



**USDA Rural Development  
Climate Change  
08.24.2022**

State	Senators	Representatives	Program	Recipient	Loan	Grant	Project Description
<b>Community Facilities Disaster Grants</b>							
CA	Dianne Feinstein Alex Padilla	Doug LaMalfa (01)	Community Facility Disaster Grants	Golden Valley Community Broadcasters		\$27,100	This Rural Development investment will be used to purchase an emergency generator and broadcasting equipment for Golden Valley Community Broadcasters. The new generator is necessary to allow the continued Emergency Management System broadcasts and emergency instructions in the event of disasters such as the Camp Fire in 2018. During the Camp Fire and during California's frequent public safety power shutoffs, the emergency broadcasting capabilities of community radio station KZFR are in danger of being blacked out. In a region where many residents do not have cell phones or access to the internet, radio is the only reliable source of emergency information available to them. In a wildfire situation, prompt and accurate evacuation instructions are vital as conditions change rapidly and ingress and egress to and from the communities are extremely limited, often confined to one or two main roads.
CA	Dianne Feinstein Alex Padilla	John Garamendi (03)	Community Facility Disaster Grants	City of Orland		\$49,500	This Rural Development investment will be used to assist the Orland Fire Department (OFD) to purchase a desperately needed water tender that will provide a reliable water supply to their firefighting fleet in remote areas. The water tender with a 4,000-gallon tank will allow the department to have a critical water supply for fire suppression in their area of operations and within nine other mutual aid departments. The ability to get water to the fire safely will enable the OFD to knock down the fire quickly, save lives, preserve property and help to protect the firefighters, mostly composed of volunteers. The cost for a water tender is \$141,608 and the city's rural counterpart, the Orland Fire Protection District, which is a separate entity, has pledged to provide the \$92,108 shared cost (65 percent).
CA	Dianne Feinstein Alex Padilla	Jared Huffman (02)	Community Facility Disaster Grants	City of Fortuna		\$140,800	This Rural Development investment will be used to purchase four new law enforcement vehicles that will be custom built for the needs of the city of Fortuna. The new vehicles will be equipped with better doors, window guards and partitions to make it safe for transporting people. The new vehicles will be able to provide safe transportation for officers and improve emergency response times.
CA	Dianne Feinstein Alex Padilla	Jared Huffman (02)	Community Facility Disaster Grants	County of Mendocino		\$64,200	This Rural Development investment will be used to purchase much needed library equipment such as checkout counters, scanners, printers, etc. This project will provide essential equipment to the community and will facilitate faster checkouts for patrons and help keep the community current on events.
CA	Dianne Feinstein Alex Padilla	Jared Huffman (02)	Community Facility Disaster Grants	Noyo Center for Marine Science		\$108,900	This Rural Development investment will be used to acquire essential educational equipment to help with marine research and provide first-rate education for children. The equipment includes new aquariums, electric boat, projectors, solar panels for boat, and other vital equipment. This project will facilitate continued educational opportunities for the 2,000 students that visit the marine center.



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CA	Dianne Feinstein Alex Padilla	Doug LaMalfa (01)	Community Facility Disaster Grants	Modoc County		\$74,230	This Rural Development investment will be used to assist the law enforcement's office to purchase two special service rural patrol vehicles. The county was established in 1874 and the law enforcement office is responsible for patrolling 4,200 square miles. The county has a population of approximately 10,000 people in thirteen (13) separate townships. The office is also responsible for patrolling the county's public lands which is almost 70 percent of the county, and four Native American Reservations. The office currently has eight full time patrol deputies and two sergeants and one reserve deputy. Each officer is assigned a take home patrol unit to reduce response times. The office currently has four explorers and six pickups. Over half of the patrol vehicles have over 100,000 miles and two of the vehicles 200,000 miles, while three are almost to the 200,000 mark. The purchase of the new vehicles will not only provide more dependable respond times for emergencies, but also save money in maintenance costs.
CA	Dianne Feinstein Alex Padilla	Doug LaMalfa (01)	Community Facility Disaster Grants	Fall River Valley Fire Protection District		\$368,100	This Rural Development investment will be used to assist the fire department with the purchase an emergency response vehicle that includes lifesaving equipment and a fire engine. The fire protection district was formed in September 2021, consolidating the Fall River Mills and McArthur Fire Protection Districts. The original districts were formed in 1938 and 1943. The McArthur census designated place (CDP) and Fall River Mills CDP have a combined population of 911. The department will be replacing their aging 2002 emergency response vehicle and their 1994 fire engine. The purchase of the new emergency response vehicle and fire engine will not only provide more dependable response for emergencies, but also save money in maintenance costs. The volunteer fire department also responds to emergencies outside of their area.
CA	Dianne Feinstein Alex Padilla	Tom McClintock (04)	Community Facility Disaster Grants	Groveland Community Services District		\$50,000	This Rural Development investment will be used to purchase and install a diesel-powered emergency generator to power Groveland Community Services District's administrative building during emergencies and extended power outages. The administrative building hosts all supervisory control and data acquisitions, communication infrastructure and the purchase and installation of this equipment will ensure the district can provide timely services to the community of Groveland, even in the event of an emergency.
FL	Marco Rubio Rick Scott	Neal Dunn (02)	Community Facility Disaster Grants	Gulf Coast Children's Advocacy Center		\$617,500	This Rural Development investment will be used to provide additional financing for the construction of a facility for Gulf Coast Children's Advocacy Center. The additional funds are needed due to a project cost overrun incurred after bids were received. Gulf Coast Children's Advocacy Center is a community-based non-profit organization that provides essential services to victims of child abuse and their families. The addition of the new facility will allow for increased capabilities and provide improved services to the citizens served by the facility.



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GA	Jon Ossoff Raphael Warnock	Austin Scott (08)	Community Facility Disaster Grants	Town Of Enigma		\$50,000	This Rural Development investment will be used to purchase two fully-equipped patrol vehicles to meet the public safety needs of their residents. Berrien County is a Hurricane Michael disaster county.
GA	Jon Ossoff Raphael Warnock	Austin Scott (08)	Community Facility Disaster Grants	Berrien County Board Of Commissioners		\$50,000	This Rural Development investment will be utilized to purchase 30 electronic control devices (ECD) also known as tasers for patrol officers, criminal investigative officers and other law enforcement personnel. The Sheriff's Department currently uses equipment that were manufactured in 2014 and are now obsolete. The county is designated a disaster county due to Hurricane Michael.
GA	Jon Ossoff Raphael Warnock	Austin Scott (08)	Community Facility Disaster Grants	Berrien County Board Of Commissioners		\$50,000	This Rural Development investment will be used to purchase three new fully-equipped law enforcement patrol vehicles for the county Sheriff's Department. The current fleet of vehicles each have more than 125,000 miles and require high maintenance cost for repairs. The county is designated a disaster county due to Hurricane Michael.
GA	Jon Ossoff Raphael Warnock	Austin Scott (08)	Community Facility Disaster Grants	Berrien County Board Of Commissioners		\$43,200	This Rural Development investment will be used to purchase an in-channel sewer grinder to be installed at the jail to alleviate sewer problems. An in-channel sewage grinder is the solution to the problems caused by foreign objects flushed into the sewer system by the inmates. Berrien County was designated a disaster county due to Hurricane Michael.
GA	Jon Ossoff Raphael G. Warnock	Sanford Bishop (02)	Community Facility Disaster Grants	Sumter County Board Of Commissioners		\$100,000	This Rural Development investment will be used to purchase two fire trucks to benefit the entire county. The fire trucks will be housed within the city limit of Americus. Sumter is a Georgia disaster county due to Hurricane Michael.
HI	Mazie Hirono Brian Schatz	Kai Kahele (02)	Community Facility Disaster Grants	Hawaii Ocean View Estates Road Maintenance		\$239,484	This Rural Development investment will be used to purchase road maintenance machinery to replace their aging equipment for the Hawaii Ocean View Estates, a community located in the district of Ka'u on the Big Island of Hawaii. The community encompasses nearly 11,500 1-acre parcels covering 157 miles of roadway. HOVE Road Maintenance Corporation was founded with the mission to repair, rebuild and restore the 157 miles of roadway that had become near impassable throughout the years. This project would enable HOVE to continue its mission.
IA	Joni Ernst Charles Grassley	Ashley Hinson (01)	Community Facility Disaster Grants	City Of Hazleton		\$14,000	This Rural Development investment will be used to help the city of Hazleton purchase extrication equipment for its fire department. The city does not currently possess extrication equipment for emergencies and major incidents. This project will help make first responders more effective and patients less vulnerable during rescue operations. The fire department serves the community of Hazleton and surrounding rural areas.



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IA	Joni Ernst Charles Grassley	Randy Feenstra (04)	Community Facility Disaster Grants	City Of Lake City		\$37,500	This Rural Development investment will be used to help the city of Lake City purchase a law enforcement vehicle and related equipment. The vehicle and equipment will increase operational efficiency. This project will also promote the safety of the 1,727 residents of Lake City and the residents of the surrounding rural area.
IA	Joni Ernst Charles Grassley	Cindy Axne (03)	Community Facility Disaster Grants	City Of Anita		\$500,000	This Rural Development investment will be used to help the city of Anita resurface streets which are essential to supporting commerce and transportation needs. This project will include pavement milling, when needed, full depth patching, minor curb replacement, accessible pedestrian crossings, and installation of a 3" asphalt overlay. The project will significantly extend the life of street pavement sections and promote the safe transit of city residents and residents of the surrounding rural area.
IA	Joni Ernst Charles Grassley	Cindy Axne (03)	Community Facility Disaster Grants	City Of Randolph		\$13,500	This Rural Development investment will be used to help the city of Randolph purchase a generator for the community center and fire station. The generator will provide electricity during emergencies and severe weather events. This project is essential for the safe operation of city services in future natural disasters and will provide a more secure environment for the 168 residents of the rural community. □
IA	Joni Ernst Charles Grassley	Randy Feenstra (04)	Community Facility Disaster Grants	City Of Arthur		\$2,100	This Rural Development will be used to help the city of Arthur purchase a Early Warning Storm Siren. This project will alert people inside the city limits during emergency situations. The siren is essential public safety equipment which will serve all residents in the rural community of Arthur, population 206.
IA	Joni Ernst Charles Grassley	Mariannette Miller-Meeks (02)	Community Facility Disaster Grants	City Of Albia		\$29,200	This Rural Development investment will be used to help the city of Albia purchase a pickup truck and related equipment. The vehicle will facilitate the transportation of equipment and materials for maintaining street surfaces, street signage, street markings, and traffic control devices. This project will help create safer transportation routes for commerce and daily activities for residents of the town and the surrounding rural areas.
IA	Joni Ernst Charles Grassley	Mariannette Miller-Meeks (02)	Community Facility Disaster Grants	City Of Albia		\$42,000	This Rural Development investment will be used to help the city of Albia purchase a tractor and related equipment. The vehicle and equipment will facilitate the maintenance of roadway right-of-way areas, control excess vegetation, and help provide better line-of-sight for motorists and pedestrians. This project promotes safer routes of transportation for townspeople, workers, and residents of the surrounding rural areas.



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IA	Joni Ernst Charles Grassley	Mariannette Miller-Meeke (02)	Community Facility Disaster Grants	Cardinal Of Eldon Community School District		\$59,500	This Rural Development investment will be used to help the Cardinal Of Eldon Community School District purchase a school bus. This project will increase passenger capacity and provide safe transportation for students in this rural school district.
IL	Tammy Duckworth Richard Durbin	Darin LaHood (18)	Community Facility Disaster Grants	Sonora Township		\$59,500	This Rural Development investment will be used to help purchase a four-wheel drive truck with a dump bed and snowplow. This will replace the city's current vehicle that is over 15 years old and is not suitable for narrow rural roads. The township covers a 40 square mile area in Hancock County with approximately 55 miles of roads to maintain serving 494 residents.
IL	Tammy Duckworth Richard Durbin	Darin LaHood (18)	Community Facility Disaster Grants	City Of Pittsfield		\$119,400	This Rural Development investment will be used to construct an addition to city hall for the city of Pittsfield. The city has purchased an adjacent building from their existing city hall and will renovate both spaces to provide adequate office space and will now be Americans with Disabilities Act compliant. City hall is an essential community facility and will serve 4,576 residents in Pike County, Illinois.
KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Community Facility Disaster Grants	City Of Concordia		\$500,000	This Rural Development investment will help purchase a ladder truck for the City of Concordia. The current ladder truck is reaching the end of its useful working life. Once this project is completed, the community will have access to new and improved public safety for years to come.
KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Community Facility Disaster Grants	City Of South Hutchinson		\$30,200	This Rural Development investment will help purchase a '22 Dodge Durango law enforcement vehicle with all necessary equipment and decals for the City of South Hutchinson's law enforcement department. Once active, the city will have an additional patrol vehicle to enhance protection for the community.
MD	Benjamin Cardin Chris Van Hollen	David Trone (06)	Community Facility Disaster Grants	Interfaith Service Coalition of Hancock		\$34,500	This Rural Development investment will be used to purchase a passenger van to assist with emergency food and transportation programs. Interfaith Service Coalition of Hancock, Maryland, Inc. (ISC) is located in Washington County, MD, a designated disaster county. Since the beginning of the COVID-19 pandemic ISC has delivered meals to senior citizens and individuals within Hancock, MD with compromised immune systems who are apprehensive to leave their homes. ISC also works with local fire companies, rescue squads, and police departments to provide meals, transportation, anything else within reason that is needed during times of emergency. The requested van is essential to keep ISC's emergency food and transportation programs in operation to continue serving the people of Washington County, Hancock, MD.



