Build Kansas Fund | Fiscal Year 2025 Application Package | Memo

To: Representative Troy Waymaster, Chair, Build Kansas Advisory Committee
Chardae Caine, Kansas Legislative Research Department
Shauna Wake, Office of the Kansas State Treasurer

From: Jason Fizell, Interim Executive Director, Kansas Infrastructure Hub

RE: Build Kansas Fund Application #2025-104-NCRPC

Date: May 22, 2025

Attached, please find an application made to the Build Kansas Fund by the City of Beloit. The application packet includes the following items:

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 18 of the Build Kansas Fund Application Package.
- Build Kansas Fund Application – includes information submitted with the Build Kansas Fund Application, pages 2-8. Page 8 provides the table of funding sources and zip codes served by the project.
- Attachments – 40101d application, pages 9-18.

Project Overview
The City of Beloit seeks funding from the U.S. Department of Energy for funding available through the SECTION 40101(d): Preventing Outages & Enhancing the Resilience of the Electric Grid program for their Pole Replacement project which includes replacing utility poles to improve grid reliability, enhance safety, and protect the community against severe weather-related damages.

This opportunity is a discretionary BIL program with a local match requirement of 48.33% of the total project cost. The entity is requesting $209,070.45 from the Build Kansas Fund, and is providing a local match of $11,003.71. This request has the potential to unlock $455,325.84 in federal funds, for a total project cost of $675,400.00.

The deadline was January 9, 2025, and this Build Kansas Fund application was received on January 9, 2025.

Build Kansas Fund Steering Committee Recommendation
The Build Kansas Fund Steering Committee reviewed this application on May 14, 2025 following a successful completeness check. The Steering Committee **RECOMMENDS APPROVAL** of Build Kansas Funding to the Build Kansas Advisory Committee for final advice.

Build Kansas Fund | Fiscal Year 2025 Application Package | Coversheet

Build Kansas Fund Application Number	2025-104-NCRPC
Applicant Name	City of Beloit
Application Date Received	1/9/2025
Project Name	Pole Replacement
Project Description	Replacing utility poles to improve grid reliability, enhance safety, and protect the community against severe weather-related damages
Entity Type	Local Government
Economic Development District (EDD) Planning Commission	North Central KS Regional Planning Commission
Infrastructure Sector(s)	Energy
BIL Program	SECTION 40101(d): Preventing Outages & Enhancing the Resilience of the Electric Grid
BIL Program Type	Discretionary
Application Type	Implementation
BIL Application Deadline	1/9/2025
Build Kansas Fund Request	$209,070.45
Technical Assistance Received	General Yes ☒ No ☐
	BIL Application Yes☐ No☒
	Build Kansas Fund Application Yes☒ No☐
	Other (Brief Description): Provided General TA and BKF Application Support.
Application Notes	Build Kansas Fund contribution of $209,070.45 will unlock $455,325.84 in federal BIL funding, with a local cash contribution of $11,003.71 for a total project cost of $675,400.00
Steering Committee Funding Recommendation	**5/14/2025 | Recommend ☒ Declined ☐**
Advisory Committee Funding Recommendation	**5/22/2025 | Recommend ☐ Declined ☐**

Title	**City of Beloit** by **Halley Roberson** in **Build Kansas Fund Application** hroberson@beloitks.org	01/09/2025 id. 49286687

Original Submission

04/18/2025

Score	n/a
	Part 1: Applicant Information
The name of the entity applying for the Build Kansas Fund:	City of Beloit
Project Name:	Pole replacement
Entity type:	Local Government
Entity Population:	3,400
Applicant Contact Name:	Halley Roberson
Applicant Contact Position/Title:	City Manager
Applicant Contact Telephone Number:	+17857383551
Applicant Contact Email Address:	hroberson@beloitks.org
Applicant Contact Address:	119 N. Hersey Avenue
Applicant Contact Address Line 2 (optional):	
Applicant Contact City:	Beloit
Applicant Contact State:	Kansas
Applicant Contact Zip Code:	67420

Is the Project Contact the same as the Applicant Contact?	Yes
	Part 2: Build Kansas Fund - Eligibility Criteria
Certify that you are pursuing an Infrastructure Investment and Jobs Act (IIJA) funding opportunity for which your entity is eligible:	Yes
Certify that the Infrastructure Investment and Jobs Act (IIJA) funding opportunity you are pursuing has a required non-federal match component:	Yes
What is the primary county that the project will occur in?	Mitchell County

