

Section 1: Overall Project Summary and Approach

a. Description of GHG Reduction Measures

Installation of solar panels will reduce electricity generation needed to support city facilities. Selection of a contractor will take place after issuance of a request for proposals. There are no inherent risks due to the number of solar contractors available.

b. Demonstration of Funding Needed

Current city funds are not enough to install solar panels on city facilities. Long-term debt would need to be issued to complete this project if grant funding is not attained. This is the first grant the city has applied for to fund this project.

c. Transformative Impact

Installation of solar panels will mark a change in thinking for the city and will lead to other projects that will reduce GHG. The reduced cost of electricity to the city will reduce the financial burden of residents.

Section 2: Impact of GHG Reduction Measures

a. Magnitude of GHG Reductions from 2025 through 2030

The total reduction is 3,010 metric tons (602 metric tons annually).

b. Magnitude of GHG Reductions from 2025 through 2050

The total reduction is 15,050 metric tons (602 metric tons annually).

c. Cost Effectiveness of GHG Reductions

The cost effectiveness of GHG reductions is $\$2,000,000 / 3,010 \text{ metric tons} = \$664.45 \text{ per metric ton}$.

d. Documentation of GHG Reduction Assumptions

See attached Technical Appendix

Section 3: Environmental Results – Outputs, Outcomes, and Performance Measures

a. Expected Outputs and Outcomes

Reduced GHG and lower operating costs for city will provide immediate relief to utility customers and property owners in Haysville due to pass through savings as a result of solar power being used to power city facilities.

b. Performance Measures and Plan

Performance will be measured by comparing traditionally generated energy after the solar installation with pre-installation usage amounts. We will use the results to calculate the actual reduction in GHG due to the solar panel installation.

c. Authorities, Implementation Timeline, and Milestones

The city will issue a request for proposals to solar panel contractors. The selected contractor will perform installation of the solar panels. City administrators will have the performance measures performed to determine actual GHG reduction as a result of the project.

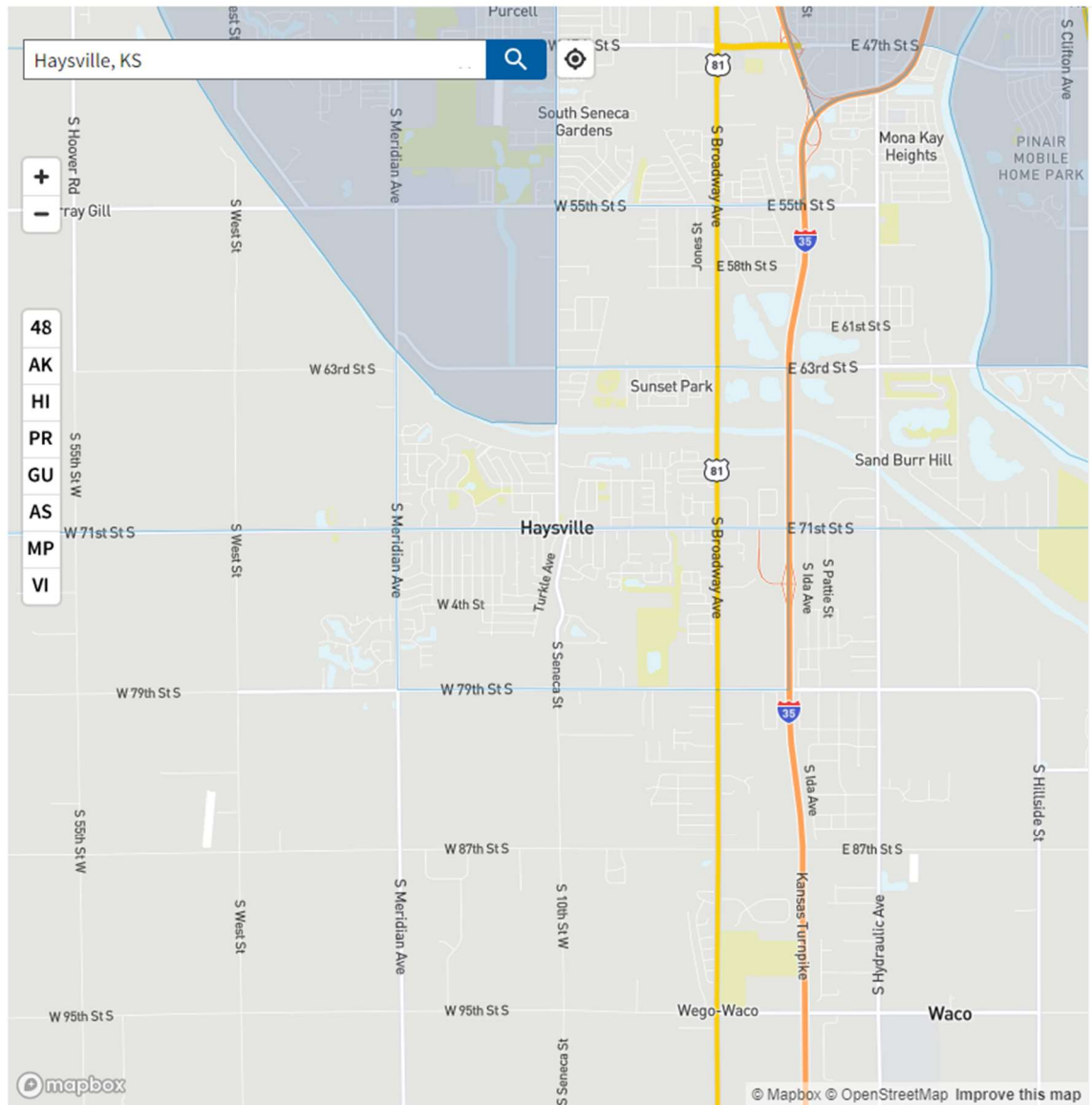
Section 4: Low-Income and Disadvantaged Communities

