



Rural Energy for America Program

What we've been doing, the possibilities and the future?

Rural Energy for America Program (REAP) Background

Farm Bill authorizes
Rural Development's
First Energy
Program, Section
9006

2002

2008

Farm Bill
reauthorized
the energy
programs

2014

2018

Farm Bill energy program was
reauthorized and titled: **Rural Energy for
America Program (REAP)**, Section 9007

2008 Farm Bill also created new energy
programs

- Biorefinery Assistance
- Repowering Assistance
- Bioenergy Program for Advanced Biofuels

Farm Bill reauthorized 3
of the 4, letting the
Repowering Assistance
program expire

2022 REAP | Inflation Reduction Act (IRA) Funding: Background



The Rural Energy for America Program was funded with an additional \$2.02 billion dollars over the next decade to invest in over 45,000 farms and small businesses



Investment

- \$1.7 Billion for REAP
- \$304 Million for underutilized technologies and technical assistance



RD Obligations | Overview

For USDA Internal Use Only

OEA Announced

All



Fiscal Year 2022	Region All	State Name All	Agency Rural Business-C..	Program Area All	Subprogram Rural Energy for..	Investment Type Grant Funds	Funding Code (T.. All	Recipient Type All	NAICS Industry All	Special Initiatives All
---------------------	---------------	-------------------	------------------------------	---------------------	----------------------------------	--------------------------------	--------------------------	-----------------------	-----------------------	----------------------------

[View Table](#)

\$48,815,431

TOTAL OBLIGATIONS

Grant Funds
\$50M

1,210

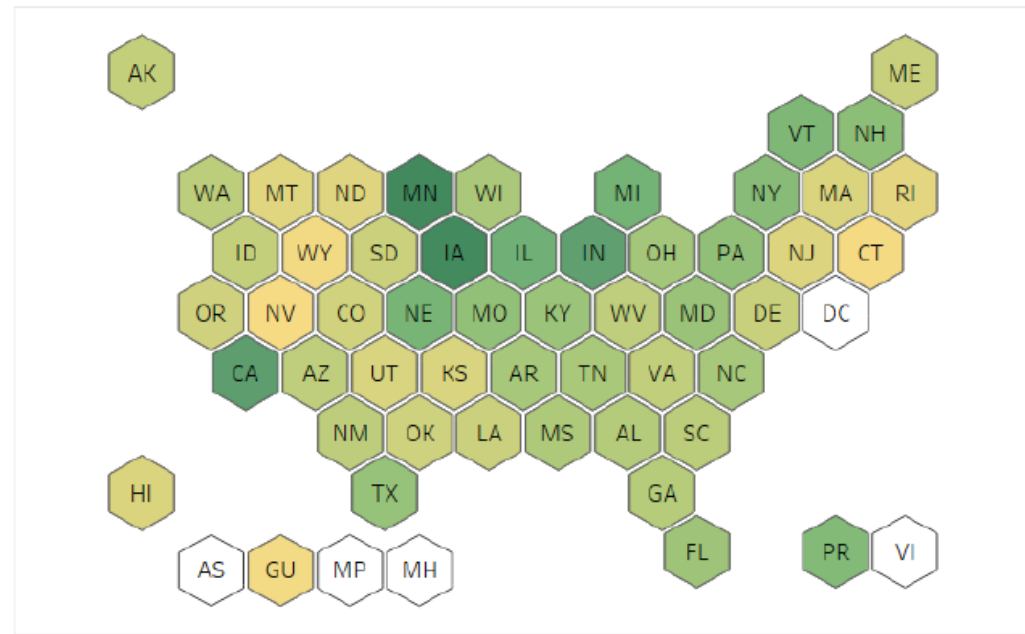
OBLIGATION COUNT

Grant Funds
1,251

	Obl Amt	Obligation Count
Business Programs	\$49,920,577	1,251

OBLIGATIONS AMOUNT BY STATE

Select a State on the filter above or on the map below. Then click on the Zoom (+) button to view the county or congressional map



