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 #2025-105-NCRPC

Date: May 22, 2025

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

- Coversheet – provides a high-level overview of the application including a unique identification number, page 1 of 15 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 9-15.

Project Overview
The City of Glen Elder 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of the Electric Grid program for their City of Glen Elder Electric Meter Updates project which includes replacing outdated electric meters with radio-read technology to improve reliability and speed outage response.

This opportunity is a discretionary BIL program with a local match requirement of 48.33% of the total project cost. The entity is requesting $10,818.15 from the Build Kansas Fund, and is providing a local match of $569.38. This request has the potential to unlock $23,560.42 in federal funds, for a total project cost of $34,947.95.

The deadline was January 9, 2025, and this Build Kansas Fund application was received on April 22, 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	2025-105-NCRPC
Applicant Name	City of Glen Elder
Application Date Received	4/22/2025
Project Name	City of Glen Elder Electric Meter Updates
Project Description	Replacing outdated electric meters with radio-read technology to improve reliability and speed outage response
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	$10,818.15
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 $10,818.15 will unlock $23,560.42 in federal BIL funding, with a local cash contribution of $569.38 for a total project cost of $34,947.95
Steering Committee Funding Recommendation	**5/14/2025 | Recommend ☒ Declined ☐**
Advisory Committee Funding Recommendation	**5/22/2025 | Recommend ☐ Declined ☐**

Title

City of Glen Elder

04/22/2025

by **Jerri Senger** in **Build Kansas Fund Application**

id. 50330578

213 S. Market St.
PO Box 55
Glen Elder, Kansas
67446
United States
785-545-3322
glcity@nckcn.com

Original Submission

04/22/2025

Score	n/a
	Part 1: Applicant Information
The name of the entity applying for the Build Kansas Fund:	City of Glen Elder
Project Name:	City of Glen Elder Electric Meter Updates
Entity type:	Local Government
Entity Population:	362
Applicant Contact Name:	Jerri Senger
Applicant Contact Position/Title:	City Clerk
Applicant Contact Telephone Number:	+17855453322
Applicant Contact Email Address:	glcity@nckcn.com
Applicant Contact Address:	213 S. Market St.
Applicant Contact Address Line 2 (optional):	PO Box 55
Applicant Contact City:	Glen Elder

Applicant Contact State:	Kansas
Applicant Contact Zip Code:	67446
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:	$23,560.42 for a total project cost of $34,947.95
Enter the total project cost:	$34,947.95
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:	$10,818.15 for a total project cost of $34,947.95
Enter the non-federal cash match amount being provided by the eligible applicant, if applicable:	$569.38 for a total project cost of $34,947.95
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?	None

Will any American Rescue Plan Act (ARPA) or Coronavirus State & Local Fiscal Recovery Fund monies will be used for the non-federal match?	No
What other sources of in-kind match will be leveraged for this project? Please list and include the actual or estimated value of each.	None
What other funding sources (local, federal, or non-federal) will be used for this match?	None
Describe your efforts to find other available funding sources for this project:	N/A

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:

Submission__City_of_Glen_Elder_Electric_Meter_Updates.pdf

Provide any additional information about this project not covered in previous sections of this application (optional):	The City of Glen Elder, a rural Kansas town with a population of 362, is requesting financial assistance to purchase Itron radio-read electric meters. The city applied for and will be awarded the Section 40101(d) second round grant in the amout of $23,560.42. The city seeks matching funds of $10,818.15 from the Build Kansas Fund and will cash match $569.38. The total cost for this project is $34,947.95. The city maintenance crew will install the new Itron meters to all the residences and businesses in town. Replacing the old and highly sun-faded meters with the new radio-read electric meters will allow for the ability to immediately signal an outage, as well as automatically verify when power is restored. These meters can also be used to identify potential reliability problems before they become an outage.