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MN	Amy Klobuchar Tina Smith	Pete Stauber (08)	Community Facility Disaster Grants	City Of Sandstone		\$50,000	This Rural Development investment will be used to provide a facility for the public library in Sandstone. The Sandston Library is a part of the East Central Regional Library (ECRL) system that serves the counties of Aitkin, Chisago, Isanti, Kanabec, Mille Lacs, and Pine. Nearly 4,000 square feet, the Sandstone Library is home to approximately 250,000 books, CDs, and DVDs; 45,000 digital materials; and 147 public computers. This project will relocate the library to an existing 8,700 square foot building located on Main Avenue in Sandstone. The expanded footprint and interior renovation will allow ECRL and Sandstone Library to engage the community with more quality, relevant programs, resources & technology.
MN	Amy Klobuchar Tina Smith	Michelle Fischbach (07)	Community Facility Disaster Grants	Sacred Heart Area Historical Society		\$50,000	This Rural Development investment will be used to rehabilitate the Hotel Sacred Heart, officially listed on the National Register of Historic Places in 2016. The Hotel Sacred Heart is highly visible on the Yellowstone Trail and the Highway 212 corridor. The Yellowstone Trail was the first transcontinental automobile highway through the upper tier of states in the United States, established on May 23, 1912. It was an Auto Trail that ran from the Atlantic Ocean in Plymouth, Massachusetts, through Montana to Yellowstone National Park in Wyoming, to the Pacific Ocean in Seattle, Washington. This beloved icon in the community has served as the town's principal site for banquets and private dinners since 1914. Hotel Sacred Heart earned a reputation for being the best little hotel between the Twin Cities, Minnesota and Aberdeen, South Dakota along the Milwaukee railway. The building continued to serve as a hotel until 1978, when it was sold and converted into apartments. When the Sacred Heart Area Historical Society (SHAHS) obtained ownership in 2014, the facility has remained vacant ever since. In 2017 a Reuse & Feasibility Study identified concerns about the exterior and interior condition of the building. The building does not meet basic building code requirements for mechanical, plumbing, electrical, fire, and accessibility. For this reason, a long-range plan was developed for the revitalization project. This project will provide the opportunity to increase property values, attract new businesses and shoppers to the area, and bring assisted senior living and new job opportunities to Sacred Heart.
MN	Amy Klobuchar Tina Smith	Michelle Fischbach (07)	Community Facility Disaster Grants	City Of Browns Valley		\$94,000	This Rural Development investment will be used to upgrade the Browns Valley ambulance and related equipment. The Browns Valley Ambulance Service provides emergency rescue services for nearly 2,000 residents in the surrounding area. The new ambulance vehicle will replace two vehicles more than 20 years old and be outfitted with modern equipment.



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MN	Amy Klobuchar Tina Smith	Brad Finstad (01)	Community Facility Disaster Grants	City Of Altura		\$37,000	This Rural Development investment will be used to purchase an ambulance for the city of Altura to ensure efficient emergency medical services for years to come.. The Altura Ambulance Service provides emergency rescue services for more than 2,000 residents in the cities of Altura, Elba, Rollingstone and portions of seven surrounding townships. The city's current ambulance is 15 years old, requires regular costly maintenance, and the doors of the patient bay no longer shut properly. Each time the vehicle goes in for repair, the city is left without local emergency response. A neighboring service then needs to respond which can add an additional 25 minutes to the response time which can mean the difference between life and death.
MO	Roy Blunt Josh Hawley	Jason Smith (08)	Community Facility Disaster Grants	City of Malden		\$500,000	This Rural Development investment will be used to assist the city of Malden purchase a fire vehicle, street sweeper, and eight new mowers. The equipment purchase will help the city continue to provide essential community services to its citizens.
NC	Richard Burr Thom Tillis	G.K. Butterfield (01)	Community Facility Disaster Grants	The Nathan R. Cobb Sr. Foundation		\$120,000	This Rural Development investment will be used to construct a new open wall community center and pavilion for the Nathan R. Cobb, Sr. Foundation. The foundation provides scholarship opportunities and financial support for students with limited income. In addition, they assist families in distress by providing food, clothing, and other needed items. The new center will contain approximately 4,000 square feet and a handicap accessible bathroom and kitchen. The structure will be wood framed completed with roofing, exterior siding, and exposed structural columns. The proposed project is an essential community facility that will provide a sheltered location for community gatherings and activities. This project was initially funded in August 2021; however, the foundation is seeking additional funding for continued work for the kitchen area in the pavilion which includes cabinets, counter tops, lights, storage, and walls.
ND	Kevin Cramer John Hoeven	Kelly Armstrong (At Large)	Community Facility Disaster Grants	Ellendale Fire Protection District		\$316,500	This Rural Development investment will be used to purchase a fire pumper truck for the 2,154 residents of Ellendale and the surrounding area. Ellendale Fire Protection District needs to replace their existing fire pumper truck. It is over 25 years old and has reached the end of its useful life. The new truck will be equipped with all the new and updated technical and safety features. This project will provide upgraded and reliable service for years to come.
OH	Sherrod Brown Rob Portman	Steve Stivers (15)	Community Facility Disaster Grants	Athens County		\$50,000	This Rural Development investment will be used to fund the purchase of a force feed loader. This force feed loader will be used for a variety of clean up and maintenance purposes. The existing equipment has reached the end of its useful life and needs to be replaced. This will benefit the community by allowing the county to effectively maintain public roadways and facilities for residents, visitors, and commercial users.



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PA	Robert Casey Patrick Toomey	Dan Meuser (09)	Community Facility Disaster Grants	Town Of Bloomsburg		\$500,000	This Rural Development investment will be used for the repaving of four parking lots in the town of Bloomsburg, Pennsylvania. The aging infrastructure is in need of major repairs. Improvements of these lots will impact more than 30 businesses that are within a block radius of the proposed project.
PA	Robert Casey Patrick Toomey	Fred Keller (12)	Community Facility Disaster Grants	Eagles Mere Borough Authority		\$46,700	This Rural Development investment will be used to purchase and install one backup generator at each of its two pumping stations (total of two generators). The current backup generators require a manual start if they are needed, necessitating an operator to be present. The new equipment will allow the township to provide a more reliable service to the community.
TN	Marsha Blackburn Bill Hagerty	John Rose (06)	Community Facility Disaster Grants	Jackson County		\$105,000	This Rural Development investment will be used to purchase a garbage truck for the solid waste department of Jackson County. This vehicle will enable the county to improve their solid waste management by providing a more reliable collection method. The project will benefit the approximately 11,600 residents of Jackson County.
TN	Marsha Blackburn Bill Hagerty	David Kustoff (08)	Community Facility Disaster Grants	Samburg Utility District		\$225,000	This Rural Development investment will be used to construct an office building for the utility district. The building will include office space, a public meeting room and front access area for utility payment receipts. The previous office was destroyed in the tornados that occurred in West Tennessee on December 10, 2021. The new office will serve all customers of the utility district and will benefit the approximate 200 customers of Samburg.
						<b>\$5,568,614</b>	
<b>Rural Energy for America Program - Energy Audit Grants</b>							
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	SW AK Municipal Con		\$100,000	This Rural Development investment will be used to conduct approximately 28 energy audits for rural small businesses and agricultural producers throughout the state of Alaska.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Southeast Conference		\$100,000	This Rural Development investment will be used to provide technical assistance on multiple renewable opportunities for rural small businesses and agricultural producers throughout the state of Alaska. This includes completing 15 Renewable Energy Assessment Tools, supporting 10 events across the state and completing one biomass-related assessment.





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AL	Richard Shelby Tommy Tuberville	Robert Aderholt (04), Mo Brooks (05), Jerry Carl (01), Barry Moore (02), Gary Palmer (06), Mike Rogers (03), Terri Sewell (07)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	University Of Alabama		\$100,000	This Rural Development investment will be used to help the University of Alabama assist farmers, ranchers, and rural small businesses statewide in developing renewable energy system improvements to their operations. The university will use this investment to conduct approximately 26 renewable energy site assessments or renewable energy technical assistance projects for rural small businesses and agricultural producers across Alabama. Additional funding includes an applicant contribution of \$20,327. This project will benefit 4,779,736 rural residents across Alabama.
CO	Michael Bennet John Hickenlooper	Lauren Boebert (03)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	San Isabel Electric Assn		\$100,000	This Rural Development investment will be used to provide financial assistance for rural small businesses to obtain energy audits. The funding will allow for high quality commercial energy audits for approximately 53 small, rural businesses of varying size over a two year period in 27 counties in Colorado. Energy audits will cost between \$1,500 to \$5,000, depending upon the size of the small business.
KY	Mitch McConnell Rand Paul	Andy Barr (06)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Univ Of KY Research Fndn		\$99,990	This Rural Development investment will be used to conduct approximately 40 energy audits for rural small businesses and agricultural producers throughout the commonwealth of Kentucky. University of Kentucky will offer their services statewide, which include all underserved areas in Kentucky.
KY	Mitch McConnell Rand Paul	Andy Barr (06)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Berea College KY		\$100,000	This Rural Development investment will be used to perform 26 renewable site assessments over 24 months that will assist rural small businesses in installing renewable energy at their businesses. Berea College will offer their services statewide, which include all under-served areas in Kentucky.
NH	Maggie Hassan Jeanne Shaheen	Chris Pappas (01)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Community College System of New Hampshire		\$91,304	This Rural Development investment will be used to continue a successful Renewable Energy Development Assistance program called "NH Rural Renewables". The technical assistance provided will emphasize solar photovoltaic, wood thermal energy, and energy efficiency technologies. An estimated 44 rural small businesses and agricultural producers throughout New Hampshire will benefit from the program.



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NH	Maggie Hassan Jeanne Shaheen	Ann Kuster (02)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	New Hampshire Community Development Fina		\$99,993	This Rural Development investment will be used to provide low-cost, comprehensive energy audits to 26 rural small businesses and agricultural producers. The audits and technical support provided will be used to identify energy efficiency measures and funding resources.
OR	Jeff Merkley Ron Wyden	Cliff Bentz (02), Earl Blumenauer (03), Suzanne Bonamici (01), Peter DeFazio (04), Kurt Schrader (05)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Clackamas Community College		\$100,000	This Rural Development investment will be used to provide additional financing to Clackamas Community College. This project continues Clackamas Community College's efforts in providing renewable energy technical assistance to rural small businesses and agriculture producers throughout the entire state of Oregon. They will use established communication channels, leverage existing relationships, share information about financial incentive programs, participate in peer-to-peer education, and are committed to assisting Hispanic, Spanish and Latino operators in Oregon. Clackamas Community College plans to engage at least 100 of Oregon's rural small businesses and agricultural producers. It will provide at least 30 of these intakes with project specific consultations. Through providing targeted project assistance, Clackamas Community College will help rural small businesses and agricultural producers understand and apply for renewable energy project funding. Clackamas Community College will be contributing \$20,000 towards this project.
TX	John Cornyn Ted Cruz	Filemon Vela (34)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Texas A&M University-Kingsville		\$49,673	This Rural Development investment will be used to conduct approximately 14 energy efficiency site assessments for rural agricultural producers & small rural businesses to conduct technical & economic feasibility analysis for wind, solar & biomass projects. These site assessments will provide analysis to make energy-efficiency improvements to these operations and/or install renewable energy systems. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This project will establish a development assistance program to agricultural producers and rural small businesses to: 1) Increase awareness of the energy benefits of wind, solar, and biomass In South Texas by providing technical feasibility and lifestyle economic feasibility analysis. 2) Promote energy independence by increasing the utilization of renewable energy In South Texas. Benefiting 8 farmers and ranchers and 6 small businesses.



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WA	Maria Cantwell Patty Murray	Marilyn Strickland (10)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Pierce Conservation District		\$100,000	This Rural Development investment will be used to help Pierce Conservation District outreach to 100 farmers, ranchers and small businesses. The project intends to provide technical assistance with renewable energy and/or energy efficiency systems throughout the State of Washington. This project will partner with Spark Northwest and Snohomish Conservation District to provide site assessments to include financial options of loans, grants, incentives, as well as information for permitting and other application processes. In addition, these site assessments will provide analysis to make energy-efficiency improvements to these operations and/or install renewable energy systems. This project will provide project development assistance to 26 or more rural small businesses and agricultural producers.
WA	Maria Cantwell Patty Murray	Rick Larsen (02)	Rural Energy for America Program (REAP) Energy Audits and Renewable Energy Development Grants	Orcas Power & Light Cooperative		\$100,000	This Rural Development investment will be used to fund energy audits to agricultural producers and rural small businesses in San Juan County, Washington. Orcas Power & Light Cooperative is a utility provider in the County. The project will provide approximately 20 energy audits to eligible businesses.
						<b>\$1,140,960</b>	
<b>Rural Energy for America Program - Grants and Loan Guarantees</b>							
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hawks Farm And Garden Center Inc.		\$10,361	This Rural Development investment will be used to help Hawks Farm and Garden Center Inc. install a 13.5-kilowatt (kW) photovoltaic (PV) system at its family-operated farm in North Pole, Alaska. The new system is expected to save the company \$3,549 in electrical costs per year and will generate 15,294 kilowatt hours per year.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	The Diesel Doctor		\$15,785	This Rural Development investment will be used to help The Diesel Doctor auto repair shop install a 30.45-kilowatt (kW) photovoltaic (PV) system in Fairbanks, Alaska. This company has been in business for 32 years. The new system is expected to generate 30,788 kilowatt hours (kWh) in electrical usage per year.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Alaska Auto Rental Inc.		\$19,895	This Rural Development investment will be used to help Alaska Auto Rental Inc install a 20.88-kilowatt (kW) photovoltaic (PV) system on its car rental building in Fairbanks, Alaska. This company has been in business for 10 years. The new system is expected to generate 23,966 kilowatt hours (kWh) in electrical usage per year.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Red Couch LLC		\$15,807	This Rural Development investment will be used to help Red Couch LLC install a 13.86-kilowatt (kW) photovoltaic (PV) system for its eat-in bakery in Fairbanks, Alaska. This company has been in business for 13 years. The new system is expected to generate 14,014 kilowatt hours (kWh) in electrical usage per year. □



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AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Otter Life LLC		\$7,412	This Rural Development investment will be used to help Otter Life LLC purchase and install an 11.22-kilowatt solar array for Stoney Creek Brewhouse in Seward, Alaska. This project will save \$2,517 per year and generate 11,442 kilowatt hours per year.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Nina Faust		\$12,405	This Rural Development investment will be used to help Nina Faust install a 17-kilowatt (kW) photovoltaic (PV) system on a commercial rental building in Homer, Alaska. The new system is expected to save the business \$3,500 in electrical costs per year and will generate 14,000 kilowatt hours annually.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kinetix Inc.		\$15,896	This Rural Development investment will be used to help Kinetix, Inc install a 25-kilowatt (kW) photovoltaic (PV) system on its medical building in Soldotna, Alaska. This company has been in business for 18 years. The new system is expected to generate 27,302 kilowatt hours (kWh) in electrical usage per year.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bones Inc.		\$15,896	This Rural Development investment will be used to help Bones Inc install a 25-kilowatt (kW) photovoltaic (PV) system on its medical building in Soldotna, Alaska. This company has been in business for 18 years. The new system is expected to generate 27,302 kilowatt hours (kWh) in electrical usage per year.
AK	Lisa Murkowski Dan Sullivan	Don Young (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Benjamin Lawrie		\$19,748	This Rural Development investment will be used to help Benjamin Lawrie install an energy-efficient freezer on the commercial fishing vessel Mindalina in Sitka, Alaska. Mr. Lawrie has commercially fished in Alaska for the past 20 years. This project is expected to lower the Mindalina's energy use by 51 percent and save 44,930 kilowatt hours (kWh) of electricity per year.
AR	John Boozman Tom Cotton	Steve Womack (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Space Saver Solutions LLC		\$15,812	This Rural Development investment will help Space Saver Solutions LLC install a 37 kilowatt (kW) solar system for their mini storage facility in Harrison, Arkansas. This project is expected to generate 44,214 kilowatt hours (kWh) annually and save the business \$1,159 per year.
AR	John Boozman Tom Cotton	Steve Womack (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kerusso Activewear Inc.		\$7,435	This Rural Development investment will be used to help Kerusso Activewear Inc. install LED lighting to their commercial facilities. Kerusso Activewear is a screen printing business located in Berryville, Arkansas. This project is expected to save 9,747 kilowatt hours (25 percent of the operation's historic usage) and \$1,064 annually.



