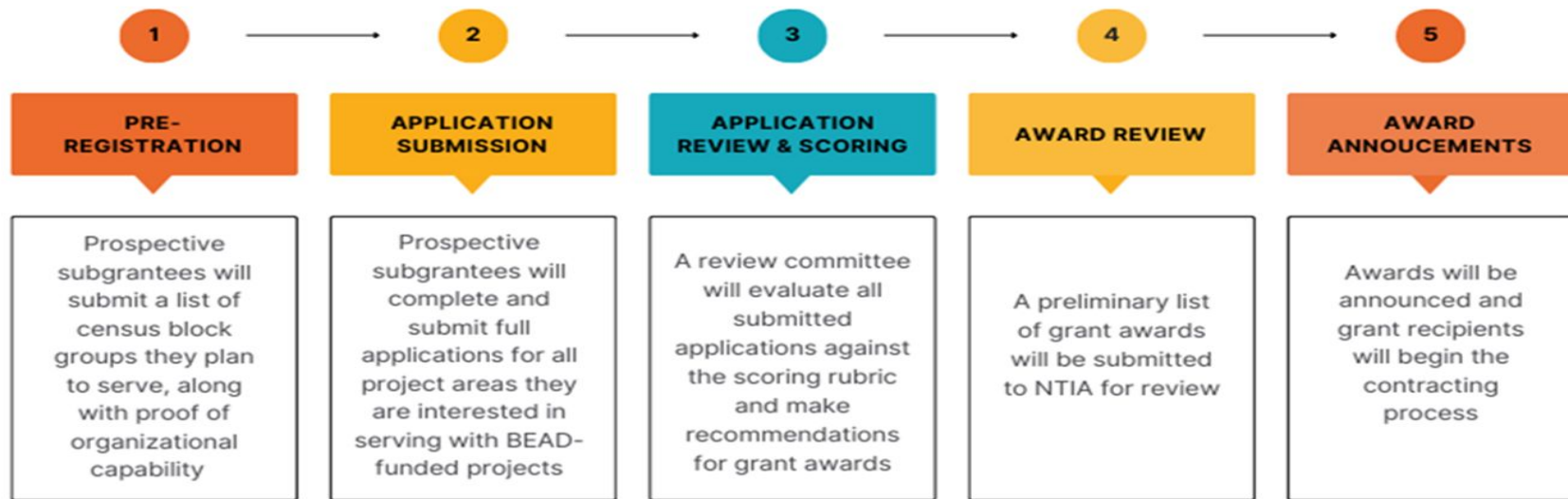
SCHEDULE A FREE CONSULT!



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BEAD Project Grant Process



Other Funding

Reconnect 5 : \$670,000,000

NTIA Tribal Grants RD#2 : \$980,000,00_ March 22, 2024

NTIA Middle Mile RD#2 : \$5 Billion(?)

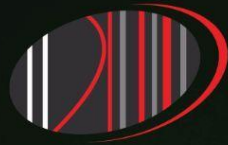
Grid Resilience and Innovation Partnerships (GRIP) Program - \$10 Billion

- 1. U.S. Department of Energy 50/50 match**
- 2. Grid Resilience Utility and Industry Grants (\$2.5 BILLION)**
- 3. SMART GRID GRANTS (\$3 Billion)**
- 4. GRID INNOVATION PROGRAM (\$5 BILLION)**

RECOMMENDATIONS

1. Review and correct the map during the challenge process
2. Start the process early- lock down a grant writer/consultant/designer
3. Start working on you Pre-Registration requirements ASAP
4. Develop a plan and preliminary network design
5. Meet and work with your state broadband team and NTIA state program director- attend the meetings and webinars
6. Target elements that are NOFA Objectives
7. Secure letters of support, but also formal documents such as NDAs, MOU, and letters of intent- also meeting minutes
8. Secure support of anchor institutions
9. Detail the state narrative in your application
10. Review other funding options

QUESTIONS?



MILLENNIUM®