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.	Jerri Senger
Position/Title:	City Clerk
Additional:	
Position/Title:	
Additional:	
Position/Title:	
Additional:	
Position/Title:	

Source	Amount	% of Project
Build Kansas Funds (non-federal match)	$10,818.15	30.96%
Eligible Applicant Cash Match	$569.38	1.63%
Eligible Applicant In-Kind Match (estimated value)	$0.00	0%
BIL Federal Funds (applied for)	$23,560.42	67.42%
Additional Project Contribution (if applicable)	$0.00	0%
TOTAL PROJECT COST	**$34,947.95**	**100%**

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

Zip Code	% of project in zip code
67446	100%
	100% In Kansas

Title

City of Glen Elder_Electric Meter Updates

01/09/2025

id. 49284447

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

213 S. Market St.
PO Box 55
Glen Elder, Kansas
67446
United States
785-545-3322
glcity@nckcn.com

Original Submission

04/10/2025

	Section 1: Applicant Information
Entity name:	City of Glen Elder
Are you submitting a new application, or will you be resubmitting the application you submitted last round?	New Application
Entity Type:	Distribution Provider
Entity address:	213 S Market Street Box 55 Glen Elder KS 67446 US 39.4975569 -98.3074415
Employer Identification Number (EIN):	48-6021729
Unique Entity Identifier (UEI):	HLN6BZG7WS32

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

WAPA_RMR_SCP_5-Year_Report_-_2022.docx

Glen_Elder_-_2023_Electric_Sales.pdf

EIA Table

2023 Utility Bundled Sales to Ultimate Customers List.xlsx

Project Manager name:	Jerri Senger
Project Manager phone number:	+17855453322
Project Manager e-mail address:	glcity@nckcn.com

IRS Form W-9:

Glen_Elder_-_W-9.pdf

Latest financial statement and financial statement audit:

2023_Glen_Elder_Audit.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:	City of Glen Elder_Electric Meter Updates
Project type:	Monitoring and control technologies

Project description and scope:	The City of Glen Elder, a small utility that purchases electricity from Sunflower Electric Company and WAPA Electricity, then sells it to residents through city-owned lines and meters, are seeking assistance to replace inefficient and aging electric meters. The current meters are old and highly sun-faded, making them nearly impossible to read. The new Itron radio-read electric meters would allow for the ability to immediately signal an outage, as well as automatically verify when power is restored. These meters can also be used to identify potential reliability problems before they become an outage. They will quickly detect and communicate the scope of the outage, freeing the utility from reliance on customer calls to figure out exactly what's going on. Sensor data can help optimize the dispatch and management of field resources to speed restoration times and help the utility provide customers with better information, such as positive acknowledgment to customers that the utility knows about the outage and deliver accurate estimation of when power will be restored. The city would like to begin this project as soon as possible, as inefficiencies with the current system may lead to disruption in the case of extreme weather. This would be the case if the city crew, consisting of 3 full-time employees, is not able to accurately read the meters after a heavy snow or other extreme natural disaster event. The city's 3-person crew would be able to replace the old meters in 2 to 4 weeks after the grant funds are awarded and the new meters are purchased and delivered. The city is switching to cloud-based software early in 2025 and manually read meter usage information will be more laborious to input into the new software each month. There are 240 residential meters, 31 three-phase meters, and a renewable energy meter all needing replacement. In total, to replace the residential and large electric meters the cost is $34,947.95.
	Section 3: Need for Funding
Project funding need:	The City of Glen Elder is a rural town with a population of 362 residents. In the Climate and Economic Justice Screening tool, the City of Glen Elder is located in tract 20123176700 in Mitchell County, KS. This tract is considered disadvantaged due to many burdens including climate change , energy and legacy pollution. Please see the attached report from the Energy Justice Tool report under the "Bids & Estimates" tab.
Provide historical and post project estimated interruption frequency and duration data, if known.	The City of Glen Elder has a proactive focus on preventing outages before they happen. Due to this, the City makes frequent updates to their system as needed when issues arise to prevent outages. The most recent outage was in July 2022 when a wire was burnt off of the main power meter. The outage only lasted a few hours.
Provide pro rata customer impact of total project cost.	Due to the City of Glen Elder solely purchasing the Itron radio-read electric meters, there should be no pro rata customer impact of the total project cost.

