

Rural Energy for America Program/Electric Loan Program September 9, 2021

Rural Energy for America Program						
State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Jobe Abraham Jr.		\$15,187	This Rural Development investment will be used to help install an energy-efficient refrigerated seawater system and insulate and zone the fish holds on his fishing vessel Nellie Ann II. Mr. Abraham has commercially fished in the Bristol Bay region of Alaska for the past 35 years. This project is expected to lower his energy use by 41 percent and save 16,637 kilowatt hours (kWh) of electricity per year. holds on his fishing vessel Nellie Ann II. Mr. Abraham has commercially fished in the Bristol Bay region of Alaska for the past 35 years. This project is expected to lower his energy use by 41 percent per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Lams Fisheries Incorporated		\$8,420	This Rural Development investment will be used to help LAMS Fisheries Incorporated install insulation and energy-efficient lighting on the fishing vessel Tusk. The company's owner has fished in the Bristol Bay region of Alaska for the past 51 years. This project is expected to lower the company's energy use by 29 percent and save 3,116 kilowatt hours (kWh) of electricity per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	WSUT Fisheries Incorporated		\$16,300	This Rural Development investment will be used to help install an energy-efficient refrigerated seawater system and insulate and zone the fish holds on the fishing vessel Joan W. The company's owner has fished in the Bristol Bay region of Alaska for the past 37 years. This project is expected to lower the company's energy use by 51 percent and save 10,009 kilowatt hours (kWh) of electricity per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Smoky Point Seafood LLC		\$5,948	This Rural Development investment will be used to help install spray foam insulation on the fishing vessel Smoky Point. The company's owner has fished in the Bristol Bay region of Alaska for the past 26 years. This project is expected to lower the company's energy use by 61 percent and save 11,947 kilowatt hours (kWh) of electricity per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	North Pole Prescription Laboratory Incorporated		\$18,270	This Rural Development investment will be used to help install a 25.2-kilowatt photovoltaic system on its pharmacy building located in North Pole, Alaska. This family-owned company has been in business since 1988. This project will save \$5,812 per year and replace 22,891 kilowatt hours (kWh) of electricity per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Thomas and Stephanie Kobylarz		\$6,930	This Rural Development investment will be used to purchase and install a 10.08-kilowatt solar array. Thomas and Stephanie Kobylarz own and operate a small local dentist office in Soldotna, Alaska. This project will save \$2,410 per year and replace 10,481 kilowatt hours (65 percent) per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Alaska Berries LLC		\$4,937	This Rural Development investment will be used to help purchase and install of 6.96 kilowatt solar array. This project will save \$1,854 per year and replace 7,771 kilowatt hours (72 percent) per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Alaskan Boreal Forest Products LLC		\$6,166	This Rural Development investment will be used to help install a 9.13-kilowatt photovoltaic system on it's commercial building located in Soldotna, Alaska. This company has been in business since 2015. The new system is expected to save the company \$2,400 in electrical costs and replace 10,170 kilowatt hours (kWh) of electricity per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Weston J. Carroll		\$11,586	This Rural Development investment will be used to help install an energy-efficient generator on the fishing vessel Amber Dawn. Mr. Carroll has commercially fished in various regions of Alaska for the past 22 years. This project is expected to lower his energy use by six percent and save 5,491 kilowatt hours (kWh) of electricity per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Marcia Kuszmaul		\$9,752	This Rural Development investment will be used to help purchase and install of 12.6 kilowatt photovoltaic solar array on the Juneberry Lodge. This project will save \$2,064.51 per year and replace 9,831 kilowatt hours (52 percent) per year. This project will save \$2,064.51 per year and replace 9,831 kilowatt hours (52 percent) per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Elan Building LLC		\$4,621	This Rural Development investment will be used to help purchase and install a 6.3 kilowatt photovoltaic solar array. This project will save \$1,264 per year and replace 5,496 kilowatt hours (72 percent) per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	MSA Incorporated		\$17,408	This Rural Development investment will be used to help purchase and install a 24.9-kilowatt solar array in Homer, Alaska. This project will save \$2,757 per year and replace 19,096 kilowatt hours (23 percent) per year.
AK	Lisa Murkowski, Dan Sullivan	Don Young (At-Large)	Easy Street Cabins LLC		\$3,909	This Rural Development investment will be used to help install a 4.72-kilowatt photovoltaic system on it's rental property located in Talkeetna, Alaska. This company has been in business since 2018. The system is expected to save the company \$639 in electrical costs and replace 3,220 kilowatt hours (kWh) of electricity per year.

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AR	John Boozman, Tom Cotton	Rick Crawford (01)	Singleton Farms Partnership		\$15,840	This Rural Development investment will be used to help install a 32 kilowatt solar array. Singleton Farms Partnership is a family-owned soybean and corn farming operation in Watson, Ark. This project is expected to save \$4,320 per year and replace 43,982 kilowatts (99 percent of the company's energy use) annually.
AR	John Boozman, Tom Cotton	Rick Crawford (01)	Arsoft LLC		\$12,838	This Rural Development investment will be used to help this locally-owned property management business in Pocahontas, Ark., install an 18.4 kilowatt rooftop solar array. This project is expected to save \$3,242 per year and replace 27,950 kilowatt hours (91 percent of the company's energy use) annually.
AR	John Boozman, Tom Cotton	Rick Crawford (01)	Jessland Plantation		\$11,413	This Rural Development investment will be used to help Jessland Plantation install two electric irrigation well motors. This project is expected to save \$691 per year and replace 43,963 kilowatt hours annually (66 percent of the company's energy use).
AZ	Mark Kelly, Kyrsten Sinema	Tom O'Halleran (01)	Forestdale Farm LLC		\$5,534	This Rural Development investment will be used to help make energy efficiency upgrades. Forestdale Farm, a small family-run organic produce farm in rural Flagstaff, Ariz., will use the grant to purchase a 1.7-kilowatt photovoltaic system with battery backup. The improvements are expected to generate 2,555 kilowatt-hours of electricity per year, equivalent to 25 percent of the usage of a typical U.S. home. More importantly the battery backup will allow the farms water well pump motor to run without a generator and is expected to reduce the farms expenses \$3,000 per year, savings the farm can invest back into its operations.
AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	Castle Cabinets LLC		\$20,000	This Rural Development investment will be used to help purchase a renewable energy system. Castle Cabinets, purchase a renewable energy system. Castle Cabinets, a small custom-built cabinetry and millwork business, will use these funds to purchase a 40-kilowatt solar photovoltaic system to supply a portion of the electricity required to operate their new data storage facility near Sunizona, Ariz. The renewable energy system is expected to generate 67,290 kilowatt-hours of electricity per year, the amount used by 6.25 average U.S. homes, and reduce the business expenses \$9,420, savings they can invest back into their operations.
AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	San Tan Mechanical LLC		\$20,000	This Rural Development investment will be used to help purchase a renewable energy system. San Tan Mechanical, doing business as Marken Mechanical, a small professional air conditioning repair business, will use the grant to purchase a 40-kilowatt solar photovoltaic system to supply a portion of the electricity required to operate their new data storage facility near Sunizona, Ariz. The renewable energy system is expected to generate 67,290 kilowatt-hours of electricity per year, the amount used by 6.25 average U.S. homes, and reduce the business expenses \$9,420, savings they can invest back into their operations.
AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	Joe Cool LLC		\$20,000	This Rural Development investment will be used to help purchase a renewable energy system. Joe Cool, a small professional heating and air conditioning business, will use the grant to purchase a 40-kilowatt solar photovoltaic system to supply a portion of the electricity required to operate their new data storage facility near Sunizona, Ariz.
AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	Wall to Wall		\$20,000	This Rural Development investment will be used to help purchase a renewable energy system. Wall-to-Wall, a small construction business, will use the grant to purchase a 40-kilowatt solar photovoltaic system to supply a portion of the electricity required to operate their new data storage facility near Sunizona, Ariz. The renewable energy system is expected to generate 67,290 kilowatt-hours of electricity per year, the amount used by 6.25 average U.S. homes, and reduce the business expenses \$9,420, savings they can invest back into their operations.
AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	Wholesale Door and Window LLC		\$20,000	This Rural Development investment will be used to help purchase a renewable energy system. Wholesale Door and Window, a small business, will use the grant to purchase a 40-kilowatt solar photovoltaic system to supply a portion of the electricity required to operate their new data storage facility near Sunizona, Ariz. The renewable energy system is expected to generate 67,290 kilowatt-hours of electricity per year, the amount used by 6.25 average U.S. homes, and reduce the business expenses \$9,420, savings they can invest back into their operations.
AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	Go Maintenance LLC		\$20,000	This Rural Development investment will be used to help purchase a renewable energy system. Go Maintenance, a small professional home repair and maintenance service business, will use the grant to purchase a 40-kilowatt solar photovoltaic system to supply a portion of the electricity required to operate their new data storage facility near Sunizona, Ariz. The renewable energy system is expected to generate 67,290 kilowatt-hours of electricity per year, the amount used by 6.25 average U.S. homes, and reduce the business expenses \$9,420, savings they can invest back into their operations.

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AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	Gorenter.com		\$20,000	This Rural Development investment will be used to help purchase a renewable energy system. Gorenter.com, a small business in Cochise County, will use the grant to purchase a 40-kilowatt solar photovoltaic system to supply a portion of the electricity required to operate their new data storage system near Sunizona, Ariz. The renewable energy system is expected to generate 67,290 kilowatt-hours of electricity per year, the amount used by 6.25 average U.S. homes, and reduce the business expenses \$9,420, savings they can invest back into their operations.
AZ	Mark Kelly, Kyrsten Sinema	Raul Grijalva (03)	Sonoita Sustainable Ranch LLC		\$19,998	This Rural Development investment will be used to help purchase a renewable energy system. Sonoita Sustainable Ranch in rural Sierra Vista, Arizona a family owned cattle ranch, will use the grant to purchase a 36-kilowatt solar photovoltaic system. The investment is expected to generate 61,100 kilowatts of electricity annually, the amount used by 5.75 average U.S. homes. It is also expected to reduce the ranch expenses \$7,943, savings the ranch can invest back into its operations.
AZ	Mark Kelly, Kyrsten Sinema	Ann Kirkpatrick (02)	Cochise Family Farm LLC		\$4,843	This Rural Development investment will be used to help make energy efficiency upgrades. The improvements are expected to reduce the electrical demand by 32,317 kilowatt hours per year, which is enough to power three typical U.S. homes. The energy efficient water well pump is expected to reduce the farms utility bill by \$4,820 per year, savings the farm can invest back into its operations.
CA	Dianne Feinstein, Alex Padilla	Jim Costa (16)	Jennifer Simone		\$10,250	This Rural Development investment will be used to help purchase a 23 kilowatt solar array to offset electrical costs Incorporatedurred by normal operations. Jennifer Simone is a sole proprietor farmer growing almond trees and producing almonds for processing through area hulling operations and then for sale. High energy cost comprises a large part of the business operating expenses. This project will save \$9,050 per year and replace 36,200 kilowatt hours per year, which is enough electricity to power 3.2 homes per year.
CA	Dianne Feinstein, Alex Padilla	David Valadao (21)	Chad E. Swearingen		\$18,703	This Rural Development investment will be used to help purchase and install energy efficiency improvement insulation upgrades the agricultural buildings used for almond processing and equipment repairs. This project will save \$711.92 per year and save 152,864,390 British thermal units of energy per year.
CA	Dianne Feinstein, Alex Padilla	Salud Carbajal (24)	Grover Beach Petroleum Incorporated		\$19,669	This Rural Development investment will be used to help purchase and install of a roof top 27 kilowatt solar photovoltaic system. This project will produce 42,974 kilowatt hours per year and save \$8,594 per year..
CA	Dianne Feinstein, Alex Padilla	Salud Carbajal (24)	Lefort's Organic Crops Incorporated		\$8,770	This Rural Development investment will be used to help purchase a 12 kilowatt solar array to offset electrical costs Incorporatedurred by normal operations. This project will save \$6,152 per year and replace 19,846 kilowatt hours per year, which is enough electricity to power 1.5 homes per year.
CA	Dianne Feinstein, Alex Padilla	Salud Carbajal (24)	Whitaker Construction Group Incorporated		\$16,750	This Rural Development investment will be used to help purchase a 29 kilowatt solar array to offset electrical costs Incorporatedurred by normal operations. This project will save \$11,718 per year and replace 48,492 kilowatt hours per year, which is enough electricity to power four homes per year.
CA	Dianne Feinstein, Alex Padilla	Salud Carbajal (24)	David B. Colmar		\$11,860	This Rural Development investment will be used to help David B. Colmar dba Old Oak Vineyard purchase a 10 kilowatt solar array to offset electrical costs Incorporatedurred by normal operations. This project will save \$4,977 per year and replace 15,590 kilowatt hours per year, which is enough electricity to power one home per year.
CA	Dianne Feinstein, Alex Padilla	John Garamendi (03)	Capay Valley Growers Incorporated		\$19,962	This Rural Development investment will be used to help purchase a 30 kilowatt solar array to offset electrical costs Incorporatedurred by normal operations. This project will save \$11,223 per year and replace 44,780 watt hours per year, which is enough electricity to power 3.1 homes per year.
CA	Dianne Feinstein, Alex Padilla	Ted Lieu (33)	Five Saft T LLC		\$20,000	This Rural Development investment will be used to purchase of a 32kW solar array to offset electrical costs Incorporatedurred by normal operations. Five Safe T, LLC is a woman owned small business/tree farm involved in growing avocado trees and selling the produce to area markets and restaurants. High energy cost comprises a large part of the business operating expenses. This project will realize \$9,090 per year in savings, and will replace 50,501Wh per year, which is enough electricity to power 3.6 homes per year.
CA	Dianne Feinstein, Alex Padilla	Salud Carbajal (24)	Benchmark Vineyard Management LLC		\$18,464	This Rural Development investment will be used to make energy-efficiency improvements to their operations. Benchmark Vineyard Management, Incorporated. is an agricultural producer growing wine grapes for processing and sale to area wineries. High energy cost comprises a large part of the business operating expenses. Project funds will be used for the purchase of a 25kW solar array to offset electrical costs Incorporatedurred by normal operations. This project will realize \$10,000 per year in savings, and will replace 40,000 kWh per year, which is enough electricity to power 3.4 homes per year.

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CO	Michael Bennet, John Hickenlooper	Lauren Boebert (03)	Durango Party Rental Incorporated		\$11,175	This Rural Development investment will be used to install a 14.95 kilowatt hours solar photovoltaic system on the roof of their establishment in Durango, Colo. This will replace 21,691 kilowatt hours (100 percent) of their energy consumption and save \$2,884 per year; which is equivalent to powering two homes.
CO	Michael Bennet, John Hickenlooper	Lauren Boebert (03)	Alpacka Raft LLC		\$19,997	This Rural Development investment will be used to install a 35.75 kilowatt solar photovoltaic system on the roof of Alpacka Raft LLC's business. The system will replace 63,784 kilowatt hours (100 percent) per year and will save \$10,770 in yearly savings; which is equivalent to powering six homes.
CO	Michael Bennet, John Hickenlooper	Lauren Boebert (03)	Solar Garden Partners 3 LLP		\$19,929	This Rural Development investment will be used to install a 36.4 kilowatt hour solar system on the roof of the Cortez City Airport. This system will replace 69,434 kilowatt hours (100 percent) of the airport's energy consumption and will save \$8,123 per year. This savings is equivalent to powering six homes.
CO	Michael Bennet, John Hickenlooper	Ken Buck (04)	Arnold Turner		\$18,396	This Rural Development investment will be used to purchase and install a 10.8kW solar array. Arnold Turner is the owner of Rain Dance Ranch and has been harvesting hay since 2015. This project will save the entity an estimated \$2,620 per year in savings and will replace 14,059 kWh (40 percent) per year, which is enough to power one home.
CT	Richard Blumenthal, Christopher Murphy	Jahana Hayes (05)	Freund's Farm Market & Bakery LLC		\$10,447	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of high efficiency glass door produce coolers at the farm market. Freund's Farm Market & Bakery is an existing business that that operates a farm market, bakery, garden center, and catering business in the middle of the family's dairy farm. This project will realize \$6,432 per year in savings, and will replace 7,291 kWh per year.
CT	Richard Blumenthal, Christopher Murphy	Jahana Hayes (05)	Ginger Creek Nursery LLC		\$10,013	This Rural Development investment will be used for the purchase and installation of a 9.3 kW ground mounted solar array at the Ginger Creek Nursery. This project will replace 12,083 kWh per year and realize \$1,788 of saving per year.
CT	Richard Blumenthal, Christopher Murphy	John Larson (01)	Cavallo Farms LLC		\$7,168	This Rural Development investment will be used for the purchase and installation of a 18 kW solar array on the family farm of Anthony Troiano. This project will replace 15,337 kWh (93 percent) per year and realize \$3,067 of saving per year.
CT	Richard Blumenthal, Christopher Murphy	Joe Courtney (02)	Broad Brook Acres LLC		\$20,000	This Rural Development investment will be used for the purchase and installation of a 38 kW solar array on the family farm of Michael Swanson. This project will replace 45,007 kWh (100 percent) per year and realize \$8,379 of saving per year.
CT	Richard Blumenthal, Christopher Murphy	Joe Courtney (02)	Fat Orange Cat Bew Co LLC		\$20,000	This Rural Development investment will be used for the purchase and installation of a 22 kW solar array the Fat Orange Cat Brew Co. This project will produce 22,771 kWh (one-hundred percent) per year used to power operations at the rural small business.
CT	Richard Blumenthal, Christopher Murphy	Joe Courtney (02)	Running Brook Farms LLC		\$5,918	This Rural Development investment will be used to assist with the purchase and installation of LED lighting. This farm a family owned and operated garden center, nursery, and landscape company. This project will save \$3,709 per year and replace 18,547 kWh (58 percent) per year.
CT	Richard Blumenthal, Christopher Murphy	Jahana Hayes (05)	Smokedown Farm LLC		\$19,934	This Rural Development investment will be used for the purchase and installation of a 20 kW roof mounted solar array on the nine-acre Smokedown Farm to support growth of seven varieties of hops. This project will replace 24,856 kWh per year. and realize \$3,102 of saving per year.
CT	Richard Blumenthal, Christopher Murphy	Joe Courtney (02)	New England Meat Packing LLC		\$9,138	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of LED lighting. New England Meat Packing LLC is a meat packing facility home to New England's farmers, residents, and growing businesses for fresh quality meats. This project will realize \$6,772 per year in savings, and will replace 39,837 kWh (nine percent) per year.
CT	Richard Blumenthal, Christopher Murphy	John Larson (01)	Mathena Hunter		\$9,395	This Rural Development investment will be used for the purchase and installation of a 18 kW solar array on the family farm of Hunter Mathena. This project will produce 18,198 kWh (100 percent) per year used to energize farm expansion. 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.