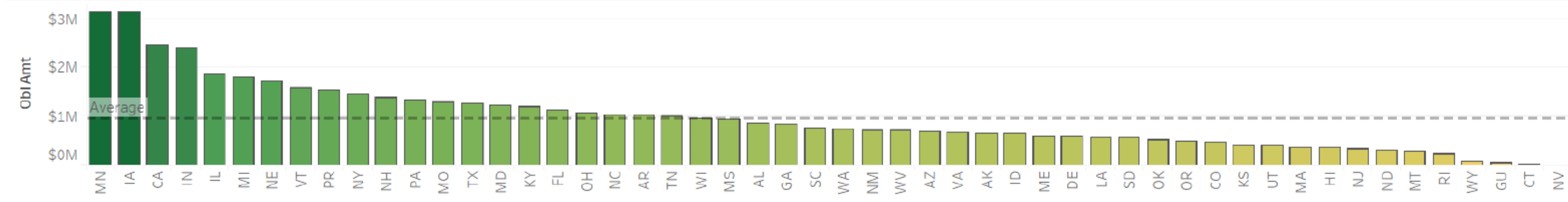
[Zoom \(+\) County](#)

[Zoom \(+\) Congressional](#)

Obligations with unknown counties or congressional districts will not render on applicable map views. Electric and Telecom obligations will not be displayed on the zoom-level maps because these projects serve multiple counties. They are included in the State level. Contact the applicable Program for county level data to review counties served.

OBLIGATION AMOUNT BY STATE

[Highlight Obl State](#)
No items highlighted



Fiscal Year 2022	Region Midwest Region	State Name Minnesota	Obligation Count.. All	Program Area Business Progra..	Subprogram Rural Energy for..	Investment Type Grant Funds	Funding Code (T.. All	Recipient Type All	NAICS Industry G.. All	Special Initiatives All
---------------------	--------------------------	-------------------------	---------------------------	-----------------------------------	----------------------------------	--------------------------------	--------------------------	-----------------------	---------------------------	----------------------------

[View Table](#)



\$3,142,013

OBLIGATIONS

Grant Funds
\$3M



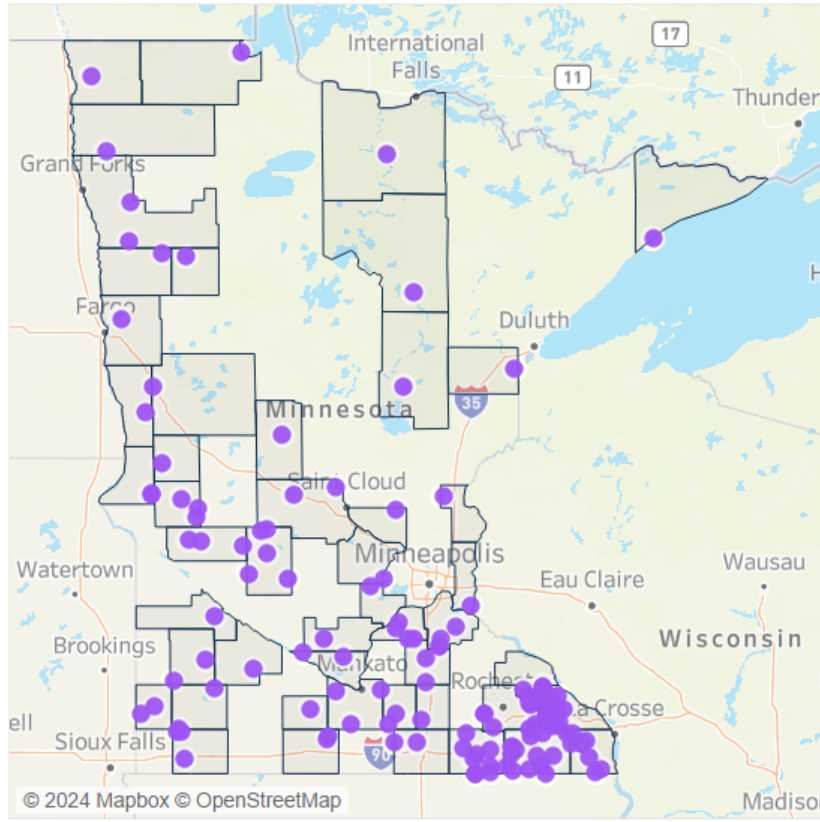
131

OBLIGATION COUNT

Grant Funds
131

OBLIGATIONS LOCATIONS | Points Represent Obligation

Geolocation (Lat/Long)
FY2022; Midwest Region: Alabama & Minnesota; County: All (City: All);
Program: Business Programs



Obligations with unknown geolocation (lat/long coordinates) will not display on map; Some points might not be visible if at same Lat/Long. Telecom and Electric are excluded.