a. Community Benefits

Everyone in the community will benefit from reduced property taxes and utility bills. These

direct savings will help low-to-moderate income residents by reducing their property taxes and utility bills. Residents will also have a sense of pride in the city working toward improving living conditions in the region.

CEJST Screening Tool Map:



b. Community Engagement

The amount of savings through utility bill reduction will be similar in amount for all residents, but the amount will be a higher percent of income for disadvantage residents than for affluent residents.

Section 5: Job Quality

The contractor with the best proposal will most likely employ workers living in the region which could include Haysville residents who are the individuals who will benefit from the project.

Section 6: Programmatic Capability and Past Performance

a. Past Performance

1. Broadway Multi-use Pathway

- i. Kansas Department of Transportation (KDOT) Cost Share Agreement
- ii. Project will add 8' multi-use pathway on the west side of Broadway Avenue from just south of the M.S. Mitch Mitchell Floodway bridge to Berlin Street
- iii. Project is in design phase and will be bid out at a later date
- iv. Contact is KDOT (785) 296-3566

2. N. Main/63rd/Mabel Multi-use Pathway

- i. Wichita Area Metropolitan Planning Organization (WAMPO) Transportation Alternatives Project
- ii. Project will add 8' multi-use pathway on the east side of Main Street/Seneca Street to 63rd Street and then east to Mabel Street
- iii. Project has been bid out with construction starting in the summer of 2024
- iv. Contact is WAMPO (316) 779-1313

3. Sunset Fields Street and Drainage Improvements

- i. Community Development Block Grant for Community Facilities
- ii. Improvements
 1. Project replaced sand/gravel roads with curb/gutter and asphaltic pavement
 2. Project installed storm water pipe for drainage purposes
- iii. Project is complete
- iv. Contact is Kansas Department of Commerce (785) 296-3481

b. Reporting Requirements

All reporting requirements were met on the completed Sunset Fields project. All reporting requirements have been met to date on the two projects that are in progress.

c. Staff Expertise

Staff has extensive experience managing projects and completing required documentation.

Section 7: Budget

a. Budget Detail

We will not charge administrative time to the project. All funds will be used to pay contractor chosen to install solar panels and associated equipment at city facilities.

b. Expenditure of Awarded Funds

If awarded CPRG funding, we will immediately move forward with preparing the request for proposals (RFP), approval by City Council, and issuance of the RFP. We will then timely review all proposals and move forward promptly with City Council approval and awarding of the contract for the best proposal. Time limits will be in the contractor agreement to ensure timely completion of the project.

c. Reasonableness of Costs

Cost estimates have been reviewed to install solar at city facilities. The total cost to install solar panels and associated equipment will be sole use of grant funds.