

**USDA Rural Development  
Fiscal Year 2024  
Rural Energy for America Program**

States	Program	Recipient	Grant Amount	Project Description	Initiative
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Knapp Finishers LLC	\$573,300	This Rural Development investment will be used to help Knapp Finishers LLC install two 54 kilowatt (kW) and eight 45 kW solar arrays at its grain and livestock production operations near Charles City in Floyd County, near Orchard in Mitchell County, and near Alta Vista in Chickasaw County. This project will realize \$70,065 per year in savings and will replace 640,801 kilowatt hours (kWh) per year (64 percent of previous business use), which is enough electricity to power 59 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Wibholm Cattle Ranch LLC	\$165,361	This Rural Development investment will be used to help Wibholm Cattle Ranch LLC install an energy efficient grain drying system at its beef production and row crop farm operation near Dows in Wright County. This project is expected to save \$23,151 in energy costs per year. It will save 333,526 kilowatt hours (kWh) per year, which is enough energy to power 30 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Wirth Farms Inc.	\$95,756	This Rural Development investment will be used to help Wirth Farms Inc. install an energy efficient grain dryer at its grain farm operation near Maquoketa in Jackson County. This project will save \$27,951 in energy costs per year and 400,559 kilowatt hours (kWh) per year (72.12 percent of prior usage), which is enough electricity to power 37 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	TPT Farms LLC	\$52,694	This Rural Development investment will be used to help TPT Farms LLC install an energy efficient grain dryer at its grain production farm operation near Charlotte in Clinton County. This project will realize \$3,863 per year in savings and will replace 56,171 kilowatt hours (kWh) per year (44 percent of previous business use), which is enough electricity to power five homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	United Equipment Accessories Inc.	\$1,000,000	This Rural Development investment will be used to help United Equipment Accessories Inc. install a 709 kilowatt (kW) solar array at its generator manufacturing facility in Waverly in Bremer County. This project will generate 960,491 kilowatt hours (kWh) per year, saving \$107,684 in costs per year. This is enough electricity to power 88 homes.	Inflation Reduction Act

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	The Hill Farm Corporation	\$75,555	This Rural Development investment will be used to help The Hill Farm Corporation install a 66.6 kilowatt (kW) solar array project at its grain production farm operation near McCallsburg in Story County. This project will save \$13,542 per year and 88,200 kilowatt hours (kWh) per year (100 percent of prior usage), which is enough electricity to power eight homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	K & Hogs LLC	\$66,150	This Rural Development investment will be used to help K & Hogs LLC install a 54 kilowatt (kW) solar array at its livestock production operation located in Floyd County. This project is expected to save \$8,121 per year. It will replace 73,826 kilowatt hours (kWh) (60 percent of business energy usage) per year, which is enough electricity to power six homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Roy Hageman	\$67,320	This Rural Development investment will be used to help Roy Hageman install a 39.6 kilowatt (kW) solar array at his corn production farming business near Decorah in Winneshiek County. This project will realize \$6,385 per year in savings and will replace 52,458 kilowatt hours (kWh) per year (89 percent of previous use), which is enough electricity to power four homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	John Lehmann	\$59,033	This Rural Development investment will be used to help John Lehmann install an energy efficient grain drying system at his grain production farming operation near Durango in Dubuque County. This project is expected to save \$6,235 per year. It will save 86,855 kilowatt hours (kWh) per year, which is enough energy to power eight homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Donald A. Schroeder	\$59,841	This Rural Development investment will be used to help Donald Schroeder, a grain production operation owner near Sabula in Jackson County, install an energy efficient grain drying system. This project is expected to save \$4,332 per year. It will save 53,590 kilowatt hours (kWh) per year, which is enough energy to power four homes.	Inflation Reduction Act