BP

OBL AMOUNT RANKING BY COUNTY | Alabama & Minnesota

[Click to Expand to Cities within Selected County](#)

Winona	\$280,150
Polk	\$270,000
Fillmore	\$258,973
Mower	\$187,208
Olmsted	\$180,063
Nobles	\$165,521
Houston	\$137,145
Stevens	\$133,844
Kandiyohi	\$129,054
Swift	\$128,504
Clay	\$125,000
Scott	\$104,341
Dakota	\$75,081
Grant	\$67,500
Marshall	\$60,307
Blue Earth	\$47,632
Lyon	\$40,000
Martin	\$40,000
Nicollet	\$40,000
Traverse	\$39,750
Otter Tail	\$39,540



PROGRAM BREAKDOWN | [Click to Filter](#)

	Obl Amt	Obligation Count
Business Programs	\$3,142,013	131

Fiscal Year 2023	Region All	State Name All	Agency Rural Business-C..	Program Area All	Subprogram Rural Energy for..	Investment Type Grant Funds	Funding Code (T.. All	Recipient Type All	NAICS Industry All	Special Initiatives All
---------------------	---------------	-------------------	------------------------------	---------------------	----------------------------------	--------------------------------	--------------------------	-----------------------	-----------------------	----------------------------

[View Table](#)

\$423,592,442

TOTAL OBLIGATIONS

Grant Funds
\$436M

2,893

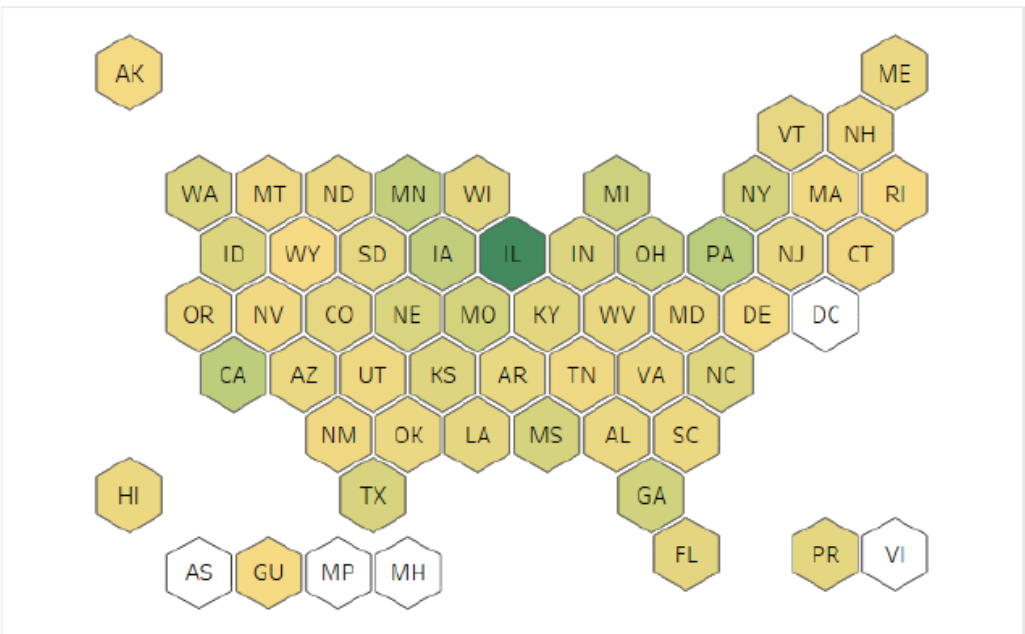
OBLIGATION COUNT

Grant Funds
2,997

	Obl Amt	Obligation Count
Business Programs	\$435,573,124	2,997

OBLIGATIONS AMOUNT BY STATE

Select a State on the filter above or on the map below. Then click on the Zoom (+) button to view the county or congressional map