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AR	John Boozman Tom Cotton	Rick Crawford (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	German Auto Tech LLC		\$17,250	This Rural Development investment will be used to help German Auto Tech LLC install a 17.2 kilowatt solar system. German Auto Tech is an auto repair business in West Memphis, Arkansas. This project is expected to save \$3,070 per year and replace 23,740 kilowatt hours (70 percent of the company's energy usage) annually.
AR	John Boozman Tom Cotton	Rick Crawford (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Brice Farm LLC		\$16,666	This Rural Development investment will be used to help Brice Farm LLC install a new grain monitoring system to existing storage bins. Brice Farm is an agricultural producer of rice and soybeans located in Lawrence County, Arkansas. This energy efficiency improvement project is expected to save \$4,685 and 102,016 kilowatt hours (kWh) (60 percent of the agricultural operation's historic usage) annually, which is enough energy to power nine homes.
AR	John Boozman Tom Cotton	Rick Crawford (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jon Carroll		\$15,029	This Rural Development investment will be used to help Jon Carroll, an agricultural producer of corn, install a grain monitoring system to the storage bins on his farm in Moro, Arkansas. This energy efficiency improvement project is expected to save \$5,388 and 142,994 kilowatt hours (65 percent of the agricultural operation's historic usage) annually, which is enough energy to power 13 homes.
AR	John Boozman Tom Cotton	Rick Crawford (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Chris E. Isbell		\$14,537	This Rural Development investment will be used to help Chris Isbell, a rice producer in England, Arkansas, install a grain monitoring system to the storage bins on his 3,000-acre farm. This energy efficiency improvement project is expected to save \$4,332 and 93,346 kilowatt hours (kWh) (36 percent of the agricultural operation's historic usage) annually, which is enough energy to power 8 homes.
AR	John Boozman Tom Cotton	French Hill (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Leafscape Inc.		\$13,340	This Rural Development investment will be used to help Leafscape Inc. install a 23.2 kilowatt solar array. Leafscape Inc. is a indoor landscaping company in rural Pulaski County, Arkansas. The project is expected to save \$2,700 per year and replace 33,758 kilowatt hours (99 percent of the company's energy use) annually.
AR	John Boozman Tom Cotton	French Hill (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Steve D. Riley		\$18,663	This Rural Development investment will be used to help Steve Riley, owner and operator of a cattle and hay farm in Traskwood, Arkansas, install a 21.4 kilowatt solar array. This renewable energy project is expected to save \$2,237 per year and replace 22,374 kilowatt hours (100 percent of the business operation's historic energy usage) annually.



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AR	Tom Cotton John Boozman	Steve Womack (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Matthew Singer		\$8,989	This Rural Development investment will be used to help Matthew Singer install a 13.6 kilowatt solar array on his horse ranch in Fort Smith, Arkansas. This renewable energy system is expected to replace 18,907 kilowatt hours (33 percent of the the business operation's historic usage) annually, and save \$1,701 per year.
AZ	Mark Kelly Kyrsten Sinema	Ann Kirpatrick (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	East Flank Vineyards LLC		\$11,125	This Rural Development investment will be used to help East Flank Vineyards, in Portal, Arizona, install a 8.79-kilowatt solar renewable energy system. The installation will include a battery backup system which will enable the business to maintain necessary operations during the frequent power outages experienced in this very isolated area of rural Arizona.
AZ	Mark Kelly Kyrsten Sinema	Paul Gosar (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	AZCA Drilling & Pump Inc.		\$12,500	This Rural Development investment will be used to help AZCA Drilling & Pump Inc. purchase and install a 19.2-kilowatt roof-mounted solar PV. The system will generate 34,301 kilowatt hours of renewable electricity per year, which is enough to power 5.2 gasoline powered passenger vehicles driven for one year. The solar array will replace 74.65 percent of the business's energy use with renewable electricity, reducing its utility bill by \$5,488 per year.
AZ	Mark Kelly Kyrsten Sinema	Paul Gosar (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Arizona Autowash #10 LLC		\$20,000	This Rural Development investment will be used to purchase and install a 60.4 KW roof-mounted and grid-tied solar PV system. Arizona Autowash is an established rural business supplying gas and conveyance to motorists in Wickenburg, Arizona. This project will create enough energy with this renewable energy system to displace the equivalent of 16.6 passenger vehicles driven in one year. After the solar system is paid off, it will save about \$19,000 a year in utilities costs.
AZ	Mark Kelly Kyrsten Sinema	Tom O'Halleran (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Crossroads Self Storage LLC		\$13,942	This Rural Development investment investment will be used to help Crossroads Self Storage LLC purchase and install a 20.6-kilowatt roof-mounted solar PV. The system will generate 33,648 kilowatt hours of renewable electricity per year, which is enough to power 5.1 gasoline powered passenger vehicles driven for one year. The solar array will replace 98 percent of the business's energy use with renewable electricity, reducing its utility bill by \$5,780 per year.
AZ	Mark Kelly Kyrsten Sinema	Tom O'Halleran (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	CC Deer Trail LLC		\$19,958	This Rural Development investment will be used to help Sedona Conscious Healing Retreat install a 31.68-kilowatt solar renewable energy system. This project is expected to save the company \$907 in electrical costs per month.



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AZ	Mark Kelly Krysten Sinema	Paul A. Gosar (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	GLF9 Route 66 Ranch LLC		\$7,372	This Rural Development investment will be used to help a farming operation in Kingman, Arizona replace a portable generator with an off-grid 6.8 kilowatt solar renewable energy system for their farm shop/office. This project is expected to result in a savings of \$1,200 a year in electrical costs.
AZ	Mark Kelly Krysten Sinema	Tom O'Halleran (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Echo Canyon Vineyard LLC		\$19,983	This Rural Development investment will be used to help Echo Canyon Vineyards install a 29.92-kilowatt solar renewable energy system. Echo Canyon Vineyards is a winery located in Cornville, Arizona. This project will eliminate the need for the business to purchase electricity from the local utility company, resulting in a savings of \$724 dollars per month that can be invested back into agritourism activities.
AZ	Mark Kelly Krysten Sinema	Tom O'Halleran (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Intention Property Management		\$19,969	This Rural Development investment will be used to help Saddlerock Ranch Bed and Breakfast install a 25.52-kilowatt solar renewable energy system. Saddlerock Ranch Bed and Breakfast is located in Sedona, Arizona. This will eliminate the need for the business to purchase electricity from the local utility company, resulting in a savings of \$482 dollar per month.
AZ	Mark Kelly Krysten Sinema	Paul Gosar (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Page Springs Cellars Inc.		\$19,000	This Rural Development investment will be used to help Page Springs Cellars Inc. purchase and install a battery backup system designed to augment the previously installed solar generation systems. Page Springs Cellars is a winery and vineyard. The new battery system is rated as a 54 kW battery that could save the business a full days revenue in a power outage, saving \$8,000 a day per incident. This business has averaged about five outages a year. The battery system will offer backup power to allow the business to continue operating in case of an outage.
CA	Dianne Feinstein Alex Padilla	Jared Huffman (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Gina Covina		\$17,768	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Gina Covina is a sole proprietor farmer growing and marketing over 200 variety of seeds under the business name as Open Circle Seeds. High-energy cost comprises a large part of the business operating expenses. These funds will be used for the purchase and installation of a solar array which will generate 21,757 kWh per year to offset electrical costs incurred by normal operations. This project will realize \$9,120 per year in savings.



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CA	Dianne Feinstein Alex Padilla	Jerry McNerney (09)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	RPCA Solar 3 LLC	\$7,500,000		This Rural Development loan guarantee will be used to purchase and construct a 7.00 MW (DC) solar array on a property located in Byron, CA. RPCA Solar 3 LLC is a newly created entity that will generate, export and sell electricity. The system is estimated to produce 7.0 megawatts (mW) per year, which is enough electricity to power 2,200 homes. This project will create three rural jobs.
CA	Dianne Feinstein Alex Padilla	Jim Costa (16)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jennifer Simone		\$10,250	This Rural Development investment will be used to help Jennifer Simone purchase a 23.7 kW solar photovoltaic system. Jennifer Simone is a sole proprietor farmer growing almond trees and producing almonds for processing through area hulling operations and then for sale. This project will realize \$9,050 per year in savings, and will replace 36,200 kW per year, which is enough electricity to power 3.2 homes per year.
CA	Dianne Feinstein Alex Padilla	David Valadao (21)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rajpal Singh Batth		\$19,861	This Rural Development investment will be used to purchase and install a new high efficiency pump of equal size and design for a new irrigation drip system. Rajpal S. Batth is a sole-proprietor farmer growing cherry trees. This project will save 21,891,392 BTU of energy, realize \$2,682 per year in savings, and 21,891,392 BTU savings per year.
CA	Dianne Feinstein Alex Padilla	Mike Thompson (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Edenberry Farm LLC		\$8,111	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Edenberry is an organic farm, growing mixed vegetables as well as raspberry and blackberries. The fund will help offset the costs associated with installing a photovoltaic (PV) solar system. The project will generate 13,504 kWh per year. The energy will be used for irrigation well pump, cold s refrigeration, fruit freezers and freeze dryer.
CA	Dianne Feinstein Alex Padilla	Ted Lieu (33)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Vahali Vineyards LLC		\$20,000	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Vahali Vineyards is a small farmer growing grapes. High energy cost comprises a large part of the business operating expenses. Project funds will be used for the purchase and installation of a of a 23 kilowatt (kW) solar array to offset electrical costs incurred by normal operations. This project will realize \$12,493 per year in savings, and will replace 42,476 kilowatt hours (kWh) per year.





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CA	Dianne Feinstein Alex Padilla	Scott Peters (52)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rainbow River Estates		\$11,160	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will be used to purchase a 23,400-kWh solar array that will offset electrical costs incurred by conventional operations. This project will realize 6.57 kWh hours of saving per year for the borrower.
CA	Dianne Feinstein Alex Padilla	Salud Carbajal (24)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Prodigal Farming LLC		\$8,393	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will help offset the costs associated with the installation of a photovoltaic (PV) solar system. This will generate 17,730 kilowatt hours (kWh) annually, a yearly savings of approximately 4.96440 kWh of electricity consumption.
CA	Dianne Feinstein Alex Padilla	Josh Harder (10)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Oakdale Event Center LLC		\$9,945	This Rural Development investment will be used to purchase a 10, 011 kilowatts (kW) solar array. High-energy cost comprise a large part of the business operating expenses and this project will help offset electrical costs incurred by normal operations.
CO	Michael Bennet John Hickenlooper	Lauren Boebert (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ash Mesa Solar LLC	\$8,000,000		This Rural Development investment will be used to install a 9.97 megawatt (mW) solar photovoltaic (PV) energy generation system. Ash Mesa Solar LLC is a newly formed entity for this project and will sell the energy generated to a business near the location. The local utility will purchase the energy if the contract is not renewed. The system is estimated to generate 20,104 megawatts (mW) annually, which is enough to power over 1,850 homes.
CO	Michael Bennet John Hickenlooper	Ken Buck (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Norman Brothers		\$7,445	This Rural Development investment will be used to install a 10.8 kilowatts (kW) grid-tied, non-battery, solar electric system to replace the historical energy consumption for an agricultural production located in Cope, Colorado. The annual savings in energy costs for this project are \$1,428.32.
CT	Richard Blumenthal Christopher Murphy	B John Larson (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rogers Orchards Inc.		\$11,221	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Rogers Orchards is an 8th generation family farm located in Southington, Connecticut. Project funds will be used to make energy efficiency improvements with the purchase and installation of LED lighting. This project will realize \$12,196 per year in savings and will replace 63,425 kWh (19 percent) per year, which is enough electricity to power five homes.



