

**USDA Rural Development
Fertilizer Production Expansion Program and Rural Energy for America Program
March 28, 2024**

State	Rural Energy for America Program Awards Dated March 28, 2024	Recipient	Grant Amount	Description
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Lyle Opheim	\$49,337	This Rural Development investment will be used to help Lyle Opheim install a 40 kilowatt (kW) solar array at his turkey production operation near Postville, Allamakee County, Iowa. This project is expected to realize \$8,433 per year in savings and will replace 53,999 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power five homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Community Investments LLC	\$23,080	This Rural Development investment will be used to help Community Investments LLC install a 17.6 kilowatt (kW) solar array at its car washing operation in Postville, Allamakee County, Iowa. This project will realize \$2,829 per year in savings and will replace 16,680 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power one home.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Lee Rottinghaus	\$48,375	This Rural Development investment will be used to help Lee Rottinghaus, owner of a livestock production operation near Jesup, Black Hawk County, Iowa, install a 34.2 kilowatt (kW) solar array. This project is expected to save \$5,628 per year. It will replace 57,597 kilowatt hours (kWh) (109 percent of the farm business energy usage) per year. This is enough energy to power five homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Reflections Glass & Mirror Inc.	\$37,849	This Rural Development investment will be used to help Reflections Glass & Mirror Inc., a residential, commercial, and automotive glass and mirror sales and maintenance business in Ames, Story County, Iowa, install a 33 kilowatt (kW) solar array. This project is expected to save \$7,683 per year. It will replace 46,293 kilowatt hours (kWh) (86 percent of the business energy usage) per year, which is enough energy to power four homes.

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Garett Hagenow	\$28,276	This Rural Development investment will be used to help Garett Hagenow install a 36.4 kilowatt (kW) solar array at his hog and pig production farm operation near Readlyn, Bremer County, Iowa. This project is expected to generate 41,113 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power four homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Real Estate Asset LLC	\$60,251	This Rural Development investment will be used to help Real Estate Asset LLC install a 54.3 kilowatt (kW) solar array at its nonresidential rental building in Storm Lake, Buena Vista County, Iowa. This project will realize \$6,057 per year in savings and will replace 64,307 kilowatt hours (kWh) per year (99 percent of previous use), which is enough electricity to power five homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Joshua Hitzhusen	\$56,230	This Rural Development investment will be used to help Joshua Hitzhusen install a 47.9 kilowatt (kW) solar array project at his corn production operation near Rockwell, Cerro Gordo County, Iowa. This project will realize \$10,140 per year in savings and will save 65,700 kilowatt hours (kWh) per year (100 percent of previous business use), which is enough electricity to power six homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kimberly Deering	\$64,175	This Rural Development investment will be used to help Kimberly Deering install a 50 kilowatt (kW) solar array at her hog production operation near Postville, Clayton County, Iowa. This project is expected to realize \$10,256 in savings per year and to generate 70,117 kilowatt hours (kWh) per year (106 percent of previous use), which is enough electricity to power six homes.

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	MJJ Enterprises LLC	\$149,737	This Rural Development investment will be used to help MJJ Enterprises LLC install a 136.4 kilowatt (kW) solar array at its restaurant business in DeWitt, Clinton County, Iowa. This project will realize \$32,981 per year in savings and will replace 199,945 kilowatt hours (kWh) per year (99 percent of previous use), which is enough electricity to power 18 homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	LJSL LLC dba Dewitt Travel Mart	\$395,527	This Rural Development investment will be used to help LJSL LLC dba DeWitt Travel Mart, install a 423.5 kilowatt (kW) solar array at its convenience store in DeWitt, Clinton County, Iowa. This project will realize \$69,542 per year in savings and will replace 632,720 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power 58 homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	JKR LLC	\$18,053	This Rural Development investment will be used to help JKR LLC install a 12 kilowatt (kW) solar array at its distribution business in DeWitt, Clinton County, Iowa. This project will realize \$3,029 per year in savings and will replace 16,731 kilowatt hours (kWh) per year (97 percent of previous use), which is enough electricity to power one home.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jerome Riniker	\$45,783	This Rural Development investment will be used to help Jerome Riniker, owner of a grain production farming operation near New Vienna in Delaware County, install a 38.7 kilowatt (kW) solar array. This project is expected to save \$7,197 per year. It will replace 43,584 kilowatt hours (kWh) (100 percent of the farm business energy usage) per year, which is enough energy to power four homes.

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bonert Pork LLC	\$62,650	This Rural Development investment will be used to help Bonert Pork LLC install a 45.6 kilowatt (kW) solar project at its hog production farming operation near Delhi, Delaware County, Iowa. This project will save \$9,665 and replace 56,244 kilowatt hours (kWh) per year (100 percent of prior usage), which is enough energy to power six homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Blue Haven Farms LTD	\$17,360	This Rural Development investment will be used to help Blue Haven Farms LTD install a 13.6 kilowatt (kW) solar array at its corn production farm operation near Hopkinton, Delaware County, Iowa. This project will save \$2,761 per year and generate 15,494 kilowatt hours (kWh) per year (97 percent of prior usage), which is enough electricity to power one home.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	PLBC LLC	\$13,640	This Rural Development investment will be used to help PLBC LLC install an 11.2 kilowatt (kW) solar array on its grain production farm operation near Dyersville, Delaware County, Iowa. This project will realize \$2,157 per year in savings and will generate and replace 12,839 kilowatt hours (kWh) per year (111 percent of previous business use), which is enough electricity to power one home.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Smith Ranch Company	\$12,401	This Rural Development investment will be used to help Smith Ranch Company, a rental business in Orleans, Dickinson County, Iowa install a 7.4 kilowatt (kW) solar array. This project is expected to save \$1,858 per year. It will replace 9,947 kilowatt hours (kWh) (100 percent of the business energy usage) per year.

