



## Rural Energy for America Program (REAP) Grant Recipients in Iowa

State	Sen.	Rep.	Recipient	Grants	Project Description
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Anderson's Sugar Creek Farms Inc.	\$8,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a 25.5 kW Solar array. Andersen Sugar Creek, will realize \$3,461 per year in savings, and will replace 22,640 kWh 121(%) per year. This project will save enough electricity to power nine homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Anstoetter Farms LLC	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a EE NECO D 1680 EEI Grain Dryer. Anstoetter Farms, LLC., will realize \$12,641.82 per year in savings, and will replace 302,165 kWh (78%) per year. This project will save enough electricity to power 26 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Baldwin-Nashville Telephone Company Inc.	\$22,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Baldwin-Nashville Telephone Company, Inc is a locally owned telephone company. Project funds will be used for the purchase and installation of a 42-kW solar array. This project will realize \$8,710 per year in savings and will replace 58,843 kWh (92%) per year.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Barnhart's Custom Services LLC	\$23,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Barnhart's Custom Services is a agricultural excavation business. Project funds will be used for the purchase and installation of a 45.99kW solar array. This project will realize \$9,384 per year in savings and will replace 55,939 kWh (100%) per year, which is enough electricity to power five homes.
IA	Joni Ernst, Chuck Grassley	Cindy Axne (03)	Baur Farms Inc.	\$9,800.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Baur Farms is a family farming operation specializing in both livestock and row crops. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$4,950 per year in savings, and will replace 109,685 kWh (67.46%) per year, which is enough electricity to power 10 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Beaver Junction Pork Inc.	\$15,100.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Beaver Junction Pork Inc is a family farm. Project funds will be used for the purchase and installation of a 47-kW solar array. This project will realize \$6,205 per year in savings and will replace 62,429 (58%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Bergfeld, Rick	\$16,928.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a new EEI Grain Dryer. Rick Bergfeld, will realize \$8,599 per year in savings, and will replace 207,949 kWh (72%) per year. This project will save enough electricity to power 19.2 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Borchers' Homestead, LLC	\$5,250.00	This Rural Development investment will be used for the purchase and installation of a 17.5 kW Solar array. Borchers' Homestead, LLC., will realize \$2,187 per year in savings, and will replace 24,469 kWh (102%) per year. This project will save enough electricity to power two homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Bordwell, Richard S.	\$11,938.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Richard Bordwell is a business owner. Project funds will be used for the purchase and installation of a 22-kW solar array. This project will realize \$5,138 per year in savings and will replace 27,279 kWh (81%) per year.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Brown Land & Livestock	\$3,254.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. Brown Land and Livestock, Inc., is a family farm operation. Project funds will be used for the purchase and installation of a 32.9 kW solar array. This project will realize \$3,237.70 per year in savings and will replace 24,480 kWh (100%) per year.



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IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Callahan, William J.	\$19,260.00	This Rural Development investment will be used for the purchase and installation of a energy efficient T16 Sukup grain dryer. William J. Callahan, an existing farmer will realize \$11,552 per year in savings, and will save 254,418 kWh per year. This project will save enough electricity to power 23 homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Carbryn, Inc.	\$12,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Carbryn Inc is a family farm. Project funds will be used for the purchase and installation of a 36-kW solar array. This project will realize \$4,818 per year in savings and will replace 48,794 kWh (91%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Carrothers Family Farms, LLC	\$6,650.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a Sukup T16 Grain Dryer. Carrothers Family Farms LLC, will realize \$5,171 per year in savings, and will replace 9,733 kWh (78%) per year. This project will save enough electricity to power nine homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	CH Pork LLC	\$14,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. CH Pork, LLC is a livestock farming business. Project funds will be used for the purchase and installation of a 39-kW solar array. This project will realize \$6,564 per year in electricity production and will produce 52,515 kWh per year.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Ciha, Paul G.	\$17,375.00	The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a 39 kW Solar array. Paul Ciha, will realize \$7,006 per year in savings, and will replace 51,066 kWh (99%) per year. This project will save enough electricity to power four homes.
IA	Joni Ernst, Chuck Grassley	Cindy Axne (03)	Circle J Enterprises LLC	\$8,025.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Circle J Enterprises LLC will be generating electricity in rural Cumberland, Iowa. Project funds will be used for the purchase and installation of a 19kW solar system. The system is estimated to produce 25,681 kWh per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	D&D Klocke Inc. DBA Klocke Farms Inc.	\$8,709.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. D&D Klocke Inc. dba Klocke Farms Inc. is a family farm. Project funds will be used for the purchase and installation of a 20 kW solar system. This project will realize \$3,742 per year in savings and will replace 29,797 kWh (100 %) per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	D&T Corp	\$14,968.00	This Rural Development investment will be used for the purchase and installation of a 50 kW solar array. D&T Corp LLC will realize \$8,179 per year in savings in its livestock barn and will replace 69,765 kWh (58%) per year. This project will save enough electricity to power six homes. The purpose of this funding program is to assist farmers, ranchers, and small businesses in developing renewable energy systems and in making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	Cindy Axne (03)	Davis, Dean	\$10,965.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Dean Davis is the operator of a third-generation family farm. Project funds will be used for the purchase and installation of a 22 kW solar array. This project will realize \$4,928 per year in savings and will replace 31,116 kWh (160%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Donlon, Cory J.	\$25,003.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Cory Donlon owns a farming business. Project funds will be used for the purchase and installation of a 52-kW solar array. This project will realize \$10,259 per year in savings and will replace 67,729 kWh (100%) per year, which is enough electricity to power seven homes.