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CT	Richard Blumenthal Christopher Murphy	Jahana Hayes (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Paley's Farm & Garden Center LLC		\$3,808	This Rural Development investment will be used to help Paley's Farm & Garden Center install a more energy-efficient refrigeration and lighting system. Paley's is a small vegetable farm in Sharon, Connecticut. The new system is expected to save the company \$2,557 in electrical costs per year.
DE	Thomas Carper Christopher Coons	Lisa Blunt Rochester (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Willard Kauffman		\$19,558	This Rural Development Investment will be used to help Willard L. Kauffman, a grain farmer in Harrington, Delaware, purchase and install a grain drying system for one grain bin. This project is expected to save \$3,440 per year. It will replace 74,211 kilowatt hours (kWh) (66 percent of the farm's energy use) per year.
DE	Thomas Carper Christopher Coons	Lisa Blunt Rochester (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bethany Travel Inc.		\$10,150	This Rural Development Investment will be used for the purchase and installation of a 14.44 kilowatt (kW) solar array for Bethany Travel Inc. This project will replace 18,797 kilowatt hours (kWh) (98.5 percent) and realize \$2,222 of savings per year.
FL	Marco Rubio Rick Scott	Kat Cammack (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Dreyer's Cleaning & Restoration Inc.		\$15,172	This Rural Development investment will be used to purchase and install a 35 kilowatt (kW) solar array. Dreyer's Cleaning and Restoration is an individually owned business. This project will replace 50,278 kilowatt hours (kWh) (97 percent) per year, which is enough electricity to power five homes.
FL	Marco Rubio Rick Scott	Greg Steube (17)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hardee Fresh LLC		\$17,735	This Rural Development investment will be used to make energy-efficiency improvements to its operations. Hardee Fresh is an indoor farm located in Wauchula, Florida. Project funds will be used to make energy efficiency improvements to the heating, ventilation and air conditioning system. This project will realize \$25,000 per year in savings and will replace 300,000 kilowatt hours (kWh) per year, which is enough electricity to power 27 homes.
FL	Marco Rubio Rick Scott	Daniel Webster (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Belleview		\$7,749	This Rural Development investment will be used to purchase and install a 10 kilowatt (kW) solar array. Belleview LLC is an individually owned business. This project will replace 18636 kilowatt hours (kWh) per year, which is enough electricity to power two homes.
GA	Jon Ossoff Raphael Warnock	Buddy Carter (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Blueberry Solar LLC		\$249,750	This Rural Development investment will be used to purchase and install a 800KW Single Axis Solar PV energy system. Blueberry Solar LLC operates a rural small business specializing in solar electric power generation in Alma, Bacon County, Georgia. This project will replace 1,435,586 kWh per year, which is enough electricity to power 132 homes, and will realize \$100,491 in income per year. 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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GA	Jon Ossoff Raphael Warnock	Barry Loudermilk (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Noble & Main Coffee Co LLC		\$10,400	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses develop renewable energy systems, and make energy-efficiency improvements to their operations. Noble & Main Coffee Co LLC is a restaurant in Bartow County, Georgia. Project funds will be used to purchase and install a 13 KW solar array. This project will realize \$2,965 in savings and replace 18,279 kWh per year, enough energy to power one home.
GA	Jon Ossoff Raphael Warnock	Rick Allen (12)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Charles Yawn		\$36,250	This Rural Development investment will be used to purchase and install a 65 KW solar energy replacement system. Charles Yawn operates a poultry house business in Hazlehurst, Jeff Davis County, Georgia. This project will replace 106,012 kWh per year, which is enough electricity to power nine homes, and will realize \$11,344 in savings per year. 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.
GA	Jon Ossoff Raphael Warnock	Rick Allen (12)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	JM Coleman Farms LLC		\$14,930	This Rural Development investment will be used to purchase and install a 13.7 kilowatt (kW) solar array. This project will realize \$3,106 in savings and replace 19,410 kilowatt hours (kWh) per year, enough energy to power one home.
GA	Jon Ossoff Raphael Warnock	Buddy Carter (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Eagles Nest Storage LLC		\$11,250	This Rural Development investment will be used to help Eagles Nest Storage LLC purchase and install a 15-kW solar array. Eagles Nest Storage LLC is a small business operating commercial storage units in Patterson, Georgia. This project will generate 21,427 kWh per year, 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 in making energy-efficiency improvements to their operations.
GA	Jon Ossoff Raphael Warnock	Austin Scott (08)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Christopher L. Cape		\$4,709	This Rural Development investment will be used to make energy efficiency improvements with the replacement of a diesel to electric irrigation Pump motor conversion. Christopher L. Cape operates a small family-owned farm specializing in row crops in Hawkinsville, Pulaski County, Georgia. This project will realize \$7031.46 per year in savings and will save the equivalent of 154,069 kWh of electricity per year (90.17 percent) which is enough electricity to power fourteen homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.



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GA	Jon Ossoff Raphael Warnock	Andrew Clyde (09)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Currahee Management Group LLC		\$16,830	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses develop renewable energy systems, and make energy-efficiency improvements to their operations. Currahee Management Group LLC is the office of a property management company in Stephens County, Georgia. Project funds will be used to purchase and install a 31.67 KW solar array. This project will realize \$6,538 in savings and replace 34,367 kWh per year, enough energy to power three home.
GA	Jon Ossoff Raphael Warnock	Rick Allen (12)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Nobles Outdoor Advertising LLC		\$11,836	This Rural Development investment will be used to purchase and install a 13.5 KW solar array. Nobles Outdoor Advertising LLC is a small business operating in Outdoor Advertising in Glennville, Tattnall County, Georgia. This project will generate 19,936 kWh per year, which is enough electricity to power one home. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.
GU		Michael San Nicolas	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Crown Bakery Inc.		\$49,875	This Rural Development investment will be used to install a 51 kilowatt (kW) photovoltaic solar system consisting of 100 solar array panels. Crown Bakery located in Barrigada Guam. The project will generate 91,800 kilowatt hours (kWh) of electricity. This will replace approximately 36 percent of the applicant's total power usage resulting in an annual savings of \$25,000 in electricity expense.
HI	Mazie Hirono Brian Schatz	Kai Kahele (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Puna Chocolate Company		\$19,992	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. This investment will be used to help Puna Chocolate purchase and install a 21.2 kW PV system. Puna Chocolate, located Kailua-Kona, Hawaii, is a farm-to-bar chocolate manufacturing company and retail store. The system will be generating approximately 24,133 kWh per year for a cost savings of up to 74 percent in utility energy purchased.
HI	Mazie Hirono Brian Schatz	Ed Case (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ho Farms LLC		\$90,415	This Rural Development investment will be used to help farmers, ranchers, and rural small businesses develop renewable energy systems, and make energy-efficiency improvements to their operations. Ho Farms LLC is a family-owned farm. The funds will be used to purchase and install a 112 kW solar system to be located in Ewa Beach, Hawaii. The system is estimated to produce 189,085 kWh per year.



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IA	Joni Ernst Charles Grassley	Ashley Hinson (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Richard J. Birdsell		\$12,912	This Rural Development investment will help Richard Birdsell install a 29 kW solar array. Richard Birdsell is a dairy producer near Postville, Iowa. This project will realize \$4,755 per year in savings and will replace 31,474 kilowatt hours (100 percent of the dairy farm usage) per year.
IA	Joni Ernst Charles Grassley	Randy Feenstra (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rebecca Caspers		\$11,579	This Rural Development investment will help Rebecca Caspers install a 31 kW solar array. Rebecca Caspers is a grain farm operator in Cerro Gordo County, Iowa. This project is expected to save \$4813 per year. It will replace 31,659 kilowatt hours (100 percent of the farm business energy usage) per year.
IA	Joni Ernst Charles Grassley	Cindy Axne (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Red Lion Perry Solar LLC		\$8,921	This Rural Development investment will be used to help Red Lion Perry Solar LLC install solar arrays at several city locations. Red Lion Perry Solar LLC is a newly created business to generate energy in Perry, Iowa. This project is expected to generate \$133,029 gross income from the sale of energy, and generate 998,607 kilowatt hours (kWh), which is enough energy to power 92 homes.
IA	Joni Ernst Charles Grassley	Randy Feenstra (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	James Nieman		\$14,001	This Rural Development investment will be used to help James Nieman install a 40 kW solar array. James Nieman is the owner of a grain farm and trucking operation in Kanawha, Iowa. This project is expected to save \$5,811 per year. It will replace 37,193 kilowatt hours (100 percent of the farm business energy usage) per year.
IA	Joni Ernst Charles Grassley	Ashley Hinson (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	William Mahr		\$7,087	This Rural Development investment will be used to help William Mahr install a grain dryer. William Mahr is a livestock and grain producer near Lime Springs, Iowa. This project will realize \$9,709 per year in savings and will save 232,829 kWh (62 percent) per year, which is enough electricity to power 21 homes.
IA	Joni Ernst Charles Grassley	Mariannette Miller-Meeks (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kurt Rossiter		\$20,000	This Rural Development investment will be used to help Kurt Rossiter purchase and install a 79-kW solar array. Kurt Rossiter operates a family-owned corn, soybean, and livestock farm in Louisa County. This project will realize \$15,417 per year in savings and will generate and replace 119,518 kWh (115 percent) per year, which is enough electricity to power 11 homes.
IA	Joni Ernst Charles Grassley	Randy Feenstra (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hawkeye Ag LLP		\$20,000	This Rural Development investment will be used to help Hawkeye AG LLP install a 57 kW solar array. Hawkeye AG LLP is a hog producer in Mallard, Iowa. This project is expected to save \$10,609 per year. It will replace 51,605 kilowatt hours (kWh), which is 100 percent of the farm's energy usage per year.



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IA	Joni Ernst Charles Grassley	Mariannette Miller-Meecks (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	JDSF Farms LLC		\$20,000	This Rural Development investment will be used to help JDSF Farms LLC install a 132 kW solar array. JDSF Farms LLC is a lessor of real estate in Ainsworth, Iowa. This project is expected to save \$25,209 per year. It will replace 167,051 kilowatt hours (kWh) (97 percent of the business energy usage) per year, which is enough energy to power 15 homes.
ID	Mike Crapo James Risch	Russ Fulcher (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bootleg Inc.		\$20,000	This Rural Development investment will be used to help purchase and install a combination Solar Thermal/Electric system on their newly constructed shop. Bootleg Inc. is a family-owned small arms business located in Ada County, Idaho. This project aims to reduce climate pollution and increase resilience to the impacts of climate change through economic support to rural communities and advance energy security by boosting production of energy from natural gas, oil coal, nuclear, and/or renewables. This project will save the business \$8,000 and will generate 100,000 kWh per year.
ID	Mike Crapo James Risch	Russ Fulcher (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Craig L. Wheeler		\$12,945	This Rural Development investment will be used to purchase and install a ground mounted 27.3 kWh solar electric system. Craigsides Downs LLC is a small family-owned hay producing business located in Ada County, Idaho. This project aims to reduce climate pollution and increase resilience to the impacts of climate change through economic support to rural communities and advance energy security by boosting production of energy from natural gas, oil coal, nuclear, and/or renewables. The business will save \$4,173 annually and replace 39,000 kWh (100%) per year.
ID	Mike Crapo James Risch	Russ Fulcher (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	KM Farms		\$20,000	This Rural Development investment will be used to help KM Farms purchase and install a combination Solar Thermal/Electric system on their newly constructed shop. KM Farms is a family-owned small row crops farm located in Canyon County, Idaho. This project aims to reduce climate pollution and increase resilience to the impacts of climate change through economic support to rural communities and advance energy security by boosting production of energy from natural gas, oil coal, nuclear, and/or renewables. This project will save the business \$8,000 and will generate 80,000 kWh per year.



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ID	Mike Crapo James Risch	Russ Fulcher (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	The Farm LLC		\$20,000	This Rural Development investment will be used to help farmers, ranchers, and rural small businesses develop renewable energy systems, and make energy-efficiency improvements to their operations. The Farm LLC is a family-owned Vegetable & Melon farm located in Payette County, Idaho. Project funds will be used to purchase and install a combination Solar Thermal/Electric system on their newly constructed shop. This project meets the Agency's Key Priorities of reducing climate pollution and increasing resilience to the impacts of climate change through economic support to rural communities and advances energy security by boosting production of energy from natural gas, oil coal, nuclear, and/or renewables. This project will save the business \$13,333 and will generate 133,333 kWh per year.
ID	Mike Crapo James Risch	Mike Simpson (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Peter Boerma		\$19,195	This Rural Development investment will be used to help farmers, ranchers, and rural small businesses develop renewable energy systems, and make energy-efficiency improvements to their operations. Peter Boerma is an individually owned electric generation business located in Teton County, Idaho. Project funds will be used to purchase and install an 11 kW & 14 kW system on farmers buildings to produce energy. This project meets the Agency's Key Priorities of reducing climate pollution and increasing resilience to the impacts of climate change through economic support to rural communities and advances energy security by boosting production of energy from natural gas, oil coal, nuclear, and/or renewables. This project will save the business \$3,125 and will generate 31,752 kWh per year.
IN	Mike Braun Todd Young	Jim Baird (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Peak3 Pork Farms LLP		\$14,283	This Rural Development investment will be used to help rural business Peak3 Pork purchase and install a 127-kilowatt solar array. This project will save the business \$16,569 per year in energy costs and will generate 174,178 kilowatt hours, which is enough electricity to power 13 homes.
IN	Mike Braun Todd Young	Victoria Spartz (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Sherlin Endicott		\$15,500	This Rural Development investment will be used to help family farmer Sherlin Endicott purchase a new electric irrigation motor and pump. The equipment will be connected to the utility via existing connections and require no net metering or power purchase agreements. This project is estimated to reduce energy consumption by 88.8 percent and save the business \$1,900 in energy costs a year.
IN	Mike Braun Todd Young	Jim Baird (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	B & B Farms Of Pittsboro Inc.		\$31,110	This Rural Development investment will be used to help B & B Farms of Pittsboro purchase and install a grain dryer. The recipient is a family grain producer located in Hendricks County. This project will save the farm \$12,440 per year in energy costs and will generate enough energy equivalent to powering six homes.



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IN	Mike Braun Todd Young	Jim Banks (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jal Poultry & Swine Farms LLC		\$20,000	This Rural Development investment will be used to family farmer JAL Poultry and Swine purchase and install a 19-kilowatt solar array. This project will save the producer \$3,842 per year in energy costs and will replace 25,849 kilowatt hours of electricity per year.
IN	Mike Braun Todd Young	Vacant (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Warsaw Automotive Supply Corp.		\$17,069	This Rural Development investment will be used to help auto parts business, Warsaw Automotive Supply, purchase and install a 36-kilowatt solar array. This project will save the business \$8,267 in energy costs per year and will replace 46,931 kilowatt hours of electricity per year.
IN	Mike Braun Todd Young	Jim Banks (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Perspective 361 LLC dba Cable Bullet		\$12,122	This Rural Development investment will be used to help Perspective 361 LLC dba Cable Bullet purchase and install a 24-kilowatt renewable energy system. This project will help Cable Bullet, a cable rail system manufacturer, reduce dependency on the grid. This system will generate 31,073 kilowatt hours of electricity per year.
IN	Mike Braun Todd Young	Jim Banks (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Alvin J. Beechy		\$20,000	This Rural Development investment will be used to help organic milk and egg producer Alvin Beech purchase and install a 38.3-kilowatt solar array. The array will be connected to a battery backup energy storage system to ensure the business never loses power. This project will save the business \$12,324 per year in energy costs and will replace 56,000 kilowatt hours of electricity per year.
IN	Mike Braun Todd Young	Vacant (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	HJR Farms Inc.		\$9,068	This Rural Development investment will be used to help family farmer HJR Farms, Inc. install a more energy-efficient irrigation system. The new system is expected to save the company \$1,037 in electrical costs per year.
IN	Mike Braun Todd Young	Vacant (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Janice Pilarski		\$13,450	This Rural Development investment will be used to assist Janice Pilarski purchase and install a 20-kilowatt solar array. Janice Pilarski is a fish farm and green house owner in St. Joseph County. This project will save the business \$3,704 per year in energy costs and will replace 29,737 kilowatt hours of electricity per year.
IN	Mike Braun Todd Young	Jim Banks (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Dry Dock Marine Center Inc.		\$25,000	This Rural Development investment will be used to assist Dry Dock Marine Center Inc. purchase and install a 50.8-kilowatt solar array. The recipient is a boat sales business located in Steuben County. This project will save the business \$10,762 per year in energy costs and will replace 74,500 kilowatt hours per year, which is enough electricity to power six homes.