The Build Kansas Fund is intended to support Kansas-based infrastructure projects. Please provide a list of all the zip codes this project will be located in, along with an estimated percent [%] of the project located in that zip code. For example, if seeking funding for road infrastructure, provide a rough percent of the roads expected in each zip code:

Zip Code Percentage.xlsx

	Part 3: Infrastructure Investment and Jobs Act (IIJA) - Grant Application Information Please Note: This information is related to the federal Infrastructure Investment and Jobs Act (IIJA), commonly known as the Bipartisan Infrastructure Law (BIL), funding opportunity to which you will apply. This is NOT information for the Build Kansas Match Fund.
Please enter the Infrastructure Investment and Jobs Act (IIJA) funding opportunity title that the entity is applying for:	SECTION 40101(d): Preventing Outages & Enhancing the Resilience of the Electric Grid

What is the funding agency for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	U.S. Department of Energy
What is the Assistance Listing Number (ALN) for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	81.254
What is the federal application due date for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	1/9/2025
Application Type:	Implementation
What is the federal fiscal year for this Infrastructure Investment and Jobs Act (IIJA) funding opportunity?	2024
Enter the amount of funding being applied for, from the Infrastructure Investment and Jobs Act (IIJA) funding opportunity:	$455,325.84 for a total project cost of $675,400.00
Enter the total project cost:	$675,400.00
Enter the required non-federal match percentage:	48.33%

	Part 4: Build Kansas Fund - Match Application Information Beginning in July 2024 and moving forward, eligible applicants are expected to contribute a portion of the non-Federal match requirement. This contribution can be in the form of cash and/or in-kind contributions. The goal is to demonstrate the applicant's commitment to the project. The contribution should be significant enough relative to the Build Kansas Fund request. For a local public entity, 5% of the non-federal match is a good guideline, but not a requirement. See Build Kansas Fund Program Guidance for exceptions and more information.
Enter the non-federal cash match amount being requested from the Build Kansas Fund:	$209,070.45 for a total project cost of $675,400.00
Enter the non-federal cash match amount being provided by the eligible applicant, if applicable:	$11,003.71 for a total project cost of $675,400.00
Enter the estimated value of the non-federal in-kind match amount being provided by the eligible applicant, if applicable:	00

Expected breakdown of funding sources to support the project: Enter the funding source and projected amount from each source to support this project:

Kansas+DOT+table_V2.xlsx

	Part 5: Build Kansas Fund - Means Test and Eligible Applicant Match
What other available funding sources that are currently planned to go unused by your entity will be leveraged for this project?	Unknown - N/A

Will any American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies will be used for the non-federal match?	No ARPA funds are being used for this project. N/A
What other sources of in-kind match will be leveraged for this project? Please list and include the actual or estimated value of each.	$0
What other funding sources (local, federal, or non-federal) will be used for this match?	$0
Describe your efforts to find other available funding sources for this project:	All efforts have been finding the grant being applied for and making sure the city can meet the match requirement. Finding alternative funding sources for and electrical project within the timeframe of this grant and making sure the both grants would be awarded simultaneously are decisions outside of the city's control.
	Part 6: Additional Information

Please upload a draft or final version of the Infrastructure Investment and Jobs Act (IIJA) program grant application associated with this request OR an executive summary providing an overview of the project:

BIL-40101d_Announcement_of_NOFO_2nd_Round.docx

Provide any additional information about this project not covered in previous sections of this application (optional):	
	Part 7: Terms and Conditions
Understanding of Fund Release Requirements:	checked
Understanding of Use of Funds:	checked

Understanding of Reporting Requirements:	checked
Authority to Make Grant Application:	checked
Persons and Titles: The following persons are responsible for making this Build Kansas Fund application.	Halley Roberson
Position/Title:	City Manager
Additional:	
Position/Title:	
Additional:	
Position/Title:	
Additional:	
Position/Title:	

Source	Amount	% of Project
Build Kansas Funds (non-federal match)	$209,070.45	30.96%
Eligible Applicant Cash Match	$11,003.71	1.63%
Eligible Applicant In-Kind Match (estimated value)	$0.00	0%
BIL Federal Funds (applied for)	$455,325.84	67.42%
Additional Project Contribution (if applicable)	$0.00	0%
TOTAL PROJECT COST	**$675,400.00**	**100%**