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IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	EAM Pigs LLC	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. EAM Pigs, LLC is a lessor of nonresidential real estate. Project funds will be used for the purchase and installation of a 57.96 kW solar array. This project will produce 74,759 kWh per year, which is enough electricity to power six homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Elliott, Tod	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Tod Elliott owns a farming business that raises grain near Fredericksburg, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$12,058 per year in savings and will replace 287,503 kWh (38%) per year, which is enough electricity to power 26 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Elsbernd, Joe	\$15,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Joe Elsbernd owns a farming business. Project funds will be used for the purchase and installation of a 39-kW solar array. This project will realize \$7,053 per year in savings and will replace 50,349 kWh (75%) per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Evergo Energy Finance, LLC	\$32,250.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Evergo Energy Finance LLC is a newly created entity for the purposes of generating electricity. The funds will be used for the purchase and installation of a 106 kWh solar system in Marcus, IA. The system is estimated to produce 144,569 kWh per year, which is enough electricity to power 13 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Fancy Bar M, LLC	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Fancy Bar M, LLC is a grain and livestock operation in Churdan, Iowa. Project funds will be used for the purchase and installation of an 95kW solar system. This project will realize \$13,787 per year in savings and will replace 126,749 kWh (82%) per year, which is enough electricity to power 11 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Fiscus, Kevin	\$9,250.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. Kevin Fiscus operates a family farm. Project funds will be used for the purchase and installation of a 22.5 kW solar array. This project will realize \$3,780 per year in savings and will replace 32,909 kWh (123%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Flexsenhar, Jessica A.	\$17,523.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Jessica Flexsenhar is a family owned farm that raises swine at its facility in Winthrop, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$9,461 per year in savings and will replace 215,358 kWh (55%) per year, which is enough electricity to power 19 homes.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Friedman Distributing Inc.	\$13,100.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. Friedman Distributing, Inc. is a car wash and farm/garden machinery wholesale business. Project funds will be used for the purchase and installation of 8, 9, and 11 kW solar arrays. This project will realize \$5,662 per year in savings and will replace 37,388 kWh (61%) per year.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Gent, John Paul	\$14,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. John Gent is a family farm owner. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$14,909 per year in savings, and will replace 361,749 kWh (38.13%) per year, which is enough energy to power 33 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Gradert, Warren	\$6,650.00	This Rural Development investment will be used for the purchase and installation of an energy efficient GSI 1216 grain dryer. Warren Gradert, will realize \$3,358 per year in savings, and will replace 92,048 kWh (60%) per year. This project will save enough electricity to power eight homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations.