Provide number of customers to be impacted by the project and percentage of impacted customers to total customers in the disadvantaged or underserved community.	The City of Glen Elder has a population of 362 with 240 residential hookups and 32 large meters to cover the whole city. 100% of these customers will be impacted by the project as all meters will be updated to the Itron radio-read electric meters.
	Section 4: Complete Budget and Narrative
Award amount requested:	23560.42
Matching funds to be provided:	11387.53
Budget (Total Costs): **Budget Template DRAFT.xlsx**	
Project budget upload (optional):	
Project budget narrative:	The City of Glen Elder is requesting financial assistance to purchase the Itron radio-read electric meters only. The three city maintenance employees will be the ones installing the new meters to reduce the cost. 240 residential meters will need replaced. Each new Itron radio-read electric meter is $79.18. This is a total cost of $19,003.20. 31 three-phase meters will need replaced at $420.63 each. This is a total cost of $13,039.53. Finally, a renewable energy meter is also needing replaced. This meter costs $369.30. Total cost for all meters to be replaced, including sales tax of $2,535.92, equals $34,947.95.
Cost match commitment letter: **Cost_Match_Commitment_Letter.pdf**	
	Section 5: Project Timeline
Project timeline:	The timeline of this project consists of 3 portions: purchasing, shipping and labor. Once the City of Glen Elder receives the funding, they will purchase the Itron radio-read electric meters. Upon arrival of these electric meters, installation by the three city maintenance employees will take 2-4 weeks.
	Section 6: Bids and Estimates
Bids and estimates: **GLEN_ELDER_-_ITRON_METERS_1-3-25.pdf** **KS-Mitchell-Tract20123176700_EJ_DAC_Report.pdf**	
	Section 7: Community Benefit

Community benefit narrative:	The City of Glen Elder is in need of new electrical meters due to the age of the current meters. The current meters must be read manually, but due to their age they are highly sun-faded, leading to increased chances of inaccurate readings. The new Itron radio-read electric meters can assist in identifying potential reliability problems before they become outages, detect and localize outages much more quickly, manage field services crews more efficiently to accelerate restoration and improve customer satisfaction by providing more accurate and timely information. Furthermore, accurate readings will decrease overhead for the city, so they can avoid purchasing more energy than they need. Avoiding over-purchasing can lead to more of the city budget going to other projects that benefit the community, for example, the water infrastructure project the city is currently working towards.
Provide historical measurements of resilience and reliability for the targeted areas of each proposed project.	The City of Glen Elder has a proactive focus on preventing outages before they happen. Due to this, the City makes frequent updates to their system as needed when issues arise to prevent outages. Since the City of Glen Elder is a small system purchasing power from a larger company, they have recently partnered with KMEA to assist them in becoming more efficient. The most recent step the City of Glen Elder has taken was to replace their only breaker in November 2024.
Provide expected changes to the historical data as a result of each proposed project.	The expected changes would include more accurate and efficient data collection. In the past, the current meters were hard to read. The new Itron radio-read electric meters can assist in identifying potential reliability problems before they become outages, detect and localize outages much more quickly, manage field services crews more efficiently to accelerate restoration and improve customer satisfaction by providing more accurate and timely information.
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 City of Glen Elder has a proactive focus on preventing outages before they happen. Due to this, the most recent outage was in July 2022. The City makes frequent updates to their system as needed when issues arise to prevent outages. Since the City of Glen Elder is a small system purchasing power from a larger company, they have recently partnered with KMEA to assist them in becoming a stronger and more efficient. The most recent step the City of Glen Elder has taken was to replace their only breaker in November 2024.
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.	Some parts of the City of Glen Elder system are from the 1970s and 1980s. The City is working diligently to update all portions of their system. The most recent outage was in July 2022 and was caused from a wire that got burnt off of the main power meter. The most recent repair included a new breaker in November 2024.

Provide a number of protective devices (fuses or breakers) that have operated more than once in a rolling 12-month period.	The City of Glen Elder has just recently replaced their breaker in November 2024.
Provide a number of customers impacted by project and the percentage to total customers served in Kansas.	The City of Glen Elder is a small entity that includes their population of 362 people.
Description of efforts to attract, train, and retrain a skilled workforce for this project.	The City of Glen Elder is a member of KMEA that assists in providing training opportunities.
Provide an estimate of job creation due to this project.	The City of Glen Elder is a member of KMEA that assists in job creation.
Identify any plans to partner with training providers to support workforce development.	The City of Glen Elder is currently working with KMEA with any electric assistance the City will need.
Provide any other metric(s) that indicates potential community benefit.	Advanced metering infrastructure is able to improve reliability and outage management both in large-scale, storm-related outages as well as much smaller and localized or “nested” outages that occur for various reasons on the grid every day. And the data from these meters enhances both the utility’s ability to detect and localize the outage, but also speed restoration.
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