***Applicant satisfies recommended match contribution of 5% of the required match**

Zip Code	% of project in zip code
67420	100%
	100% In Kansas

Title

Pole replacement

01/09/2025

by **Halley Roberson** in **SECTION 40101(d) Second Round: Preventing Outages & Enhancing the Resilience of the Electric Grid**

hroberson@beloitks.org

id. 49286915

Original Submission

04/10/2025

Score	n/a
	Section 1: Applicant Information
Entity name:	City of Beloit
Are you submitting a new application, or will you be resubmitting the application you submitted last round?	New Application
Entity Type:	Other
If you selected "other," please provide your entity type below.	Municipal utility in charge of transmission, distribution, and generation for the town.
Entity address:	119 N Hersey Beloit KS 67420 US 39.4598636 -98.1094178
Employer Identification Number (EIN):	48-6021110
Unique Entity Identifier (UEI):	CX26L8MAKCT1

Please upload verification of eligible entity size and documentation of annual sales per year:

EIA_report.pdf

EIA Table

2023 Utility Bundled Sales to Ultimate Customers List.xlsx

Project Manager name:	Halley Roberson
Project Manager phone number:	+17857383551
Project Manager e-mail address:	hroberson@beloitks.org

IRS Form W-9:

W9.pdf

Latest financial statement and financial statement audit:

beloit2023MC.pdf

Please acknowledge whether your entity has ever submitted an application, similar in nature, to the DOE under BIL Section 40101c, DE-FOA-002740, Grid Resilience and Innovation Partnerships (GRIP):	No
	Section 2: Project Description and Scope
Project Name:	Pole replacement
Project type:	Utility pole management

Project description and scope:	Beloit has experienced frequent power interruptions due to issues such as wildlife, broken poles, lightning strikes, and severe weather events like tornados and winter storms. The city faces staffing challenges, particularly in hiring journeymen and linemen. This has resulted in difficulties with routine maintenance and completing complex projects, leaving the power grid in need of significant upgrades. Beloit's electrical infrastructure is critical, especially given its industrial load and reliance on aging components. The city's power grid has seen improvements, such as replacing oil circuit breakers with vacuum breakers and updating circuit protection relays, but the complexity of necessary upgrades exceeds the current staff's capabilities. The grant application outlines projects to enhance electric reliability and resiliency, including replacing old poles, upgrading key circuits, and moving overhead lines underground. These projects aim to mitigate the impact of extreme weather and prevent prolonged outages, which could be catastrophic for the community. Beloit's population, particularly the elderly and low-income residents, would greatly benefit from these improvements. The projects are also designed to support economic growth by enabling business expansion and ensuring reliable power for critical services like hospitals and grocery stores. Training and job development are integral to the plan, with the grant facilitating hands-on experience for linemen working alongside experienced journeymen. The city is also implementing GIS mapping to preserve institutional knowledge as experienced staff retire. These initiatives aim to build a more resilient and knowledgeable workforce, ensuring long-term reliability and stability in Beloit's power supply.
	Section 3: Need for Funding
Project funding need:	Beloit is not included as part of this map, much to our disappointment. The city feels this is not a completely accurate picture of our economic status. Beloit's poverty rate is over 5.5% higher than the poverty rate for the entire state. Beloit also has a high population of people over that age of 65 with almost 20% of Beloit's population representing ages over 65 years.

Provide historical and post project estimated interruption frequency and duration data, if known.	In the past years Beloit has had numerous power interruptions from various sources ranging from wildlife getting into service lines to more severe outages caused by broken poles, down lines, electrical equipment struck by lightning and extreme weather events like tornados and winter storm Uri taking down poles on the city's main electrical feed line to town. Staffing for journeymen and linemen has been an issue for Beloit, because municipality pay is not as competitive as the private sector. The shortage of staff is apparent with the struggle of day-to-day maintenance of poles and line, or completing more complex projects with numerous electrical components attached to key poles. The Beloit grid is in desperate need of electrical pole structure replacement and upgrades to electrical equipment. Unfortunately, there has not been a year in recent memory when there was not an unplanned outage due to lack of maintenance. Most outages last between two to four hours, some more severe outages last even longer. The City of Beloit carries an unusually high load due to industrial customers. The plant structure and electrical equipment replacements projects requested in this grant application will greatly increase Beloit's electric reliability and resiliency to outages caused by extreme weather and failure due to lack of maintenance.
Provide pro rata customer impact of total project cost.	See Attachment D for a complete breakdown of customers per circuit. Attached in bid estimates.
Provide number of customers to be impacted by the project and percentage of impacted customers to total customers in the disadvantaged or underserved community.	A detailed breakdown is provided in Attachment A showing an estimated 2,761 individual accounts would be impacted by a full award. This represents over 80% of Beloit's overall population. Of this 20% over represent Beloit's population of residents 65 and older, which is an estimate of approximately 550 people in the impacted project area. Beloit also provided more than 17,600 discounted or free meals at the schools between 2023 -2024, this report is available as Attachment B this does not include subsidized snacks. According to the United States Census Bureau Beloit's median household income is more than 25% below the median income for the state of Kansas. Beloit's poverty population is 16.6% compared to the Kansas average of 11.2%, Beloit's poverty rate is almost 5.5% higher than the entire state of Kansas average. The requested projects in this grant application are systemic for Beloit therefore improving electric reliability and resiliency to the vast majority of Beloit's disadvantaged and underserved communities.
	Section 4: Complete Budget and Narrative
Award amount requested:	455325.84
Matching funds to be provided:	220074.16