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IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Groenendyk, Bruce	\$18,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. Bruce Groenendyk operates a family farm. Project funds will be used for the purchase and installation of a 52.5 kW solar array. The project will realize \$7,441 per year in savings and will replace 74,988 kWh (104%) per year, which is enough electricity to power six homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Groth, Steven	\$20,000.00	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. Steven Groth is owner of a family farming business that raises grain near St. Ansgar, IA. This project will realize \$12,882 per year in savings and will replace 283,478 kWh (51%) per year, which is enough energy to power 26 homes. The purpose of this funding program is to assist framers, ranchers, and rural small businesses in developing renewable energy systems and in making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Hamilton Jr, Richard A.	\$2,930.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a 7 kW Solar array. Richard Hamilton, will realize \$1,445 per year in savings, and will replace 9,130 kWh (114%) per year. This project will save enough electricity to power one home.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Hillenga, Chris	\$18,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Chris Hillenga is an agriculture producer in Hancock County, Iowa. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$6,975 per year in savings and replace 136,064 kWh (62%), which is enough electricity to power 12 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Hinkeldey, Jordan	\$14,749.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Jordan Hinkeldey has a family owned farming operation that raises crops at his farm in Alta, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$12,688 per year in savings and will replace 192,618 kWh (53%) per year, which is enough electricity to power 17 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Hoyle, Marc	\$20,000.00	This Rural Development investment will be used for the purchase and installation of a 89 kW solar array. Mark Hoyle, operator of a family farm, will realize \$13,145.74 per year in savings, and will generate 116,250 kWh per year. This project will generate enough electricity to power 10.7 homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	J&R Livestock, LLC	\$19,875.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. J & R Livestock, LLC. is a lessor of real estate for hog production. Project funds will be used for the purchase and installation of a 45 kW solar array. This project will realize \$8,013 per year in savings and will replace 70,934 kWh (48%) per year, which is enough electricity to power 6 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	JDRAS LTD.	\$12,900.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. JDRAS, LTD is a farming business that raises grain near Goldfield, IA.. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$10,710 per year in savings and will replace 182,987 kWh (24%) per year, which is enough electricity to power 16 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Johnston, Steven	\$25,950.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Steven Johnston is a family farmer in Audubon, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$16,556 per year in savings, and will replace 380,494kWh (39.7%) per year. This project will save enough electricity to power 35 homes.



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IA	Joni Ernst, Chuck Grassley	Steve King (04)	Jorg Farms Inc.	\$18,916.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Jorg Farms Inc., a family farm in Audubon, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$13,409 per year in savings and will replace 278,344 kWh (36.18%) per year, which is enough electricity to power 25 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Juchems, Richard	\$17,250.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Richard Juchems owns grain farming business. Project funds will be used for the purchase and installation of a 63-kW solar array. This project will realize \$7,304 per year in savings and will replace 93,466 kWh (77%) per year, which is enough electricity to power 8 homes.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	K - L Gent, Inc.	\$30,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. John Gent is a family farm owner. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$14,909 per year in savings, and will replace 361,749 kWh (38.13%) per year, which is enough energy to power 33 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	K W Johnson, LLC	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. K W Johnson LLC, is a lessor of office space. Project funds will be used for the purchase and installation of a 65 kW solar array. This project will realize \$13,199 per year in savings, and will replace 76,774 kWh (139%) per year, which is enough electricity to power seven homes.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Kahl, Timothy A.	\$33,750.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Timothy Kahl is a fourth generation family farmer who also operates a swine feeding facility. Project funds will be used for the purchase and installation of a 45.6 kW Solar array. The project will realize \$13,735 per year in savings and will replace 96,059 kWh (100%) per year, which is enough electricity to power seven homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Karnik Leifker LLC	\$47,375.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Karnik Leifker LLC is a farming business that raises grain at its facility near Lawler, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$48,410 per year in savings and will replace 1.1 million kWh (50%) per year, which is enough electricity to power 102 homes.
IA	Joni Ernst, Chuck Grassley	Cindy Axne (03)	Kestrel, Inc.	\$6,150.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Kestrel, Inc. operates a commercial vaccine production facility. Project funds will be used for the purchase and installation of a 16 kW Solar array. This project will realize \$2,467 per year in savings, and will replace 22,198 kWh (91%) per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Klocke, Ben	\$12,690.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Ben Klocke is a grain and livestock farmer in Templeton, Iowa. Project funds will be used for the purchase and installation of a 33 kW solar system. This project will realize \$5,398 per year in savings and will replace 48,037 kWh (41%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Kress, Daniel	\$18,450.00	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. Daniel Kress has a family farming business that raises corn and soybeans near Winthrop, Iowa. This project will realize \$11,122 per year in savings, and will reduce energy consumption by 270,581 kWh (53%) per year, which is enough energy to power 25 homes. The purpose of this funding program is to assist farmers, ranchers and rural small businesses in developing renewable energy systems and in making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	KSB Solar, LLC	\$40,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. KSB Solar, LLC is a newly created entity for the purposes of generating electricity. The funds will be used for the purchase and installation of a 161 kW solar system in West Union, IA. The system is estimated to produce 198,883 kWh per year, which is enough electricity to power 18 homes.