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CT	Richard Blumenthal, Christopher Murphy	Jahana Hayes (05)	Cowpots LLC		\$3,736	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of LED lighting and the upgrade of two standard motors to high efficiency motors. CowPots LLC is an existing business that manufactures planting containers from cow manure. This project will realize \$4,327 per year in savings, and will replace 21,635 kWh (twenty-five percent) per year.
DE	Thomas Carper, Christopher Coons	Lisa Blunt Rochester (At-Large)	Bonk Farms LLC		\$20,000	This Rural Development investment will be used to help Bonk Farms, LLC purchase and install a 48 kilowatt solar array. This project will replace 58,760 kilowatt hours (53 percent) per year and save \$4,384 per year.
DE	Thomas Carper, Christopher Coons	Lisa Blunt Rochester (At-Large)	Corporate Contractors dba Coastline Pool		\$11,992	This Rural Development investment will be used to assist with the purchase and installation of a solar array. The Milton, Delaware, company offers a full range of swimming pool services. This project is expected to save the company \$4,448 in electrical costs per year.
DE	Thomas Carper, Christopher Coons	Lisa Blunt Rochester (At-Large)	Todd's Income Tax & Accounting Service		\$13,750	This Rural Development investment will be used to purchase and install a 27.2 kilowatt solar array on the tax and accounting service business owned by Michael Alvini. This project will replace 31,597 kilowatts hours (102 percent) per year and realize \$3,689 of savings per year.
DE	Thomas Carper, Christopher Coons	Lisa Blunt Rochester (At-Large)	A & A Tower Leasing LLC		\$20,000	This Rural Development investment will be used to help A&A Tower Leasing, LLC purchase and install a 51.2 kilowatt solar array. This office building and warehouse will save \$6,178 per year and will replace 66,440 kilowatt hours (98 percent) per year. This project will save enough electricity to power 6 homes.
FL	Marco Rubio, Rick Scott	Kat Cammack (03)	First Union Financial LLC		\$14,949	This Rural Development investment will be used to help First Union Financial LLC, a collections business. Project funds will be used for the purchase and installation of a 32 kilowatt roof mount solar photovoltaic system. This project will save \$3,294 per year and replace 40,196 kilowatt hours per year, which is enough electricity to power three homes.
FL	Marco Rubio, Rick Scott	Daniel Webster (11)	PGK Commercial LLC		\$20,000	This Rural Development investment will be used to help PGK Commercial LLC, a commercial building lessor. Project funds will be used for the purchase and installation of a 29.6 kilowatt roof mount solar PV system. This project will save \$6,655 per year, and will replace 44,372 kilowatt hours per year, which is enough electricity to power four homes.
FL	Marco Rubio, Rick Scott	Kat Cammack (03)	Hi-Liner Fishing Gear & Tackle Incorporated		\$20,000	This Rural Development investment will be used to help Hi-Liner Fishing Gear and Tackle Incorporated purchase and install a 62.4 kilowatt roof mount solar photovoltaic system. This project will save \$6,935 per year and replace 102,634 kilowatt hours (229 percent) per year, which is enough electricity to power nine homes.
FL	Marco Rubio, Rick Scott	John Rutherford (04)	C & K Sunshine Farms		\$10,217	This Rural Development investment will be used to help C & K Sunshine Farms purchase and install a 4.26 kilowatt solar photovoltaic system. This project will save \$589 per year and replace 5,119 kilowatt hours per year.
FL	Marco Rubio, Rick Scott	Neal Dunn (02)	Jackson Soil and Water Conservation District		\$100,000	This Rural Development investment will be used to provide technical assistance grant for 26 renewable solar opportunities for rural small businesses and agricultural producers throughout the northern part of Florida. This project will provide vital assistance to identify which renewable energy systems are appropriate and financially and technically feasible for farms and rural small businesses in north Florida.
FL	Marco Rubio, Rick Scott	Vern Buchanan (16)	Williams Custom Cutting LLC		\$1,862	This Rural Development investment will be used to provide funds to Williams Custom Cutting LLC, a family-owned business that provides custom slaughtering and cleaning services. The funds will be used to purchase energy efficient water heaters which will result in a 64 percent energy savings for the business.
GA	Jon Ossoff, Raphael G. Warnock	Andrew Clyde (09)	Banks County Golf LLC		\$9,450	This Rural Development investment will be used to help Banks County Golf LLC purchase and install a 13.68 kilowatt solar array. This project will save \$2,861 per year and replace 21,184 kilowatt hours per year, enough energy to power two homes.
GA	Jon Ossoff, Raphael G. Warnock	Drew Ferguson (03)	Agrimerica Farm & Construction LLC		\$20,000	This Rural Development investment will be used to help Agrimerica Farm & Construction LLC purchase and install a 45 kilowatt solar array. This project will save \$7,638 per year and replace 62,103 kilowatt hours per year, enough energy to power five homes.
GA	Jon Ossoff, Raphael G. Warnock	Andrew Clyde (09)	Little House Vineyards Incorporated		\$6,512	This Rural Development investment will be used to help Little House Vineyards Incorporated purchase and install a 7.44 kilowatt solar array. This project will save \$1,800 per year of savings and replace 13,392 kilowatt hours per year, enough to power one home.

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GA	Jon Ossoff, Raphael G. Warnock	Marjorie Taylor Greene (14)	Rise N Shine Farm Incorporated		\$19,129	This Rural Development investment will be used to help Rise N Shine Farm Incorporated purchase and install a 32.56 kilowatt solar array. This project will save \$5,362 per year and produce 48,652 kilowatt hours per year, enough to power four homes.
GA	Jon Ossoff, Raphael G. Warnock	Andrew Clyde (09)	B&S Laundry LLC		\$13,923	This Rural Development investment will be used to help B&S Laundry LLC purchase and install a 21.84 kilowatt solar array. This project will save \$4,784 per year and replace 30,071 kilowatt hours per year, enough to power two homes.
GA	Jon Ossoff, Raphael Warnock	Jody Hice (10)	Georgia Select Fish Farm LLC		\$15,289	This Rural Development investment will be used to help Georgia Select Fish Farm LLC install computerized monitoring systems to control aerated oxygen levels in the ponds. Aeration is currently managed manually using thirty 10-hp electric aerators with four 75-hp diesel engines providing back-up. This project will save the business the equivalent of 119,613 kilowatt hours (45 percent) per year in electric and diesel, which is enough to power eleven homes.
GA	Jon Ossoff, Raphael Warnock	Jody Hice (10)	McDuffie Feed Seed Fertilizer Incorporated		\$12,375	This Rural Development investment will be used to help purchase and install a 17.94 kilowatt solar array. This project will save \$5,594 per year. and will replace 29,458 kilowatt hours per year, enough energy to power two homes.
GA	Jon Ossoff, Raphael Warnock	Jody Hice (10)	Bridges Dairy & Poultry Incorporated		\$19,687	This Rural Development investment will be used to help purchase and install a 35.1 kilowatt solar array. This project will save \$6,373 per year and replace 53,438 kilowatt hours per year, enough energy to power five homes.
GA	Jon Ossoff, Raphael Warnock	Drew Ferguson (03)	Coker Real Estate Properties LLC		\$19,908	This Rural Development investment will be used to help purchase and install a 33 kilowatt solar array. This project will save \$7,095 per year and produce 48,262 kilowatt hours per year, enough to power four homes.
HI	Mazie Hirono, Brian Schatz	Kai Kahele (02)	Fleming & Associates, LLC		\$19,620	This Rural Development investment will be used to help purchase and install a 14.76 DC kilowatt photovoltaic energy system for an architectural firm office building. The project projects to generate 18,829 kilowatt hours per year.
HI	Mazie Hirono, Brian Schatz	Kai Kahele (02)	Maui Tea Ventures LLC		\$6,635	This Rural Development investment will be used to replace non-functioning batteries in an off-grid photovoltaic system with new batteries and components. Installation will restore electricity generation to replace a portion of fossil fuels used to power a propane generator that currently provides electricity to the facility the applicant uses for commercial purposes.
HI	Mazie Hirono, Brian Schatz	Kai Kahele (02)	Puna Flower Power		\$9,955	This Rural Development investment will be used to purchase and install a 11.7 kW solar energy system. This project will save \$8,707 per year, and will replace 15,548 kWh (100 percent) per year.
HI	Mazie Hirono, Brian Schatz	Kai Kahele (02)	Sugar Hill		\$10,342	This Rural Development investment will be used to purchase and install a 7.6 kW solar energy system to power an off-grid farm cold storage unit the business will use for meat cutting, wrapping and product storage. This project will provide 10,406 kWh per year.
IA	Chuck Grassley, Joni Ernst	Ashley Hinson (01)	Loren Dempster		\$20,000	This Rural Development investment will be used to purchase and install solar arrays totaling 101 kilowatts. This project will save \$16,674 per year and replace 122,461 kilowatt hours (100 percent) per year, which is enough electricity to power 11 homes.
IA	Chuck Grassley, Joni Ernst	Mariannette Miller-Meeks (02)	C-SLU Inc dba Slumberland Furniture		\$15,321	This Rural Development investment will be used to help C-SLU Incorporated dba Slumberland Furniture purchase and install YellowBlue LED light fixtures. This project will save \$9,169 per year and replace 191,031 kilowatt hours (70 percent) per year.
IA	Chuck Grassley, Joni Ernst	Ashley Hinson (01), Randy Feenstra (04)	Grundy County Rural Electric Cooperative		\$19,200	This Rural Development investment will be used to help purchase and install LED lighting throughout the REC service area. This project will save \$12,954 per year and reduce energy use by 228,519 kilowatt hours (69 percent) per year, which is enough electricity to power 21 homes.
IA	Chuck Grassley, Joni Ernst	Mariannette Miller-Meeks (02)	Michael Martin		\$11,615	This Rural Development investment will be used to help purchase and install a 34 kilowatt solar array. Michael Martin will save \$7,155 per year, and will replace 45,661 kilowatt hours (84 percent) per year. This project will save enough electricity to power 4 homes.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
IA	Chuck Grassley, Joni Ernst	Mariannette Miller-Meecks (02)	Wooden Wheel Vineyards LLC		\$20,000	This Rural Development investment will be used to help purchase and install a 50 kilowatt solar array. This project will save \$10,181 per year and replace 66,839 kilowatt hours (96 percent) per year, which is enough electricity to power six homes.
ID	Mike Crapo, James Risch	Russ Fulcher (01)	Kathleen A. Dellamater		\$19,375	This Rural Development investment will be used to help Rocky Canyon Tileworks purchase and install a solar thermal radiant heating and cooling system as well as a 5 kilowatt solar array. This investment will save \$8,770.00 per year and replace 87,707 kilowatt hours (100 percent) per year.
ID	Mike Crapo, James Risch	Mike Simpson (02)	Robin L. Ulrich		\$19,900	This Rural Development investment will be used to help purchase and install a 25.5 kilowatt roof mounted solar array. This investment will save \$4,656 per year and replace 42,332 kilowatt hours (75 percent) per year.
ID	Mike Crapo, James Risch	Mike Simpson (02)	Twenty Two Designs		\$9,024	This Rural Development investment will be used for the purchase and installation of 13.2 kW roof mounted solar array. Twenty Two Designs, LLC, a family owned telemark ski binding business located in Driggs, Idaho, will realize \$990 per year in savings, and will replace 16,500 kWh (117 percent) per year.
ID	Mike Crapo, James Risch	Mike Simpson (02)	NJB Farms LLC		\$20,000	This Rural Development investment will be used for the purchase and installation of 18.84 kW roof mounted solar array. NJB Farms, LLC, a family owned sugar beet farm located in American Falls, Idaho, will realize \$2,536 per year in savings, and will replace 25,364 kWh (100 percent) per year.
IL	Tammy Duckworth, Richard Durbin	Mary Miller (15)	Brenda Rohl		\$5,353	This Rural Development investment will be used to help purchase and install a 9 kilowatt solar array to help power the farm. This project will save more than \$1,400 per year and replace 12,055 kilowatt hours per year, which is enough energy to power one home.
IL	Tammy Duckworth, Richard Durbin	Robin Kelly (02)	Smits Farms Incorporated		\$19,453	This Rural Development investment will be used to help purchase and install a waste wood boiler to help heat the greenhouses. This project will save more than \$9,600 per year and replace 1,046,307 kilowatt hours per year, which is enough energy to power 96 homes.
IL	Tammy Duckworth, Richard Durbin	Mary Miller (15)	Lenard Duchnowski		\$4,296	This Rural Development investment will be used to help purchase and install an 11 kilowatt solar array to help power the business. This project will save more than \$1,100 per year and replace 11,053 kilowatt hours per year, which is enough energy to power one home.
IL	Tammy Duckworth, Richard Durbin	Mary Miller (15)	Doyle Bradley Short		\$10,000	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save more than \$8,800 per year and replace 135,809 kilowatt hours (73 percent) per year, which is enough energy to power 12 homes.
IL	Tammy Duckworth, Richard Durbin	Cheri Bustos (17)	Scott Lewis		\$20,000	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save more than \$18,500 per year and replace 444,241 kilowatt hours (75 percent) per year, which is enough energy to power 40 homes.
IL	Tammy Duckworth, Richard Durbin	Adam Kinzinger (16)	Kol Ronald Siebring		\$20,000	This Rural Development investment will be used to help purchase and install a grain dryer. This investment will save more than \$16,600 per year and replace 508,330 kilowatt hours (60 percent) per year, which is enough energy to power 46 homes.
IL	Tammy Duckworth, Richard Durbin	Mike Bost (12)	Big House Investments LLC		\$9,949	This Rural Development investment will be used to help purchase and install a pond aeration system. This investment will save more than \$8,100 per year and replace 109,832 kilowatt hours (36 percent) per year, which is enough energy to power 10 homes.
IL	Tammy Duckworth, Richard Durbin	Adam Kinzinger (16)	Prairie State Pork, LLC		\$19,250	This Rural Development investment will be used to help purchase and install a 37 kilowatt solar array to help power the business. This project will save more than \$7,800 per year and replace 52,976 kilowatt hours per year, which is enough energy to power four homes.
IL	Tammy Duckworth, Richard Durbin	Mike Bost (12)	Mattingly Properties, LLC		\$11,199	This Rural Development investment will be used to help purchase and install a 140 kilowatt solar array to help power the business. This project will save more than \$17,100 per year and replace 181,211 kilowatt hours per year, which is enough energy to power 16 homes.

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IL	Tammy Duckworth, Richard Durbin	Darin LaHood (18)	Beard Implement Co.		\$19,500	This Rural Development investment will be used to help purchase and installation of an 80 kilowatt solar array to help power the business. This project will save more than \$11,000 per year and replace 107,126 kilowatt hours per year, which is enough energy to power nine homes.
IL	Tammy Duckworth, Richard Durbin	Mike Bost (12)	B Auto Parts LLC		\$20,000	This Rural Development investment will be used to help purchase and install a 200 kilowatt solar array to help power the business. This project will save more than \$22,300 per year and replace 247,810 kilowatt hours per year, which is enough energy to power 22 homes.
IL	Tammy Duckworth, Richard Durbin	Cheri Bustos (17)	Pignatelli & Associates P.C.		\$20,000	This Rural Development investment will be used to help purchase and install a 48 kilowatt solar array to help power the business. This project will save more than \$11,500 per year and replace 67,414 kilowatt hours per year, which is enough energy to power six homes.
IN	Mike Braun, Todd Young	Greg Pence (06)	Larry J. Muckerheide		\$19,472	This Rural Development investment will be used to install a grain dryer. This project will save the farm \$8,333 per year and will replace 180,122 kilowatt hours (55 percent) per year, which is enough electricity to power 13 homes.
IN	Mike Braun, Todd Young	Jim Banks (03)	J&D Family Farms LLC		\$9,073	This Rural Development investment will be used to help purchase and install a 30 kilowatt solar array. This project will save \$6,130 per year and replace 40,400 kilowatt hours (96 percent) per year.
IN	Mike Braun, Todd Young	Jim Banks (03)	Kraig Homan LLC		\$20,000	This Rural Development investment will be used to purchase and install a 173 kilowatt solar array. This project will save the business \$21,594 per year and will replace 234,209 kilowatt hours (105 percent) per year, which is enough electricity to power 18 homes.
IN	Mike Braun, Todd Young	Greg Pence (06)	Bradley Armand		\$15,917	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save the farm \$9,870 per year and will replace 155,796 kilowatt hours (60 percent) per year, which is enough electricity to power 11 homes.
IN	Mike Braun, Todd Young	Jim Banks (03)	Fourth Generation Sewing and Vacuum LLC		\$12,119	This Rural Development investment will be used to help purchase and install a 29 kilowatt solar array. This project will save the business \$6,108 per year and replace 38,180 kilowatt hours, 93 percent per year.
IN	Mike Braun, Todd Young	Jim Baird (04)	Ardis A. Kindig		\$19,999	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save the farm \$7,252 per year and will replace 315,458 kilowatt hours (64 percent) per year, which is enough electricity to power 24 homes.
KS	Roger Marshall, Jerry Moran	Ron Estes (04)	Kansas Maid Incorporated		\$20,000	This Rural Development investment will be used to help purchase and install solar equipment. The project is estimated to replace 124,747 kilowatt hours per year. This equates to 74.41 percent of their energy usage and is enough energy to power 11 homes.
KS	Roger Marshall, Jerry Moran	Tracey Mann (01)	Merle Schmidt		\$11,497	This Rural Development investment will be used to help purchase and install a 15 kilowatt Bergey Wind Turbine. This project will save \$4,037 per year and replace 47,158 kilowatt hours per year, 100 percent of Schmidt consumption and enough electricity to power four homes.
KS	Roger Marshall, Jerry Moran	Tracey Mann (01)	R & E Goering Farms LLC		\$18,944	This Rural Development investment will be used to help complete irrigation pump upgrades in Moundridge, Kan. The project is estimated to save 42,851 kilowatt hours per year, reducing energy consumption by 40.53 percent, which is enough to power three homes.
KS	Roger Marshall, Jerry Moran	Ron Estes (04)	Caldwell Pharmacy Inc		\$8,316	This Rural Development Investment will be used for the purchase and installation of solar equipment. The project is estimated to replace the 20,532kWh per year. This is enough energy to power one home for a year and equates to 80.62 percent of its energy usage. Caldwell Pharmacy currently has four employees.
KS	Roger Marshall, Jerry Moran	Tracey Mann (01)	Swisher Properties LC		\$20,000	This Rural Development investment will be used to help purchase and install a 30.78 kilowatt rooftop mounted solar array. The project is estimated to replace 44,760 kilowatt hours per year. This equates to 89.93 percent of its energy usage and is enough energy to power four homes.