Budget (Total Costs):

Budget Template DRAFT.xlsx

Project budget upload (optional):

Budget_for_Distribution_Rebuild.pdf

Project budget narrative:	Skilled staffing shortages, coupled with the city's sizable investment for GIS mapping there never seems to be enough funding to do all necessary projects. The GIS investment was critical for overall city operations due to Beloit retiring over 215 years of Beloit specific experience over the 18 months. Funds are being focused on developing staff, and equipment and contractors to try and bridge the gap of experience. The breakdown in the budget supported by the audit shows Beloit is capable of paying for the match portion of the grant. The grant funds and opportunity for highly skilled staff to assist with the projects are two critical aspects to project completion Beloit simply does not have. Complex projects, necessitating significant upgrades to the city's aging power grid are at a stage of life expectancy where the projects must be done, and the funding assistance through a grant award is the only Beloit can address these critical, high skill level projects. The grant application proposes projects to enhance the reliability and resiliency of the electrical system, including replacing old poles, upgrading circuits, and transitioning overhead lines to underground. These upgrades aim to prevent prolonged outages, crucial for the community's well-being, especially for elderly and low-income residents. The projects will also support economic growth by ensuring stable power for essential services and businesses.

Cost match commitment letter:

match_letter.pdf

	Section 5: Project Timeline
Project timeline:	After notification of the grant award the projected timeline is to place the project out to bid, and this project would be out for approximately 30 days. Prior to or simultaneously, materials will be purchased for the project. Typically, there at least a 60 day wait for contractors to schedule the project. It is estimated the power plant project will take 1 week to complete, the full circuitry project is scheduled for a full week and the downtown project will take 2 weeks to complete. All three projects could be completed in approximately one month, and that estimate takes into considerations slow downs due to weather. It is anticipated all materials will be able to be delivered while waiting during the bidding process and the contractor's schedule.
	Section 6: Bids and Estimates

Bids and estimates:

Beloit_-_Estimate_for_Upgrade_to_Electric_Distribution_System.pdf

project_pictures.docx

Grid_Res_Attachment_D.pdf

	Section 7: Community Benefit

Community benefit narrative:	The projects selected can be scaled. Each project can potentially be stand alone. Each aspect of this infrastructure grant application contains vital elements of the electric infrastructure and represents connecting points of multiple circuits. The fragile condition of each of these projects represents vulnerabilities in the city's electrical infrastructure where electric lines could fail and be unable to deliver any electricity to citizens, businesses, hospital, and one of only two grocery stores in the county. Each of these projects upon completion greatly bolsters the city's infrastructure and makes it much more robust and resilient to weather events. Each of the projects has deteriorated beyond being vulnerable during storms and are now critically in jeopardy of failing in normal day-to-day electric delivery. Having a reliable and resilient electrical system supports everyone in Beloit, making equity intransient to each project. Beloit has over 20% of the population represented by elderly and over 16.5% living in poverty. These projects reach beyond any demographic and improve everyone's quality of life. This especially, at a time when more people have medical devices at home from oxygen, CPAP machines, and in rural areas remote medicine providing reliable, resilient and safe electricity is imperative for businesses and citizens alike.
Provide historical measurements of resilience and reliability for the targeted areas of each proposed project.	Through the years Beloit has taken several measures to increase resiliency and reliability of the power grid by upgrading major critical electric infrastructure and equipment. In the last few years, Beloit has replaced all of the oil circuit breakers with vacuum breakers at the Power Plant and also at the 115 kV to 34.5 kV substation. Beloit has replaced the old circuit protection relays with new Schweizer relays to improve troubleshooting for outages and with being able to program the new relays for an automatic recloser we have eliminated most total circuit outages to more isolated outages due to critters getting into lines. We also vastly improved the protection of our power supply grid in case of a major electrical failure. These improvements fit the skillset of inexperienced linemen; the electrical infrastructure projects requested in this grant exceed staff's capability. All these complex components need to be replaced and staff being able to work alongside contractor journeymen through this grant is going be another tremendous benefit to Beloit as well.
Provide expected changes to the historical data as a result of each proposed project.	With the improvement of the physical infrastructure the expectation is for improved resiliency to the system overall. The looped line area will be able to support two circuits instead of only one now. The fix resulting in the looping, like so many other fixes, was the best that could be done at the time due to limited staff knowledge. Additionally, with the staff's increase in knowledge with being able to train with other journeymen the expectation is reduced outage time as well as fewer outage all together and being able to provide reliable electricity to the community. The complex pole system at the power plant will greatly increase the resiliency and reliability of those four circuits supporting the town. The business district and banks in Beloit will have improved resiliency and reliance as well. This upgrade will also make it possible for more business expansion of the downtown business district with the city's ability to provide or handle heavier electric loads.