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IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Kuiper's Oak View Inc.	\$3,556.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. Kuiper's Oak View, Inc. is a family farm corporation. Project funds will be used for the purchase and installation of a 7 kW solar array. This project will realize \$1,633 per year in savings and will replace 10,385 kWh (94.04%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	L&H Ranch Inc.	\$11,079.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. L&H Ranch, Inc. is a farming business. Project funds will be used for the purchase and installation of a 43-kW solar array. This project will realize \$5,164 per year in savings and will replace 36,399 kWh (100%) per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Lausen, Jay	\$9,463.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation new energy efficient Sukup grain dryer. Jay Lausen will realize \$5,619 per year in savings, and will replace 93,502 kWh (46%) per year. This project will save enough electricity to power eight homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Lensing, Russell	\$8,889.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Russell Lensing owns a farming business that raises grain near Decorah, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$4,621 per year in savings and will replace 57,109 kWh (43%) per year, which is enough electricity to power five homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Lincoln Feeders LLC	\$40,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Lincoln Feeders LLC is a family farm operation in Hubbard, Iowa. Project funds will be used for the purchase and installation of an 82.5kW solar system. This project will realize \$16,095 per year in savings and will replace 114,240 kWh (100%) per year, which is enough electricity to power 10 homes.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	Little Cedar Family Farms, LLC	\$16,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Little Cedar Family Farms, LLC is a farming business that raises grain near Hillsboro, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$6,442 per year in savings and will replace 124,375 kWh (53%) per year, which is enough electricity to power 11 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Luther College	\$89,288.00	This Rural Development investment will be used throughout eleven counties in Iowa and Minnesota to conduct approximately 50 energy audits for rural small businesses and agricultural producers. These audits will provide analysis and recommendations to make energy-efficiency improvements to these operations and/or install renewable energy systems. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	David Loebsack (02)	M.E.H., Inc.	\$17,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. M.E.H., Inc. is a family owned farming corporation that raises row crops in Wellman, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$6,421 per year in savings and will replace 144,860 kWh (54%) per year, which is enough electricity to power 13 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Makin Bakon, LLC	\$15,412.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Makin Bakon, LLC is a livestock farming business. Project funds will be used for the purchase and installation of a 55-kW solar array. This project will produce 75,735 kWh per year with a value of \$8,709 per year, which is enough electricity to power six homes.



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State	Sen.	Rep.	Recipient	Grants	Project Description
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Manske, Linda	\$17,248.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Linda Manske owns a fruit and vegetable market. Project funds will be used for the purchase and installation of a 36-kW solar array. This project will realize \$7,337 per year in savings and will replace 46,877 kWh (58%) per year.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	McArtor, Jerry	\$4,997.00	This Rural Development investment will be used for the purchase and installation of a 9 kW Solar array. Jerry McArtor, will realize \$1,434 per year in savings, and will replace 10,481 kWh (148%) per year. This project will save enough electricity to power one home. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	McCarthy, Matthew	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Matthew McCarthy operates a diversified farm operation in Buena Vista County, Iowa. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$11,120 per year in savings, and will replace 216,784 kWh (45%) per year, which is enough electricity to power 20 homes.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	McCorkle Seed & Chemical Inc.	\$8,236.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. McCorkle Seed & Chemical Inc. is a seed and chemical wholesale business. Project funds will be used for the purchase and installation of a 19 kW solar array. This project will realize \$2,495 in savings, and will replace 26,825 kWh (126%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Morning Glory, LLC	\$5,625.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Morning Glory LLC will be generating electricity in rural Mt. Vernon, IA. Project funds will be used for the purchase and installation of a 15kW solar system. The system is estimated to produce 14,135 kWh per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Mortenson Ag Service LLC	\$15,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Mortenson Ag Services LLC is a farm management services company. Project funds will be used for the purchase and installation of a 33-kW solar array. This project will realize \$6,098 per year in savings and will replace 39,960 kWh (100%) per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Nees, Joseph G.	\$18,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Joe Nees a family farmer in Breda, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$8,235 per year in savings and will replace 137,789kWh (64.03%) per year, which is enough electricity to power 12 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Ness, Scott Christen	\$5,734.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. John Ruff owns a farming business that raises grain near Monona, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$4,692 per year in savings and will replace 120,074 kWh (58%) per year, which is enough electricity to power 11 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Norman Pork LLC	\$22,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations. Norman Pork, LLC. is a lessor of real estate for a hog facility. Project funds will be used for the purchase and installation of a 45 kW solar array. This project will realize \$9,118 per year in savings and will replace 65,730 kWh (99%) per year, which is enough electricity to power 6 homes.
IA	Joni Ernst, Chuck Grassley	Cindy Axne (03)	PCI Investments LLC	\$11,225.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. PCI Investments LLC will be generating electricity in rural Glenwood, IA. Project funds will be used for the purchase and installation of an 40kW solar system. The system is estimated to produce 54,266kWh per year, which is enough electricity to power five homes.