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KY	Mitch McConnell, Rand Paul	S. Brett Guthrie (02)	Andrew R. Alford		\$20,000	This Rural Development investment will be used to help purchase and install a Shivers 36 Circulator Grain Dryer II at 2750 Chalybeate School Rd., Bowling Green, KY 42101. This project will save \$2,370.52 per year. and will save 18,095 kilowatt hours (63.7 percent) per year, which is enough electricity to power 1.6 homes.
KY	Mitch McConnell, Rand Paul	Andy Barr (06)	Stays & Visits Limited Liability Co		\$5,962	This Rural Development investment will be used for the purchase and installation of a 9.48-kW photovoltaic array systems located at 129 Hudnall Lane, Carlisle, Ky. Stays & Visits LLC is a short term rental facility in Nicholas County. This project will realize \$1,206 per year in energy generation and will replace 12,188 kWh, which is enough electricity to power 1.1 homes.
KY	Mitch McConnell, Rand Paul	Harold Rogers (05)	Loudon Waterstrat		\$8,225	This Rural Development investment will be used to help purchase and install a 12-kilowatt photovoltaic array system at 108 Pistol Creek Rd., London, KY 40741. This project will save \$1,610 per year, and will replace 15,073 kilowatt hours, which is enough electricity to power 1.4 homes.
KY	Mitch McConnell, Rand Paul	Harold Rogers (05)	Sarah Barney		\$2,500	This Rural Development investment will be used to purchase and install a 4.65-kilowatt photovoltaic array system located at 895 KY Hwy 52 E, Beattyville, KY 41311. This project will save \$580.70 per year in energy generation and will replace 4,884 kilowatt hours, which is enough electricity to power 0.45 homes.
KY	Mitch McConnell, Rand Paul	Andy Barr (06)	Homegrown Hideaway, LLC		\$5,000	This Rural Development investment will be used to help purchase and install a 9.24-kilowatt photovoltaic array system located at 500 Floyd Brach Rd., Berea, KY 40403. This project will save \$1,421 per year in energy generation and will replace 11,548 kilowatt hours, which is enough electricity to power one home.
KY	Mitch McConnell, Rand Paul	Andy Barr (06)	Nick Lloyd Basses		\$5,962	This Rural Development investment will be used to help purchase and install a 9.48-kilowatt photovoltaic array system located at 899 Old Maysville Rd., Carlisle, KY 40311. This project will save \$1,206.52 per year in energy generation and will replace 12,189 kilowatt hours, which is enough electricity to power 1.1 homes.
KY	Mitch McConnell, Rand Paul	Harold Rogers (05)	Pantry Shelf Incorporated		\$11,613	This Rural Development investment will be used to help purchase and install a 36-kilowatt photovoltaic array system located at 426 Memorial Drive, Hazard, KY 41701. This project will save \$4,581.03 per year in energy generation and will replace 41,002 kilowatt hours, which is enough electricity to power 3.7 homes.
KY	Mitch McConnell, Rand Paul	Harold Rogers (05)	Buck Creek Bungalows LLC		\$5,223	This Rural Development investment will be used to help purchase and install a 9.6-kilowatt photovoltaic array system located at 9700 Rush Branch Rd., Somerset, KY 42502. This project will save \$1,072.27 per year in energy generation and will replace 12,857 kilowatt hours, which is enough electricity to power 1.1 homes.
KY	Mitch McConnell, Rand Paul	Thomas Massie (04)	Aurora Farms LLC		\$15,444	This Rural Development investment will be used to help purchase and install a 14.7-kilowatt photovoltaic array system with an 11.4-watt battery storage unit located at 475 Scott Station Rd., Shelbyville, KY 40065. This project will save \$2,530 per year in energy generation and will replace 21,611 kilowatt hours, which is enough electricity to power 1.9 homes.
KY	Mitch McConnell, Rand Paul	James Comer (01)	Royal Diamond Farms LLC		\$19,943	This Rural Development investment will be used to help purchase and install a SuKup T243 Grain Dryer at 1090 Elkton Trenton Rd., Guthrie, KY 42234. This project will save \$3,268 per year. and will save 94,255 kilowatt hours (35.29 percent) per year, which is enough electricity to power 8.6 homes.
KY	Mitch McConnell, Rand Paul	James Comer (01)	Thomas Farms		\$9,794	This Rural Development investment will be used to help purchase and install a 30-kilowatt photovoltaic array system at 6443 State Route 947, Morganfield, KY 42437. This project will save \$2691 per year, and will replace 42,443 kilowatt hours, which is enough electricity to power 3.9 homes.
KY	Mitch McConnell, Rand Paul	James Comer (01)	Thomas Farms		\$20,000	This Rural Development investment will be used to help purchase and install a Shivers 30 Circulator Grain Dryer at 6443 State Route 947, Morganfield, KY 42437. This project will save \$1,358.80 per year. and will save 23,462 kilowatt hours (65.2 percent) per year, which is enough electricity to power 2.1 homes.
LA	Bill Cassidy, John Kennedy	Garret Graves (06)	Pierre Part Store LLC		\$86,111	This Rural Development investment will be used to help install a cool roof coating. This project is expected to save \$17,381 per year. It will replace 193,120 kilowatt hours (12 percent of the company's energy use) per year, which is enough energy to power 18 homes.
LA	Bill Cassidy, John Kennedy	Steve Scalise (01)	Burregi Incorporated dba Galliano Food Store		\$9,615	This Rural Development investment will be used to help install LED lighting. This project is expected to save \$11,520 per year. It will save 144,000 kilowatt hours (16 percent of the company's energy use) per year, which is enough energy to power 14 homes.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
LA	Bill Cassidy, John Kennedy	Garret Graves (06)	Port Vincent Village Market LLC		\$119,185	This Rural Development investment will be used to help install a more energy-efficient refrigeration and heating, ventilation, and cooling system. This project is expected to save \$18,704 per year. It will save 256,681 kilowatt hours , which is enough energy to power 24 homes.
LA	Bill Cassidy, John Kennedy	Steve Scalise (01)	Fremins Incorporated		\$31,950	This Rural Development investment will be used to help install a cool roof coating system. This project is expected to save \$9,841 per year. It will save 109,333 kilowatt hours (14 percent of the company's energy use) per year, which is enough energy to power 10 homes.
LA	Bill Cassidy, John Kennedy	Garret Graves (06)	Soprano's Supermarket LLC		\$189,000	This Rural Development investment will be used to help install a 360 kilowatt hours solar photovoltaic system. This project is expected to save \$57,179 per year. It will replace 635,344 kilowatt hours (79 percent of the company's energy use) per year, which is enough energy to power 59 homes.
LA	Bill Cassidy, John Kennedy	Garret Graves (06)	V. Watts Furniture Incorporated		\$13,927	This Rural Development investment will be used to help a furniture store in Livingston, La., with the installation of a cool roof coating system. This project is expected to save \$3,150 per year. It will save 31,500 kilowatt hours (kWh) (10 percent of the company's energy use) per year, which is enough energy to power three homes.
LA	Bill Cassidy, John Kennedy	Steve Scalise (01)	Golden Motors LLC		\$69,480	This Rural Development investment will be used to help purchase a 154-kilowatt solar array system. The energy-efficient system is expected to save \$24,880 dollars per year. It will replace 234,063 kilowatt hours (kWh) (113 percent of the company s energy use) per year, which is enough energy to power 22 homes.
LA	Bill Cassidy, John Kennedy	Steve Scalise (01)	S & W Wholesale Foods LLC		\$10,631	This Rural Development investment will be used to help install a cool roof coating system. This project is expected to save \$8,595 per year. It will save 95,500 kilowatt hours (14 percent of the company's energy use) per year, which is enough energy to power nine homes
LA	Bill Cassidy, John Neely Kennedy	Troy Carter (02)	Veron's Supermarket, LLC		\$56,710	This Rural Development investment will be used to help install a 70 kW/DC solar panel system. This project is expected to save \$13,208 per year. It will replace 146,757 kilowatt hours (41 percent of the company's energy use) per year, which is enough energy to power 14 homes.
LA	Bill Cassidy, John Neely Kennedy	Clay Higgins (03)	Gerace Farming LLC		\$48,235	This Rural Development investment will be used to help purchase and install a grain dryer. The new system is expected to save \$1,579 per year. It will replace 10,350 kilowatts hours , which is enough energy to power one home.
LA	Bill Cassidy, John Neely Kennedy	Steve Scalise (01)	BB Facilities Company LLC		\$49,402	This Rural Development investment will be used to help install a 92.34 kW solar panel system. This project is expected to save \$12,058 per year and replace 133,974 kilowatt hours (133 percent of the company's energy use) per year, which is enough energy to power 12 homes.
MA	Ed Markey, Elizabeth Warren	James McGovern (02)	Red Apple Farm		\$20,000	This Rural Development investment will be used to install a complete solar hot water system to provide pre-heat to the new geothermal system and domestic hot water system. Red Apple Farm is a 4th generation diversified direct-marketing farm operation. This project will save \$490 per year and replace 2,765 kilowatt hours per year.
MA	Ed Markey, Elizabeth Warren	James McGovern (02)	Burnshirt Hills LLC		\$15,425	This Rural Development investment will be used to purchase and install an 18.9 kilowatt roof-mounted solar array on the small equine farm of Burnshirt Hills. This project will replace 22,743 kilowatt hours per year and realize \$5,950 of savings per year.
MA	Ed Markey, Elizabeth Warren	Jake Auchincloss (04)	Medway Community Farm Incorporated		\$10,584	This Rural Development investment will be used to purchase and install a 22.1 kilowatt ground mounted solar array on Medway Community Farm. This project will replace 25,882 kilowatt hours (106 percent) per year and realize \$5,694 of savings per year.
MA	Ed Markey, Elizabeth Warren	Richard Neal (01)	Mount Williams Greenhouses Incorporated		\$11,113	This Rural Development investment will be used to purchase and install six units of new high efficiency unit heaters in a greenhouse. Mount Williams Greenhouses is a business that grows plants to sell in a retail flower shop. This project will realize \$2,395 per year in savings, and will replace 77,139 kilowatt hours (twenty-one percent) per year, which is enough electricity to power seven homes.
MA	Ed Markey, Elizabeth Warren	Steven Lynch (08)	We Grow Microgreens LLC		\$15,543	This Rural Development investment will be used to purchase and install 20 shade curtains and solar powered motors. We Grow Microgreens is a business that grows microgreens, edible flowers and plants. This project will realize \$777 per year in savings, and replace 720 therms of natural gas per year.

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MA	Ed Markey, Elizabeth Warren	Richard Neal (01)	Sweet Morning Farm LLC		\$10,367	This Rural Development investment will be used to purchase and install a 8.16 kilowatt Tracker Ground-Mounted solar array on the no-till permanent bed farm of Sweet Morning Farm. This project will replace 12,000 kilowatt hours (74 percent) per year and realize \$2,400 of savings per year.
MD	Benjamin Cardin, Chris Van Hollen	Jamie Raskin (08)	Race Pace Columbia Incorporated		\$18,500	This Rural Development investment will be used to purchase and install a solar array. Race Pace Bicycles is locally operated and its beginnings trace back to 1978. The Westminster, Maryland location of Race Pace Bicycles, has been in business since 1990. This project is expected to save the business \$3,403 in electrical costs per year.
MD	Benjamin Cardin, Chris Van Hollen	Steny Hoyer (05)	Energy Select LLC		\$7,625	This Rural Development investment will be used to purchase and install a solar array. Energy Select is a locally owned business in Leonardtown, Maryland, that offers commercial and residential energy services. This project is expected to save the company \$2,945 in electrical costs per year.
MD	Benjamin Cardin, Chris Van Hollen	Andy Harris (01)	Bell Creek Equipment LLC		\$15,060	This Rural Development investment will be used to purchase and install a solar array. Bell Creek Equipment is a family-owned and operated farm, lawn, and garden equipment business in Preston, Maryland that has been in operation since 2003. This project is expected to save the business \$4,35 in electrical costs per year.
MD	Benjamin Cardin, Chris Van Hollen	Andy Harris (01)	Albert Warren Jr.		\$5,625	This Rural Development investment will be used to purchase and install a 4 kilowatt solar array. This project will replace 5,089 kilowatt hours (13 percent) per year and save \$732 per year.
MD	Benjamin Cardin, Chris Van Hollen	Andy Harris (01)	Heckles Holding		\$18,856	This Rural Development investment will be used to assist with the purchase and installation a solar array. Heckles Holdings has operated Twigs & Teacups, a family operated gift shop, in Chestertown, Md. since 2014. This project is expected to save the company \$3,453 in electrical costs per year.
MD	Benjamin Cardin, Chris Van Hollen	Andy Harris (01)	Pets ER, P.A.		\$20,000	This Rural Development investment will be used to purchase and install a 41.1 kilowatt solar array on the Pets ER P.A. Veterinary Hospital. This project will replace 52,866 kilowatt hours (53 percent) and realize \$6,346 of savings per year.
MD	Benjamin Cardin, Chris Van Hollen	Andy Harris (01)	Arden Center LLC		\$16,848	This Rural Development investment will be used to help Arden Center LLC purchase and install a 32 kilowatt solar array. This project will replace 40,761 kilowatt hours (100 percent) per year and save \$5,076 per year.
MD	Benjamin Cardin, Chris Van Hollen	Andy Harris (01)	Kevin Fitzgerald Incorporated		\$6,655	This Rural Development investment will be used to purchase and install an eight kilowatt solar array. This project will replace 10,413 kilowatt hours (113 percent) and save \$1,132 per year.
ME	Susan Collins, Angus King	Chellie Pingree (01)	Augusta Road Bowdoin Solar LLC	\$7,385,000		This Rural Development investment will be used to provide permanent financing to build a 5.415 MWdc ground-mounted solar project located in rural Bowdoin, Maine. The project has interconnection and net energy billing agreements in place with Central Maine Power Company and is expected to produce 6,787,000 kilowatt hours of electricity in the first full year of operation.
ME	Susan Collins, Angus King	Chellie Pingree (01)	Wohelo Incorporated		\$9,967	This Rural Development investment will be used to help Wohelo, Incorporated, dba Wohelo Camps, a set of girls' residential camps in Raymond, Maine, install a solar photovoltaic system. This project will save \$2,467 per year and generate 16,790 kilowatt hours per year, which is enough to power one home.
ME	Susan Collins, Angus King	Chellie Pingree (01)	Wilbur's of Maine Chocolate Confection		\$20,000	This Rural Development investment will be used to help Wilbur's of Maine Chocolate Confections, a chocolate and candy store in Freeport, Maine, install a new solar photovoltaic system. This project is expected to save \$4,551 per year. It will generate 37,050 kilowatt hours per year, which is enough to power three homes.
ME	Susan Collins, Angus King	Chellie Pingree (01)	Dooryard Farm LLC		\$14,400	This Rural Development investment will be used to help EDooryard Farm, LLC install a new solar photovoltaic system. This is a certified organic farm that grows vegetables and pasture-raised animals which they sell in and around Camden, Maine. This project is expected to save \$1,603 per year. It will generate 28,718 kilowatt hours per year, which is enough to power two homes.
ME	Susan Collins, Angus King	Jared Golden (02)	Littlefield Retreat LLC		\$13,000	This Rural Development investment will be used to install a solar photovoltaic system. This company owns and operates Purposely Lost, Maine's first and only eco-friendly, carbon neutral, luxury-meets-camp retreat in Springvale, Maine. This project is expected to save \$1,284 per year. It will generate 89,370 kilowatt hours per year, which is enough to power eight homes.

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ME	Susan Collins, Angus King	Chellie Pingree (01)	Sheepscoot Valley Brewing Company LLC		\$6,231	This Rural Development investment will be used to help Sheepscoot Valley Brewing Company LLC, a micro-brewery and tasting room that has been in business in Whitefield, Maine, install a new solar photovoltaic system. This project is expected to save \$2,200 per year. It will replace 16,542 kilowatt hours (100 percent of the company's energy use) per year, which is enough energy to power one home.
ME	Susan Collins, Angus King	Chellie Pingree (01)	Morning Dew Farm LLC		\$12,265	This Rural Development investment will be used to help Morning Dew Farm LLC, a grower of organic vegetables and seedlings in Damariscotta, Maine, install a new solar photovoltaic system. This project is expected to save \$3,100 per year and generate 28,626 kilowatt hours per year, which is enough energy to power two homes.
ME	Susan Collins, Angus King	Chellie Pingree (01)	Poor Richard's Incorporated		\$3,197	This Rural Development investment will be used to help Poor Richard's Incorporated, dba Ferment Farm install a solar photovoltaic system. This farm specializes in heritage produce used to produce premium micro-batch foods including ice cream, fermented foods, and cider in Springvale, Maine. This project is expected to save \$1,018 per year and generate 7,100 kilowatt hours per year.
MI	Gary Peters, Debbie Stabenow	Fred Upton (06)	Maplebrook Farm Holdings LLC		\$8,197	This Rural Development investment will be used to help purchase and install a 26.18 roof mounted solar photovoltaic system. This project will save \$3,480 per year, and will generate 31,715 kilowatt hours per year.
MI	Gary Peters, Debbie Stabenow	Peter Meijer (03)	Andrea D. Landis		\$4,546	This Rural Development investment will be used to purchase and install a 14.45 kilowatt roof mounted solar photovoltaic system to help a rural small business. Ms. Landis is the owner and operator of Double Stone Farm which is a horse training and boarding facility. This project will save \$1,431 per year and generate 17,274 kilowatt hours per year.
MI	Gary Peters, Debbie Stabenow	Fred Upton (06)	Stephen Curley		\$13,693	This Rural Development investment will be used to purchase and install a 23.40 kilowatt solar photovoltaic system to help a rural small business. Stephen Curley is a veteran and a sole proprietor that owns and operates Paws-N-Claws Kennel. This project will save \$3,087 per year and generate 30,575 kilowatt hours per year.
MI	Gary Peters, Debbie Stabenow	John Moolenaar (04)	Willow Creek Enterprises LLC		\$20,000	This Rural Development investment will be used to help purchase and install a 63.18 kilowatt solar photovoltaic system to help an agricultural producer. This project will save \$12,410 per year and will replace 83,738 kilowatt hours (77 percent) per year, which is enough energy to power seven homes.
MI	Gary Peters, Debbie Stabenow	Tim Walberg (07)	Donald Johnson		\$20,000	This Rural Development investment will be used to purchase and install a 31.60 kilowatt solar photovoltaic system to help an agricultural producer. Donald Johnson is a sole proprietor grain and livestock farmer that operates in an economically depressed area of Southern Michigan. This project will save \$5,552 per year and replace 36,767 kilowatt hours (100 percent) per year.
MI	Gary Peters, Debbie Stabenow	Fred Upton (06)	Prairie Piglets LLC		\$20,000	This Rural Development investment will be used to help purchase and install a 48.51 kilowatts solar photovoltaic system to help an agricultural Producer. This project will save \$8,419 per year and replace 64,020 kilowatt hours (95 percent) per year, which is enough energy to power five homes.
MI	Gary Peters, Debbie Stabenow	Fred Upton (06)	Payla Meadows LLC		\$20,000	This Rural Development investment will be used to help purchase and install a 92.40 kilowatt solar photovoltaic system. This project will save \$14,864 per year and replace 120,257 kilowatt hours (69 percent) per year, which is enough energy to power 11 homes.
MI	Gary Peters, Debbie Stabenow	Jack Bergman (01)	Seeds & Spores Family Farm LLC		\$13,666	This Rural Development investment will be used to help purchase and install a 24.96 kilowatt solar photovoltaic system. This project will save \$4,143 per year and replace 31,579 kilowatt hours (93 percent) per year.
MI	Gary Peters, Debbie Stabenow	Bill Huizenga (02)	Kantola Quality Farms LLC		\$11,812	This Rural Development investment will be used to help purchase and install a 30 kilowatt solar photovoltaic system. This project will save \$5,466 per year and replace 40,430 kilowatt hours (77 percent) per year.
MN	Amy Klobuchar, Tina Smith	Jim Hagedorn (01)	Theresa Trcka		\$2,893	This Rural Development investment will be used to help purchase and install a 12 kW solar array. This project will save the farm \$2,227 per year and will replace 16,914 kilowatt hours (222 percent) per year, which is enough energy to power one home.
MN	Amy Klobuchar, Tina Smith	Michelle Fischbach (07)	Jeffrey Zenzen		\$15,007	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save the farm \$7,548 per year and will replace 149,405 kilowatt hours (66 percent) per year, which is enough electricity to power 13 homes.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
MN	Amy Klobuchar, Tina Smith	Michelle Fischbach (07)	Schouvieller Farms Inc		\$12,000	This Rural Development investment will be used to purchase and install a grain dryer. Schouvieller Farms, Inc. is a family farm near Morgan, Minnesota. This project will save the farm \$5,107 per year and will replace 178,332 kWh (57.9 percent) of energy per year, which is enough electricity to power 16 homes.
MN	Amy Klobuchar, Tina Smith	Michelle Fischbach (07)	J & J Hanson Farms Inc		\$18,086	This Rural Development investment will be used to purchase and install a grain dryer. J & J Hanson Farms, Inc., is a family-owned farming operation Near Atwater, Minnesota. This project will save the farm \$12,982 per year and will replace 277,626 kWh (55.62 percent) per year, which is enough electricity to power 25 homes.
MN	Amy Klobuchar, Tina Smith	Michelle Fischbach (07)	Jay Mackedanz		\$17,325	This Rural Development investment will be used to purchase and install a grain dryer. Jay Mackedanz is a family farmer located near Hutchinson, Minnesota. This project will save the farm \$20,283 per year and will replace 471,277 kWh (42.43 percent) of energy per year, which is enough electricity to power 43 homes.
MN	Amy Klobuchar, Tina Smith	Jim Hagedom (01)	Jerome Stenzel		\$9,000	This Rural Development investment will be used to purchase and install a grain dryer. Jerome Stenzel is family farmer located near New Richland, Minnesota. This project will save the farm \$6,780 per year and will replace 129,819 kWh (45.12 percent) of energy per year, which is enough electricity to power 11 homes.
MN	Amy Klobuchar, Tina Smith	Angie Craig (02)	Sommers Farms LLC		\$13,531	This Rural Development investment will be used to purchase and install a grain dryer. Sommers Farms LLC is a family-owned farm near Faribault, Minnesota. This project will save the farm \$7,400 per year and will replace 198,289 kWh (58.49 percent) of energy per year, which is enough electricity to power 18 homes.
MN	Amy Klobuchar, Tina Smith	Jim Hagedom (01)	Craig Hanson		\$20,000	This Rural Development investment will be used to purchase and install a grain dryer. Craig Hanson is a family farmer located near Adams, Minnesota. This project will save the farm \$22,356 per year and will replace 455,692 kWh (41.06%) of energy per year, which is enough electricity to power 42 homes.
MN	Amy Klobuchar, Tina Smith	Jim Hagedom (01)	Michael Rupprecht		\$10,250	This Rural Development investment will be used to help Michael Rupprecht purchase and install a 26.5 kilowatt solar array. This project will save the farm \$4,176 per year and will generate 36,639 kilowatt hours per year, which is enough energy to power three homes.
MO	Roy Blunt, Josh Hawley	Sam Graves (06)	Green Dirt Farm LLC		\$8,748	This Rural Development investment will be used to help purchase and install a refrigerator/freezer unit for this small business in Weston, Missouri. Green Dirt Farm, L.L.C. sells sheep, dairy and artisan cheese. This project is expected to save \$10,706 per year. It will replace 28,739 kilowatt hours (kWh) (91.7 percent of the company's energy use) per year.
MO	Roy Blunt, Josh Hawley	Sam Graves (06)	North Missouri Tire Incorporated		\$9,266	This Rural Development investment will be used to help North Missouri Tire, Incorporated., a tire sales company in Kirksville, Missouri, install LED lighting throughout its retail store and warehouse. This project is expected to save \$10,573 per year. It will replace 119,302 kilowatt hours (kWh) (74 percent of the company's energy use) per year, which is enough electricity to power 10 homes.
MO	Roy Blunt, Josh Hawley	Blaine Luetkemeyer (03)	DeLong's Incorporated		\$3,255	This Rural Development investment will be used to help DeLong's Incorporated, a steel fabrication business in Jefferson City, Missouri, purchase and install 56 LED lighting fixtures in its commercial buildings. The lighting fixtures are expected to save the company \$12,966 in electrical costs per year.
MO	Roy Blunt, Josh Hawley	Vicky Hartzler (04)	Randy's Auto Body LLC		\$20,000	This Rural Development investment will be used to help Randy's Auto Body, L.L.C, an auto repair and restorative services business in Mexico, Missouri, install a new 48-kilowatt solar array system. This project is expected to save \$7,571 per year. It will replace 76,315 kilowatt hours (kWh) (96 percent of the company's energy use) per year, which is enough energy to power seven homes.
MO	Roy Blunt, Josh Hawley	Emanuel Cleaver (05)	Dennis Ray Oetting		\$7,843	This Rural Development investment will be used to help Dennis Oetting, the owner and operator of his farm located in Concordia, Missouri, purchase and install a 16.3-kilowatt solar array. This project is expected to save \$3,105 per year. It will replace 31,334 kilowatt hours (kWh) (78.41 percent of the operation's energy use) per year.
MO	Roy Blunt, Josh Hawley	Sam Graves (06)	Feeders Grain Incorporated		\$20,000	This Rural Development investment will be used to help Feeders Grain, Incorporated., a local commercial grain elevator in Mexico, Missouri, install two new 30-kilowatt solar array systems. This project is expected to save \$4,336 per year. It will replace 56,506 kilowatt hours (kWh) (43 percent of the company's energy use) per year, which is enough energy to power five homes.
MO	Roy Blunt, Josh Hawley	Sam Graves (06)	Levi Austin Rhodes		\$6,518	This Rural Development investment will be used to assist Levi Rhodes with the purchase and installation of a 13.2 kW solar array for this agricultural producer's farm in Amity, Missouri. This project is expected to save \$3,267 per year. It will replace 15,563 kilowatt hours (kWh) (83 percent of the farm's energy use) per year.