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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kuntz & Kuntz PTRS	\$60,106	This Rural Development investment will be used to help Kuntz & Kuntz Ptrs install an energy efficient grain drying system at its grain farming operation near Delta in Keokuk County. This project is expected to save \$5,817 per year. It will save 80,785 kilowatt hours (kWh) per year, which is enough energy to power seven homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ryan Hageman	\$25,500	This Rural Development investment will be used to help Ryan Hageman install a 20 kilowatt (kW) solar array at his oilseed and grain combination farming business near Calmar in Winneshiek County. This project will realize \$2,799 per year in savings and will replace 25,538 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power two homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	L & S Monaghan Farms Inc.	\$237,242	This Rural Development investment will be used to help L & S Monaghan Farms Inc. install an energy efficient grain drying system at its grain production operation near Masonville in Buchanan County. This project is expected to save \$12,210 per year. It will save 174,179 kilowatt hours (kWh) per year, which is enough energy to power 16 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hickory St and Inc.	\$108,700	This Rural Development investment will be used to help Hickory Stand Inc. install a 30 kilowatt (kW) solar array and a 56 (kW) solar array at its hog production farm operation near Fort Atkinson in Winneshiek County. This project is expected to save \$13,826 per year in energy costs and will produce 120,228 kilowatt hours (kWh) per year, which is enough electricity to power 11 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kay Park-Rec Corporation	\$396,880	This Rural Development investment will be used to help Kay Park-Rec Corporation install a 338 kilowatt (kW) solar array at its commercial outdoor furniture manufacturing business in Janesville in Black Hawk County. This project will realize \$31,149 per year in savings and will replace 407,850 kilowatt hours (kWh) per year (100 percent of previous business use), which is enough electricity to power 43 homes.	Inflation Reduction Act



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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Franklin Pork LLC	\$80,190	This Rural Development investment will be used to help Franklin Pork LLC install a 59.4 kilowatt (kW) solar array at its hog and pig production farming business near Jefferson in Greene County. This project will realize \$9,376 per year in savings and will replace 85,244 kilowatt hours (kWh) per year (70 percent of previous use), which is enough electricity to power seven homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Charles Knapp	\$110,250	This Rural Development investment will be used to help Charles Knapp install two 45 kilowatt (kW) solar arrays at his grain and livestock production operation near Charles City in Floyd County. This project will realize \$13,584 per year in savings and will replace 123,918 kilowatt hours (kWh) per year (73 percent of previous business use), which is enough electricity to power 11 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Farson Livestock LLC	\$91,630	This Rural Development investment will be used to help Farson Livestock LLC install a 66.6 kilowatt (kW) solar array at its hog and pig production farming business near Hedrick in Wapello County. This project will realize \$15,544 per year in energy generation and generate 95,500 kilowatt hours (kWh) per year, which is enough electricity to power eight homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Knapp Diversified Co.	\$231,525	This Rural Development investment will be used to help Knapp Diversified Co. install one 54 kilowatt (kW) and three 45 kW solar arrays at its grain and livestock production operations near Charles City in Floyd County, near Orchard in Mitchell County, and near Alta Vista in Chickasaw County. This project will realize \$26,909 per year in savings and will replace 259,543 kilowatt hours (kWh) per year (49 percent of previous business use), which is enough electricity to power 23 homes.	Inflation Reduction Act



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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hull Cooperative Association	\$485,502	This Rural Development investment will be used to help Hull Cooperative Association install a 378.4 kilowatt (kW) solar array at its grain manufacturing facility in Hull in Sioux County. This project will realize \$41,126 per year in savings and will save 516,019 kilowatt hours (kWh) per year (99 percent of previous business use), which is enough electricity to power 48 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Great Oak Farms Inc.	\$500,000	This Rural Development investment will be used to help Great Oak Farms Inc. replace mechanical augers and grain carts at its corn production farming business near Emmetsburg in Palo Alto County. This project will realize \$35,248 per year in savings and will replace 114,372 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power 43 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Timothy Marzen	\$97,619	This Rural Development investment will be used to help Timothy Marzen install an energy efficient grain drying system at his grain production farm operation near Dougherty in Cerro Gordo County. This project is expected to save \$17,872 per year. It will save 265,268 kilowatt hours (kWh) per year, which is enough energy to power 24 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	RCL Marzen Farms Inc.	\$88,943	This Rural Development investment will be used to help RCL Marzen Farms Inc. install an energy efficient grain drying system at its grain production farm operation near Greene in Floyd County. This project is expected to save \$9,445 per year. It will save 139,342 kilowatt hours (kWh) per year, which is enough energy to power 12 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Orchard Pork LLC	\$60,735	This Rural Development investment will be used to help Orchard Pork LLC install a 57.24 kilowatt (kW) solar array at its hog production farming operation near Fairbank in Bremer County. This project will generate 76,667 kilowatt hours (kWh) per year, which is enough electricity to power seven homes.	Inflation Reduction Act