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IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	PJ Family Farms Ltd	\$15,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. PJ Family Farms LTD, a family farm in Donnellson, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$7,889 per year in savings and will replace 141,434kWh (57.98%) per year, which is enough electricity to power 13 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	PRKG 368, LLC	\$16,279.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. PRKG 368, LLC., operates a hog confinement facility. Project Funds will be used for the purchase and installation of a 46 kW Solar array. This project will realize \$9,626 per year in savings, and will replace 59,734 kWh (66%) per year.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Red Lion SCC Solar, LLC	\$37,500.00	This Rural Development loan guarantee will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Red Lion SCC Solar is a newly created entity for the purpose of generating electricity. The funds will be used for the purchase and installation of a 469 kW Solar array. The system is estimated to produce 550,028 kWh per year which is enough electricity to power 54 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Red Lion Williamsburg Solar, LLC	\$28,300.00	This Rural Development loan guarantee will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Red Lion Williamsburg Solar LLC is a newly created entity for the purpose of generating electricity. The funds will be used for the purchase and installation of a 347 kW Solar array. The system is estimated to produce 415,147 kWh per year which is enough electricity to power 38 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Reding, Jeff	\$12,551.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Jeff Reding operates a hog confinement facility. Project funds will be used for the purchase and installation of a 36 kW solar array. The project will realize \$6,737 per year in savings and will generate 48,080 kWh per year.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	River Edge Farms LLC	\$27,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. River Edge Farms, LLC is a farming business. Project funds will be used for the purchase and installation of a 93-kW solar array. This project will realize \$19,032 per year in savings and will replace 130,565 kWh (93%) per year, which is enough electricity to power 12 homes.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Robison Pork, Inc.	\$14,239.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This project will be used by Robison Pork, Inc. a family farm corporation located in Henry County, Iowa. The funds will be used to retrofit a 40kW Wind turbine: The project will create 41,155 kWh of electricity offsetting \$6,249 in electrical costs on an annual basis, enough to power four homes.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Robison, Sarah	\$14,239.00	This Rural Development investment will be used for the purchase and installation of a 29 kW Solar array. Sarah Robison, a small Ag producer, will realize \$ per year in savings, and will replace kWh (%) per year. This project will save enough electricity to power nine homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Rolling S Farms, Inc.	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Rolling S Farms, Inc. is a farming business that raises grain near Donnellson, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$6,871 per year in savings and will replace 174,135 kWh (54%) per year, which is enough electricity to power 16 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Roose, Kenneth J.	\$27,850.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Kenneth Roose owns a farming business that raises grain near Allison, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$18,814 per year in savings and will replace 408,290 kWh (38%) per year, which is enough electricity to power 37 homes.