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MO	Roy Blunt, Hawley	Josh Sam Graves (06)	William Miner Stanley		\$3,634	This Rural Development investment will be used to assist William Stanley, an agriculture producer in Rothville, Missouri, purchase and install a 20-kW solar array. This project is expected to save \$2,829 per year. It will replace 19,043 kilowatt hours (kWh) (64 percent of the farm's energy use) per year.
MO	Roy Blunt, Hawley	Josh Billy Long (07)	All About Pets LLC		\$9,360	This Rural Development investment will be used to assist All About Pets, a veterinary clinic in Purdy, Missouri, purchase and install a 16.64-kilowatt solar array. This project is expected to save \$2,986 per year. It will replace 22,119 kilowatt hours (kWh) (100 percent of the company's energy use) per year.
MO	Roy Blunt, Hawley	Josh Billy Long (07)	Sobrad Properties LLC		\$9,324	This Rural Development investment will be used to help Sobrad Properties, LLC purchase and install a 20.72 kW solar array for this veterinary clinic in Neosho, Missouri. This project is expected to save \$3,593 per year. It will replace 31,961 kilowatt hours (kWh) (100 percent of the company's energy use) per year.
MO	Roy Blunt, Hawley	Josh Sam Graves (06)	Henke Family Hog Farms LLC		\$8,755	This Rural Development investment will be used to help Henke Family Hog Farms, L.L.C. install a 23.4-kilowatt solar array for this agricultural producer's swine facility in Princeton, Missouri. This project is expected to save \$3,235 per year. It will replace 33,960 kilowatt hours (kWh) (100 percent of the agricultural producer's energy use) per year.
MO	Roy Blunt, Hawley	Josh Billy Long (07)	Persimmon Hill Farm Gourmet Foods Incorporated		\$19,740	This Rural Development investment will be used to help Persimmon Hill Farm Gourmet Foods, Incorporated, purchase and install a 54.6 kW solar array for this mixed berry and mushroom farm business in Lampe, Missouri. This project is expected to replace 71,342 kilowatt hours (kWh) (100 percent of the company's energy use) per year, which is enough electricity to power six homes.
MO	Roy Blunt, Hawley	Josh Billy Long (07)	James C. Millsap		\$11,475	This Rural Development investment will be used to help James Millsap, an agricultural producer, purchase and install a 25.5 kW solar array for his vegetable and melon farm in Springfield, Missouri. This project is expected to save \$3,064 per year. It will replace 35,680 kilowatt hours (kWh) (71 percent of the producer's energy use) per year.
MO	Roy Blunt, Hawley	Josh Billy Long (07)	Championship Marine Repair LLC		\$9,927	This Rural Development investment will be used to assist Championship Marine Repair, LLC, a boat repair shop, located in Spokane, Missouri, purchase and install a 26-kW solar array. This project is expected to save \$3,105 per year. It will replace 34,742 kilowatt hours (kWh) (116.88 percent of the company's energy use) per year.
MO	Roy Blunt, Hawley	Josh Sam Graves (06)	Service Lube Incorporated		\$8,455	This Rural Development investment will be used to help purchase and install a 21-kW solar array for this automotive service shop in Maryville, Missouri. This project is expected to save \$2,762 per year. It will replace 27,903 kilowatt hours (kWh) (90.5 percent of the company's energy use) per year.
MO	Roy Blunt, Hawley	Josh Vicky Hartzler (04)	Creative Car Audio Incorporated		\$14,400	This Rural Development investment will be used to help purchase and install a 30-kW solar array for this specialized in customizable car audio located in Sedalia, Missouri. This project is expected to save \$3,945 per year. It will replace 39,445 kilowatt hours (kWh) (95.3 percent of the company's energy use) per year.
MO	Roy Blunt, Hawley	Josh Blaine Luetkemeyer (03)	Samuel M. Doerhoff		\$12,800	This Rural Development investment will be used to help Location Seven Properties LLC, a rental management company in Fulton, Missouri, install a 25.6-kilowatt solar array system. This project is expected to save \$3,716 per year. It will replace 37,161 kilowatt hours (kWh) (100 percent of the company's energy use) per year.
MO	Roy Blunt, Hawley	Josh Sam Graves (06)	John Daniel McVicker		\$20,000	This Rural Development investment will be used to help John McVicker, a swine producer in Bevier, Missouri, purchase and install a 53.2-kilowatt solar array. This project is expected to save \$8,365 per year. It will replace 76,047 kilowatt hours (kWh) (93 percent of the farm's energy use) per year, which is enough electricity to power seven homes.
MO	Roy Blunt, Hawley	Josh Sam Graves (06)	Nolands Catering LLC		\$14,500	This Rural Development investment will be used to help Nolands Catering LLC, a local catering business in Macon, Missouri, install a 23.4-kilowatt solar array system. This project is expected to save \$504 per year. It will replace 29,715 kilowatt hours (kWh) (93 percent of the company's energy use) per year.
MS	Cindy Hyde-Smith, Roger Wicker	Trent Kelly (01)	Marshall Litwiller		\$12,300	This Rural Development investment will be used to help install automated oxygen monitoring systems in each of the ponds. The monitoring buoy will turn on the aerators only when needed. This project will save 585 kilowatt hours of electricity and 886 gallons of diesel valued at \$4,834 which is a 35.03 percent reduction from energy consumption of the 12-month period prior to the grant application.

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MS	Cindy Hyde-Smith, Roger Wicker	Steven Palazzo (04)	Dickens Family Farm LLC		\$49,985	This Rural Development investment will be used to help Dickens Family Farm LLC install a large ground-mounted solar photovoltaic system to the farm's six broiler houses. The proposed system will have a projected annual production capability of 186,000 kilowatt hours, replacing 68 percent of the typical recent 12-month electricity consumption.
MS	Cindy Hyde-Smith, Roger Wicker	Steven Palazzo (04)	Gulf Coast Solar LLC		\$500,000	This Rural Development investment will be used to install energy efficiency improvements. Gulf Coast Solar is contracting with LightEdison (LE) for the fixed-price design and build of fixed-tilt, ground-mount solar photovoltaic equipment co-located at three different wastewater treatment facilities located in Hancock County, Miss. These site identified for the project are in Kiln, Miss (North Location); Waveland, Miss-(South Location); and Pearlinton, Miss (West Location). These solar installations will be installed on land leased directly from Hancock County Utility Authority (HCUA). GCS will own, operate, and maintain the solar installations, leasing them to HCUA. The proposed system will generate 2,147,368 kilowatt hours of electricity, replacing 103 per cent of electricity at the North location, 57 per cent of electricity at the South location, and 107 per cent of electricity at the West location, which is valued at \$202,549.
MS	Cindy Hyde-Smith, Roger Wicker	Bennie Thompson (02)	Silent Shade Planting Company		\$64,282	This Rural Development investment will be used to help install a G2418 grain dryer, which is the process of drying grain to prevent spoilage during storage. This project will save 128,889 kilowatt hours of electricity and 1,483 cubic feet (CCF-100 cubic feet) of natural gas valued at \$21,453.81, which is a 58.6 per cent reduction in energy consumption for the 12-month period prior to grant application. Members of this entity include Jeremy Jack and Stacie Koger as 50 percent partners.
MS	Cindy Hyde-Smith, Roger Wicker	Michael Guest (03)	Chau Tran		\$12,092	This Rural Development investment will be used to install energy efficiency improvements. These funds will be used to improve the energy efficiency of the buildings' insulation, ventilation, and lighting systems. This project will save 99,578 kilowatt hours of electricity and 4,228 gallons of propane, valued at \$15,278, which is a 25.68 percent reduction from electricity consumption for the 12-month period prior to grant application.
MS	Cindy Hyde-Smith, Roger Wicker	Steven Palazzo (04)	KD DO LLC		\$20,000	This Rural Development investment will be used to improve the energy efficiency of the buildings' insulation and ventilation systems. This project will save 43,262 kilowatt hours of electricity and 866 cubic feet (CCF -100 cubic feet) of natural gas valued at \$5,028, which is a 10.56 per cent reduction in electricity consumption for the 12-month period prior to grant application.
MS	Cindy Hyde-Smith, Roger Wicker	Trent Kelly (01)	Caleb Koehn		\$19,941	This Rural Development investment will be used to install an automated oxygen monitoring system with computer controllers for pond aeration systems in 10 ponds. This project will save 4,000 kilowatt hours of electricity and 3,199 gallons of diesel valued at \$10,286 which is a 35.2 percent reduction from energy consumption of the 12-month period prior to grant application.
MS	Cindy Hyde-Smith, Roger Wicker	Trent Kelly (01)	Front Porch Fish Farm LLC		\$15,209	This Rural Development investments will be used to install energy efficiency improvements. Front Porch Fish Farm, LLC, is a catfish farm located in Prairie, Mississippi, owned and operated by Barbara Wilson. Specifically, the producer's objective is to install the energy efficiency improvements which include oxygen monitoring systems with computer controllers for pond aeration systems to 10 catfish production ponds resulting in significant annual energy savings. The projected annual energy savings include 72,000 kilowatt hours of electricity and 405 gallons of diesel valued at \$8,372, which is a 39.24 per cent reduction from energy consumption of the 12-month period prior to grant application.
MS	Cindy Hyde-Smith, Roger Wicker	Michael Guest (03)	Samuel Saul		\$14,080	This Rural Development investment will be used to install automated oxygen monitoring system in each of the nine ponds located on the farm. This includes a dissolved oxygen monitoring buoy and aerator controllers. This project will save 252,856 kilowatt hours of electricity and 1,040 gallons of diesel valued at \$23,061, which is a 40.07 percent reduction from energy consumption over the 12-month period prior to grant application.
MS	Cindy Hyde-Smith, Roger Wicker	Bennie Thompson (02)	Pillow Farms		\$61,466	This Rural Development investments will be used to install a GSI 23260 continuous mixed flow grain dryer, which is the process of drying grain to prevent spoilage during storage. This project will save 106,110 kilowatt hours of energy valued at \$7,228.17, which is a 70.16 per cent reduction in energy consumption for the 12-month period prior to grant application.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Webber Holding LLC		\$4,749	This Rural Development investment will be used to develop renewable energy systems and make energy-efficiency improvements which will have a direct benefit to the communities of Fallon County, Mont. Located in Eastern Montana, and bordering N. Dakota, Fallon County has about 2,900 residents who live in the city of Baker and the town of Plevna, which encompass Fallon County's 1,619 square mile vicinity. Webber Holding LLC leases business space to Baker Drug LLC, a local pharmacy and drug store. Project funds will be used to replace lighting, heating and air conditioning for energy efficiency improvements to Baker Drug. This project is expected to realize \$3,856 in annual energy savings and will save 6,943 kW of electricity per year. This is enough to power one home.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	WHP Properties LLC		\$10,597	This Rural Development investment will be used to help WHP Properties LLC, a holding company for Plains Physical Therapy in Plains, Mont., which is about 75 miles northwest of Missoula, make energy-efficiency improvements to their operations. WHP Properties LLC will purchase and install a 14,060 kWh solar array for the physical therapy business, which is owned by Emily Herndon. This solar array system is expected to realize \$2,520 per year in savings and lower WHP Properties LLC's energy use by 87 percent annually. This is enough electricity to power one home.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Wildwood Brewing Incorporated		\$11,808	This Rural Development investment will be used to help Wildwood Brewing Incorporated, a craft brewery in Stevensville, Mont., develop renewable energy systems and make energy-efficiency improvements to their operations. Jim Lueders, the owner and brewer, started homebrewing in the 1980s and, in 2012, Wildwood Brewing Incorporated opened its doors. Wildwood Brewing Incorporated uses a state-of-the-art brewing system and an integrated production system which transforms waste streams from the brewing process into inputs for a network of industries. Grant funds will be used to purchase and install a 50,000 kWh solar array system which will power the brewery. This project is expected to realize \$4,050 in annual cost savings and will replace/save 50,000 kWh of electricity per year. This project is expected to lower the brewery's energy use by 40 percent annually. This is enough electricity to power four homes.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	REcreate Designs LLC		\$3,738	This Rural Development investment will be used to help REcreate Designs LLC, an adult and children's clothing line, accessories, and home goods made from upcycled materials, make energy-efficiency improvements to their operations. REcreate Designs has been in business since 2005 and is located in St. Ignatius, Mont., about 40 miles north of Missoula. They employ local people and source raw materials from thrift and second-hand outlets and repurpose them into their products. REcreate Designs keeps an estimated 3,000 pounds of waste out of the landfills every year and is proud to be 100 percent made in Montana. Project funds will be used to make energy efficiency improvements with the purchase a new front door and energy-efficient lighting. These upgrades will save the business about \$2,100 per year and reduce energy consumption by 7,325 kWh or by nearly 31 percent. This is enough electricity to power nearly one home annually.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Fireroot Distillery LLC		\$3,927	This Rural Development investment will be used to develop renewable energy systems and make energy-efficiency improvements for a distillery operation in Florence, Mont. FireRoot Spirits, which is a family-run company nestled between the Sapphire and Bitterroot Mountain ranges, planted their orchard in spring of 2016. The business now has a mix of nineteen varieties of apples, with over 400 cider apple trees. This project involves installing a 14,000 kWh solar system to reduce electric usage in FireRoot Spirits' spirits manufacturing plant. Cost is \$30,708. The owners will complete the construction and this project includes \$3,927 in grant funds.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Polebridge Mercantile & Bakery LLC		\$16,797	This Rural Development investment will be used to help Polebridge Mercantile & Bakery LLC enhance their current renewable energy system from 20 kW hours to 60 kW hour storage capacity. They will also install a solar hot water system to support their commercial kitchen. These renovations are needed due to their unique "off the grid" location, which is adjacent to the northwestern entrance to Glacier National Park. Polebridge Mercantile & Bakery has been operating since 1914 and draws many tourists to this remote area. This renewable energy upgrade will increase system storage capacity by 50 percent and photovoltaic capacity by 25 percent. The solar hot water system will ease the energy needs of the growing bakery.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Glacier Guides		\$11,363	This Rural Development investment will be used to help install a 31.94 kW rooftop solar array on their business located at the edge of Glacier National Park. Glacier Guides has been in business since 1983 and has its corporate headquarters in West Glacier, Mont. Glacier Guides provides ecologically sensitive outdoor adventures to the public, including hiking, rafting, fishing and biking. With this Renewable Energy Source, 14,757 kw of energy will be replaced by solar with an annual savings of \$1,129.