[Zoom \(+\) County](#)

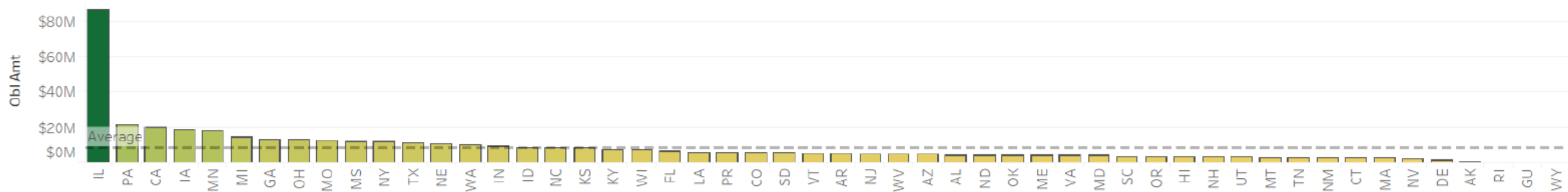
[Zoom \(+\) Congressional](#)

Obligations with unknown counties or congressional districts will not render on applicable map views. Electric and Telecom obligations will not be displayed on the zoom-level maps because these projects serve multiple counties. They are included in the State level. Contact the applicable Program for county level data to review counties served.



OBLIGATION AMOUNT BY STATE

[Highlight Obl State](#)
No items highlighted



Fiscal Year 2023	Region Midwest Region	State Name Minnesota	Obligation Count.. All	Program Area Business Progra..	Subprogram Rural Energy for..	Investment Type Grant Funds	Funding Code (T.. All	Recipient Type All	NAICS Industry G.. All	Special Initiatives All
---------------------	--------------------------	-------------------------	---------------------------	-----------------------------------	----------------------------------	--------------------------------	--------------------------	-----------------------	---------------------------	----------------------------

[View Table](#)



\$18,057,976

OBLIGATIONS

Grant Funds
\$18M



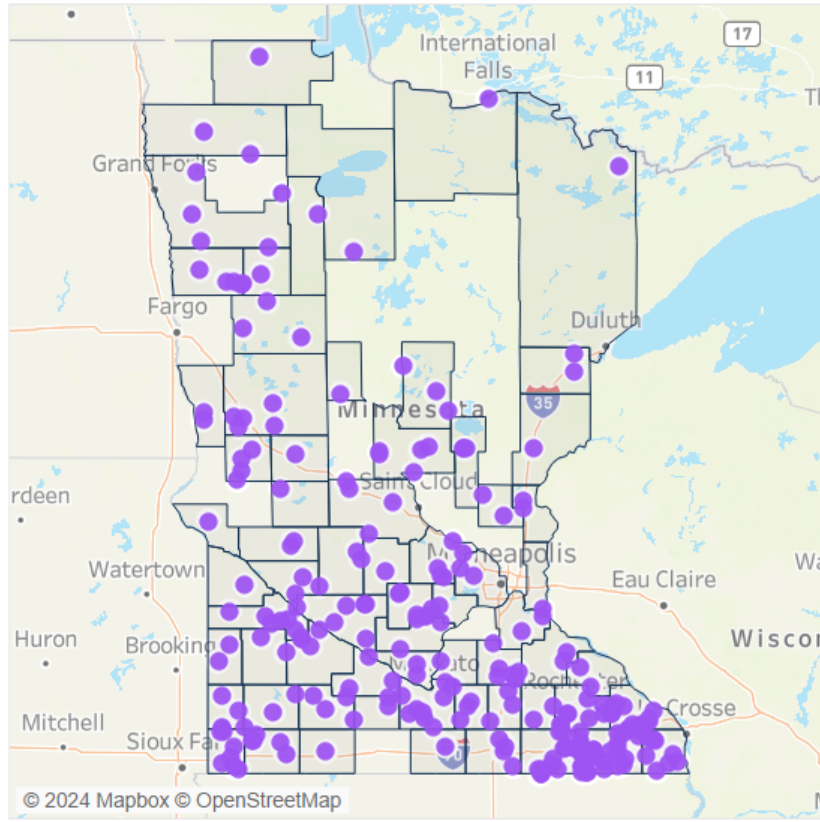
244

OBLIGATION COUNT

Grant Funds
244

OBLIGATIONS LOCATIONS | Points Represent Obligation

Geolocation (Lat/Long)
FY2023; Midwest Region: Alabama & Minnesota; County: All (City: All);
Program: Business Programs



Obligations with unknown geolocation (lat/long coordinates) will not display on map; Some points might not be visible if at same Lat/Long. Telecom and Electric are excluded.