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IN	Mike Braun Todd Young	Victoria Spartz (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Triple S Smith Farms Inc.		\$20,000	This Rural Development investment will be used to help Triple S Smith Farms Inc purchase and install a 44-kilowatt solar array. The recipient is a grain and tomato producer located in Tipton County. This project will save the agricultural producer \$7,900 per year in energy costs and will replace 60,834 kilowatt hours of electricity per year.
KS	Roger Marshall Jerry Moran	Jake LaTurner (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	The Marmaton Market Inc.		\$2,157	This Rural Development investment will help replace a furnace and air conditioner. Marmaton Market Inc. is a grocery store located in Moran. The HVAC replacement project is estimated to save 9,144 kWh of electricity and 6.9 MCF of natural gas. This equates to 20.4 percent of their energy usage.
KS	Roger Marshall Jerry Moran	Jake LaTurner (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	MWI LLC		\$10,187	This Rural Development investment will help install a 22.27 kWh rooftop solar photovoltaic system. MWI, LLC is an agriculture irrigation supply company in Hiawatha. This project will realize \$3,503.27 per year in savings and generate 31,070 kWh, 88.69 percent of annual usage, enough to power more than 2.5 homes. MWI, LLC currently has 10 employees.
KS	Roger Marshall Jerry Moran	Ron Estes (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Butler Ranch Operations LLC		\$6,314	This Rural Development investment will help Butler Ranch Operation, LLC, purchase and install a 9 kW rooftop mounted solar array. Butler Ranch Operation is a property rental business based in Andover. The project is estimated to replace 9,805 kWh per year. Butler Ranch Operation, LLC, currently has one employee.
KS	Roger Marshall Jerry Moran	Ron Estes (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Russell Entz Inc.		\$3,871	This Rural Development investment will help purchase and install a 10.1 kW rooftop mounted solar array. Russell Entz, Inc. is an agricultural producer in Whitewater. The project is estimated to generate 8,273 kWh per year. Russell Entz, Inc. currently has one employee.
KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Dawn Seifert		\$2,689	This Rural Development investment will help purchase and install lighting and windows at Seifert Jewelry in Clyde. The project is estimated to save 10,632 kWh per year. This equates to 16.08 percent of their annual energy usage and is enough energy to power one home. Seifert Jewelry currently has three employees.
KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	James C. Tobald		\$5,650	This Rural Development investment will help purchase and install a 5 kW rooftop mounted solar array. James Tobald is an agricultural producer in Glasco. The project is estimated to generate 10,112 kWh per year enough to power one home. James Tobald currently has two employees.



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KS	Roger Marshall Jerry Moran	Ron Estes (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Patty S. Meier		\$5,957	This Rural Development investment will help purchase and install a 9.2 kW rooftop mounted solar array at Mojo's Coffee Bar, a coffee shop and bakery in Newton. The project is estimated to generate 12,453 kWh per year, enough energy to power one home.
KS	Roger Marshall Jerry Moran	Ron Estes (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Graber Accounting LLC		\$9,299	This Rural Development investment will help Graber Accounting, LLC, purchase and install a 22 kW rooftop mounted solar array. Graber Accounting is a tax preparation service based out of Newton. The project is estimated to replace 29,630 kWh per year, enough energy to power two homes. Graber Accounting currently has six employees.
KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Daniel Fricke		\$11,092	This Rural Development investment will help purchase and install an 18 kW rooftop mounted solar array at Dan's RV Park, LLC, in Lindsborg. The project is estimated to replace 25,974 kWh per year, enough energy to power two homes. Dan's RV Park, LLC, currently has one employee.
KS	Roger Marshall Jerry Moran	Jake LaTurner (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Dave Slyter		\$16,250	This Rural Development investment will help Dave Slyter purchase and install a new wind turbine on an existing tower. Dave Slyter is a real estate manager and cattle operator in Paola. The turbine is expected to produce 38,269 kWh per year. This equates to 126.69 percent of their energy usage and is enough electricity to power three homes. Dave Slyter currently has three employees.
KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	CEO Planning LLC		\$11,610	This Rural Development investment will help purchase and install a 24.6 kW rooftop mounted solar array. EO Planning, LLC, is a real estate development company in Beloit. The project is estimated to replace 34,190 kWh per year, enough energy to power three homes. CEO Planning, LLC, currently has four employees.
KS	Roger Marshall Jerry Moran	Ron Estes (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ned G. Bergkamp		\$9,061	This Rural Development investment will help Ned Bergkamp purchase and install a 16 kW rooftop mounted solar array. Ned Bergkamp is an agricultural producer based out of Cheney. The project is estimated to replace 21.932 kWh per year, enough energy to power two homes. Ned Bergkamp currently has one employee.
KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	324 Investments LLC		\$6,912	This Rural Development investment will help purchase and install a new HVAC system. 324 Investments, LLC, is a property management company in Alma. The project is estimated to save 7,318 kWh per year. This equates to 29.45 percent of their energy usage. 324 Investments, LLC, currently has one employee.



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KS	Roger Marshall Jerry Moran	Tracey Mann (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Simons Farms Inc.		\$8,605	This Rural Development investment will help Simons Farms, Inc. purchase and install a 15 KW Bergey wind turbine. Simons Farms, Inc. is an agricultural producer in Wichita County. This project will realize \$2,818 per year in savings and will replace 28,155 kWh, which is enough electricity to power two homes.
KY	Mitch McConnell Rand Paul	Andy Barr (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Denali Stud Inc.		\$6,530	This Rural Development investment will be used for the purchase and installation of a 12.9-kilowatt (kW) solar system. This project is expected to save \$1,334 per year in energy generation and will replace 15,514 kilowatt hours (kWh), which is enough electricity to power 1.4 homes.
KY	Mitch McConnell Rand Paul	Brett Guthrie (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Barr Farms Organic Produce LLC		\$4,559	This Rural Development investment will be used to make energy efficiency improvements by replacing 15 chest freezers with a 12x12 walk-in freezer and upgrading a 12x12 air-conditioned uninsulated room with a 14x18 walk-in cooler. This project will realize \$515.07 per year in savings and will save 6,550 kilowatt hours (kWh) (14.54percent) per year, which is enough electricity to power .6 homes.
KY	Mitch McConnell Rand Paul	Andy Barr (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Parkside Hotels LLC		\$13,972	This Rural Development investment will be used to replace the current water heating system with an energy efficient tankless system at a hotel located in Franklin County. This project will realize \$1,712.73 per year in savings and will save 67,621 kilowatt hours (kWh) (22.75 percent) per year, which is enough electricity to power 6.2 homes.
KY	Mitch McConnell Rand Paul	Andy Barr (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	MLRD Inc.		\$19,367	This Rural Development investment will be used to replace a water heating system with an energy efficient tankless system at a business located in Franklin County. This project will realize \$1,686.90 per year in savings and will save 66,545 kilowatt hours (kWh) (22.75 percent) per year, which is enough electricity to power 6.1 homes.
KY	Mitch McConnell Rand Paul	Thomas Massie (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Print My Threads LLC		\$18,003	This Rural Development investment will be used to purchase and install an exterior insulation finish system and doors at a business in Greenup County. This project will realize \$206.32 per year in savings and will save 848 kilowatt hours (kWh) (13.18 percent) per year, which is enough electricity to power .07 homes.
KY	Mitch McConnell Rand Paul	Thomas Massie (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Print My Threads LLC		\$13,808	This Rural Development investment will be used to help Print My Threads LLC purchase and install a 19.4-kW photovoltaic array system. Print My Threads is a cloth printing shop located in Greenup County, Kentucky. This project will realize \$2,269 per year in energy generation and will replace 22,579 kWh, which is enough electricity to power two homes.



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KY	Mitch McConnell Rand Paul	Brett Guthrie (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kentucky Heart & Vascular Specialists		\$20,000	This Rural Development investment will be used to help purchase and install a 25 kilowatt (kW) solar system. This project will realize \$3,899.95 per year in energy generation and will replace 33,857 kilowatt hours (kWh), which is enough electricity to power 3.1 homes.
KY	Mitch McConnell Rand Paul	Andy Barr (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mark Tanaka		\$6,097	This Rural Development investment will be used to help an egg-laying operation in Jessamine County purchase and install a 15.58 kilowatt (kW) photovoltaic array system. This project will realize \$829.92 per year in savings and will replace 10,374 kilowatt hours (kWh), which is enough electricity to power one home.
KY	Mitch McConnell Rand Paul	Brett Guthrie (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Laugh N Learn		\$15,500	This Rural Development investment will be used to purchase and install a roof mounted 32.4-kW solar system. This project will realize \$4,404.73 per year in energy generation and will replace 38,740 kWh, which is enough electricity to power 3.5 homes.
KY	Mitch McConnell Rand Paul	Brett Guthrie (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Lee's Plant Farm Inc.		\$20,000	This Rural Development investment will be used to help a farming and nursery operation in Laure County purchase and install a 51.2-kilowatt (kW) photovoltaic array system. This project will realize \$5,358.71 per year in savings and will replace 66,157 kilowatt hours (kWh), which is enough electricity to power six homes.
KY	Mitch McConnell Rand Paul	Harold Rogers (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Appharvest Pulaski Farm LLC	\$25,000,000		This Rural Development investment will be used to purchase energy efficiency equipment to reduce energy costs at the AppHarvest Pulaski Farm LLC 30-acre hydroponic greenhouse. This project is expected to save 69,420,750 kilowatt hours of electricity per year, which is enough energy to power 6,399 homes.
LA	Bill Cassidy John Kennedy	Clay Higgins (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	JohnPac LLC		\$15,201	This Rural Development investment will be used to help Johnpac LLC install LED lighting. Johnpac LLC is a manufacturing company in Crowley, Louisiana.. This project is expected to save \$25,704 per year. It will save 114,516 kilowatt hours (kWh) (47 percent of the company's energy use) per year, which is enough energy to power 11 homes.
LA	Bill Cassidy John Kennedy	Julia Letlow (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Uno Investments Group Inc.		\$48,750	This Rural Development investment will be used to help UNO Investment Group, a convenient store in Mansura, Louisiana, purchase a solar panel system. This project is expected to save \$5,728 per year and replace 208,249 kilowatt hours (kWh) annually (170 percent of the company's energy use), which is enough energy to power 19 homes.



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LA	Bill Cassidy John Kennedy	Clay Higgins (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Glen Hetzel		\$46,408	This Rural Development investment will be used to help Glen Hetzel, a row crop farmer operation in Jennings, Louisiana, install a new grain drying system. This project is expected to save \$7,071 per year. It will replace 40,547 kilowatt hours (kWh) (12 percent of the company's energy use), per year, which is enough energy to power four homes.
LA	Bill Cassidy John Kennedy	Steve Scalise (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Burregi Inc. Galliano Food Store		\$49,875	This Rural Development investment will be used to help Galliano Supermarket install a cool roof coating. Galliano Supermarket is a grocery store in Galliano, Louisiana. This project is expected to save \$13,860 per year. It will replace 138,600 kilowatt hours (kWh) (14 percent of the company's energy use) per year, which is enough energy to power 13 homes.
LA	Bill Cassidy John Kennedy	Garret Graves (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	BBB Supermarket LLC		\$20,000	This Rural Development investment will be used to help BBB Supermarket, a grocery store in Albany, Louisiana, with the installation of cool roof coating. This project is expected to save \$25,205 per year. It will replace 147,744 kilowatt hours (kWh) (12 percent of the company's energy use) per year, which is enough energy to power 14 homes.
LA	Bill Cassidy John Kennedy	Julia Letlow (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jubilee Justice Inc.		\$42,108	This Rural Development investment will be used to help Jubilee Justice purchase a solar rice mill. Jubilee Justice is a rice farmer in Alexandria, Louisiana. This project is expected to save \$4,868 per year. It will replace 60,079 kilowatt hours (kWh) (90 percent of the company's energy use) per year, which is enough energy to power six homes.
LA	Bill Cassidy John Kennedy	Troy Carter (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Longview Enterprises Inc.		\$42,804	This Rural Development investment will be used to help Longview Enterprises install a cool roof coating. Longview Enterprises is a grocery store located in Paulina, Louisiana. This project is expected to save \$8,324 per year. It will replace 83,236 kilowatt hours (kWh) (11 percent of the company's energy use) per year, which is enough energy to power eight homes.
LA	Bill Cassidy John Kennedy	Garret Graves (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Southland Dodge Chrysler Jeep LLC		\$260,857	This Rural Development investment will be used to help Southland Dodge, Chrysler, Jeep purchase a solar panel system. The car dealership is located in Houma, Louisiana. This project is expected to save \$78,721 per year. It will replace 354,103 kilowatt hours (kWh) (41 percent of the company's energy use) per year, which is enough energy to power 33 homes.



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MA	Ed Markey Elizabeth Warren	James McGovern (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Benjamin Wells-Tolley		\$19,250	This Rural Development investment will be used to purchase renewable energy systems and make energy-efficiency improvements to their operations. Chase Hill Farm is family owned and specializes in organic grass fed dairy, beef, pork and chicken. Project funds will be used for the purchase and installation of a 12.6-kW solar array which will be connected to a battery backup energy storage system to ensure the farm never loses power. This project will realize \$1,200 per year in savings and will replace 16,187 kWh per year, which is enough electricity to power one home.
MA	Ed Markey Elizabeth Warren	William Keating (09)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kimberly Farms Corporation		\$11,250	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Kimberly Farms consists of 14 acres of cranberry bogs. Project funds will be used for the purchase and installation of a 15.48-kW solar array. This project will realize \$2,847 per year in savings and will replace 17,908 kWh (235 percent) per year.
MA	Ed Markey Elizabeth Warren	Lori Trahan (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Vinyl Technologies Inc.		\$18,110	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Vinyl Technologies has been designing, building, and selling industrial laser equipment for over 30 years and is located in Fitchburg, Massachusetts. Project funds will be used to make energy efficiency improvements with the purchase and installation of LED lighting. This project will realize \$13,493 per year in savings and will replace 75,381 kWh (57 percent) per year, which is enough electricity to power six homes.
MD	Benjamin Cardin Chris Van Hollen	David Trone (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ski Services Unlimited Inc.		\$20,000	This Rural Development Investment will be used to help Ski Services Unlimited LLC. purchase and install a 34 kilowatt (kW) roof mounted solar system for High Mountain Sports. High Mountain Sports is a retail business in Oakland, Maryland. The new system is expected to save the business \$3,601 in electrical costs per year.
ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Re Sidney Solar LLC	\$3,925,000		This Rural Development investment will be used to provide permanent financing to RE Sidney Solar LLC to build a 2.58 MW ground-mounted solar facility located in Sidney, Maine. The project has interconnection and net energy billing agreements in place with Central Maine Power Company. It is expected to produce 3,259,080 kilowatt hours (kWh) of electricity in the first full year of operation, and will create three jobs at an average of \$30/hour.