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MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Alpacas of Montana		\$14,264	This Rural Development investment will be used to develop renewable energy systems and make energy-efficiency improvements for a small, rural business in Gallatin County, Mont. Nestled in the heart of the Rocky Mountains, Gallatin County is the most populated and fastest growing county in southwest Montana, with Bozeman as its County Seat. Alpacas of Montana is an alpaca textile company offering alpaca products which Incorporated compost, socks, hats, scarves, sweaters, blankets and mittens. This small business will use project funds to purchase and install a 25,925 kW solar array system. The project is expected to realize \$3,836 in annual energy savings and will generate 31,964 kW of electricity per year. This is enough to power three homes.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Greg Rugland		\$9,726	This Rural Development investment will be used to develop renewable energy systems and make energy-efficiency improvements for a ranching operation in Geysler, Mont. Located in an unincorporated community about 45 miles southeast of Great Falls, Mont., Geysler is in northwestern Judith Basin County and sits between the Highwood and Little Belt mountains. Greg Rugland, the sole proprietor of a family-owned cow and calf operation, will use project funds to purchase and install a 10 kW solar photovoltaic (PV) system that will be ground-mounted on his ranch. This project is expected to realize \$282 in annual energy savings and will replace/save 2,348 kW of electricity per year.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Glendive Eyecare		\$13,619	This Rural Development investment will be used to help Glendive Eyecare purchase and install new heating and cooling equipment. This project will result in \$2,075 of annual cost-savings and will save 33,520 kilowatt-hours per year, reducing the business' energy usage by 27 percent.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Kathleen Hochstrat		\$10,116	This Rural Development investment will be used to develop renewable energy systems and make energy-efficiency improvements. These funds will be used to purchase and install a 19.5 kW solar array on her property and is expected to realize \$3,148 in annual energy savings by generating 28,617 kW of electricity per year, which will have a direct benefit to farmers, ranchers, and rural small businesses in Meagher County, Mont. With almost 2,000 total residents, Meagher County lies about 85 miles east of Helena, Mont. and includes the county seat of White Sulphur Springs and the communities of Martinsdale, Checkerboard, Lennep and Ringling. Kathleen Hochstrat is a hay and grain producer who raises and finishes cattle and pigs in Meagher County. This is enough to power three homes.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Shirley Nash - Nash Realty LLC		\$6,075	This Rural Development investment will be used to make energy efficiency improvements to their operations. Improvements will include the purchase and install of a 10.50 kW solar array, which should result in an annual cost savings of \$1,588. These energy efficiency improvements are expected to generate 13,230 kW annually, which is enough electricity to power one home throughout a 12-month period.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	414 Holdings LLC		\$14,415	This Rural Development investment will be used to help 414 Holdings LLC purchase and install a 38.16 kilowatt-hour solar array, which should result in an annual cost savings of \$4,853. These energy-efficiency improvements are expected to generate 44,120 kilowatt-hours annually, which is enough electricity to power four homes.
MT	Steve Daines, Jon Tester	Matt Rosendale (At-Large)	Eric Harris		\$10,554	This Rural Development investment will be used to develop renewable energy systems and make energy-efficiency improvements which will have a direct benefit to farmers, ranchers, and rural small businesses in Teton County, Mont. Located on the Rocky Mountain Front about 60 miles west of Great Falls, Mont., Teton County is sparsely populated and includes the communities of Bynum, Choteau, Dutton, Fairfield, Pendroy and Power. Eric Harris, the sole operator of a family-owned farm and ranch, will use the project funds for the purchase and installation of a 310 Watt solar array system. The project is expected to realize \$1,589 in annual energy savings and will replace/save 13,243 kWh of electricity per year. This is enough to power one home.
NC	Richard Burr, Thom Tillis	G.K. Butterfield (01)	Brinkley Farms Incorporated		\$12,172	This Rural Development investment will be used to provide funds to replace the irrigation system. Brinkley Farms Incorporated will increase the efficiency of the business operation overall and will result in dramatic energy savings and cost reductions. This project is estimated to reduce energy consumption by 86.1 percent and save the business \$8,001.47 a year.
NC	Richard Burr, Thom Tillis	Madison Cawthorn (11)	Anne C. Rose Insurance Agency Incorporated		\$5,859	This Rural Development investment will be used to help purchase and install a 6.82 kilowatt solar array. This project will generate 8,563 kilowatt hours per year and realize \$1,182 of saving per year.
NC	Richard Burr, Thom Tillis	Deborah Ross (02)	Highest Power Solar LLC	\$25,000,000		This Rural Development investment will be used to help purchase and install a 68.18 MW solar system. The system is estimated to produce 116,395,572 kilowatt hours in year one, which is enough electricity to power 10,608 homes.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
NC	Richard Burr, Thom Tillis	Deborah Ross (02)	Highest Power Solar LLC	\$14,000,000		This Rural Development investment will be used to build the ground solar plus storage array. This will be a 68.180 mw (DC) ground solar plus storage array located in Louisburg, N.C. (Franklin County) The borrower will sell power and get paid for capacity viz a PPA with Duke Energy. Energy will be placed on the utilizes system, utility will then use the power to sell to its customers.
NC	Richard Burr, Thom Tillis	G.K. Butterfield (01)	Grissom Solar LLC	\$7,500,000		This Rural Development investment will be used to help purchase and install a 7.00 MW solar system. The system is estimated to produce 11,914,000 kilowatt hours in year one, which is enough electricity to power 1,086 homes.
NC	Richard Burr, Thom Tillis	Madison Cawthorn (11)	Ross Dairy Incorporated		\$15,464	This Rural Development investment will be used to help purchase and install a milk chiller system. This project will save \$5,022 per year and replace 69,426 kilowatt hours (25 percent) per year, which is enough electricity to power six homes.
NC	Richard Burr, Thom Tillis	Madison Cawthorn (11)	Motion Maker LLC		\$11,969	This Rural Development investment will be used to help purchase and install a 14.8 kilowatt solar array. This project will generate 20,963 kilowatt hours per year and realize \$2,955 of saving per year.
NC	Richard Burr, Thom Tillis	Richard Hudson (08)	Whiskey Solar LLC	\$6,500,000		This Rural Development investment will be used to help purchase and install a 6.99 MW solar system. The system is estimated to produce 12,051,207 kilowatt hours in year one, which is enough electricity to power 1,122 homes.
NC	Richard Burr, Thom Tillis	Ted Budd (13)	Fading D Farm LLC		\$13,090	This Rural Development investment will be used to help purchase and install a 29.9 kW solar array. This project will generate 33,947 kilowatt hours per year and realize \$3,734 of saving per year.
NC	Richard Burr, Thom Tillis	Richard Hudson (08)	Triple S. Farms of Salisbury N.C. Incorporated		\$13,357	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save \$4,468 per year and will replace 21,270 kilowatt hours (72 percent) per year, which is enough electricity to power two homes.
NC	Richard Burr, Thom Tillis	Madison Cawthorn (11)	Platt Architecture P.A.		\$8,866	This Rural Development investment will be used to help purchase and install a 13.9 kilowatt solar array. This project will generate 15,267 kilowatt hours per year and realize \$1,542 of saving per year.
ND	John Hoeven, Kevin Cramer	Kelly Armstrong (At-Large)	James Diepolder		\$20,000	This Rural Development investment will be used to help install a more energy efficient grain drying system. This project will save the business \$4,081 per year and will replace 81,639 kilowatt hours (22 percent) per year, which is enough electricity to power eight homes.
ND	John Hoeven, Kevin Cramer	Kelly Armstrong (At-Large)	Corey Hovelson		\$9,440	This Rural Development investment will be used to help install a more energy efficient grain drying system. This project will save the business \$13,455 per year and will replace 360,073 kilowatt hours (45 percent) per year, which is enough electricity to power 33 homes.
ND	John Hoeven, Kevin Cramer	Kelly Armstrong (At-Large)	Albert Grohs		\$12,568	This Rural Development investment will be used to help install a geothermal heating and cooling system. This project will save the business \$3,805 per year and will replace 65,608 kilowatt hours (76 percent) per year, which is enough electricity to power six homes.
ND	John Hoeven, Kevin Cramer	Kelly Armstrong (At-Large)	Brian Dale Haugen		\$19,703	This Rural Development investment will be used to install a more energy efficient grain drying system. This project will save the business \$5,955 per year and will replace 120,744 kilowatt hours (38 percent) per year, which is enough electricity to power 11 homes.
ND	John Hoeven, Kevin Cramer	Kelly Armstrong (At-Large)	Krause Incorporated		\$20,000	This Rural Development investment will be used to install more energy efficient refrigeration and HVAC systems. This project will save the business \$11,166 per year and will replace 140,238 kilowatt hours (26 percent) per year, which is enough electricity to power 13 homes.
ND	John Hoeven, Kevin Cramer	Kelly Armstrong (At-Large)	Red Trail Energy LLC	\$25,000,000		This Rural Development investment will be used to help construct a carbon capture processing and storage facility onto an existing ethanol manufacturing facility. The project will lower and reduce the carbon intensity score of its produced ethanol by 40 to 50 percent and allow distribution to low carbon fuel standard markets.
NE	Deb Fischer, Sasse	Ben Adrian Smith (03)	FTS Enterprises Inc		\$18,189	This Rural Development investment will be used to help FTS Enterprises Inc, a corn and soybean farm in Juniata, Nebraska, install a 15 kW wind turbine. This project is expected to save \$3,969 per year. It will generate 51,475 kilowatt hours (kWh) (112 percent of the company's energy use) per year, which is enough energy to power four homes.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
NE	Deb Fischer, Sasse	Ben Adrian Smith (03)	Sharon Wilkerson		\$9,208	This Rural Development investment will be used to help Sharon Wilkerson install a more energy-efficient propane to electric irrigation motor. Sharon Wilkerson is a lessor of real estate in Elgin, Nebraska. The new system is expected to save Wilkerson \$3,661.98 in electrical costs per year. The improvements are projected to save 116,632 kilowatt hours (kWh) (83 percent of the individual's energy use) per year, which is enough energy to power 10 homes.
NE	Deb Fischer, Sasse	Ben Jeff Fortenberry (01)	Webster Well Inc		\$2,628	This Rural Development investment will be used to help Webster Well Inc., a well and irrigation installer in North Bend, Nebraska., install an eight kilowatt solar array. This project is expected to generate \$897 per year. It will generate 12,590 kilowatt hours (kWh) (36 percent of the company's energy use) per year, which is enough energy to power one home.
NE	Deb Fischer, Sasse	Ben Jeff Fortenberry (01)	Buel Properties LLC		\$11,135	This Rural Development investment will be used to help Buel Properties LLC, a real estate investor in Hickman, Nebraska, install a 19.2 kW solar array. This project is expected to generate \$3,632 per year. It will generate 30,379 kilowatt hours (kWh) (95 percent of the company's energy use) per year, which is enough energy to power two homes.
NE	Deb Fischer, Sasse	Ben Adrian Smith (03)	Charles Meirose		\$6,413	This Rural Development investment will be used to help Charles Meirose install a more energy-efficient diesel to electric irrigation motor. Charles Meirose is a grain and cattle farmer in Hartington, Nebraska. The new system is expected to save the agriculture producer \$2,994.55 in electrical costs per year. The improvements are projected to save 67,993 kilowatt hours (kWh) (65 percent of the ag producer's energy use) per year, which is enough energy to power six homes.
NE	Deb Fischer, Sasse	Ben Adrian Smith (03)	Farm to Family Cooperative Grocery Store		\$1,803	This Rural Development investment will be used to help Farm to Family Cooperative Grocery Store install a more energy-efficient deli case counter, produce cooler, and a sandwich prep cooler. Farm to Family Cooperative Grocery Store is a grocery store in Hay Springs, Nebraska. The new system is expected to save the company \$2,256.71 in electrical costs per year. The improvements are projected to save 26,524 kilowatt hours (kWh) (78 percent of the company's energy use) per year, which is enough energy to power two homes.
NE	Deb Fischer, Sasse	Ben Adrian Smith (03)	James Bjorklund		\$11,986	This Rural Development investment will be used to help James Bjorklund install a more energy-efficient submersible irrigation pump and motor, as well as a variable frequency drive panel. James Bjorklund is a corn and soybean farmer in Greeley, Nebraska. The new system is expected to save the agriculture producer \$6,557.19 in electrical costs per year. The improvements are projected to save 48,331 kilowatt hours (kWh) (54 percent of the agriculture producer's energy use) per year, which is enough energy to power four homes.
NE	Deb Fischer, Sasse	Ben Adrian Smith (03)	Janssen Kuenle Automotive LLC		\$6,408	This Rural Development investment will be used to help Janssen Kuenle Automotive LLC install a more energy-efficient LED lighting. Janssen Kuenle Automotive LLC is a car dealer in North Platte, Neb. The new system is expected to save the company \$5,985.08 in electrical costs per year. The improvements are projected to save 51,007 kilowatt hours (kWh) (43 percent of the company's energy use) per year, which is enough energy to power four homes.
NE	Deb Fischer, Sasse	Ben Adrian Smith (03)	Wendt Life Homemade		\$9,280	This Rural Development investment will be used to help Wendt Life Homemade, a vegetable farm in Genoa, Neb., install a 24 kW solar array. This project is expected to generate \$2,506 per year. It will generate 36,145 kilowatt hours (kWh) (116.14 percent of the company's energy use) per year, which is enough energy to power three homes per year.
NH	Maggie Hassan, Jeanne Shaheen	Chris Pappas (01)	376 Court Street LLC		\$6,936	This Rural Development investment will be used to purchase and install a 13.1 kilowatt roof-mounted solar array at a building owned by 376 Court Street, LLC, a commercial property in Laconia, New Hampshire. The site houses commercial businesses across from Lake Winnisquam in an area heavily dependent upon tourism. The array will produce 95 percent of the historical electrical needs, saving the owner about \$3,000 annually.
NH	Maggie Hassan, Jeanne Shaheen	Ann McLane Kuster (02)	Scoggins General Store LLC		\$15,765	This Rural Development investment will be used to purchase and install an 18.75 kilowatt roof-mounted solar array. Located in the heart of Gorham, the store was named after the nearby Androscoggin River and is a popular destination for tourists and locals alike. The solar array will generate 81 percent of the family-owned business's electricity needs, saving it over \$2,700 on an annual basis.
NH	Maggie Hassan, Jeanne Shaheen	Ann McLane Kuster (02)	SRH Farm Food LLC		\$15,938	This Rural Development investment will be used to purchase and install an 37 kilowatt roof-mounted solar array at the Mayfair Farm, a diverse farm and food business. Sarah Heffron owns the property under SRH Farm Food, LLC, which raises pork and lamb and produces hay, syrup, fruits and berries. The energy generated by the system is valued at almost \$6,000 and will handle historical usage, allowing the operation to expand.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
NH	Maggie Hassan, Jeanne Shaheen	Chris Pappas (01)	New Salem Brewing LLC		\$11,907	This Rural Development investment will be used to purchase and install an 37 kilowatt roof-mounted solar array at the Mayfair Farm, a diverse farm and food business. Sarah Heffron owns the property under SRH Farm Food, LLC, which raises pork and lamb and produces hay, syrup, fruits and berries. The energy generated by the system is valued at almost \$6,000 and will handle historical usage, allowing the operation to expand.
NH	Maggie Hassan, Jeanne Shaheen	Ann McLane Kuster (02)	131 Broad Street LLC		\$14,795	This Rural Development investment will be used to make energy efficiency improvements to a building located at 131 Broad Street in Hanover, New Hampshire. The 90 year-old building has served multiple purposes over the years, and improvements planned by the owner will enable it to be used for years to come. In addition to general renovations, air source heat pumps will be installed, the envelope will be insulated, and new windows will be installed. Together, the upgrades will reduce energy use by 42 percent, which is enough to offset the electricity needs of 6 homes.
NH	Maggie Hassan, Jeanne Shaheen	Ann McLane Kuster (02)	James Meinecke dba Lewis Farm & Greenhouses		\$6,426	This Rural Development investment will be used to assist Lewis Farm and Greenhouses, a relatively new operation owned by James Meinecke and Rebecca McWilliams. The small vegetable-growing operation is installing an 8.8 kilowatt ground-mounted solar array to offset current energy expenses while allowing for expansion.
NJ	Cory Booker, Robert Menendez	Andy Kim (03)	The Computer Specialist LLC		\$16,402	This Rural Development investment will be used to help purchase and install a 25 kilowatt ground mount solar array. This project will generate 34 kilowatt hours of energy for annual savings of 15.4 kilowatt hours or 45 percent of their current energy cost.
NJ	Cory Booker, Robert Menendez	Jeff Van Drew (02)	Creamery on 83		\$20,000	This Rural Development investment will be used to purchase and install a 40 kilowatt ground (canopy) mount solar array system for Creamery on 83, LLC. The Creamery on 83, LLC is an seasonal ice cream shop in Cape May County, New Jersey. This project, when completed, will generate 49,262 kilowatt hours of energy which is anticipated to replace 100 percent of expected usage.
NJ	Cory Booker, Robert Menendez	Andy Kim (03)	Fernbrook Nursery		\$14,248	This Rural Development investment will be used for the purchase and installation of a 24.15 kilowatt roof top solar array system for Fernbrook Nursery Incorporated. The wholesale nursery grows and sells a large variety of flowering plants, trees and shrubs on their 230 acres of farmland. Fernbrook's Nursery, Incorporated. will realize significant energy savings, over \$67,000 per year.
NJ	Cory Booker, Robert Menendez	Jeff Van Drew (02)	Willow Creek Wineries		\$9,182	This Rural Development investment will be used for the purchase and install a 17.49 kilowatt roof top solar array system for Willow Creek Winery. The winery produces premium wines on their 50-acre farm in Cape May, New Jersey. This project when completed and operational will realize a savings of over \$15,000 per year.
NJ	Cory Booker, Robert Menendez	Jeff Van Drew (02)	Tuckahoe Turf		\$11,360	This Rural Development investment will be used to purchase and install a 150 HP Electric Irrigation Motor. The sod farm, which has over 800 acres, is replacing their diesel motor for an electric motor which is a cleaner energy source. This project, when completed, will generate 18,501 kilowatt hours of energy over a 248 hour period for a 78 percent savings.
NJ	Cory Booker, Robert Menendez	Mikie Sherrill (11)	Delb PPA	\$1,505,000		This Rural Development investment will be used to provide permanent financing of a 750 kilowatt roof mount solar array on eight separate buildings on the campus of Delbarton School in Morris County, New Jersey. Energy produced will be purchased by the school via a 20 year power purchase agreement.
NJ	Cory Booker, Robert Menendez	Tom Malinowski (07)	North Jersey RC&D Area Incorporated		\$100,000	This Rural Development investment will be used to advance awareness and implementation of renewable energy systems in New Jersey. North Jersey Resource Conservation and Development will help promote the availability of renewable energy assessments and technical assistance through a marketing and outreach campaign in Northern New Jersey. This effort will support the local Rural Development office by helping project participants apply for USDA REAP grants and/or other funding programs.
NM	Martin Heinrich, Ben Ray Lujan	Deb Haaland (01)	Matthew Draper		\$3,859	This Rural Development investment will be used to purchase and install a 3.75 kW solar power array. Mr. Draper owns and operates a small agriculture production farm growing vegetables and chicken egg production in the Village of Los Ranchos de Albuquerque, N.M. After installation, the solar system will save the business \$1,129.00 in its annual electric bill. The new solar system will generate 6,955 in kilowatt-hours of electricity which is equal to 97 percent of the electricity this agriculture operation uses every year.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
NM	Martin Heinrich, Ben Ray Lujan	Yvette Herrell (02)	Burnt Well Guest Ranch LLC		\$12,436	This Rural Development investment is be used to purchase and install a 15.68 kW solar power array. After installation, the solar system will save the business \$3,166.00 in its annual electric bill. The new solar system will generate 28,788 in kilowatt-hours of electricity which is equal to 98.03 percent of the electricity this operation uses every year. Located in Roswell, N.M. the Burnt Well Guest Ranch is an actual working cattle ranch. Guests staying at the ranch will be immersed in the day-to-day ranching operations and the "Cowboy/Cowgirl lifestyle. They'll learn how to rope, ride a horse and take part in cattle drives and how to manage cattle. After a day of working on the range, guests will relax and have the opportunity to enjoy, campfires, playing horseshoes, hiking, bird watching, star gazing and more. And of course, the guests are fed home cooked cowboy family style meals.
NM	Martin Heinrich, Ben Ray Lujan	Teresa Leger Fernandez (03)	Seddin Investments LLC		\$43,761	This Rural Development investment will be used to purchase and install a 60.8kW Solar PV System by Seddin Investments LLC that operates a resort called, "The Retreat at Angel Fire" in Angel Fire, N.M. Located in the high mountains in the northern part of the state the family owned resort consists of ten fully furnished cabins on twelve private acres. After installation, the solar system will save the business \$12,911 in its annual electric bill. The solar system will generate 94,773 in kilowatt-hours of electricity which is equal to 290 percent of the electricity this business uses every year. Making this financial outlay a very good investment for Seddin Investments LLC
NM	Martin Heinrich, Ben Ray Lujan	Teresa Leger Fernandez (03)	Seddin Investments LLC		\$63,737	This Rural Development investment will be used to help purchase and install energy efficient heating, ventilation, and air conditioning units, water heaters, insulation and cook stoves. This investment will save the business \$22,382.00 in its annual electric bill. The improvements will generate 98,550 in kilowatt hours of electricity and 3,920 in LP Gas savings equal to 54 percent of the electricity this hospitality business uses every year. Seddin Investments LLC is a family owned business which operates a ten-cabin resort business located in the Village of Angel Fire, N.M.
NM	Martin Heinrich, Ben Ray Lujan	Yvette Herrell (02)	New Mexico Wineries Incorporated		\$154,314	This Rural Development investment will be used to help the Lescombes family purchase and install a 271.92 kilowatt solar power array. The family has been making wine for six generations and moved their operation to southern N.M. where they planted their first vines in 1981. The solar power system will be used to power various types of equipment used to make the wine they produce. This investment save the business \$39,769 in its annual electric bill. The new solar system will generate 497,122 in kilowatt-hours of electricity which is equal to 51 percent of the electricity this agriculture operation uses every year.
NM	Martin Heinrich, Ben Ray Lujan	Yvette Herrell (02)	Robert S. Nichols dba Nichols Ranch		\$38,800	This Rural Development investment will be used to purchase and install a 30.38 kW solar power array. Mr. Nichols owns and operates a small orchard production of apples and cherries in La Luz, N.M. After installation, the solar system will save the business \$6,871 in its annual electric bill. The new solar system will generate 49,085 in kilowatt-hours of electricity which is equal to 111 percent of the electricity this agriculture operation uses every year.
NM	Martin Heinrich, Ben Ray Lujan	Yvette Herrell (02)	McGinn Enterprises Incorporated		\$8,818	This Rural Development investment will be used to help McGinn Enterprises Incorporated purchase and install a 11.85 kilowatt solar array. This investment will save the business \$2,826 in its annual electric bill. The photovoltaic system will generate 20,189 in kilowatt-hours of electricity which will generate more than 64 percent of the electricity the business uses every year. The new solar system array will generate enough electricity to power one home.
NM	Martin Heinrich, Ben Ray Lujan	Yvette Herrell (02)	Toby Bell		\$11,028	This Rural Development investment will be used to finance a pistachio farm owned by Toby Bell in Alamogordo, N.M. These funds will be used for the purchase and installation of a 14.72 kilowatt solar array. After the solar system is installed, the business will see \$3,386 savings in their annual electric bill. It will generate 24,186 kilowatt-hours of electricity which is more than 150 percent of the electricity the business uses every year.
NM	Martin Heinrich, Ben Ray Lujan	Teresa Leger Fernandez (03)	Brownrice Internet Incorporated		\$19,982	This Rural Development investment will be used to help Brownrice Internet, Incorporated purchase and install a 30 kilowatt solar photovoltaic array/parking canopy. When the solar system is installed the business will see \$75,959.00 annual energy savings. The new solar system will generate 50,635 in kilowatt-hours of electricity which is equal to 40.47 percent of the electricity the business uses every year. The new solar system array will generate enough electricity to power five average sized homes.
NM	Martin Heinrich, Ben Ray Lujan	Teresa Leger Fernandez (03)	Taos Communication Corporation		\$3,667	This Rural Development investment will be used to help KTAO-FM radio purchase and install a 16 kilowatt energy storage battery backup system. The radio station is known to be the first and largest solar powered radio station in the United States. The KTAO-FM began using solar power to run its transmitter located on top of 10,801 Picuris Peak south of Taos; this was necessary because there is not an electric power line located in the area. The battery backup system being purchased by this grant opportunity which will ensure the radio station can operate if its power source is interrupted.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
NM	Martin Heinrich, Ben Ray Lujan	Yvette Herrell (02)	Joseph Mathieu		\$40,130	This Rural Development investment will be used to finance the installation of a 236.9-kilowatt hour solar power array at Denny's Restaurant in Deming, New Mexico. Located in downtown Deming this iconic restaurant owned by Joseph Mathieu has been in business for many years and the addition of the solar power array will help the restaurant be more profitable. After installation, the solar power system will save the business \$8,424 in its annual electric bill. The new solar power system will generate 64,800 in kilowatt-hours of electricity which is equal to 30 percent of the electricity this operation uses every year.
NY	Kirsten Gillibrand, Charles Schumer	Chris Jacobs (27)	Carol A. Waterman		\$17,056	This Rural Development investment will be used to help Carol A. Waterman purchase and install a 33.6 kilowatt solar array. This project will save \$6,829 per year and replace 38,495 kilowatt hours (100 percent) per year.
NY	Kirsten Gillibrand, Charles Schumer	Sean Patrick Maloney (18)	GSPP Baxter 2 LLC	\$3,360,000		This Rural Development investment will be used to help GSPP Baxter 2, LLC provide permanent debt service for a 4.1 MW ground-mounted solar project in New Windsor, New York. The solar array is expected to produce 5,365,324 kilowatt hours of electricity in the first full year. Funding Incorporated includes a \$4,923,213 applicant contribution. Windsor, New York. The solar array is expected to produce 7,145,216 kilowatt hours of electricity in the first full year.
NY	Kirsten Gillibrand, Charles Schumer	Sean Patrick Maloney (18)	GSPP Baxter 1 LLC	\$4,480,000		This Rural Development investment will be used to provide permanent debt service for a 5.6 MW ground-mounted solar project in New Windsor, New York. GSPP Baxter I, LLC is one of multiple GSPP commercial-scale solar projects being constructed in New York with the same organizational structure. The solar array is expected to produce 7,151,372 kilowatt hours of electricity in the first full year.
NY	Kirsten Gillibrand, Charles Schumer	Antonio Delgado (19)	Marc Jaffe		\$9,616	This Rural Development investment will be used to purchase and install a 12 kilowatt solar array. This project will save \$1,695 per year and will replace 14,127 kilowatt hours (100 percent) per year. Snowdance Farm raises turkeys, chicken, pigs, and sheep in Livingston Manor, New York.
OH	Sherrrod Brown, Rob Portman	Warren Davidson (08)	Harbage Bros. Farming Co. LLC		\$20,000	This Rural Development investment will be used to help farmers, ranchers and rural small businesses in developing renewable energy systems and in making energy efficiency improvements to its operations. These project funds for agricultural producer, Harbage Bros Farming Co. LLC, will be used for the replacement of an inefficient grain dryer. This will save 214,560 kWh annually which is an energy savings of 32 percent. The energy expected to be saved would offset electrical consumption of more than 20 households.
OH	Sherrrod Brown, Rob Portman	Bob Latta (05)	Houts Partnership		\$20,000	This Rural Development investment will be used by Houts Partnership, a corn, soybean, hay and wheat ag producer, for the replacement of an inefficient grain dryer. This will save 108,654 kWh annually which is an energy savings of 57 percent. The energy expected to be saved would offset electrical consumption of more than 10 households.
OH	Sherrrod Brown, Rob Portman	Steve Stivers (15)	Honeyrun Farm Williamsport OH LLC		\$14,095	This Rural Development investment will be used to help this honey producer of varietal and herbal infused honey, bee pollen, soap and candles, install a 25.2 kW roof mounted solar array. The solar array will produce an expected 30,631kWhs of renewable electricity and will offset 87 percent of the business's historical electrical consumption or the equivalent of four households.
OH	Sherrrod Brown, Rob Portman	Warren Davidson (08)	Nieport Farms LLC		\$14,263	This Rural Development investment will be used to assist Nieport Farms LLC, a corn and soybean ag producer, for the installation of a 47 kW roof-mounted solar PV system that will generate 60,437 kWh annually, replacing 100 percent of the electricity purchased from the grid.
OH	Sherrrod Brown, Rob Portman	Troy Balderson (12)	Ohio Rental of Johnstown Incorporated		\$9,312	This Rural Development investment will be used to help Ohio Rental of Johnstown Incorporated, an equipment rental facility, for the installation of a 15.75 kW roof-mounted solar PV system that will generate 18,705 kWh annually, replacing 92 percent of the electricity purchased from the grid.
OH	Sherrrod Brown, Rob Portman	Bob Latta (05)	JB Machining Concepts LLC		\$16,687	This Rural Development investment will be used for JB Machining Concepts LLC, a metal working and machining facility that also produces light fixtures, install a 25kW solar PV array that will generate 31,872kWh annually replacing 84 percent of the electricity purchased from the grid. The energy expected to be generated would offset electrical consumption of three households.
OH	Sherrrod Brown, Rob Portman	Bob Latta (05)	William Tong		\$11,098	This Rural Development investment will help William Tong, a corn and soybean ag producer, with the installation of a 28 kW ground mounted solar PV system that will generate 37,142 kWh annually, replacing 100 percent of the electricity purchased from the grid.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
OH	Sherrrod Brown, Rob Portman	Bill Johnson (06)	Amish Toy Box LLC		\$8,007	This Rural Development investment will be used to help Amish Toy Box LLC, a toy box manufacturer, for the installation of a 13.6 kW roof-mounted solar PV system that will generate 13,487 kWh annually, replacing 84 percent of the electricity purchased from the grid.
OH	Sherrrod Brown, Rob Portman	Bob Latta (05)	J. Schmidt Farms LLC		\$15,934	This Rural Development investment will be used to purchase and installation of a grain dryer to replace the existing grain drying unit. The J. Schmidt Farms LLC is a family farming operation that grows grains at its facility near Payne, OH. This project will realize \$2,715 per year in savings and provide an overall reduction in energy consumed by over 50 percent. The energy saved will be equivalent to the usage of five households.
OH	Sherrrod Brown, Rob Portman	Bob Latta (05)	Downey Plumbing Heating & Cooling LLC		\$9,640	This Rural Development investment will be used to install a 20 kW solar PV array that will generate 26,490 kWh annually replacing 80 percent of the electricity purchased from the grid for the headquarters of this plumbing and HVAC contracting company in Bowling Green, OH. The energy expected to be generated would offset electrical consumption of two households.
OH	Sherrrod Brown, Rob Portman	Bill Johnson (06)	Rogers Mill Incorporated		\$20,000	This Rural Development investment will be used to install a 32 kW solar PV array that will generate 43,839 kWh annually replacing 76 percent of the electricity purchased from the grid for this family-owned feed mill with a retail/wholesale store in Rogers, OH. The energy expected to be generated would offset electrical consumption of four households.
OH	Sherrrod Brown, Rob Portman	Bob Gibbs (07)	M & K Investment Properties LLC		\$10,062	This Rural Development investment will be used to install a 56.4kW solar PV system that will generate 60,710 kWh annually replacing 89 percent of the electricity purchased from the grid for this real estate investment property in Millersburg, OH. The energy expected to be generated would offset electrical consumption of six households.
OK	James Inhofe, James Lankford	Marywayne Mullin (02)	Amelia LLC		\$17,914	This Rural Development investment will be used to assist with the installation of an energy efficient solar array. Amelia LLC is a family owned creamery. This investment will be used to purchase and install a 17.82-kWh solar array. This project will realize \$67,939 per year in savings and will replace 29,648 kWh (81.98 percent) per year, which is enough electricity to power two homes.
OK	James Inhofe, James Lankford	Markwayne Mullin (02)	Diamond Attachments LLC		\$6,057	This Rural Development investment will be used to help with energy efficiency improvements with the purchase and installation of LED lighting throughout its store. Diamond Attachments LLC is an existing business in Atoka, Okla. that manufactures high quality heavy equipment attachments. This project will realize \$6,323 per year in savings and will replace 68,727 kWh per year, which is enough electricity to power six homes.
OR	Jeff Merkley, Ron Wyden	Cliff Bentz (02)	Nella Mae's Farm LLC		\$6,590	This Rural Development investment will be used to help a small farm in the rural town of Cove in northeast Ore. develop a renewable energy system. Nella Mae's Farms will use this USDA grant to purchase and install a 5-kilowatt roof-mounted solar array on its barn. The system will generate 6,761 kilowatt hours of renewable electricity per year, which is enough to power one typical U.S. home.
OR	Jeff Merkley, Ron Wyden	Kurt Schrader (05)	Collins Agricultural Consultants Incorporated		\$15,882	This Rural Development investment will be used to help an agricultural research company in the rural town of Oregon City in northwest Ore. develop a renewable energy system. Collins Agriculture Consultants will use this USDA grant to purchase and install a 30-kilowatt roof-mounted solar array on its business office. The system will generate 32,943 kilowatt hours of renewable electricity per year, which is enough to power three typical U.S. homes. The solar array will replace 47 percent of the business's energy use with renewable electricity, reducing its utility bill by \$3,195 per year.
OR	Jeff Merkley, Ron Wyden	Cliff Bentz (02)	Barking Moon Farm LLC		\$8,278	This Rural Development investment will be used to help a farm in the rural town of Applegate in southwest Ore. develop a renewable energy system. Barking Moon Farm, a small, family-owned organic vegetable farm, will use this USDA grant to purchase and install a 13-kilowatt solar array. This system will generate 15,500 kilowatt-hours of renewable electricity per year, which is enough to power three typical U.S. homes. The solar array will replace 100 percent of the farm's energy use with renewable electricity, reducing its utility bill by \$1,786 per year.
OR	Jeff Merkley, Ron Wyden	Peter DeFazio (04)	Oakview Farm Enterprises Incorporated		\$8,750	This Rural Development investment will be used to help an agricultural producer in the rural town of Harrisburg in southwest Ore. develop a renewable energy system. Oakview Farm Enterprises will use this USDA grant to purchase and install a 25-kilowatt ground-mounted solar electric system. This system will generate 31,157 kilowatt-hours of renewable electricity per year, which is enough to power three typical U.S. homes. The solar array will replace 100 percent of the farm's energy use, reducing its utility bill by \$2,975 per year.