BP

OBL AMOUNT RANKING BY COUNTY | Alabama & Minnesota

[Click to Expand to Cities within Selected County](#)

Chippewa	\$1,121,078
Mower	\$1,063,146
Polk	\$872,041
Blue Earth	\$856,007
Fillmore	\$842,009
Grant	\$668,122
Rice	\$638,290
Morrison	\$625,989
Crow Wing	\$589,838
Yellow Medicine	\$561,583
Winona	\$509,358
Olmsted	\$483,530
Stearns	\$480,371
Otter Tail	\$463,979
Renville	\$451,212
McLeod	\$419,961
Rock	\$418,254
Norman	\$398,433
Wilkin	\$393,776
Swift	\$352,272
Steele	\$351,720



PROGRAM BREAKDOWN | [Click to Filter](#)

	Obl Amt	Obligation Count
Business Programs	\$18,057,976	244

Fiscal Year 2024	Region All	State Name All	Agency Rural Business-C...	Program Area All	Subprogram Rural Energy for..	Investment Type Grant Funds	Funding Code (T.. All	Recipient Type All	NAICS Industry All	Special Initiatives All
---------------------	---------------	-------------------	-------------------------------	---------------------	----------------------------------	--------------------------------	--------------------------	-----------------------	-----------------------	----------------------------

[View Table](#)



\$684,995,653

TOTAL OBLIGATIONS

Grant Funds

\$719M



4,225

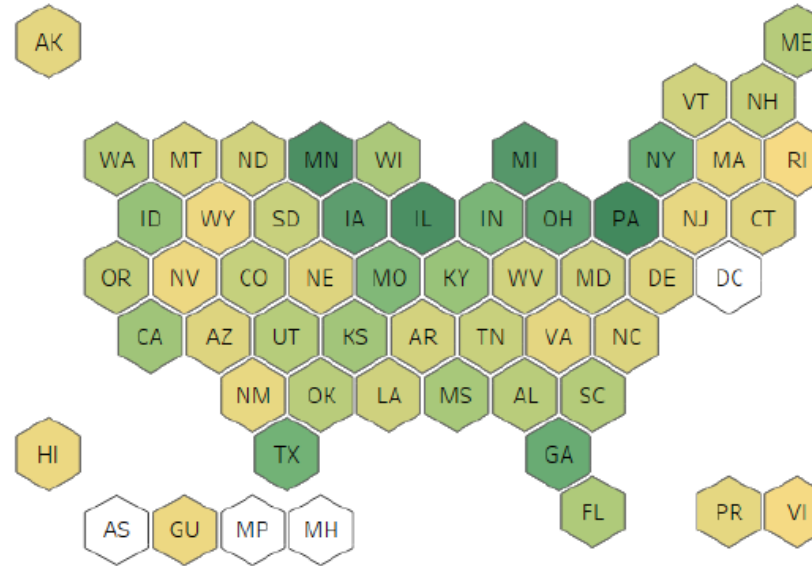
OBLIGATION COUNT

Grant Funds

4,458

OBLIGATIONS AMOUNT BY STATE

Select a State on the filter above or on the map below. Then click on the Zoom (+) button to view the county or congressional map



[Zoom \(+\) County](#)

[Zoom \(+\) Congressional](#)

Obligations with unknown counties or congressional districts will not render on applicable map views. Electric and Telecom obligations will not be displayed on the zoom-level maps because these projects serve multiple counties. They are included in the State level. Contact the applicable Program for county level data to review counties served.