Provide historical measurements of resilience and reliability for the entire system to determine whether the project is in an area that has, on average, more frequent or longer duration outages.	The project areas greatly impact the reliability and resiliency of electric delivery for Beloit in the future and mitigate issues and failures associated with extreme weather events, and high heat temperatures in the summer. The electrical structure by the power plant has the supply lines connecting four circuits at this one electrical intersection. All the circuits are important to supply reliable and safe power to our citizens and this project incorporates four individual circuits. The 2nd project included in the grant request is to replace two key transfer switches on two of Beloit's largest 12.470 kV circuits which supplies most of the industrial customers in town, including the hospital, emergency care, the only grocery store and all the fuel stations. Having the ability to tie the two circuits together to keep power flowing from either direction in case of outages in particular areas in the city. Right now, the line is operating only being able to provide one circuit, it had to be temporarily fixed with a loop shown in the pictures. Permanently, fixing this circuit provides duplicative features to give more resiliency and reliability to both circuits. The 3rd project in the grant application is supplying at least half of Beloit's downtown business district. This area of town also has three different banking financial institutions in town. Moving the overhead lines to underground lines as requested in this application will greatly increase the reliability and resiliency of the power supply for Beloit's entire downtown business district.
Provide age of system or line segments to be replaced or repaired, type of equipment that failed, and the number of annual outages for the project area.	The line structures selected for the grant application to be replaced are over 30 years old for each project and are in desperate need of replacement to ensure reliable power supply to the Beloit power grid. Through the years Beloit has had many pole failures due to high winds in storm situations and aging poles. There have been many outages due to old age on and under maintained electrical componence like insulators, old poles and old transfer switches that are not operational. If the structures identified in this application would fail, it would affect the vast majority of the town, and Beloit could easily be without power for days maybe even weeks waiting on replacement material and skilled contractors to complete the work; it would be catastrophic to our city. Should a failure happen, depending on the time of the year, severe heat or cold weather could easily create life-threatening situations. At a minimum, residential and business water pipes would freeze creating financial hardship for the citizens of Beloit.