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OR	Jeff Merkley, Ron Wyden	Kurt Schrader (05)	CF Jensen Farms LLC		\$20,000	This Rural Development investment will be used to help a farm in the rural town of Silverton in northwest Ore. develop a renewable energy system. Jensen Farms, a family-owned grass seed farm, will use this USDA grant to purchase and install a 94-kilowatt solar electric system. This system will generate 53,621 kilowatt-hours of renewable electricity per year, which is enough to power eight typical U.S. homes. This solar array will replace 100 percent of the farm's energy use, reducing its utility bill by \$6,434 per year.
OR	Jeff Merkley, Ron Wyden	Cliff Bentz (02)	Marvin Gardens and Cattle Company LLC		\$20,000	This Rural Development investment will be used to help a cattle ranch in the rural town of Rogue River in southwest Ore. develop a renewable energy system. Marvin Gardens and Cattle Company will use this USDA grant to purchase and install a 36-kilowatt ground-mounted solar array. This project will generate 54,730 kilowatt-hours of renewable electricity per year, which is enough to power five typical U.S. homes. The solar array will replace about 100 percent of the farm's energy use with renewable electricity, reducing its utility bill by \$5,584 per year.
OR	Jeff Merkley, Ron Wyden	Suzanne Bonamici (01), Cliff Bentz (02), Earl Blumenauer (03), Peter DeFazio (04), Kurt Schrader (05)	Oregon Department of Energy		\$100,000	This Rural Development investment will be used to facilitate energy audits for rural small businesses and agricultural producers. The department will provide technical expertise and serve as a central point of contact for this energy audit program while working closely with strategic partners to conduct outreach, provide technical assistance to participants, and implement energy audits. Overall, this project will help at least 26 farmers, ranchers, and small business owners in rural Oregon reduce their environmental impact and improve their bottom line through the adoption of renewable energy and the implementation of energy efficiency improvements.
OR	Jeff Merkley, Ron Wyden	Suzanne Bonamici (01), Cliff Bentz (02), Earl Blumenauer (03), Peter DeFazio (04), Kurt Schrader (05)	University of Oregon		\$100,000	This Rural Development investment will be used to help small businesses, farms, and ranches throughout rural Oregon adopt renewable energy. The University of Oregon will provide technical assistance and training on the use of solar, wind, hydropower, and biofuel systems to businesses and ag operations in Clackamas, Clatsop, Douglas, Jackson, Josephine, Klamath, Lake, Lane, Marion, Umatilla, Union, Wallowa, and Wasco counties. The university's Resource Assistance for Rural Environments AmeriCorps Program will pair participants with its partners Lake County Resources Initiative and Energy Trust of Oregon. RARE AC will also leverage the experience and networks of its secondary partners WyEast Resource Conservation and Development Council, Sustainable Northwest, Wallowa Resources, and the Oregon Department of Energy to incorporate renewable energy development in rural areas across Oregon. This project will teach 150 farmers, ranchers, and small business owners about renewable energy; provide project-specific consultations for 40 participants; and shepherd 25 projects through development, enabling these rural businesses and ag operations to reduce their environmental impact while improving their finances with lower utility costs.
PA	Robert Casey, Patrick Toomey	Fred Keller (12)	Whiskey Hollow LLC		\$20,000	This Rural Development investment will be used to help Whiskey Hollow LLC make energy efficiency improvements to the reverse osmosis and evaporator equipment utilized for maple syrup production. This project is expected to lower the company's energy use by 88 percent per year.
PA	Robert Casey, Patrick Toomey	John Joyce (13)	Linford Sensenig		\$11,750	This Rural Development investment will be used to purchase and install a 27.2 kilowatt roof-mounted solar photovoltaic system. The solar panels will be installed on the roof of a storage building at the facility which offers variable sizes of storage units that are climate controlled, have security lighting for surveillance, and ground level access. This project will save an energy savings of \$3,468 per year and will replace 30,858 kilowatt hours of electricity per year, which is enough electricity to power two homes annually.
PA	Robert Casey, Patrick Toomey	John Joyce (13)	Zody's Moving & Storage Incorporated		\$20,000	This Rural Development investment will be used to purchase and install a 55.2 kilowatt roof-mounted solar photovoltaic system. The solar panels will be installed on the roofs of two buildings located on the moving and storage company's property. This project will save an energy savings of \$6,503 per year and will replace 60,569 kilowatt hours of electricity per year, which is enough electricity to power five homes annually.
PA	Robert Casey, Patrick Toomey	Glenn Thompson (15)	North Gilpin Street, LLC		\$4,468	This Rural Development investment will be used to purchase and install a 12 kilowatt roof-mounted solar photovoltaic system. The solar panels will be installed on the roof of a building at the commercial rental business site. This project will save an energy savings of \$1,737 per year and will replace 14,367 kilowatt hours per year, which is enough electricity to power one home annually.
PA	Robert Casey, Patrick Toomey	Susan Wild (07)	Holy Cow Farm		\$6,750	This Rural Development investment will be used to purchase and install a 14.96-kilowatt solar photovoltaic system. The solar panels will be installed on the roof of an equipment shed building on the farm, which specializes in sustainably-grown specialty cut flowers and hops. This project will realize an energy savings of \$1,089 per year and will replace 9,233 kilowatt hours of electricity per year or 56 percent of the farm's energy needs.

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PA	Robert Casey, Patrick Toomey	Fred Keller (12)	Sechrist Farms		\$18,000	This Rural Development investment will be used to purchase and install a 24-kilowatt solar photovoltaic system. The solar panels will be installed on the roof of an agriculture building on the farm. This project will realize an energy savings of \$4,498 per year and will replace 28,655 kilowatt hours of electricity per year or 100 percent of the farm's energy needs, which is enough electricity to power two homes annually.
PA	Robert Casey, Patrick Toomey	Lloyd Smucker (11)	John Kreider		\$10,000	This Rural Development investment will be used to help John Kreider dba Kreider Property Improvement purchase and install a 36-kilowatt solar photovoltaic system that will be placed on the roof of the rental property business. This project will save \$4,165 per year and replace 38,311 kilowatt hours of electricity per year or 103 percent of the business needs, which is enough electricity to power three homes annually.
PA	Robert Casey, Patrick Toomey	Fred Keller (12)	Greenleaf Nibert		\$5,454	This Rural Development investment will be used to assist with the purchase and installation of a 28.22-kilowatt ground-mount solar photovoltaic system. This project will save the family-owned cabinet manufacturing business \$4,409 per year and will replace 33,870 kilowatt hours of electricity (92 percent of the company's energy use) annually, which is enough energy to power 3 homes.
PA	Robert Casey, Patrick Toomey	Lloyd Smucker (11)	Little Ridge Country Market		\$20,000	This Rural Development investment will be used to purchase and install a 69.6-kilowatt solar photovoltaic system. The solar panels will be installed on the roof of the chicken house on the poultry farm, whose main operation is raising and selling broiler chickens. This project is expected to replace 72,902 kilowatt hours of electricity (83 percent of the company's energy use) per year, which is enough energy to power 13 homes.
PA	Robert Casey, Patrick Toomey	Lloyd Smucker (11)	Resource Rentals and Sales		\$15,000	This Rural Development investment will be used to purchase and install a 57.6-kilowatt ground-mount solar photovoltaic system. This project will save the equipment and rental sales business \$5,796 annually and is expected to replace 67,157 kilowatt hours of electricity (100 percent of the company's energy use) per year, which is enough energy to power six homes.
PA	Robert Casey, Patrick Toomey	Chrissy Houlahan (06)	Highspire Hills Farm		\$15,000	This Rural Development investment will be used to purchase and install a 30.35-kilowatt solar photovoltaic system on the roof of an agriculture building on the egg production farm. The funds will also be used to install a 21.4-kilowatt ground-mount solar array adjacent to the building. This project will realize an energy savings of \$3,224 per year and will replace 24,680 kilowatt hours of electricity, which is 117 percent of the farm's usage annually. This is enough electricity to offset the use of 22.5 tons of carbon dioxide, 522 trees and 47 barrels of oil.
PA	Robert Casey, Patrick Toomey	Matt Cartwright (08)	Preston Country Market		\$7,010	This Rural Development investment will be used to assist in making energy efficiency improvements to the walk-in freezer and cooler at its convenience store. Preston County Market is a small locally owned one-stop shop, selling gas to groceries. These upgrades are expected to save the business approximately \$900 (50 percent of its current energy costs) per year.
PA	Robert Casey, Patrick Toomey	Lloyd Smucker (11)	Historic Ashland LLC		\$20,000	This Rural Development investment will be used to purchase and install a 32-kilowatt ground mounted solar photovoltaic system. Historic Ashland LLC is located in the rural community of Wrightsville, York County, Pennsylvania A. This project will save an energy savings of \$7,728 per year and will replace 35,671 kilowatt hours of electricity per year, which is enough electricity to power three homes annually.
PR		Jennifer Gonzalez-Colon	Darok Steel Incorporated		\$19,887	This Rural Development investment will be used to help Darok Steel, Incorporated purchase and install a 35 kilowatt photovoltaic solar system. This project will save \$12,545.28 per year. and will generate 57,024 kilowatt hours of electricity per year (97.79 percent) which is enough electricity to power five homes.
PR		Jennifer Gonzalez-Colon	Jose Luis Perez Padin's Dairy LLC		\$20,000	This Rural Development investment will be used to help Jose Luis Perez Padin's Dairy, LLC purchase and install a 40.2 kilowatt photovoltaic solar system. This project will save \$12,498.64 per year. and will generate 56,812 kilowatt hours of electricity per year (99.67 percent) which is enough electricity to power five homes.
PR		Jennifer Gonzalez-Colon	Eusebio Velez Lorenzo		\$7,422	This Rural Development investment will be used to help Eusebio Velez Lorenzo purchase and install a 12.6 kilowatt photovoltaic solar system. This project will save \$7,946 per year. and will generate 19,519 kilowatt hours of electricity per year (106 percent).

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
PR		Jennifer Gonzalez-Colon	La Funadora Incorporated		\$20,000	This Rural Development investment will be used to help La Funadora, Incorporated purchase and install a 17.3 kilowatt photovoltaic solar system. This project will save \$7,700 per year., and will replace 24,282 kilowatt hours of electricity per year (100 percent) which is enough electricity to power two homes.
PR		Jennifer Gonzalez-Colon	Hacienda Buenos Aires Ranch Resort LLC		\$12,047	This Rural Development investment will be used to help Hacienda Buenos Aires Ranch Resort, LLC purchase and install lighting and refrigeration units (freezers). These improvements will benefit a small restaurant, called: "Cowboys Cantina & Outside Grill", which is located at Rincon, PR. This project will save \$3,955 per year and will replace 32,193 kilowatt hours of electricity per year.
PR		Jennifer Gonzalez-Colon	Liselie Reyes Martinez		\$17,462	This Rural Development investment will be used to help Liselie Reyes Martinez purchase and installation of a 14.40 kilowatt photovoltaic solar system. This project will save \$4,044 per year and replace 21,286 kilowatt hours of electricity per year (92 percent) which is enough electricity to power two homes.
PR		Jennifer Gonzalez-Colon	Agropek LLC		\$7,181	This Rural Development investment will be used to help Agropek purchase and install a 6.8 kilowatt photovoltaic solar system. This project will save \$1,928 per year., and will replace 9,641 kilowatt hours of electricity per year (28 percent).
PR		Jennifer Gonzalez-Colon	Fusion Properties Management Group Incorporated	\$396,828		This Rural Development investment will be used to help Fusion Properties Management Group Incorporated purchase a 378 kilowatt photovoltaic solar system with a 277.5 kilowatt battery backup. This project will save \$151,226 per year and will replace 604,906 kilowatt hours of electricity per year (75 percent). Fusion Farms is a specialized Hydroponic Farm with a sustainable ecosystem, dedicated to the production of basil, mint, lettuce, cilantro, and microgreens.
PR		Jennifer Gonzalez-Colon	SW Tourism LLC		\$8,818	This Rural Development investment will be used to help SW Tourism purchase and install a 16.32 kilowatt photovoltaic solar system. This project will save \$2,010 per year, and will replace 26,806 kilowatt hours of electricity per year (179 percent) which is enough electricity to power two homes.
PR		Jennifer Gonzalez-Colon	Angel R. Otero-Nazario		\$12,375	This Rural Development investment will be used to help Angel Otero own "Apiario Victor Grabiell" purchase and install a hybrid system of 9.38 kilowatt photovoltaic solar system and 34 kilowatt wind turbine. This project will save \$2,912.70 per year. and will generate 13,870 kilowatt hours of electricity per year (95 percent).
PR		Gonzalez-Colon, Jennifer	TOA Baja Hardware LLC		\$15,343	This Rural Development investment will be used to help TOA Baja Hardware LLC purchase and install a 26 kilowatts photovoltaic solar system. This project will save \$7,911 per year. and will generate 39,400 kilowatt hours of electricity per year (90 percent) which is enough electricity to power three homes.
RI	Jack Reed, Sheldon Whitehouse	Jim Langevin (02)	Skydog Farm and Kitchen		\$9,405	This Rural Development investment will be used to purchase and install an 8.6 kilowatt solar array on the home structure on Sky Dog Farm property. This project will replace 10,026 kilowatt hours (95 percent) per year and realize \$2,105 of saving per year.
RI	Jack Reed, Sheldon Whitehouse	Jim Langevin (02)	Wild Harmony Farm, LLC		\$14,475	This Rural Development investment will be used for the purchase and installation of a 31.96 kilowatt solar array on three separate roof structures at Wild Harmony Farm. This project will replace 35,874 kilowatt hours (69 percent) per year and realize \$6,098 of saving per year.
RI	Jack Reed, Sheldon Whitehouse	David Cicilline (01)	Barrington Farm School		\$3,828	This Rural Development investment will be used for the purchase and installation of a 2.48 kilowatt solar array on the three-acre organic farm, Barrington Farm School. This project will replace 3,085 kilowatt hours per year.
RI	Jack Reed, Sheldon Whitehouse	David Cicilline (01)	Joel Bishop		\$6,787	This Rural Development investment will be used to make energy-efficiency improvements to their operations. Joel Bishop is the sole proprietor for Gnarly Vines Farm. Project funds will be used for the purchase and installation of a 10.24-kilowatt solar array. This project will realize \$2,746 per year in savings and will replace 16,003 kilowatt hours (100 percent) per year.
RI	Jack Reed, Sheldon Whitehouse	Jim Langevin (02)	Ninigret Pond Oyster Holdings Incorporated		\$19,166	This Rural Development investment will be used for the purchase and installation of a 37 kilowatt solar array at the Ninigret Pond Oyster Holdings location in Charlestown, Rhode Island. This project will replace 41,247 kilowatt hours (119 percent) per year and realize \$6,577 of saving per year.