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ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Camp Winnebago Inc.		\$20,000	This Rural Development investment will be used to provide financing to Camp Winnebago Inc. to build a 37.35 kilowatt, roof-mount solar photovoltaic array. Camp Winnebago Inc. is a youth boys camp located in Fayette, Kennebec County, Maine. This project is expected to save \$4,381 per year. It will replace 43,240 kilowatt hours (93 percent of the camps energy use) per year, which is enough energy to power 6 homes.
ME	Susan Collins Angus King	Chellie Pingree (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	JCOM Corporation		\$14,557	This Rural Development investment will be used to help Jcom Corporation, a computer repair business located in Rockland, in Knox County, Maine, install a new 17.6- kilowatt (kW), roof mount solar photovoltaic system. This project is expected to save \$2,500 per year. It will generate 17,340 kilowatt hours (kWh) (81 percent of the business energy use) per year, which is enough energy to power 2.4 homes.
ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Troika Drafts		\$2,584	This Rural Development investment will be used to provide financing to Troika Drafts, a horse farm and stable located in Hebron, Oxford County, Maine to build a 9.6-kilowatt (KW), roof-mount solar photovoltaic array. This project is expected to save \$810 per year. It is estimated to generate 12,003 kilowatt hours (kWh) (100+ percent of the farms energy use) per year, which is enough energy to power 1.1 homes.
ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hermon Solar LLC	\$12,626,000		This Rural Development investment will be used to provide permanent financing to Hermon Solar LLC to build a 6.3-megawatt, ground-mounted solar facility located in Hermon, Maine. The project has interconnection and net energy billing agreements in place with Central Maine Power Company and is expected to produce 8,342,000 kilowatt-hours (kWh) of electricity in the first full year of operation, and will create three jobs at an average of \$30/hour.
ME	Susan Collins Angus King	Chellie Pingree (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	TMDE Calibration Labs Inc.		\$13,103	This Rural Development investment will be used to help TMDE Calibration Labs Inc. install a new 20.16-kilowatt, roof mount solar photovoltaic system. TMDE Calibration Labs Inc. is located in Richmond, Sagadahoc County, Maine. The system will generate 44,810 kilowatt hours (100+ percent of the business energy use) per year, which is enough energy to power 3.8 homes. The array will provide an uninterrupted power supply for the business and offer true measurement of power for sensitive uses of equipment. The project meets the criteria listed in the Maine REAP FY22 State Director Points memo by helping achieve geographic diversity for renewable energy systems projects located along Maine's Coastline.



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ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Somerset Solar LLC	\$11,695,000		This Rural Development investment will be used to provide permanent financing to Somerset Solar LLC to build a 6.8-megawatt, ground-mounted solar facility located in Pittsfield, Maine. The project has interconnection and net energy billing agreements in place with Central Maine Power Company and is expected to produce 8,856,000 kilowatt-hours (kWh) of electricity in the first full year of operation. It will create three jobs at an average of \$30/hour. This project is in a mapped equity area.
ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Curtis Air		\$18,321	This Rural Development investment will be used to help Curtis Air, a family run aircraft repair facility, located in Pittsfield, Somerset County, Maine, install a new 36- kilowatt (kW), roof mount solar photovoltaic system. This project is expected to save \$4,538 per year. It will generate 44,810 kilowatt hours (kWh) (100+ percent of the business energy use) per year, which is enough energy to power 6.2 homes.
ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Balfour Farm LLC		\$20,000	This Rural Development investment will be used to help Balfour Farm LLC, an off-grid organic dairy farm and cheese maker located in Pittsfield, in Somerset County, Maine, install a new 16.06- kilowatt solar photovoltaic system. This project is expected to save \$7,950 per year. It will replace 19,008 kilowatt hours (62 percent of the farm energy use) per year, which is enough energy to power 2.6 homes.
ME	Susan Collins Angus King	Jared Golden (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Catherine Durkin		\$7,250	This Rural Development investment will be used to help Catherine Durkin, owner of Calyx Farm an organic vegetable farm located in Morrill, Waldo County, Maine, install a new 10.56-kilowatt (kW), roof mount solar photovoltaic system. This project is expected to save \$2,119 per year. It will generate 16,820 kilowatt hours (kWh) (76 percent of the farm energy use) per year, which is enough energy to power 1.8 homes.
ME	Susan Collins Angus King	Chellie Pingree (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Timber Ridge Farm		\$17,430	This Rural Development investment will be used to help Timber Ridge Farm install a new 25.92-kilowattm, roof-mount solar photovoltaic system. Timber Ridge Farm is a horse and dog training and boarding facility located in Saco, York County, Maine, This project is expected to save \$2,211 per year. It will generate 31,665 kilowatt hours (100+ percent of the business energy use) per year, which is enough energy to power 4.4 homes. The project meets the criteria listed in the Maine REAP FY22 State Director Points memo by helping achieve geographic diversity for renewable energy systems projects located along Maine's Coastline.





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MI	Gary Peters Debbie Stabenow	Fred Upton (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Dominion Bros. Inc.		\$20,000	This Rural Development investment will be used to help an agricultural producer purchase and install a 25.74 kW solar PV system. Dominion Bros. Inc. is a fruit and vegetable farm that has been operating over 45 years. This project will realize \$4,764 per year in savings, and will replace 33,466 kWh (100 percent) per year, which is enough energy to power 3 homes. Project payback is 18 years.
MI	Gary Peters Debbie Stabenow	Tim Walberg (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Tom Hughes		\$12,347	This Rural Development investment will be used to help a Agricultural producer purchase and install a 27.8 kW solar PV system. Tom Hughes is a sole proprietor livestock farm that has been operating over 40 years. This project will realize \$5,290 per year in savings, and will replace 36,002 kWh (100 percent) per year, which is enough energy to power 3 homes. Project payback is 10 years.
MI	Gary Peters Debbie Stabenow	Peter Meijer (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	David Komasara		\$10,357	This Rural Development investment will be used to help a rural small business purchase and install a 17.16 kW solar PV system to. David Komasara is a sole proprietor farm that produces hops, honey, and eggs. This project will realize \$2,505 per year in savings, and will replace 21,460 kWh (100 percent) per year making the business energy self sufficient. Project payback is 17 years.
MI	Gary Peters Debbie Stabenow	Fred Upton (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mckenzie Highlands LLC		\$20,000	This Rural Development investment will be used to help an agricultural producer purchase and install a 15.60 kW and 25.74 kW solar PV systems. McKenzie Highlands LLC is a livestock and grain farm in Southwest Michigan. This project will realize \$5,591 per year in savings, and will replace 52,254 (99 percent) per year, which is enough energy to power 4 homes. Project payback is 25 years.
MI	Gary Peters Debbie Stabenow	Jack Bergman (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ross Corporation		\$11,650	This Rural Development investment will be used to help a rural small business purchase and install a 27 KW roof mount solar PV system. Ross Corporation is an auto repair shop that has been operating 32 years. This project will realize \$3,180 per year in savings, and will replace 29,779 (36 percent) per year. Project payback is 15 years.
MI	Gary Peters Debbie Stabenow	Elissa Slotkin (08)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Thomas Butcher		\$9,371	This Rural Development investment will be used to help Thomas Butcher purchase and install a 14.82 KW solar PV system. Thomas Butcher is a sole proprietor vegetable farmer that has been operating over 30 years. This project will realize \$2,354 per year in savings, and will replace 19,455 kWh per year. Project payback is 16 years.
MI	Gary Peters Debbie Stabenow	Tim Walberg (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Golden Acre Farms		\$18,750	This Rural Development investment will be used to help an Agricultural producer purchase and install a 25.28 KW solar PV system. Golden Acre Farms is a grain farm partnership that has been in operation over 45 years. This project will realize \$4,526 per year in savings, and will replace 34,052 kWh (50 percent) per year. Project payback is 17 years.



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MI	Gary Peters Debbie Stabenow	Tim Walberg (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Masserant Farms LLC		\$19,756	This Rural Development investment will be used to help Masserant Farms LLC purchase and install three 10.14 kW solar PV systems. Masserant Farms LLC is a single member entity that is a grain farmer in Southeast Michigan. This project will realize \$3,739 per year in a combined savings and income, and will generate 39,911 kWh per year, which is enough energy to power 3 homes. Project payback is 22 years.
MI	Gary Peters Debbie Stabenow	Bill Huizenga (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Harris Knudson		\$6,541	This Rural Development investment will be used to help a rural small business purchase and install a 14 KW solar PV system. Harris Knudson is a sole proprietor lessor of real estate property and a fruit and grain farmer. This project will realize \$2,710 per year in savings, and will replace 17,397 kWh (100 percent) per year. Project payback is 10 years.
MI	Gary Peters Debbie Stabenow	Bill Huizenga (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Fritz Manufacturing Company		\$9,647	This Rural Development investment will be used to help a rural small business purchase and install a 12.48 kW roof mounted solar PV system. Fritz Manufacturing Company is a 26 year old business that repairs and manufactures parts for refrigeration units. This project will realize \$2,079 per year in savings, and will replace 13,841 kWh (100 percent) to make the business energy self sufficient. Project payback is 19 years.
MI	Gary Peters Debbie Stabenow	John Moolenaar (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Shasam Drugs PC		\$20,000	This Rural Development investment will be used to help a rural small business purchase and install a 69.2 KW roof mounted solar PV system. Shasam Drugs PC is a minority owned pharmacy that has been in operation for 8 years. This project will realize \$11,149 per year in savings, and will replace 77,692 kWh (76 percent) per year, which is enough energy to power 7 homes. Project payback is 15 years.
MI	Gary Peters Debbie Stabenow	Lisa McClain (10)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bernia Family Farms Inc.		\$20,000	This Rural Development investment will be used to help an agricultural producer purchase and install a grain dryer replacement system. Bernia Family Farms Inc. is a family owned grain farm that has been operating for 40 years. This project will realize \$9,593 per year in savings, and will save 311,489 kWh (63 percent) per year in grain drying, which is enough energy to power 28 homes. Project payback is 32 years.
MI	Gary Peters Debbie Stabenow	Tim Walberg (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mindo Chocolate Makers LLC		\$18,562	This Rural Development investment will be used for the purchase and installation of a 38.13 roof mounted solar PV system to help a rural small business. Mindo Chocolate Makers LLC is a female owned and operated business that has been operating for 13 years in making hand-crafted chocolates. This project will realize \$7,020 per year in savings, and will replace 43,005 kilowatt hours (kWh) (94 percent) per year, which is enough energy to power four homes. Project payback is 12 years.



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MO	Roy Blunt Josh Hawley	Sam Graves (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Eddie Stone		\$11,250	This Rural Development investment will be used to install a 15 kW solar array for Eddie Stone, an agricultural grain producer in Laddonia, Missouri. This project is expected to save \$1,835 per year. It will replace 16,760 kilowatt hours (kWh) (100 percent of the farm's energy use) per year.
MO	Roy Blunt Josh Hawley	Vicky Hartzler (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mommens Heating And Cooling LLC		\$6,924	This Rural Development investment will be used to install a 10 kW solar array. Mommens Heating and Cooling LLC is a heating and air installation service provider in Mexico, Missouri. This project is expected to save \$941 per year. It will replace 13,542 kilowatt hours (kWh) (80 percent of the company's energy use) per year.
MO	Roy Blunt Josh Hawley	Vicky Hartzler (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Summers Pharmacy Inc.		\$20,000	This Rural Development investment will be used to help Summers Pharmacy, Inc. install a 36.86 kW and a 17 kW solar array to their Clinton and Butler, Missouri business locations. This project is expected to save \$6,407 per year. It will replace 69,645 kilowatt hours (kWh) (98 percent of the company's energy use) per year, which is enough energy to power six homes.
MO	Roy Blunt Josh Hawley	Sam Graves (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Clifford Thornburg Attorney At Law		\$5,910	This Rural Development investment will be used to help Clifford Thornburg Esq. install a 5.94 kW solar array system. This project is expected to save \$1,350 per year. It will replace 8,545 kilowatt hours (kWh) (86 percent of the company's energy use) per year.
MO	Roy Blunt Josh Hawley	Billy Long (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Venue On Brick LLC		\$11,500	This Rural Development investment will be used to help Venue On Brick LLC install a 30.78 kW solar array. Venue On Brick LLC is a wedding and venue event business in Ozark, Missouri. This project is expected to save \$5,572 per year. It will replace 40,314 kilowatt hours (kWh) (100 percent of the business's energy use) per year.
MO	Roy Blunt Josh Hawley	Billy Long (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Plaza Southwest LLC		\$19,999	This Rural Development investment will be used to purchase and install a 47.62 kW solar array system. Plaza Southwest LLC is a commercial rental business located in Republic, Missouri. This project is expected to save \$9,091 per year. It will replace 73,318 kilowatt hours (kWh) (86 percent of the company's energy use) per year, which is enough energy to power six homes.
MO	Roy Blunt Josh Hawley	Billy Long (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Fink Enterprises Inc.		\$20,000	This Rural Development investment will be used to help Fink Enterprises Inc., a commercial warehouse, install an 89.68 kW solar array system. The project will save about \$19,047 per year. It will replace 131,862 kilowatt hours (kWh) (100 percent of the company's energy use) per year, which is enough energy to power 12 homes.



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MO	Roy Blunt Josh Hawley	Sam Graves (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Brookfield Tractor		\$20,000	This Rural Development investment will be used to install a 62.5 kW solar array. Brookfield Tractor is a farm implement retail business in Brookfield, Missouri. This project is expected to save \$8,885 per year. It will replace 116,799 kilowatt hours (kWh) (100 percent of the company's energy use) per year, which is enough electricity to power 10 homes.
MO	Roy Blunt Josh Hawley	Sam Graves (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Best Broadcasting Inc.		\$9,720	This Rural Development investment will be used to install a 19.4 kW solar array. Best Broadcasting Inc. is a radio station (KFMZ/KZBK) in Brookfield, Missouri. This project is expected to save \$1,742 per year. It will replace 25,297 kilowatt hours (kWh) (89 percent of the business's energy use) per year.
MO	Roy Blunt Josh Hawley	Sam Graves (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Macon Coca-Cola Bottling Company		\$20,000	This Rural Development investment will be used to install a 46.98 kilowatt solar array system. Macon Coca-Cola Bottling Company is a soft drink bottling business in Macon, Missouri. This project is expected to save \$6,121 per year. It will replace 71,831 kilowatt hours (kWh) (100 percent of the company's energy use) per year, which is enough electricity to power six homes.
MO	Roy Blunt Josh Hawley	Sam Graves (06), Vicky Hartzler (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bowling Green C & R Inc.		\$20,000	This Rural Development investment will be used to install a 300 kilowatt solar array system. Bowling Green C&R Inc. is a grocery store in Fayette, Missouri. This project is expected to save \$32,219 per year. It will replace 392,911 kilowatt hours (kWh) (34 percent of the company's energy use) per year, which is enough electricity to power 36 homes.
MO	Roy Blunt Josh Hawley	Billy Long (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Glass Pro LLC		\$14,062	This Rural Development investment will be used to help Glass Pro LLC install a 25 kilowatt solar array system. Glass Pro LLC is a commercial glass replacement and sales business in Branson, Missouri. This project is expected to save \$4,271 per year. It will replace 30,949 kilowatts (kWh) (84 percent of the company's energy use) per year.
MO	Roy Blunt Josh Hawley	Billy Long (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Oceanic Creative LLC		\$18,720	This Rural Development investment will be used to help Oceanic Creative LLC install a 25.6 kilowatt solar array system. Oceanic Creative LLC is a small vacation rental and wedding venue in Reeds Spring, Missouri. This project is expected to save \$3,152 per year. It will replace 34,807 kilowatts (kWh) (100 percent of the company's energy use) per year.