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mike Molstead Motors Inc.	\$848,000	This Rural Development investment will be used to help Mike Molstead Motors Inc. install a 400 kilowatt (kW) solar array and a 130 kW solar array at its car dealerships in Charles City in Floyd County. This project will realize \$59,682 per year in savings and will generate 735,269 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power 67 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Marissa Decker	\$18,182	This Rural Development investment will be used to help Marissa Decker install a 21 kilowatt (kW) solar array at her grain production farm operation near Bernard in Dubuque County. This project will realize \$3,029 per year in savings and will replace 28,033 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power two homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Newton Feed Lot	\$31,910	This Rural Development investment will be used to help Newton Feed Lot install a 20.7 kilowatt (kW) solar array at its grain production operation near Luzerne in Benton County. This project will realize \$4,273 per year in savings and will replace 27,480 kilowatt hours (kWh) per year (100 percent of previous use), which is enough electricity to power two homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Havertape Farms Inc.	\$31,987	This Rural Development investment will be used to help Havertape Farms Inc. install an energy efficient grain dryer at its grain production farm operation near Ryan in Delaware County. This project will realize \$4,638 per year in savings and will save 76,368 kilowatt hours (kWh) per year (36 percent of previous business use), which is enough electricity to power seven homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Michael McLaughlin	\$62,486	This Rural Development investment will be used to help Michael McLaughlin install an energy efficient grain drying system at his grain production farm operation near Maquoketa in Jackson County. This project is expected to save \$9,306 per year. It will save 138,757 kilowatt hours (kWh) per year, which is enough energy to power 12 homes.	Inflation Reduction Act

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Gregory A. Mcneese	\$114,000	This Rural Development investment will be used to help Gregory McNeese, the owner of a grain production farm operation owner near Wesley in Kossuth County, install an energy efficient grain drying system. This project is expected to save \$7,592 per year. It will save 104,566 kilowatt hours (kWh) per year, which is enough energy to power nine homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	New Hampton Transfer & Storage Inc.	\$272,120	This Rural Development investment will be used to help New Hampton Transfer and Storage Inc. install a 225 kilowatt (kW) solar array at its storage business facility in New Hampton in Chickasaw County. This project will realize \$39,402 per year in savings and will replace 400,160 kilowatt hours (kWh) per year (77 percent of previous use), which is enough electricity to power 28 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mark Miller III	\$164,338	This Rural Development investment will be used to help Mark Miller III, a grain production farm operation owner in Britt in Hancock County, install an energy efficient grain drying system. This project is expected to save \$3,434 per year. It will save 47,246 kilowatt hours (kWh) per year, which is enough energy to power four homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	E85 Farms LLC	\$128,256	This Rural Development investment will be used to help E85 Farms LLC install a more energy-efficient grain drying system for drying corn on its grain production operation near Clear Lake in Cerro Gordo County. The new grain drying system is expected to save \$10,829 in energy costs per year and is expected to save 154,785 kilowatt hours (kWh) of energy per year (50 percent of previous use), which is enough energy to power 14 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Doring Corp.	\$141,921	This Rural Development investment will be used to help Doring Corp. install a more energy-efficient grain drying system for drying corn on its grain production operation near Preston in Jackson County. The new grain drying system is expected to save \$24,492 in energy costs per year and is expected to save 351,659 kilowatt hours (kWh) of energy per year (38 percent of previous use), which is enough energy to power 32 homes.	Inflation Reduction Act