Provide a number of protective devices (fuses or breakers) that have operated more than once in a rolling 12-month period.	The city has new Schweizer circuit protective relays at the power plant. The relays are programmed to reclose one time and if the fault still exists it will trip the circuit and stay off. This prevents smaller incidents like squirrels getting into lines causing a widespread outage and will hopefully keep the outage in an isolated area. In a rolling 12-month period we have multiple protective relay operations and in more severe cases several circuit breaker operations. Recently Beloit experienced a complete breaker failure and had to replace the B-3 breaker at the 12.470 kV substation. This breaker connects the 12.470 kV transformer to Beloit's supply bust for the entire city. While this problem has been resolved it represents the systemic and catastrophic impact of electrical systems failures. The projects selected for this grant application are key leverage points internal to Beloit and if updated provide a significant positive impact for a resilient, robust and reliable electrical delivery system.
Provide a number of customers impacted by project and the percentage to total customers served in Kansas.	According to the latest U.S. Energy Information Administration (EIA) "Electric Power Annual 2023" report the state of Kansas sold 41,052,000 million MW and this project represents 34,508 MW for Beloit. This represents less than .5% of the electricity compared against the entire state of Kansas electrical usage. The EIA numbers are from this link https://www.eia.gov/electricity/annual/customersales-map3.php and labeled as Attachment C. A link is available on the website to the full annual report. No confirmed data was able to be found on the total number of persons served by electricity in Kansas, therefore the comparison of overall electricity was used.
Description of efforts to attract, train, and retrain a skilled workforce for this project.	The need for resiliency in the electrical system is the primary reason for the application. A close second is the ability to incorporate training. The line crew in Beloit is young in apprenticeship training. A reason for the lack of maintenance for complex poles is the city simply does not have the skill level to maintain these complex poles. The grant award affords Beloit the opportunity to hire outside crews. Yes, the upgrade to the physical infrastructure is necessary to make the electric system more resilient, but the training staff will obtain from these projects will help maintain the city's resilience. Beloit has recruited through line schools and electricians wanting to transition their electrical skill set to electrical journeymen work. While recruitment efforts have been successful for motivated staff the city has been unable to recruit experienced journeymen. The curriculum for the journeyman is a 4-year minimum and Beloit has invested in the Kansas Municipal Utility (KMU) training program. Beloit regularly sends linemen and journeymen to training in addition to the KMU requirements to build and maintain skills. The city recently restructured the line department to a flat organization. This move creates opportunities for career development so journeymen can naturally gravitate to elements of work which they have a natural propensity for with hopes individuals grow to manage specific elements in the city and foster an environment where everyone understands the value of being a leader every day, and then mange projects falling into their specific area of expertise.

Provide an estimate of job creation due to this project.	The job creation is really about job security and making sure traveling journeyman crews have work. There are very few crews in rural areas and keeping them in work, so companies do not have to downsize are as important as creating jobs. In rural areas we work hard to keep the few quality jobs available, and these projects will have a direct and significant impact toward this goal. Additionally, this grant allows for additional training for linemen to promote to journeymen as they master skills working alongside other qualified journeymen, this directly leads to a better paying job and in Beloit this represents 5 staff already employed with the city. These positions just with the city of Beloit would impact the local economy to have more higher paying jobs. With more opportunities for this complex work, traveling journeymen companies that are willing to support rural will need to hire more staff to keep up with the demand as these additional dollars are infused to the region.
Identify any plans to partner with training providers to support workforce development.	If the city of Beloit is awarded this grant request the plan is to have Beloit's linemen work alongside the journeymen contracted for this project. The hands-on experience with the more complex elements of the electrical system will be a tremendous boost in linemen knowledge and experience. Beloit will continue to support linemen throughout the KMU journeyman curriculum. Attendance of conferences focused on electrical utility work is another opportunity being added for linemen. Meeting other journeymen in other communities helps staff build a network of journeymen, people they can call for advice and help 'bounce ideas' off. Additionally, one of the biggest efforts the city is implementing is geographic information systems (GIS) mapping. The city has contracted with the company SAM and maps are near completion. The city of Beloit in the next 6 months will have experienced over 215 years of Beloit specific experience retiring. This is the downside of strong employee retention. GIS mapping is a huge component for information, and this project in working with skilled journeymen would be a huge component to improve experience. The line department will have field ready tablets to take to work sites, and it gives them the ability to identify, map, learn, and understand how each electrical component works together and where it is located. Beloit will be able to capture information with GIS but there is no substitute for experience, and this project will be pivotal for linemen experience development.

Provide any other metric(s) that indicates potential community benefit.	The selected projects are designed for scalability, with each capable of functioning independently. Every element of this infrastructure grant application addresses crucial components of the electric infrastructure, serving as key connection points for multiple circuits. The fragile state of these projects highlights significant vulnerabilities within the city's electrical system, where failures could disrupt power supply to residents, businesses, the hospital, and one of only two grocery stores in the county. Completing these projects will significantly enhance the city's infrastructure, making it more robust and resilient against weather events. At this time, the condition of these projects has deteriorated to the point where they are at risk of failing even under normal operational conditions, not just during storms. A reliable and resilient electrical system is essential for everyone in Beloit, ensuring equitable access to power for all residents. With a notable percentage of the population being elderly or receiving government assistance, these improvements will benefit the entire community, enhancing the quality of life for all. In an era where many rely on home medical devices like oxygen machines, CPAP devices, and telemedicine in rural areas, ensuring a stable and secure power supply is crucial for both businesses and residents.
Confirmation that the applicant will comply with all Davis-Bacon Act requirements.	Yes
Confirmation that the applicant will comply with all Buy America Requirements.	Yes
Confirmation that the applicant will submit an environmental questionnaire (NETL Form 451.1-1-3), if required, for each work area proposed in the application.	Yes