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RI	Jack Reed, Sheldon Whitehouse	Jim Langevin (02)	Nicholas Papa		\$2,979	This Rural Development investment will be used to purchase and install a 13.6 kilowatt roof-mounted solar array on the oyster farm of Nicholas Papa. This project will replace 13,333 kilowatt hours (103 percent) per year and realize \$3,312 of saving per year.
SC	Lindsey Graham, Tim Scott	Nancy Mace (01)	Lowland Farms Incorporated		\$12,605	This Rural Development investment will be used to help Lowland Farms Incorporated purchase and install a 21.6 kilowatt roof mounted solar array. This investment will replace 33,477 kilowatt hours per year and help save \$4,218 per year.
SC	Lindsey Graham, Tim Scott	Tom Rice (07)	Helms Farms LLC		\$20,000	This Rural Development investment will be used to help Helms Farms, LLC purchase and install a 115.5 kilowatt solar array. This investment will save \$17,822 per year and replace 185,360 kilowatt hours (100 percent) per year. This project will save enough electricity to power 17 homes.
SC	Lindsey Graham, Tim Scott	William Timmons (04)	Resurgence LLC		\$8,836	This Rural Development investment will be used to help purchase and install a 13 kilowatt solar array. This project will generate 19,240 kilowatt hours of electricity per year.
SC	Lindsey Graham, Tim Scott	Tom Rice (07)	235 Holdings LLC		\$20,000	This Rural Development investment will be used to help purchase and install HVAC units at the medical building. The project will replace 6,506 kilowatt hours per year.
SC	Lindsey Graham, Tim Scott	James Clyburn (06)	Best Gift Idea Ever LLC		\$49,914	This Rural Development investment will be used to help purchase and install a 95.6 kilowatt roof mounted solar array. Best Gift Idea Ever LLC a wooden artwork manufacturer, will replace 130,160 kilowatt hours (49 percent) per year and save \$13,458 per year.
SC	Lindsey Graham, Tim Scott	James Clyburn (06)	US Mechanical Contractors LLC		\$90,284	This Rural Development investment will be used to help purchase and install a 105.48 kilowatt solar array. This project will save \$18,466 per year and replace 149,388 kilowatt hours per year, which is enough electricity to power 13 homes.
SC	Lindsey Graham, Tim Scott	Joe Wilson (02)	Gunsight Solar, LLC	\$25,000,000		This Rural Development investment will be used to help purchase and install a 105.739 MWdc solar array. The system is estimated to produce 187,596,501 kilowatt hours per year, which is enough electricity to power 17,310 homes.
SC	Lindsey Graham, Tim Scott	James Clyburn (06)	Dantzler Farms		\$19,770	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save \$9,346 per year and replace 204,892 kilowatt hours per year, which is enough electricity to power 18 homes.
SC	Lindsey Graham, Tim Scott	James Clyburn (06)	City Roots, LLC		\$20,000	This Rural Development investment will be used to help purchase and install a 31.2 kilowatt roof mounted solar array. This investment will replace 44,858 kilowatt hours (82 percent) per year and save \$5,382 per year.
SC	Lindsey Graham, Tim Scott	William Timmons (04)	Hill Properties & Development LLC		\$44,413	This Rural Development investment will be used to help purchase and install a 90.64 kilowatt solar array. This project will save \$12,454 per year and replace 121,893 kilowatt hours per year, which is enough electricity to power 12 homes.
SC	Lindsey Graham, Tim Scott	James E. Clyburn (06)	Driftwood Farms LLC		\$15,719	This Rural Development investment will be used to help purchase and install a 10.8 kilowatt roof mounted solar array. This project will generate 15,582 kilowatt hours of electricity per year.
SD	Mike Rounds, John Thune	Dusty Johnson (At-Large)	Jan Houghtaling		\$20,000	This Rural Development investment will be used to purchase and install a more efficient grain dryer, at a farm located near Doland, South Dakota. This project will save \$985 per year in energy costs and will save 15,721 kilowatt hours (kWh) of electricity per year (57.45 percent) which is enough electricity to power one home.
TN	Marsha Blackburn, Bill Hagerty	Diana Harshbarger (01)	Ashland Holdings LLC		\$11,250	This Rural Development investment will be used to help purchase and install a 12 kilowatt roof-mounted solar array. This investment will save \$1,529.06 per year in energy savings and replace 14,925 kilowatt hours per year.
TN	Marsha Blackburn, Bill Hagerty	Mark Green (07)	Wildlight Farms LLC		\$4,197	This Rural Development investment will be used to help purchase and install a 10.5 kilowatt solar array. This project will replace 12,940 kilowatt hours (100 percent) per year and realize \$1,229 of savings per year.

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TN	Marsha Blackburn, Bill Hagerty	Tim Burchett (02)	George Alex Miller		\$6,975	This Rural Development investment will be used to help George A. Miller dba Lick Skillet LLC purchase and install a 5.5 kilowatt solar array. This investment will save \$803.57 per year and replace 31,679 kilowatt hours (24.16 percent) per year. This project will save enough electricity to power one home.
TN	Marsha Blackburn, Bill Hagerty	Mark Green (07)	Arthur Souza dba Souza Farms		\$11,013	This Rural Development investment will be used to purchase and install a 7.6 kW roof mounted solar array at Souza Farms. Mr. Souza has a small family farm with goats, chickens, and pigs. This project will generate 10,089 kilowatt hours per year which is enough to power one home and produce \$1,211 of savings per year.
TN	Marsha Blackburn, Bill Hagerty	Mark Green (07)	Russell W. Counce		\$20,000	This Rural Development investment will be used to help purchase and install a grain dryer. This project will save \$6,132 per year., and will replace 130,994 kilowatt hours (59 percent) per year, which is enough energy to power seven homes.
TN	Marsha Blackburn, Bill Hagerty	Mark Green (07)	Daryl Sheperd		\$10,500	This Rural Development investment will be used to help purchase and install a 17.05 kilowatt solar photovoltaic system. The project will replace 23,806 kilowatt hours (97 percent) per year and save \$2,857 per year; enough electricity to power two homes.
TX	Ted Cruz, John Cornyn	Chip Roy (21)	Exotic Resort		\$20,000	This Rural Development investment will be used to help install a 50.358 kilowatt solar array. It will produce 72,356 kilowatt hours annually, enough to power six homes, worth approximately \$4,500. The applicant will contribute \$142,927 to the project.
TX	Ted Cruz, John Cornyn	August Pfluger (11)	Law Offices of Jason M. Johnson PLLC		\$3,210	This Rural Development investment will be used to install HVAC upgrades at the law office. It will save 1837 kilowatt hours annually, worth approximately \$326. The applicant will contribute \$9,630 to the project.
TX	Ted Cruz, John Cornyn	Pat Fallon (04)	Debra Lynn		\$7,818	This Rural Development investment will be used to install energy efficient poultry house retrofits. It will save 53,964 kilowatt hours annually, enough to power four homes, worth \$3,207. The applicant will contribute \$23,457 to the project.
TX	Ted Cruz, John Cornyn	Pat Fallon (04)	Ronald Hatten Sole Proprietor		\$17,118	This Rural Development investment will be used to install poultry house retrofits at the Ronald Hatten poultry farm. It will save 138,245 kilowatt hours annually, enough to power 12 homes, worth approximately \$10,575. The applicant will contribute \$51,357 to the project.
TX	Ted Cruz, John Cornyn	Van Taylor (03)	Vivaswan TR		\$19,875	The Rural Development investment will be used to install a 20 kilowatt solar array. It will produce 35,332 kilowatt hours annually, enough to power three homes, worth approximately \$3,500. The applicant will contribute \$59,625 to the project.
TX	Ted Cruz, John Cornyn	Pat Fallon (04)	Zankhana Shukla dba JSK Investments		\$19,875	This Rural Development investment will be used to install a 20 kilowatt solar array. It will produce 35,207 kilowatt hours annually, enough to power three homes, worth approximately \$3,500. The applicant will contribute \$59,625 to the project.
TX	Ted Cruz, John Cornyn	Chip Roy (21)	Startz Veterinary PLLC		\$20,000	This Rural Development investment will be used to install a 44.9 kilowatt solar array. It will produce 60,583 kilowatt hours annually, enough to power 5 homes, worth approximately \$4,845. The applicant will contribute \$72,348 to the project.
TX	Ted Cruz, John Cornyn	Ronny Jackson (13)	Lone Star Solar Pentec LLC	\$1,085,000		This Rural Development investment will be used to provide financing for the development of a 1.37 MW DC ground mount, tracking utility scale solar photovoltaic electricity production facility, located in Gainesville, Texas. The development of the solar photovoltaic electricity production facility, will create three jobs with an average wage of \$30 per hour. The facility is projected to produce an estimated 2,690,000 kilowatt-hours in electricity per year and could supply power to an estimated 252 households with an average residential utility customer use of 10,649 kilowatt-hours per year. Total project cost is \$2,362,527, with \$1,277,527 in owner contributions.
TX	Ted Cruz, John Cornyn	Ronny Jackson (13)	OM Pramukh LLC dba Days Inn		\$19,875	The Rural Development investment will be used to install a 20 kilowatt solar array. It will produce 35,878 kilowatt hours annually, enough to power 3 homes, worth approximately \$2,500. The applicant will contribute \$19,875 to the project.