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MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Christopher Dickerson		\$15,681	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Specifically, these funds will assist with installing energy efficiency of the buildings' controllers, lighting, and ventilation systems to Chris Dickerson's four poultry broiler grower houses located in Summit, Mississippi. The project will realize \$8,632.00 per year in savings, a 21.53 percent reduction from energy consumption of the 12-month period. Additionally, this project will save 58,717 kilowatt (kwh) hours of electricity and 2,076 gallons of propane, which is enough energy to power five homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements in their operations.
MS	Cindy Hyde-Smith Roger Wicker	Trent Kelly (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Little Lakes Catfish Farm LLC		\$29,175	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Specifically, these funds will assist with installing energy efficiency improvements to Little Lakes Catfish Farm LLC sixteen catfish production ponds. Project funds will be used to install an automated oxygen monitoring system in each of the 16 ponds. This includes a dissolved oxygen monitoring buoy and aerator controllers. The project will realize \$30,339.00 per year in savings, a 40.08 percent reduction from energy consumption of the 12-month period. Additionally, this project will save 248,000 kilowatt (kwh) hours of electricity and 2,640 gallons of diesel, which is enough energy to power twenty-two homes.
MS	Cindy Hyde-Smith Roger Wicker	Bennie Thompson (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Massey Planting Company		\$70,199	This Rural Development investment will be used to assist Massey Planting Company install a grain dryer. The project will realize \$10,441.57 per year in savings, a 64.07% reduction from energy consumption within a 12-month period prior to grant application. Additionally, this project will save 21,943 kilowatt (kwh) hours of electricity, which is enough energy to power two homes.
MS	Cindy Hyde-Smith Roger Wicker	Steven Palazzo (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Revival Property 109 LLC		\$24,193	This Rural Development investment will be used to install a large ground-mounted photovoltaic solar system, which converts sunlight directly into electricity. Revival Property 109 LLC is a boutique retreat located in Petal, Mississippi. The project will generate \$6,475.00 in energy. This project will replace 64,750 kilowatt hours (kWH) of electricity, which is enough energy to power five homes.



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MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	HD Farms LLC		\$20,000	This Rural Development investment will be used to help HD Farms LLC install an energy efficient ventilation system. HD Farms LLC is a poultry farm located in Bassfield, Mississippi. The project will realize \$7,342.00 per year in savings, a 15.32 percent reduction from energy consumption of the 12-month period prior to grant application. Additionally, this project will save 52,300 kilowatt (kwh) hours of electricity, which is enough energy to power four homes.
MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Sean Boe		\$48,987	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Specifically, these funds will assist with installing a renewable energy system to Boe Farms LLC, located in Crawford, Mississippi. Project funds will be used to install a ground-mounted photovoltaic solar system, which converts sunlight directly into electricity. The project will replace \$22,073.00 in energy. This project will replace 92,511 kilowatt hours of electricity, which is enough energy to power 8 homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements in their operations.
MS	Cindy Hyde-Smith Roger Wicker	Steven Palazzo (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	T&T Farm Corp		\$29,895	This Rural Development investment will be used to assist T&T Farm Corporation, a poultry grower, install energy efficient improvements to six poultry broiler grower houses' heating, lighting and ventilation systems. The project will realize \$18,676 per year in savings and a 25.6% reduction from energy consumption of the 12-month period. Additionally, this project will save 159,341 kilowatt (kwh) hours of electricity and 2,304 gallons of propane, which is enough energy to power 14 homes.
MS	Cindy Hyde-Smith Roger Wicker	Trent Kelly (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	AAA Holdings LLC		\$43,787	This Rural Development investment will be used to install a roof-mounted photovoltaic solar system, which converts sunlight directly into electricity. AAA Holdings LLC is a rural small business located in Oxford, Mississippi. The project will replace \$7,644.00 in energy annually. This project will replace 66,477 kilowatt hours (kWh) of electricity, which is enough energy to power six homes.
MS	Cindy Hyde-Smith Roger Wicker	Trent Kelly (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Native Son Farm LLC		\$9,191	This Rural Development investment will be used to install a renewable energy system for Native Son Farm LLC, an agricultural producer in Tupelo, Mississippi. Project funds will be used to install a small roof-mounted photovoltaic solar system, which converts sunlight directly into electricity. The project will generate/replace \$1,805 in energy while and replace 13,174 kilowatt hours of electricity, which is enough energy to power one home.



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MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Shane Hoang		\$14,286	This Rural Development investment will be used to install energy efficient lighting and ventilation systems to Shane Hoang's six poultry broiler grower houses located in Summit, Mississippi. The project will realize \$8,695.00 per year in savings which is a 12.44% reduction of energy consumption within a 12-month period. Additionally, this project will save 48,479 kilowatt (kwh) hours of electricity, enough energy to power four homes.
MS	Cindy Hyde-Smith Roger Wicker	Bennie Thompson (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hickory Hill Farm LLC		\$19,143	This Rural Development investment will be used to install an energy efficient computer controller system to ten (10) poultry grower houses at Hickory Hill Farm LLC, a poultry grower located in Wesson, Mississippi. The project will realize \$6,627.00 per year in savings, a 11.3 percent reduction from energy consumption in a 12-month period. Additionally, this project will save 25,418 kilowatt (kwh) hours of electricity and 3,569 gallons of propane, which is enough energy to power two homes.
MS	Cindy Hyde-Smith Roger Wicker	Steven Palazzo (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Diamond V Poultry LLC		\$31,485	This Rural Development investment will be used to install energy efficiency improvements to the buildings' lighting and ventilation systems at Diamond V Poultry LLC, a poultry grower. The project will realize \$16,129.00 per year in savings, a 38.64 percent reduction from energy consumption of the 12-month period. Additionally, this project will save 56,507 kilowatt (kwh) hours of electricity and 9,120 gallons of propane, which is enough energy to power five homes.
MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Billy J. Peacock		\$45,092	This Rural Development investment will be used to install energy efficiency improvements to the buildings' lighting, heating, insulation and ventilation/cooling systems to Billy Peacock's poultry grower houses located in Mendenhall, Mississippi. The project will realize \$25,285.00 per year in savings, a 31.86 percent reduction from energy consumption of the 12-month period. Additionally, this project will save 86,422 kilowatt hours (kWh) of electricity and 11,908 gallons of propane, which is enough energy to power seven homes.
MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mockingbird Hill Farm Inc.		\$63,750	This Rural Development investment will be used to install a renewable energy system for Mockingbird Hill Farm, Inc., a poultry farm located in Mize, Mississippi. The large ground-mounted photovoltaic solar system being installed will convert sunlight directly into electricity. The project will replace \$26,936.00 per year in energy generated, replacing 98.96% of the typical recent 12-month electricity consumption. This project will replace 259,000 kilowatt (kwh) hours of electricity, which is enough energy to power 23 homes.



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MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mockingbird Hill Farm Inc.		\$13,988	This Rural Development investment will be used to install tunnel exhaust fans to the chicken houses of Mockingbird Hill Farm, Inc., a poultry farm located in Mize, Mississippi. The project will realize \$6,039.00 per year in savings which is a 22.28% reduction in energy consumption of the 12-month period. Additionally, this project will save 58,295 kilowatt (kwh) hours of electricity, which is enough energy to power five homes.
MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rodney Brumfield		\$19,999	This Rural Development investment will be used to install energy efficient doors and curtains, lighting, and ventilation systems to Rodney Brumfield's four poultry broiler grower houses located in Tylertown, Mississippi. The project will realize \$10,127.00 per year in savings, a 35.43% reduction from energy consumption of the 12-month period. Additionally, this project will save 79,930 kilowatt (kwh) hours of electricity and 1,192 gallons of propane, which is enough energy to power seven homes.
MS	Cindy Hyde-Smith Roger Wicker	Bennie Thompson (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Treasures Learning Center LLC		\$23,092	This Rural Development investment will be used to install a renewable energy system for Treasures Learning Center, LLC, a rural small business located in Vicksburg, Mississippi. Project funds will be used to install a ground-mounted photovoltaic solar system, which converts sunlight directly into electricity. The project will replace \$7,589.00 in energy annually and replace 54,211 kilowatt hours of electricity, which is enough energy to power five homes.
MS	Cindy Hyde-Smith Roger Wicker	Michael Guest (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	C.M. Treppendahl & Sons Inc.		\$372,294	This Rural Development investment will be used to install a renewable energy system for C.M. Treppendahl and Sons, Inc. (Treppendahl's Super Foods), a full service grocery offering specialty items and select and premium meats located in Woodville, Mississippi. Project funds will be used to install a large roof-mounted photovoltaic solar system, which converts sunlight directly into electricity. The project will replace \$76,137.00 per year in energy generated, replacing 74% of the typical recent 12-month electricity consumption. This project will replace 176,125 kilowatt hours (kwh) of electricity, which is enough energy to power 16 homes.
MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	JMS Trucking Inc.		\$8,507	This Rural Development investment will be used to help JMS Trucking Inc. purchase and install a 15.30-kilowatt solar photovoltaic system. JMS Trucking is a freight shipping company in Lewistown, Montana and has been in operation since 2010. The solar system will generate 18,237 kilowatt hours of energy, replacing 100 percent of their energy consumption. This energy is enough to provide power to one house annually.





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MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Polebridge Penny LLC		\$10,846	This Rural Development investment will be used to help Polebridge Penny LLC make energy-efficient improvements to their operations. Polebridge Penny LLC is a sought-after tiny house rental in the remote, off-grid community of Polebridge, Montana. Project funds will be used to install a 4.8 kilowatt-hours (kWh) solar array on their business. This project is expected to provide 5,732 kWh of clean, renewable energy and decrease Polebridge Penny's reliance on propane, wood and natural gas in their remote North Fork Road location.
MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	House of Yum LLC		\$7,569	This Rural Development investment will be used to assist House of Yum LLC develop a renewable energy systems and make energy-efficiency improvements to their operations. House of Yum LLC is a bakery and café that has been in business for over six years in Columbia Falls, Montana. Project funds will be used to install an 8.4 kilowatt-hours (kWh) solar array, which is expected to provide 8,865 kWh, or 14 percent of the annual electrical consumption at their location.
MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Brandon Hay Furniture LLC		\$6,266	This Rural Development investment will be used to assist Brandon Hay Furniture LLC, a woodworking shop in Belgrade, Montana, make energy-efficiency improvements to their operations. Project funds will be used to purchase and install a 7.9 kilowatt (kW) solar photovoltaic system, and a heating and cooling system, which is expected to realize \$1,313 per year in savings. This project should save 10,943 kW annually, which is enough electricity to power one home.
MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Reilly Ranch LLC		\$5,174	This Rural Development investment will be used to help Reilly Ranch LLC offset the purchase and installation costs of an 8.36-kilowatt solar photovoltaic system. Reilly Ranch LLC is an agriculture producer in Judith Basin, Montana. The system will replace 8,235 kilowatt hours of energy and save the producer \$988 annually. This energy is enough to provide power to one house annually.
MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Goodkind Gulch LLC		\$14,570	This Rural Development investment will be used to assist Goodkind Gulch LLC make energy-efficient improvements to their operations. Goodkind Gulch LLC is a rental office space building in historic downtown Helena, Montana. Project funds will be used to purchase and install a 20.91 kilowatt (kW) solar photovoltaic system, which is expected to realize \$2,029 per year in savings. This solar project should save 25,364 kW annually, which is enough electricity to power two homes.
MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Stone Temple Fitness & Spa LLC		\$14,175	This Rural Development investment will be used to assist Stone Temple Fitness & Spa, LLC develop a renewable energy system and in making energy-efficiency improvements to their operations. Stone Temple Fitness & Spa LLC is a full service, boutique gym and day spa in White Sulphur Springs, Montana. Project funds will be used to purchase and install a 19.58 kilowatt (kW) solar photovoltaic system, which is expected to realize \$2,657 per year in savings. This solar project should save 22,750 kW annually, which is enough electricity to power two homes.