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Distant View Farms LLC	\$256,932	This Rural Development investment will be used to help Distant View Farms LLC install a more energy-efficient grain drying system for drying corn on its grain production farm operation near Waukon in Allamakee County. The new grain drying system is expected to save \$23,197 in energy costs per year and is expected to save 351,504 kilowatt hours (kWh) of energy per year (35 percent of previous use), which is enough energy to power 32 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kenneth Marr	\$93,721	This Rural Development investment will be used to help Kenneth Marr, a grain farm operation owner near Riceville in Howard County, install an energy efficient grain drying system. This project is expected to save \$2,092 per year. It will save 27,658 kilowatt hours (kWh) per year, which is enough energy to power two homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hillebo Family Farms Inc.	\$159,682	This Rural Development investment will be used to help Hillebo Family Farms Inc. install an energy efficient grain dryer at its grain production farm operation near Polk City in Polk County. This project will realize \$7,692 per year in savings and will save 104,810 kilowatt hours (kWh) per year (41 percent of previous business use), which is enough electricity to power eight homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Farmers Electric Cooperative	\$685,337	This Rural Development investment will be used to help Farmers Electric Cooperative install a 999.38 kilowatt (kW) solar array in Kalona, in Washington County. This project will generate 1,386,256 kilowatt hours (kWh) per year, amounting to \$263,389 per year. This is enough electricity to power 127 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Gregory J. Fangman	\$13,625	This Rural Development investment will be used to help Gregory J. Fangman install a 9.9 kilowatt (kW) solar array on his corn production farm operation near Winthrop in Buchanan County. This project will realize \$1,421 per year in savings and will generate and replace 13,646 kilowatt hours (kWh) per year (54 percent of previous business use), which is enough electricity to power one home.	Inflation Reduction Act



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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	RT Grain and Cattle LLC	\$43,250	This Rural Development investment will be used to help RT Grain and Cattle LLC, a grain production operation near Mason City in Cerro Gordo County, install a 33 kilowatt (kW) solar array. This project is expected to generate \$8,657 per year. It will generate 51,037 kilowatt hours (kWh) per year. This is enough energy to power four homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	1Pig E LLC	\$62,900	This Rural Development investment will be used to help 1Pig E LLC install a 57.6 kilowatt (kW) solar array project at its hog production farm operation near Buffalo Center in Winnebago County. This project will generate \$8,568 per year and 82,864 kilowatt hours (kWh) per year, which is enough electricity to power seven homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Joseph Adrian	\$174,587	This Rural Development investment will be used to help Joseph Adrian install a new grain drying system at his grain production farm operation near Richland in Keokuk County. This project is expected to save \$4,291 and 70,246 kilowatt hours (kWh) per year, which is enough energy to power six homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bruce Anderson	\$20,312	This Rural Development investment will be used to help Bruce Anderson install a 20 kilowatt (kW) solar array at his grain production farm operation near Hawkeye in Fayette County. This project will save \$3,044 per year and 28,180 kilowatt hours (kWh) per year (90 percent of prior usage), which is enough electricity to power two homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Daniel A. Helle	\$121,352	This Rural Development investment will be used to help Daniel A. Helle install a 123 kilowatt (kW) solar array at his dairy production farm operation near Worthington in Dubuque County. This project will realize \$19,715 per year in savings and will save 138,759 kilowatt hours (kWh) per year (57 percent of previous business use), which is enough electricity to power 12 homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Gary Deerberg	\$30,000	This Rural Development investment will be used to help Gary Deerberg install a 24.8 kilowatt (kW) solar array at his grain production farming operation near Clarence in Cedar County. This project will save \$4,279 and replace 33,743 kilowatt hours (kWh) per year (105 percent of prior usage), which is enough energy to power three homes.	Inflation Reduction Act

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IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Blain Crock	\$41,621	This Rural Development investment will be used to help Blain Crock install a 41.4 kilowatt (kW) solar project at his grain production farm operation near Clarence in Cedar County. This project will save \$5,443 per year and 57,197 kilowatt hours (kWh) per year (100 percent of prior usage), which is enough electricity to power five homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Joshua Ries	\$68,292	This Rural Development investment will be used to help Joshua Ries, owner of a grain production farm operation near Ryan in Delaware County, install a new grain transfer system. This project is expected to save \$6,751 per year. The project will save 64,270 kilowatt hours (kWh) per year enough energy to power five homes.	Inflation Reduction Act
IA	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Stricker Farms LTD	\$79,930	This Rural Development investment will be used to help Stricker Farms LTD, a farm operation near Orchard in Floyd County, install a new grain drying system. This project is expected to save \$14,159 per year. It will save 188,992 kilowatt hours (kWh) per year, which is enough energy to power 17 homes.	Inflation Reduction Act
		<b>Total Funding:</b>	<b>\$8,454,573</b>		