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TX	Ted Cruz, John Cornyn	Jake Elizey (06)	MMP Ennis Lodging LLC		\$20,000	This Rural Development investment will be used to install a 75 kilowatt solar array. It will produce 127,597 kilowatt hours annually, enough to power 11 homes, worth approximately \$7,650. The applicant will contribute \$178,500 to the project.
TX	Ted Cruz, John Cornyn	August Pfluger (11)	Stephenville Type B Economic Development		\$100,000	This Rural Development investment will be used to conduct approximately 81 bioenergy and energy efficiency site assessments for rural agricultural producers. These site assessments will provide analysis to make energy-efficiency improvements to these operations and/or install renewable energy systems.
TX	Ted Cruz, John Cornyn	Roger Williams (25)	Shivu Lodging LLC		\$20,000	This Rural Development investment will be used to install a 75 kilowatt solar array. It will produce 133,431 kilowatt hours annually, enough to power 12 homes, worth approximately \$12,010. The applicant will contribute \$178,500 to the project.
TX	Ted Cruz, John Cornyn	Roger Williams (25)	Shivam Hillsboro, LLC		\$20,000	This Rural Development investment will be used to install a 75 kilowatt solar array. It will produce 133,431 kilowatt hours annually, enough to power 12 homes, worth approximately \$9,340. The applicant will contribute \$178,500 to the project.
TX	Ted Cruz, John Cornyn	Roger Williams (25)	KJDM Hospitality LLC dba Super 8 Motel		\$20,000	This Rural Development investment will be used to install a 75 kilowatt solar array. It will produce 134,971 kilowatt hours annually, enough to power 12 homes, worth approximately \$9,450. The applicant will contribute \$178,500 to the project.
TX	Ted Cruz, John Cornyn	Roger Williams (25)	Jai Oham LLC		\$20,000	This Rural Development investment will be used to install a 75 kilowatt solar array. It will produce 134,296 kilowatt hours annually, enough to power 12 homes, worth approximately \$13,400. The borrower will contribute \$178,500 to the project.
TX	Ted Cruz, John Cornyn	Lance Gooden (05)	Gautej Enterprise Incorporated		\$19,875	This Rural Development investment will be used to install a 20 kilowatt solar array. It will produce 35,019 kilowatt hours annually, enough to power three homes, worth approximately \$3,500. The applicant will contribute \$59,625 to the project.
TX	Ted Cruz, John Cornyn	Ronny Jackson (13)	Crownover Farms		\$20,000	The Rural Development investment will be used to install grain dryer upgrades. It will save 146,061 kilowatt hours annually, enough to power 13 homes, worth approximately \$12,900. The borrower will contribute \$83,077 to the project.
TX	Ted Cruz, John Cornyn	Ronny Jackson (13)	Southwest AG Farms LLC dba Southwest AG		\$20,000	The Rural Development investment will be used to install irrigation upgrades. It will save 578,681 kilowatt hours annually, enough to power 53 homes, worth approximately \$5,838. The borrower will contribute \$101,466 to the project.
UT	Mike Lee, Mitt Romney	Blake Moore (01)	Cars for Less dba Express Auto		\$28,059	This Rural Development investment will be used to help Cars for Less dba Express Auto purchase and install a 29.9 kilowatt solar array. This investment will save \$4,241 per year and replace 47,127 kilowatt hours (99 percent) per year.
UT	Mike Lee, Mitt Romney	Chris Stewart (02)	Escalante Outfitters Incorporated		\$15,953	This Rural Development investment will be used to help purchase and install a 20.5 kilowatt solar array. This investment will save \$2,242 per year. and will replace 37,379 kilowatt hours (38 percent) per year.
UT	Mike Lee, Mitt Romney	Chris Stewart (02)	Dalton Hay Company LLC		\$47,135	This Rural Development investment will be used to help replace eight pumps with new VFD's. This project will save \$14,251 per year. and will replace 151,291 kilowatt hours per year, which is enough electricity to power 13 homes per year.
VA	Tim Kaine, Mark Warner	Bob Good (05)	T. Greer and Associates		\$13,422	This Rural Development investment will be used to purchase and install a 19.175 kilowatt roof photovoltaic system consisting of (59) 325 watt solar panels in Charlottesville City, Virginia. It is estimated to generate 22,023 kilowatt hours annually which is approximately 113 percent of its electric usage. The grantee is a general contractor who builds single family homes in and around Charlottesville.
VA	Tim Kaine, Mark Warner	Morgan Griffith (09)	Quercus Rubra Incorporated		\$5,500	This Rural Development investment will be used to purchase and install a 6.4 kilowatt photovoltaic ground mounted system consisting of 16,400 watt solar panels in Floyd County. Parcel is 14.95 acre lot with a 432 square foot building. This business sells wood pulp to companies to make paper products and will offset its electric usage by approximately 108 percent by generating about 8,492 kilowatt hours annually. Its simple payback is about 28 years. The solar replaces fossil fuels, improves air quality, eliminates greenhouse emissions, and relieves power companies at peak demand.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
VA	Tim Kaine, Warner	Mark Ben Cline (06)	Philip C. Martin dba Sunnyside Up Farm		\$20,000	This Rural Development investment will be used to install a 52 kilowatt roof mounted photovoltaic system, which consists of one hundred thirty 400 watt solar modules, in order to reduce carbon dioxide emissions, demand on power plants, and energy production costs. The solar modules will be installed on a 13,272 square foot poultry house and will offset about 98 percent of its energy usage; this is almost equivalent to powering 1.7 single family homes annually. The property consists of 44 agricultural acres and 1 acre residential use. This family owned farm is doing business as Sunnyside Up Farm.
VA	Tim Kaine, Warner	Mark Bob Good (05)	Golden Horseshoe Health Services Incorporated		\$20,000	This Rural Development investment will be used to purchase and install a 47.125 kilowatt roof mounted photovoltaic system consisting of (145) 325 watt solar panels. The solar is estimated to generate 48,000 kilowatt hours of electricity for the 1.4 acre property with a drug store/pharmacy in Greene County. This will offset its electric usage by approximately 82 percent, which will replace fossil fuels, improve air quality, eliminate greenhouse emissions, and relieve power companies at peak demand.
VA	Tim Kaine, Warner	Mark Morgan Griffith (09)	David Wheeler, DDS PC		\$20,000	This Rural Development investment will be used to purchase and install a 17.6 kilowatt roof mounted photovoltaic system consisting of forty-four, 400 watt solar panels in Covington City. Electric usage will be offset by approximately 77 percent from an estimate solar generation of 19,928 kilowatt hours per year; which could power about 2.5 single family homes annually. The solar replaces fossil fuels, improves air quality, eliminates greenhouse emissions, and relieves power companies at peak demand. Simple payback is about 18 years.
VT	Patrick Leahy, Bernie Sanders	Peter Welch (At Large)	Upper Pass Beer Company LLC		\$14,325	This Rural Development investment will be used to purchase and install a 20 kilowatt roof-mounted solar array at a microbrewery in Tunbridge, Vermont. Upper Pass Beer Co began brewing in 2015 in a small farm building, and their popular products can be found throughout the state. The array will produce 57 percent of their electrical needs, saving almost \$4,000 annually.
VT	Patrick Leahy, Bernie Sanders	Peter Welch (At Large)	Northeast Kingdom Homecare Incorporated		\$15,981	This Rural Development investment will be used to install a 22.3 kilowatt roof-mounted solar array at the Northeast Kingdom Homecare, Incorporated. (NEKHC). NEKHC has been providing non-medical personal care, homecare and respite services in Vermont's Northeast Kingdom Incorporated since 2004. The solar array will supply 110 percent of NEKHC's electricity needs while decreasing its carbon footprint, saving it about \$3,800 annually.
VT	Patrick Leahy, Bernie Sanders	Peter Welch (At Large)	Sheena Brown dba Skyline Holsteins		\$16,923	This Rural Development investment will be used to purchase and install a 21.7 kilowatt ground-mounted solar array at a dairy farm in Derby, Vermont. The array will produce 90 percent of the woman-owned farm's historical electrical needs, saving over \$4,500 annually.
VT	Patrick Leahy, Bernie Sanders	Peter Welch (At Large)	Murray Farm Solar LLC		\$20,000	This Rural Development investment will be used to purchase and install a 73.9 kilowatt ground-mounted solar array. Through net-metering, Murray Farm Solar, LLC will benefit from over \$15,000 in annual revenue which will help offset their electricity bills.
VT	Patrick Leahy, Bernie Sanders	Peter Welch (At Large)	Anderbell Acres LLC		\$2,771	This Rural Development investment will be used to install a 9.7 kilowatt solar array at a small farm in East Montpelier, Vermont. Anderbell Acres is a new operation that produces pumpkins, flowers berries and vegetables. The system will be mounted on a new lean-to style structure, and will provide 79 percent of the farm's historical energy needs.
WA	Maria Cantwell, Patty Murray	Jaime Herrera Beutler (03)	Dirt Hugger LLC		\$7,838	This Rural Development investment will be used to help purchase and install a 23 kilowatt solar array. This investment will save \$2,236 per year and replace 30,680 kilowatt hours (72 percent) per year. This project will save enough electricity to power two homes. replace 30,680 kilowatt hours (72 percent) per year. This project will save enough electricity to power two homes.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	D & S Baker Incorporated		\$10,652	This Rural Development investment will be used to help purchase and install a 16.8 kilowatt photovoltaic solar array. This investment will save an estimated 18,155 kilowatt hours in business energy offset and \$2,100 each year in savings, which is enough electricity to power two homes.
WA	Maria Cantwell, Patty Murray	Rick Larsen (WA 02)	LSX Properties LLC		\$9,267	This Rural Development investment will be used to help LLC purchase and install a 16.4 kilowatt photovoltaic solar array. This investment will save an estimated 15,419 kilowatt hours in energy offsets and \$1,696.09 each year in savings, which is enough electricity to power one home.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	Island Wheels LLC		\$6,179	This Rural Development investment will be used to help purchase and install a 11.7 kilowatt photovoltaic solar array. This investment will generate an estimated 10,602 kilowatt hours in energy offset and \$1,177 of revenue each year, which is enough electricity to power one home.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	F&H Island Holdings Incorporated		\$4,853	This Rural Development investment will be used to help purchase and install a 7.5 kilowatt photovoltaic solar array. The investment will save an estimated 9,988 kilowatt hours in business energy offset and \$999 each year in savings, which is enough electricity to power one home.
WA	Maria Cantwell, Patty Murray	Suzan DelBene (01)	Ivan Bacus		\$12,965	This Rural Development investment will be used to help Fossil Ridge Properties purchase and install a 20.8 kilowatt photovoltaic solar array. This investment will save an estimated 20,566 kilowatt hours in business energy offset and \$2,159 each year in savings, which is enough electricity to power two homes.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	Hima Nursery Incorporated		\$10,901	This Rural Development investment will be used to help purchase and install a 33 kilowatt photovoltaic solar array. This investment will save an estimated 35,275 kilowatt hours in business energy offset and \$3,175 each year in savings, which is enough electricity to power three homes.
WA	Maria Cantwell, Patty Murray	Suzan DelBene (01)	Nolan's Roofing Incorporated		\$5,278	This Rural Development investment will be used to help purchase and install a 20 kilowatt photovoltaic solar array. This investment will generate an estimated 20,598 kilowatt hours and \$2,060 of revenue each year, which is enough electricity to power one home.
WA	Maria Cantwell, Patty Murray	Suzan DelBene (01)	Monkey Puzzle Farm LLC		\$9,506	This Rural Development investment will be used to help purchase and install a 14.9 kilowatt photovoltaic solar array roof mount. This investment will save an estimated 15,563 kilowatt hours in energy offsets and \$1,400 each year in savings, which is enough electricity to power one and half home.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	Orcas Excavators Incorporated		\$5,708	This Rural Development investment will be used to help purchase and install a 9.48kilowatt solar array. Orcas Excavators Incorporated is an Excavation Company Serving SanJuan County, Washington. The grantee will realize an estimated 11,022 kilowatthours in business energy offset and \$1,201.40 each year in savings, which is enough electricity to power one home.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	Hayton Organics Incorporated		\$9,070	This Rural Development investment will be used to help purchase and install a 9.48kilowatt solar array. Orcas Excavators Incorporated is an Excavation Company Serving SanJuan County, Washington. The grantee will realize an estimated 11,022 kilowatthours in business energy offset and \$1,201.40 each year in savings, which is enough electricity to power one home.
WA	Maria Cantwell, Patty Murray	Derek Kilmer (06)	Alexander Dunsire		\$1,729	This Rural Development investment will be used to help purchase and install anLED lighting retrofit of a commercial building leased by Dominate Print LLC from Alexander Dunsire. The project is located in a high poverty census tract in downtown Aberdeen, Washington. This project will realize \$1,500 per year in savings, and will save 12,714 kilowatt hours per year, which is enough electricity to power one home.
WA	Maria Cantwell, Patty Murray	Kim Schrier (08)	Weidenbach Family LLC		\$17,450	Rural Development funds will be used to help fund the purchase and installation of a 26 kW PV solar array. Weidenbach Family LLC is an insurance broker in Ellensburg, WA. The grantee will realize an estimated 34,848 kWh in business energy offset which is 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.
WA	Maria Cantwell, Patty Murray	Suzan DelBene (01)	The Growing Garden LLC		\$5,635	This Rural Development investment will be used to help fund the purchase and installation of a 13.4 kilowatt Solar Array Roof Mount. Growing Garden, LLC is a small, organic herb and vegetable farm in Whatcom county. The grantee will realize an estimated 8,870 kilowatt hours in energy offsets and \$1037 each year in savings. 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.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	Orchards Gardens and Irrigation LLC		\$3,368	This Rural Development investment will be used to help purchase and install a 5.8 kilowatt solar array. Orchards Gardens and Irrigation LLC is a landscaping company in rural San Juan County, Washington. The grantee will realize an estimated 4,569 kilowatt hours in business energy offset and \$447.76 each year in savings, which is enough electricity to power one home.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	San Juan Oriental Medicine Clinic Incorporated		\$9,339	This Rural Development investment will be used to help San Juan Oriental Medicine Clinic Incorporated, an acupuncture practitioner in rural San Juan County, WA, purchase and install a 13.9 kilowatt solar array. The grantee will realize an estimated 11,236 kilowatt hours in business energy offset and \$1,224.72 each year in savings, which is enough electricity to power one home.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
WA	Maria Cantwell, Patty Murray	Kim Schrier (08)	Windmill Gardens LLC		\$19,750	This Rural Development investment will be used to purchase and install a 52kilowatt solar array. Windmill Gardens LLC is a large scale lettuce produce inPierce County utilizing greenhouse hydroponic technologies, will replace 33,319kilowatt hours per year and save this business \$3,400 per year in utility costs. Thisproject will save enough electricity to power three homes.
WA	Maria Cantwell, Patty Murray	Rick Larsen (02)	Timothy Judkins		\$6,708	This Rural Development investment will be used to help fund the purchase andinstallation of a 7.92 kilowatt solar array. Timothy Judkins is a hay farmer operatingon San Juan Island, WA. The grantee will generate an estimated 7,863 kilowatthours and \$909 of revenue each year, which is enough electricity to power onehome. The purpose of this funding program is to assist farmers, ranchers, and ruralsmall businesses in developing renewable energy systems and making energy-efficiency improvements to their operations.
WA	Maria Cantwell, Patty Murray	Derek Kilmer (06)	Freedom Acres Kennels LLC		\$7,387	This Rural Development investment will be used to purchase and install a 5.28kilowatt solar array Incorporated including battery storage to this off grid property. FreedomAcres Kennels LLC in Elma, Gray Harbor County, Washington is owned by a veteran. The system is estimated to produce 4,474 kilowatts per year reducing gasuse in generator.
WI	Tammy Baldwin, Ron Johnson	Tom Tiffany (07)	Jolma Electric LLC		\$6,311	This Rural Development investment will be used to Jolma Electric LLC purchase and install a 19.24 kilowatt solar array. This project will save \$2,644 per year and replace 24,032 kilowatt hours (99 percent) per year which is enough electricity to power two homes.
WI	Tammy Baldwin, Ron Johnson	Tom Tiffany (07)	Lost Creek Adventures LLC		\$5,087	This Rural Development investment will be used to help Lost Creek Adventures LLC install a 6.66 kilowatt solar electric system. This project will save \$1,025 per year and replace 8,720 kilowatt hours, 66 percent of the company's energy use per year.
WI	Tammy Baldwin, Ron Johnson	Ron Kind (03)	Heather Secrist		\$20,000	This Rural Development investment will be used to help Heather Secrist purchase and install a 36-kilowatt solar array. This project will save \$5,520 per year and replace 50,427 kilowatt hours, 95 percent of the farm's energy use per year, which is enough energy to power four homes.
WI	Tammy Baldwin, Ron Johnson	Mark Pocan (02)	Fitchburg Farms LLC		\$4,166	This Rural Development investment will be used to help Fitchburg Farms LLC purchase and install energy efficient greenhouse components. This project will save \$6,769 per year and replace 246,495 kilowatt hours, 37 percent of the business's energy use per year, which is enough energy to power 22 homes.
WI	Tammy Baldwin, Ron Johnson	Tom Tiffany (07)	Michael I. Mikrot		\$7,412	This Rural Development investment will be used to help Michael Mikrot install a 10.3 kilowatt solar array. This project will save \$2,111 per year and replace 14,793 kilowatt hours (106 percent of the farm's energy use) of electricity per year.
WI	Tammy Baldwin, Ron Johnson	Ron Kind (03)	Joseph L. Zenz		\$14,870	This Rural Development investment will be used to help Joseph Zenz install a energy efficient grain dryer. This project will save \$7,717 per year and save 22,985 kilowatt hours (14.5 percent of the farms energy use) of energy per year, which is enough to power two homes.
WI	Tammy Baldwin, Ron Johnson	Ron Kind (03)	RNR Farms LLC		\$19,082	This Rural Development investment will be used to help RNR Farms LLC purchase and install a grain dryer. This project will save the farm \$9,945 per year and replace 300,818 kilowatt hours (51percent) per year, which is enough electricity to power 27 homes.
WI	Tammy Baldwin, Ron Johnson	Mark Pocan (02)	Ronald Rundhaug		\$6,692	This Rural Development investment will be used to help Ronald Rundhaug install a 19.2 kilowatt solar electric system. This project will save \$1,930 per year and replace 25,904 kilowatt hours, 155 percent of the farm's energy use per year.
WI	Tammy Baldwin, Ron Johnson	Glenn Grothman (06)	Mechanical Research & Design Incorporated		\$10,247	This Rural Development investment will be used to help Mechanical Research & Design, Incorporated purchase and install LED lighting and sensors throughout the warehouse, storage areas and administrative area. This project will save \$5,125 per year and replace 48,355 kilowatt hours (65 percent) per year, which is enough electricity to power four homes.
WI	Tammy Baldwin, Ron Johnson	Mike Gallagher (08)	Thomas E. Kuchta		\$15,733	This Rural Development investment will be used to help Thomas Kuchta purchase and install a grain dryer. This project will save the farm \$8,767 per year and replace 163,058 kilowatt hours (89 percent) per year, which is enough electricity to power six homes.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
WI	Tammy Baldwin, Ron Johnson	Glenn Grothman (06)	BRC Equipment Sales & Leasing		\$18,273	This Rural Development investment will be used to help BRC Equipment Sales and Leasing purchase and install energy-efficient lighting systems. This project is expected to save \$17,327 per year and replace 157,519 kilowatt hours (55 percent of the company's energy use) per year, which is enough energy to power 14 homes.
WI	Tammy Baldwin, Ron Johnson	Tom Tiffany (07)	Friese Properties LLC		\$5,890	This Rural Development investment will be used to help Friese Properties LLC install a 6 kilowatt solar electric array. This project is expected to save \$519 per year and will replace 8,655 kilowatt hours of electricity per year.
WI	Tammy Baldwin, Ron Johnson	Ron Kind (03)	Nordik Meats Incorporated		\$20,000	This Rural Development investment will be used to help Nordik Meats Incorporated purchase and install a 120 kilowatt solar system. The system is estimated to generate 167,280 kilowatt hours per year, which is enough electricity to power 15 homes.
WI	Tammy Baldwin, Ron Johnson	Scott Fitzgerald (05)	J.W. Speaker Corporation		\$20,000	This Rural Development investment will be used to help J.W. Speaker Corporation purchase and install energy-efficient lighting systems. This project is expected to save \$12,471 per year and will replace 207,863 kilowatt hours (44 percent of the company's energy use) per year, which is enough energy to power 19 homes.
WI	Tammy Baldwin, Ron Johnson	Scott Fitzgerald (05)	Uptown Motorcars Incorporated		\$13,237	This Rural Development investment will be used to help Uptown Motors Incorporated purchase and install LED lighting throughout the parking lot. This project will save \$15,851 per year and replace 226,455 kilowatt hours (78 percent) per year, which is enough electricity to power 21 homes.
WV	Shelley Moore Capito, Joe Manchin	Alex Mooney (02)	Red House Farm LLC		\$10,633	This Rural Development investment will be used to help purchase and install a 20 kilowatt solar array. This investment will save \$2,296 per year and will replace 26,264 kilowatt hours (120 percent) per year, which is enough electricity to power two homes.
WV	Shelley Moore Capito, Joe Manchin	Carol Miller (03)	Opossum Creek Retreat LLC		\$19,041	This Rural Development investment will be used to help Opossum Creek Retreat purchase and replace nine hot tubs. This family-owned vacation facility will save \$819 per year and replace 888 kilowatt hours (six percent) per year.
WV	Shelley Moore Capito, Joe Manchin	David McKinley (01)	Rolling Thunder Vegetable Preserve		\$4,087	This Rural Development investment will be used to help purchase and install a 4.02 kilowatt solar array. This investment will save \$455 per year and replace 4,542 kilowatt hours (100 percent) per year, which is enough electricity to power a significant portion of one home.
WV	Shelley Moore Capito, Joe Manchin	David McKinley (01)	Kreinkik Manufacturing Co Incorporated		\$4,694	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of LED lighting. Kreinkik manufacturing is an existing business that owns and operates commercial office facilities in Parkersburg. This project will realize \$4,774 per year in savings and replace 19,999 kilowatt hours (59 percent) per year, which is enough electricity to power one home.
WV	Shelley Moore Capito, Joe Manchin	David McKinley (01)	Silver Mist Stables LLC		\$4,200	This Rural Development investment will be used to purchase and install a 7.15 kilowatt solar array. Silver Mist Stables is a family owned equine farm. This project will realize \$1,663 per year in savings and replace 8,165 kilowatt hours (100 percent) per year, which is enough electricity to power a significant portion of one home.
WV	Shelley Moore Capito, Joe Manchin	Carol Miller (03)	Sogefi, USA Incorporated		\$14,984	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of LED Lighting and upgrades to ordinary nozzels, air compression tools, and insulation. SOGEFI is an existing car filter manufacturer. This project will realize \$64,93 per year in savings and reduce 555,595 kilowatt hours (one percent) per year.
WV	Shelley Moore Capito, Joe Manchin	Alex Mooney (02)	Thinkstone Cellars Incorporated		\$6,125	This Rural Development investment will be used to purchase and install a 7.8 kilowatt solar array. Thinkstone Cellar is a family owned winery located in Wirt County. This project will realize \$1,214 per year in savings and will replace 13,000 kilowatt hours (40 percent) per year, which is enough electricity to power one home.
WV	Shelley Moore Capito, Joe Manchin	Carol Miller (03)	Pop's in Glenwood LLC		\$11,304	This Rural Development investment will be used for the purchase and installation of a 15 kilowatt solar array. Pop's in Glenwood is a family owned convenience store in Mason County. This project will realize \$2,127 per year in savings and replace 18,500 kilowatt hours (45 percent) per year, which is enough electricity to power a significant portion of one home.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
WV	Shelley Moore Capito, Joe Manchin	Carol Miller (03)	Mustain Farms Incorporated		\$9,500	This Rural Development investment will be used to make energy efficiency improvements with updating a water raceway on a historic grist mill and desilting the associated mill pond. Mustain Farm, LLC is an existing business that owns and operates Reed's Mill in Monroe County. This project will realize \$108 per year in savings and replace 1,018 kilowatt hours (20 percent) per year.
WV	Shelley Moore Capito, Joe Manchin	Alex Mooney (02)	Atlantic Wallace LLC		\$7,719	This Rural Development investment will be used to purchase and install a 12 kilowatt solar array. Appalachian Holiday Family Sales is a family owned plant and vegetable operation. This project will realize \$1,534 per year in savings and replace 16,500 kilowatt hours (100 percent) per year, which is enough electricity to power one home.
WV	Shelley Moore Capito, Joe Manchin	David McKinley (01)	3D Construction Properties LLC		\$18,225	This Rural Development investment will be used to purchase and install a 21 kilowatt solar array. 3D Construction Properties, LLC is a family owned construction company. This project will realize \$3,811 per year in savings and replace 35,377 kilowatt hours (68 percent) per year, which is enough electricity to power two homes.
WV	Shelley Moore Capito, Joe Manchin	David McKinley (01)	Pitsenbarger Farms		\$19,875	This Rural Development investment will be used to purchase and install a 50 kilowatt solar array for the family owned poultry farm, Pitsenbarger Farms. This project will realize \$7,592 per year in savings and replace 75,000 kilowatt hours (100 percent) per year, which is enough electricity to power seven homes.
WV	Shelley Moore Capito, Joe Manchin	Alex Mooney (02)	Swiftes LLC		\$7,864	This Rural Development investment will be used to purchase and install of LED Lighting for Swiftes, a t-shirt manufacturer. This project will realize \$1,216 per year in savings and reduce 16,447 kilowatt hours (70 percent) per year.
WV	Shelley Moore Capito, Joe Manchin	Alex Mooney (02)	121 West Washington LLC		\$19,934	This Rural Development investment will be used to purchase and install a 27 kilowatt solar array. 121 West Washington is a commercial real estate in Historic Charles Town. This project will realize \$2,781 per year in savings and replace 30,990 kilowatt hours (100 percent) per year, which is enough electricity to power two homes.
WV	Shelley Moore Capito, Joe Manchin	Carol Miller (03)	Appalachian Holiday Family Sales LLC		\$12,388	This Rural Development investment will be used to purchase and install a 18 kilowatt solar array for Appalachian Holiday Family Sales, a family owned plant and vegetable operation. This project will realize \$1,779 per year in savings and replace 17,786 kilowatt hours (100 percent) per year, which is enough electricity to power one home.
WV	Shelley Moore Capito, Joe Manchin	David McKinley (01)	Zazen LLC		\$7,244	This Rural Development investment will be used to purchase and install a 12.7 kilowatt solar array for Zazen LLC, a family owned commercial building located in Morgantown. This project will realize \$2,047 per year in savings and replace 12,699 kilowatt hours (36 percent) per year, which is enough electricity to power one home.
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	Avvid Corporation		\$7,631	This Rural Development investment will be used to help Avvid Corporation replace two inefficient air compressors with one efficient air compressor. This investment will save 50,960 kilowatt hours annually, enough energy to power four homes, saving approximately \$5,245 a year.
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	Guerin Enterprises Incorporated		\$18,552	This Rural Development investment will be used to install a 16.4 kilowatt photovoltaic solar system for Guerin Enterprises, Incorporated which operates Coal Creek Coffee Company, a local coffeehouse located in downtown Laramie, Wyo. The project is estimated to replace a total energy value of \$2,785.14 by generating 30,946 kilowatt hours per year. The power generated is enough to replace the equivalent of two homes.
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	L & M Restoration		\$19,136	This Rural Development investment will be used to purchase and install a 24.8kW solar array on the historic Mead Building in downtown Greybull, Wyo. The building is currently undergoing a restoration and will house a hotel and retail space for local businesses. This project will produce 37,977 kWh per year, a savings of \$2,946. This is enough electricity to power three homes.
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	Wildman Farm's Incorporated		\$5,885	This Rural Development investment will be used for the purchase and installation of a 7.82 kW grid-tied roof mount solar array for Wildman Farm's Inc in Manderson, Wyo. This family agricultural operation will offset 9,710 kWh of energy usage with solar powered energy per year and realize a savings of \$1,243 annually.
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	Ryan S. Lembke		\$18,827	This Rural Development investment will be used to purchase and install a 22.998 kW solar array on the Lembke Ranch in Lovell, Wyo. The renewable energy system will power ranch irrigation and operations, generating approximately 36,743 kWh annually and realize a savings of \$3,345.

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State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	Jay Richardson dba Jay's Detail		\$11,364	This Rural Development investment will be used to purchase and install a 16.8 kW grid-tied solar array. Jay's Detail, a small car detailing shop in Worland, will realize a savings of \$2,988.05 per year and generate approximately 25,983 kWh annually. This is equivalent to the energy needed to power two homes per year.
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	Guerin Enterprises Incorporated		\$8,941	This Rural Development investment will be used to help Guerin Enterprises Incorporated. offset the costs associated with upgrading its kitchen ventilation system. Guerin Enterprises Incorporated does business as Coal Creek Coffee Co., a local coffeehouse located in downtown Laramie, Wyo. The new energy efficient kitchen hood and make-up air system will help circulate and replenish air. The project is estimated to save the business \$485 annually and 29,238kWh.
WY	John Barrasso, Cynthia Lummis	Liz Cheney (At-Large)	Margos Pottery		\$2,975	This Rural Development investment will be used to purchase and install a 6 kilowatt solar array on the rooftop of Margo's Pottery in downtown Buffalo, Wyo. This project will replace 8,700 kilowatt hours (offsetting 103 percent of its power needs) and save \$678 annually. Margo's Pottery and Fine Crafts was established in 2001 and focuses on American-made functional and whimsical crafts such as ceramics, blown glass and jewelry.
			REAP TOTAL		\$121,211,828	\$7,446,002
Electric Loan Program						
AR	John Boozman, Tom Cotton	French Hill (02)	Petit John Electric Cooperative Corporation	\$39,627,000		This Rural Development investment will be used to connect 1,692 consumers, and build and improve 156 miles of line. The loan includes \$3.8 million in Smart Grid funding to install 122 miles of overhead fiber-optic communication lines and substation fiber-optic backbone. Petit Jean is headquartered in Clinton, Ark. It serves 20,200 customers over 3,500 miles of line in nine counties in Arkansas.
GA	Jon Ossoff, Raphael Warnock	Drew Ferguson (03)	Southern Rivers Energy	\$32,500,000		This Rural Development investment will be used to connect 2,298 consumers, and build and improve 706 miles of line. The loan includes \$9.7 million for Smart Grid investments, including the installation of 271 miles of fiber backbone. Southern Rivers is headquartered in Barnsville, Ga. It serves 19,957 members over 3,012 miles in nine counties in Georgia.
GA	Jon Ossoff, Raphael Warnock	Sanford Bishop, Jr. (02)	Middle Georgia EMC	\$10,000,000		This Rural Development investment will be used to connect 638 consumers, and build and improve 39 miles of line. The loan includes \$143,000 in Smart Grid technologies. Middle Georgia is headquartered in Vienna, Ga. It serves 8,179 consumers over 2,003 miles in Ben Hill, Dooly, Houston, Macon, Pulaski, Turner and Wilcox counties.
IL	Tammy Duckworth, Richard Durbin	Mike Bost (12)	Prairie State Solar, LLC	\$95,207,000		This Rural Development investment will be used to construct a 99 megawatt solar photovoltaic farm on 621 acres in Perry County, Ill., about 50 miles southeast of St. Louis. Prairie State has a 27-year power purchase agreement with the Wabash Valley Power Association Inc. to sell and deliver the electricity produced. Wabash is an electric generation and transmission cooperative headquartered in Indianapolis. It provides wholesale power to 23 distribution cooperatives in Illinois, Indiana and Missouri.
MO	Roy Blunt, Josh Hawley	Vicky Hartzler (04), Blaine Luetkemeyer (03), Jason Smith (08)	Gascosage Electric Cooperative	\$24,575,000		This Rural Development investment will be used to connect 768 consumers, and build and improve 61 miles of line. The loan includes \$1,411,974 in Smart Grid technologies. Gascosage Electric, headquartered in Dixon, Mo., serves 9,902 consumers over 1,578 miles in Camden, Maries, Miller, Phelps and Pulaski counties.
ND	Kevin Cramer, John Hoeven	Kelly Armstrong (At Large)	Roughrider Electric Cooperative Inc.	\$45,000,000		This Rural Development investment will be used to connect 243 consumers, and build and improve 291 miles of line. The loan includes \$2 million in Smart Grid technologies. Roughrider Electric is headquartered in Hazen, N.D. It serves an average of nearly 15,000 consumers over 5,234 miles of line in Billings, Dunn, Golden Valley, Hettinger, Mckenzie, Mercer, Oliver, Slope and Stark counties.

Rural Energy for America Program/Electric Loan Program September 9, 2021

State	Sen.	Rep.	Recipient	Loans	Grants	Project Description
OK	James Inhofe, James Lankford	Frank Lucas (03), Tom Cole (04), Stephanie Bice (05)	Central Rural Electric Cooperative	\$88,769,000		This Rural Development investment will be used to connect 1,417 consumers, and build and improve 179 miles of line. The loan includes \$85.3 million for Smart Grid investments, including the installation of 3,922 miles of fiber backbone. Central Rural Electric is headquartered in Stillwater, Okla. It serves approximately 22,000 consumers over 4,389 miles of line in Garfield, Lincoln, Logan, Noble, Oklahoma, Pawnee and Payne counties.
			ELECTRIC LOANS TOTAL	\$335,678,000		
			GRAND TOTAL	\$456,889,828	\$7,446,002	