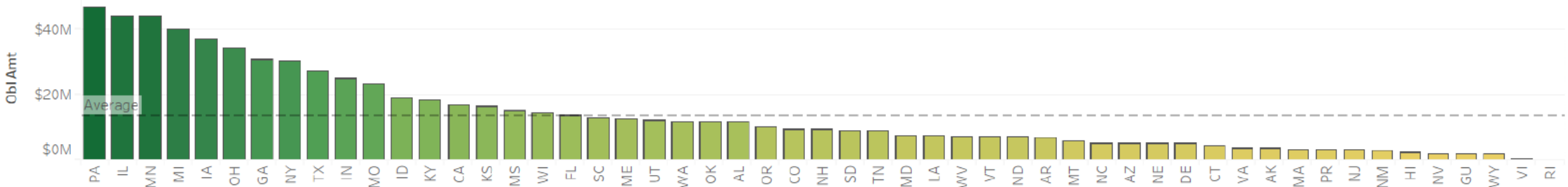
	Obl Amt	Obligation Count
Business Programs	\$719,264,218	4,458

Obl Amt \$98,385 to \$47,146,354

OBLIGATION AMOUNT BY STATE

[Highlight Obl State](#)

No items highlighted



Fiscal Year 2024	Region Midwest Region	State Name Minnesota	Obligation Count.. All	Program Area Business Progra..	Subprogram Rural Energy for..	Investment Type Grant Funds	Funding Code (T.. All	Recipient Type All	NAICS Industry G.. All	Special Initiatives All
---------------------	--------------------------	-------------------------	---------------------------	-----------------------------------	----------------------------------	--------------------------------	--------------------------	-----------------------	---------------------------	----------------------------

[View Table](#)



\$44,077,819

OBLIGATIONS

Grant Funds
\$44M



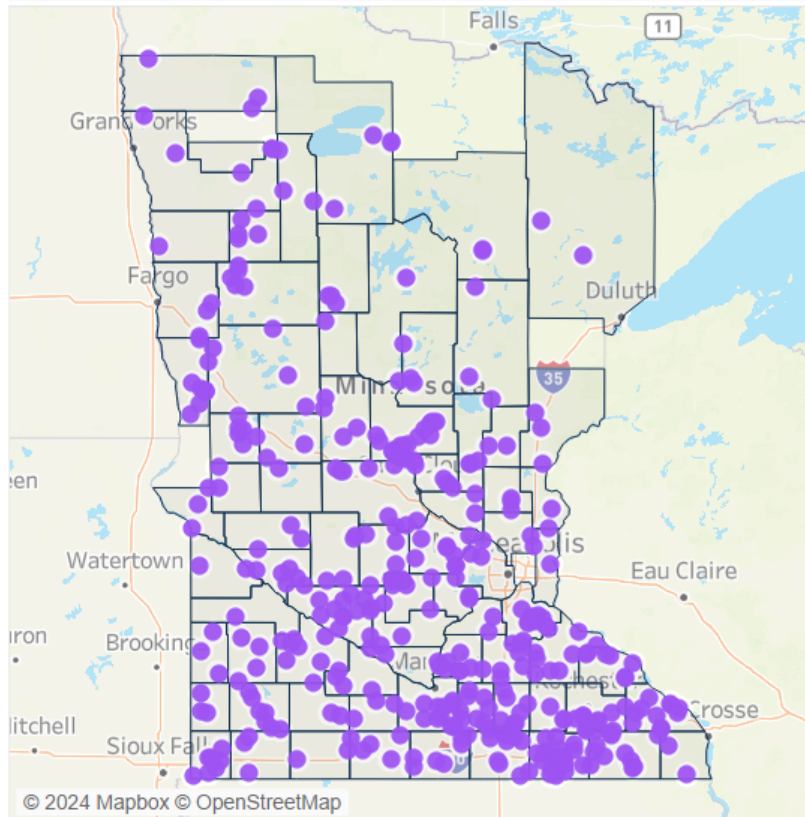
386

OBLIGATION COUNT

Grant Funds
386

OBLIGATIONS LOCATIONS | Points Represent Obligation

Geolocation (Lat/Long)
FY2024; Midwest Region: Alabama & Minnesota; County: All (City: All);
Program: Business Programs



Obligations with unknown geolocation (lat/long coordinates) will not display on map; Some points might not be visible if at same Lat/Long. Telecom and Electric are excluded.