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	L & S Ag Center Inc.	\$203,477	This Rural Development investment will be used to help L&S Ag Center Inc. install a 199 kilowatt (kW) solar array at its farm supply business in Worthington, Dubuque County, Iowa. This project will realize \$35,908 per year in savings and will replace 237,957 kilowatt hours (kWh) per year (74 percent of previous use), which is enough electricity to power 22 homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Richard Chapman	\$9,724	This Rural Development investment will be used to help Richard Chapman install a 15 kilowatt (kW) solar array at his grain production farm operation near Oelwein, Fayette County, Iowa. This project is expected to generate 11,221 kilowatt hours (kWh) and \$1,964 in savings per year, which is enough electricity to power one home.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Clay Geiter	\$24,603	This Rural Development investment will be used to assist Clay Geiter to install a 34.7 kilowatt (kW) solar array at his oilseed and grain production combination farming business near Grundy Center in Grundy County, Iowa. This project will realize \$4,879 per year in savings and will replace 31,407 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power four homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Home 40 LTD	\$160,259	This Rural Development investment will be used to help Home 40 LTD install an energy-efficient grain dryer at its oilseed and grain production farm operation near Britt, Hancock County, Iowa. This project will realize \$9,056 per year in savings and will generate and replace 124,394 kilowatt hours (kWh) per year (56 percent of previous business use), which is enough electricity to power 12 homes.

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Beshey Land LLC	\$42,380	This Rural Development investment will be used to help Beshey Land LLC install a grain drying system at its grain production farm operation near Klemme, Hancock County, Iowa. This project is expected to save \$7,717 per year and to generate and replace 115,216 kilowatt hours (kWh) per year, which is enough energy to power 10 homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mehmert Tiling Inc.	\$51,000	This Rural Development investment will be used to help Mehmert Tiling Inc. install a 40 kilowatt (kW) solar array at its tiling company in Lime Springs, Howard County, Iowa. This project will realize \$6,853 per year in savings. It will replace 56,769 kilowatt hours (kWh) per year (80 percent of previous use), which is enough electricity to power five homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ryan Farland	\$63,880	This Rural Development investment will be used to help Ryan Farland install a more energy-efficient grain drying system for drying corn on his grain production farm near Swea City, Iowa. This project is expected to save \$15,792 in energy costs per year and is anticipated to save 215,823 kilowatt hours (kWh) of energy per year (36 percent of previous use), which is enough energy to power 19 homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jordan Prusha	\$19,864	This Rural Development investment will be used to help Jordan Prusha install a 13 kilowatt (kW) solar array at his heating, ventilation, and air conditioning business near Glenwood, Mills County, Iowa. This project is expected to generate \$2,011 gross income from the sale of energy and generate 20,115 kilowatt hours (kWh), which is enough electricity to power one home.

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	TRB Enterprises LLC	\$77,275	This Rural Development investment will be used to help TRB Enterprises LLC install a 48.7 kilowatt (kW) solar array at its bar/restaurant business in Riceville, Mitchell County, Iowa. This project will generate 69,368 kilowatt hours (kWh) per year, saving \$6,783 per year. This is enough electricity to power six homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	D Daufeldt Farms Inc.	\$160,728	This Rural Development investment will be used to help D Daufeldt Farms Inc. install a 114 kilowatt (kW) solar project at its turkey production operation near West Liberty, Muscatine County, Iowa. This project will save \$20,120 and replace 204,752 kilowatt hours (kWh) per year (103 percent of prior usage), which is enough energy to power 18 homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ron Mader	\$39,821	This Rural Development investment will be used to help Ron Mader, owner of a grain production farming operation near Mallard, Palo Alto County, Iowa, replace a diesel irrigation pump motor with an energy-efficient electric motor. This project is expected to save \$11,020 per year. It will also save 147,758 kilowatt hours (kWh) per year, which is enough energy to power 13 homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Deck Supply Services	\$283,977	This Rural Development investment will be used to help Deck Supply Services install a 281.8 kilowatt (kW) solar array at its sheet metal work manufacturing operation near Walcott, Scott County, Iowa. This project is expected to realize \$53,795 per year in savings and will replace 329,859 kilowatt hours (kWh) per year (69 percent of previous use), which is enough electricity to power 30 homes.



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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kim Meyer	\$13,580	This Rural Development investment will be used to help Kim Meyer install a 20.7 kilowatt (kW) solar array at his grain operation near Castalia, Winneshiek County, Iowa. This project will realize \$3,008 per year in savings and will generate 30,232 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power two homes.
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	JS Boeke Family Farms LLC	\$10,806	This Rural Development investment will be used to help JS Boeke Family Farms LLC, a farming and livestock production operation in Winneshiek County, Iowa, install an 18 kilowatt (kW) solar array. This project is expected to save \$3,058 per year. It will replace 25,359 kilowatt hours (kWh) (100 percent of business energy usage) per year, which is enough electricity to power two homes.
		REAP TOTAL:	\$2,244,098	