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IA	Joni Ernst, Chuck Grassley	Steve King (04)	Rosburg, Keith	\$15,643.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Keith Rosburg, a local farm operator in Estherville, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$7,900 per year in savings and will replace 144,392 kWh (57.30%) per year, which is enough electricity to power 13 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Ruff, John	\$10,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. John Ruff owns a farming business that raises grain near Monona, IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$4,692 per year in savings and will replace 120,074 kWh (58%) per year, which is enough electricity to power 11 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Schirm, Dustin	\$10,325.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Dustin Schirm is a family farmer. Project funds will be used for the purchase and installation of a 21-kW solar array. This project will realize \$4,498 per year in savings and will replace 30,196 kWh (96 %) per year.
IA	Joni Ernst, Chuck Grassley	David Loesack (02)	SDR, INC.	\$18,625.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a 39 kW Solar array. SDR Inc a family farming operation will realize \$7,519 per year in savings, and will replace 53,471 kWh (85%) per year. This project will save enough electricity to power 4 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Steffen, Kenneth	\$12,500.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. Kenneth Steffen is the owner and operator of a 240 acre farm with a small dairy. This project will realize \$4,340 per year in savings, and will replace 97,346 kWh (75.85%) per year, which is enough electricity to power nine homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Sturgeon-Bice, Melissa	\$14,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Melissa Bice operates a family farming operation in Woodward, Iowa. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$7,119 per year in savings, and will replace 112,582 kWh (76%) per year, which is enough energy to power 10 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Suncast LLC	\$16,474.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Suncast, LLC is a newly created entity for the purposes of generating electricity. The funds will be used for the purchase and installation of a 116 kW solar system near Waucoma, IA. The system is estimated to produce 141,572 kWh per year, which is enough electricity to power 13 homes.
IA	Joni Ernst, Chuck Grassley	David Loesack (02)	Sweely, Jeremy Joe	\$20,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Jeremy Joe Sweely is a family owned farm that raises grain at its facility in Clinton IA. Project funds will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$6,873 per year in savings and will replace 170,375 kWh (54%) per year, which is enough electricity to power 15 homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Swestka, Randy	\$15,000.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Randy Swestka owns a grain farming business.. Project funds will be used for the purchase and installation of a 37-kW solar array. This project will realize \$6,296 per year in savings and will replace 49,001 kWh (75%) per year.



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IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Tickridge Pork, LLC	\$17,480.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a 39 kW Solar array. Tickridge Pork, LLC., will realize \$7,568 per year in savings, and will replace 51,717 kWh (77%) per year. This project will save enough electricity to power four homes.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Van Kooten, Joshua Lee	\$16,010.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Josh Van Kooten is an agricultural producer in Mahaska County, Iowa. Project funds will be used for the purchase and installation of a 28 kW Solar array. This project will realize \$4,286 per year in savings and will replace 37,518 kWh (83%) per year.
IA	Joni Ernst, Chuck Grassley	David Loeb sack (02)	Vandonselaar, Daniel	\$14,720.00	This Rural Development investment will be used for the purchase and installation of a 41 kW solar array on the family farm of Daniel Van Donselaar. The project will replace 54,469 kWh (85.77%) per year and realize \$6,239 of savings per year. This project will save enough electricity to power five homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and making energy-efficiency improvements to their operations.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Vollink Farms Ltd	\$17,525.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of an energy efficient NECO D24180 grain dryer. Vollink Farms LTD, will realize \$8,104 per year in savings, and will replace 137,764 kWh (47%) per year. This project will save enough electricity to power 12 homes.
IA	Joni Ernst, Chuck Grassley	Cindy Axne (03)	Vorthmann, Teri	\$38,000	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Teri Vorthmann, a local farm operator in Henderson, Iowa. Project funds will be used for the purchase and installation of an 204kW solar system. This project will realize \$15,930 per year in savings and will replace 200,920 kWh (100%) per year, which is enough electricity to power 18 homes
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Weers, Virgil	\$9,999.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This Rural Development investment will be used for the purchase and installation of a 17.6 kW Solar array. Virgil Weers who has a local farming business will realize \$4,011 per year in savings, and will replace 30,434 kWh (123%) per year. This project will save enough electricity to power three homes.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	Wernimont, Roger	\$12,540.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Roger Wernimont is a family farm. Project funds will be used for the purchase and installation of a 31-kW solar array. This project will realize \$5,277 per year in savings and will replace 33,651 kWh (100%) per year.
IA	Joni Ernst, Chuck Grassley	Abby Finkenauer (01)	White Solar LLC	\$28,648.00	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. White Solar, LLC is a newly created entity for the purposes of generating electricity. The funds will be used for the purchase and installation of a 349 kW solar system in West Union, IA. The system is estimated to produce 419,821 kWh per year, which is enough electricity to power 38 homes.
IA	Joni Ernst, Chuck Grassley	Steve King (04)	Wurzer, Dale	\$4,965.00	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. Dale Werzer owns a family farming business that raises grain crops new Fredericksburg Iowa. This project will realize \$2,553 per year in saving, and will replace 55743 kWh (35%) per year, which is enough energy to power five homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.