OBL AMOUNT RANKING BY COUNTY | Alabama & Minnesota

[Click to Expand to Cities within Selected County](#)

Renville	\$2,907,152
Waseca	\$1,965,224
Freeborn	\$1,619,361
Mower	\$1,475,936
Becker	\$1,442,446
Wilkin	\$1,419,819
Morrison	\$1,315,149
Benton	\$1,277,888
Blue Earth	\$1,277,710
Hennepin	\$1,152,265
Grant	\$1,130,732
Sibley	\$1,093,733
Kanabec	\$1,055,350
Redwood	\$908,155
Murray	\$862,865
Polk	\$856,109
Chippewa	\$807,412
Dakota	\$797,429
Nicollet	\$776,411
Faribault	\$767,973
Steele	\$729,208



PROGRAM BREAKDOWN | [Click to Filter](#)

	Obl Amt	Obligation Count
Business Programs	\$44,077,819	386

REAP Financial Assistance Types

Grants



Loan Guarantees

Combination Grant/Loan Guarantees



Funding Requirements for REAP Grants

Up to 50%*
of Eligible Project Costs

 Renewable Energy Systems		 Energy Efficiency Improvements	
Minimum Total Project Cost	\$10,000	Minimum Total Project Costs	\$6,000
Maximum Grant Request	\$1,000,000	Maximum Grant Request	\$500,000

*Must meet requirements to be eligible for 50%.

*Maximum financing for loan/grant combo is 75% of eligible project cost.

REAP Project Types

Renewable Energy Systems (RES)

Energy Efficiency Improvements (EEI)

Energy Efficiency Equipment and Systems (EEE)
for Agricultural Production or Processing
(Loan Guarantee Only)





Renewable Energy Eligible Projects



Solar



Wind



Small Hydroelectric
(below 30 megawatts)



Anaerobic Digesters



Biomass



Geothermal



Wave/Ocean Power



Energy Efficiency Eligible Projects



Lighting



Heating



Cooling



Ventilation



Fans



Automated Controls



Insulation



Energy Efficiency Improvement (EEI)

SMBSC



Updates to the juice purification system

\$114,071 REAP Grant

- Saved 224,163,790 KWH – 22% energy savings
- \$3.5 Million dollars saved annually

Combined Heat & Power

Heartland Corn Products



Existing Ethanol Plant

Installation Combined Heat & Power System

- \$1,000,000 REAP Grant
- \$24,000,000 Total Product Cost

6.5 MGY increase ethanol production, increased DDGS & less electricity purchased



Application Requirements



RES Projects may require a full technical report and/or a feasibility study

EI projects require an energy assessment or energy audit

Projects involving over 10 acres may require a more detailed environmental review

Do not begin construction or incur costs prior to Agency confirmation.

What funding is available for Energy Efficient Equipment and Systems (EEE) Assistance?

Energy Efficient Equipment & Systems Assistance (EEE)



The 2018 Farm Bill expanded REAP provisions to include guaranteed loan funding up to 15% to agricultural producers for Energy Efficient Equipment and Systems (EEE).



The funding is a guaranteed loan ONLY. Loan funds can be used for the purchase and installation of equipment that exceeds current efficiency standards.

Energy Efficient Equipment and Systems Assistance (EEE) Equipment Installation



Hydroponic Greenhouse

State of the art commercial scale hydroponic tomato facility using combined heat and power to maximize efficiencies

- \$66,662,731 Total Project Cost
- \$17,000,000 REAP Guarantee
- \$24,500,000 B&I Guarantee



Replacing 25,613,890 (kWh) of electricity per year - enough to power 2,364 houses

What does the future hold?

FY 2025, 2026 & 2027

Notice of
funding
opportunity
published
October 16,
2024

\$180 Million
annually

FY 25
Deadlines –
December
31, 2024 &
March 31,
2025

Contact Information

Ron Omann
Minnesota State Energy Coordinator

ron.omann@usda.gov

651-602-7796

www.rd.usda.gov



USDA is an equal opportunity provider, employer, and lender.