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MT	Steve Daines Jon Tester	Matt Rosendale (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	First & Last Chance 406 LLC		\$4,447	This Rural Development investment will be used to help First & Last Chance 406 LLC complete energy efficiency upgrades to their storefront. First & Last Chance 406 is a family-owned convenience store in rural Wibaux, Montana. Project funds will be used to purchase and install new energy efficient windows and doors as well as complete a LED lighting upgrade, which is expected to save \$1,230 per year in electricity and gas consumption.
NC	Richard Burr Thom Tillis	Kathy Manning (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Sainsbury Farm LLC		\$4,187	This Rural Development investment will be used for the purchase and installation of a 5.84 kilowatt (kW) solar array on the farming operation of Sainsbury Farm LLC. This project will generate 7,907 kilowatt hours (kWh) per year and realize \$1,217 of saving per year.
NC	Richard Burr Thom Tillis	Kathy Manning (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	FSS I-85 LLC		\$19,583	This Rural Development investment will be used to purchase and install a 40.17 kilowatt (kW) solar array on the business operation of 10FSS I-85 LLC. This project will generate 54,886 kilowatt hours (kWh) per year and realize \$6,131 of saving per year.
NC	Richard Burr Thom Tillis	Patrick McHenry (10)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Cane Creek Asparagus & Company		\$13,100	This Rural Development investment will be used to purchase and install a 5.94 kilowatt (kW) solar array on the farming operation of Cane Creek Asparagus & Company. This project will generate 8,820 kilowatt hours (kWh) per year and realize \$670 of saving per year.
NC	Richard Burr Thom Tillis	Madison Cawthorn (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Black Trumpet LLC		\$7,497	This Rural Development investment will be used for the purchase and installation of a 14 kilowatt (kW) solar array on the farming operation of Black Trumpet LLC. This project will generate 17,950 kilowatt hours (kWh) per year and realize \$2,019 of saving per year.
NC	Richard Burr Thom Tillis	Greg Murphy (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	East Hardwood Company Inc.		\$20,000	This Rural Development investment will be used for the purchase and installation of a 73.8 kilowatt (kW) solar array. East Hardwood Company Inc., a building supply company, will realize \$8,082 per year in savings, and will replace 111,624 kilowatt hours (kWh) (80 percent) per year. This project will save enough electricity to power 10 homes.
NC	Richard Burr Thom Tillis	Madison Cawthorn (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ferncrest Enterprises LLC		\$8,000	This Rural Development investment will be used to purchase and install a 6.6 kilowatt (kW) solar array on the business operation of FernCrest Enterprises LLC. This project will generate 8,636 kilowatt hours (kWh) per year and realize \$786 of saving per year.
NC	Richard Burr Thom Tillis	Madison Cawthorn (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Murphy Auto Parts Inc.		\$16,354	This Rural Development investment will be used to purchase and install a 29.2 kilowatt (kW) solar array on the business operation of Murphy Auto Parts Inc. This project will generate 39,968 kilowatt hours (kWh) per year and realize \$5,355 of savings per year. 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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NC	Richard Burr Thom Tillis	Madison Cawthorn (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Aegis Power Systems Inc.		\$9,631	This Rural Development investment will be used to purchase and install a 16.1 kilowatt (kW) solar array on the business operation of Aegis Power Systems Inc. This project will generate 21,921 kilowatt hours (kWh) per year and realize \$2,937 of saving per year.
NC	Richard Burr Thom Tillis	Madison Cawthorn (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Legacy Land Holdings LLC		\$11,437	This Rural Development investment will be used to purchase and install a 19.2 kilowatt (kW) solar array. Legacy Land Holdings LLC, a real estate holding company, will realize \$3,449 per year in savings, and will generate 26,136 kilowatt hours (kWh) per year.
NC	Richard Burr Thom Tillis	David Rouzer (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Arthur Solar 2, LLC	\$6,306,000		This Rural Development investment will be used to purchase and install a 6.50 mega-watt solar system. Arthur Solar 2 LLC is a newly created entity for the purposes of generating electricity in Tabor City. The system is estimated to produce 12. million kWh in its first year, which is enough electricity to power 1,115 homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.
NC	Richard Burr Thom Tillis	David Rouzer (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Beckwith Solar LLC	\$6,400,000		This Rural Development investment will be used to purchase and install a 6.56 MW solar system. Beckwith Solar LLC is a new entity created for the purposes of generating electricity in Tabor City, North Carolina. The system is estimated to produce 12,096,000 kWh in its first year, which is enough electricity to power 1,102 homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.
NC	Richard Burr Thom Tillis	Madison Cawthorn (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rachel R Tankersley		\$9,962	This Rural Development investment will be used for the purchase and installation of a 16 kilowatt (kW) solar array on the business operation of Rachel R. Tankersley. This project will generate 23,444 kilowatt hours (kWh) per year and realize \$1,979 of saving per year.
NC	Richard Burr Thom Tillis	Patrick McHenry (10)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Luke Properties LLC		\$17,500	This Rural Development investment will be used to purchase and install a 29.16 kilowatt (kW) solar array on the business operation of Luke Properties LLC. This project will generate 48,934 kilowatt hours (kWh) per year and realize \$4,942 of saving per year.
NC	Richard Burr Thom Tillis	Madison Cawthorn (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rainbow Springs Campground LLC		\$16,742	This Rural Development investment will be used to purchase and install a 26.52 kilowatt (kW) solar array on the business operation of Rainbow Springs Campground LLC. This project will generate 33,069 kilowatt hours (kWh) per year and realize \$3,372 of saving per year.



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NC	Richard Burr Thom Tillis	David Price (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hillsborough Veterinary Clinic Inc.		\$11,903	This Rural Development investment will be used to purchase and install 19.92 kilowatt (kW) solar array on the business operation of Hillsborough Veterinary Clinic, Inc. This project will generate 28,865 kilowatt hours (kWh) per year and realize \$3,448 of saving per year.
NC	Richard Burr Thom Tillis	Kathy Manning (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Terrasimco Inc.		\$16,100	This Rural Development investment will be used to purchase and install a 25.1 kilowatt (kW) solar array on the business operation of Terrasimco Inc. This project will generate 37,528 kilowatt hours (kWh) per year and realize \$2,697 of saving per year.
NC	Richard Burr Thom Tillis	Kathy Manning (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Moyer Solar LLC	\$6,155,000		This Rural Development investment will be used to purchase and install a 6.56 MW solar system. Moyer Solar, LLC is an entity whose purpose is to generate electricity in Stoneville, North Carolina. The system is estimated to produce 11,396,000 kWh in its first year, which is enough electricity to power 1,038 homes.
NC	Richard Burr Thom Tillis	Virginia Foxx (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	TAMPCO		\$3,937	This Rural Development investment will be to purchase and install LED lighting. Tampco is an existing business that manufactures steel railings. This project will realize \$5,686 per year in savings, and will replace 72,069 kilowatt hours (kWh) (23.3 percent) per year, which is enough electricity to power seven homes.
NC	Richard Burr Thom Tillis	David Rouzer (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	WHH Farms Inc.		\$20,000	This Rural Development investment will be used to purchase and install a 109.4 kilowatts (kW) solar array. WHH Farms Inc., a turkey farming operation, will realize \$12,370 per year in savings, and will replace 172,042 kilowatt hours (kWh) (74 percent) per year.
ND	Kevin Cramer John Hoeven	Kelly Armstrong (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	North Central Builders Inc.		\$13,849	This Rural Development investment will be used to install a 24.6 kW solar array system. North Central Builder Inc. is a locally owned contracting business near Rugby, North Dakota. This project will save the business \$1,693 per year and will replace 31,207 kWh (191 percent) per year, which is enough electricity to power three homes.
ND	Kevin Cramer John Hoeven	Kelly Armstrong (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	James Ackerman		\$101,326	This Rural Development investment will be used to install a more energy efficient grain drying system. James Ackerman operates a family farm, raising small grains near Devils Lake, North Dakota. This project will save the business \$24,646 per year and will replace 443,580 kWh (55 percent) per year, which is enough electricity to power forty-one homes.
ND	Kevin Cramer John Hoeven	Kelly Armstrong (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Joseph G. Mauch		\$13,654	This Rural Development investment will be used to install a geothermal heating and cooling system. Joseph Mauch operates a family farm, raising small grains near Mooreton, North Dakota. This project will save the business \$2,966 per year and will replace 49,438 kilowatt hours (kWh) (76 percent) per year, which is enough electricity to power five homes.



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ND	Kevin Cramer John Hoeven	Kelly Armstrong (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	MALL LLC		\$125,000	This Rural Development investment will be used to install more energy efficient LED lighting and HVAC systems. 1173 Mall LLC is a locally owned strip mall in Dickinson, North Dakota. This project will save the business \$25,966 per year and replace 402,373 kWh (42 percent) per year, which is enough electricity to power thirty-seven homes.
ND	Kevin Cramer John Hoeven	Kelly Armstrong (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	James BENJAMIN		\$8,148	This Rural Development investment will be used to install a 13.12 kW solar array system. Benjamin James operates a family farm, raising small grains near Kenmare, North Dakota. This project will save the business \$798 per year and will replace 12,270 kWh (100 percent) per year, which is enough electricity to power one home.
NE	Deb Fischer Ben Sasse	Adrian Smith (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Insurance Mart INC		\$13,967	This Rural Development investment will be used to help Insurance Mart Inc. install a 25.2 kW solar array. Insurance Mart Inc is an insurance provider in Elgin, Nebraska. This project is expected to generate \$3,934.53 per year. It will generate 39,061 kilowatt hours (kWh) (109.86 percent of the company's energy use) per year, which is enough energy to power three homes per year.
NE	Deb Fischer Ben Sasse	Adrian Smith (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Matthew Meuret		\$3,621	This Rural Development investment will be used to help Matthew Meuret install a more energy-efficient electric irrigation motor. Matthew Meuret is a farmer in Brunswick, Nebraska. The new system is expected to save the individual \$2,547.24 in electrical costs per year. The improvements are projected to replace 20,839 kilowatt hours (kWh) (79.68 percent of the individual's energy use) per year, which is enough energy to power one home per year.
MO, NE	Deb Fischer Ben Sasse	Adrian Smith (03), Jason Smith (08)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Clear Spring Ranch Inc.		\$5,473	This Rural Development investment will be used to help Clear Spring Ranch Inc. install a more energy-efficient electric irrigation motor. Clear Spring Ranch Inc. is a soybean farm in Antelope County, Nebraska. The new system is expected to save the company \$3,699.09 in electrical costs per year. The improvements are projected to replace 66,834 kilowatt hours (kWh) (69.40 percent of the company's energy use) per year, which is enough energy to power six homes per year.
NE	Deb Fischer Ben Sasse	Adrian Smith (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Maddux Cattle Company		\$3,847	This Rural Development investment will be used to help Maddux Cattle Company install a more energy-efficient electric irrigation motor. Maddux Cattle Company is a cattle farm in Imperial, Nebraska. The new system is expected to save the company \$5,349.61 in electrical costs per year. The improvements are projected to replace 73,988 kilowatt hours (kWh) (71.26 percent of the company's energy use) per year, which is enough energy to power six homes per year.



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NE	Deb Fischer Ben Sasse	Adrian Smith (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Norman And William Schutz		\$11,541	This Rural Development investment will be used to help Norman and William Schutz install a more energy-efficient electric irrigation motor. Norman and William Schutz are cattle farmers in Elwood, Nebraska. The new system is expected to save the individuals \$9,647.06 in electrical costs per year. The improvements are projected to replace 187,653 kilowatt hours (kWh) (71.19 percent of the individuals' energy use) per year, which is enough energy to power 17 homes per year.
NE	Deb Fischer Ben Sasse	Adrian Smith (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mark Chohon		\$11,304	This Rural Development investment will be used to help Mark Chohon install three diesel to electric irrigation motors. Mark Chohon is a cattle rancher in O'Neill, Nebraska. The new system is expected to save the individual \$31,259.97 in electrical costs per year. The improvements are projected to replace 820,108 kilowatt hours (kWh) (75.90 percent of the individual's energy use) per year, which is enough energy to power 75 homes per year.
NE	Deb Fischer Ben Sasse	Adrian Smith (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Loup Valley Cattle Co. LLC		\$6,923	This Rural Development investment will be used to help Loup Valley Cattle Co. LLC install a more energy-efficient electric irrigation motor. Loup Valley Cattle Co. LLC is a beef cattle farm in Palmer, Nebraska. The new system is expected to save the company \$4,769.77 in electrical costs per year. The improvements are projected to replace 80,486 kilowatt hours (kWh) (78.92 percent of the company's energy use) per year, which is enough energy to power seven homes per year.
NH	Maggie Hassan Jeanne Shaheen	Ann Kuster (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Patch Orchards, Inc.		\$7,547	This Rural Development investment will be used to upgrade equipment for a maple syrup production business. By installing additional membranes to their reverse osmosis machine, Patch Orchards Inc. will be able to increase the percentage of sugar in the sap from less than 20 percent to 30 percent, thereby using 47 percent less diesel fuel. This reduction will save the 55,000 tap operation over \$9,000 annually. 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.
NH	Maggie Hassan Jeanne Shaheen	Ann Kuster (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Wilkins Lumber Company Inc.		\$7,604	This Rural Development investment will be used to make Energy Efficiency Improvements to Wilkins Sawmill and Lumber Company, one of the oldest family run sawmills in the Northeast. The original mill began in 1808 and is in its 8th generation of operation for over 214 years. An energy intensive business, the sawmill will benefit from the installation of electrical control devices that will improve and stabilize electricity use from equipment as well as replacing current fixtures with LED lighting. An annual savings of almost \$3,900 is anticipated. 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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NH	Maggie Hassan Jeanne Shaheen	Ann Kuster (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Miles Smith Farm LLC		\$9,708	This Rural Development investment will be used to install a 12kW solar array at the Miles Smith Farm in Loudon, New Hampshire. The 36-acre hilltop farm provides USDA-inspected beef, pork, and lamb for both retail sale and wholesale to restaurants, hospitals, and schools. The energy generated by the solar array will offset 31 percent of their electrical load, saving over \$2,600 annually. 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.
NH	Maggie Hassan Jeanne Shaheen	Chris Pappas (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Wissler Auto Group LLC		\$13,750	This Rural Development investment will be used to fund a 21.4 kW ground-mounted solar tracker at Volkswagen of Rochester. Originally established in 1968, the business was purchased by Wissler Auto Group LLC in 2002. Wissler Auto Group LLC previously installed solar trackers with Rural Development assistance. The addition of this system will make the business 100 percent solar, with excess generation providing revenue. 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.
NH	Maggie Hassan Jeanne Shaheen	Chris Pappas (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	RSA Realty LLC		\$8,750	This Rural Development investment will be used to install a 11kW pole-mounted solar tracker at a commercial building in Rochester. The energy generated will be sold to the grid, providing RSA Realty LLC with a supplemental source of revenue.
NH	Maggie Hassan Jeanne Shaheen	Chris Pappas (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Empire Enterprise Limited Partnership		\$20,000	This Rural Development investment will be used to purchase and install a 38.7kW roof-mounted solar array. Empire Enterprises LP owns Apple Ridge Phase II, a multi-family housing complex in Rochester. The energy generated by the array will power the common areas and outdoor lighting, with excess electricity providing additional revenue. The total value of the energy exceeds \$4,500 per year.
NH	Maggie Hassan Jeanne Shaheen	Ann Kuster (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Phil Turner Properties LLC		\$20,000	This Rural Development investment will be used to purchase and install a 26.23 kilowatt (kW) roof mounted solar photovoltaic system. Phil Turner Properties LLC has acquired and renovated a commercial building in Charlestown. The system is expected to provide 100 percent of the expected annual energy usage at the location, valued at over \$5,200.
NH	Maggie Hassan Jeanne Shaheen	Ann Kuster (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	J & R Bailey Enterprises Inc.		\$20,000	This Rural Development investment will be used for the purchase and installation of a 36.1 kilowatt (kW) roof mounted solar array. Janice Bailey is 100 percent owner of J & R Bailey Enterprises, which operates the Depot Home Center in Charlestown, New Hampshire. The system will replace all of the annual energy usage at the busy hardware store, saving over \$6,200 per year, with excess production—roughly 37 percent of annual usage—sold back to the grid.



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NJ	Cory Booker Robert Menendez	Tom Malinowski (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Margaret Sleeper		\$7,625	This Rural Development investment will be used to help Goodwink Farms purchase and install a 10 kW solar array. This project will replace 12,297 kWh (87.26%) per year. Goodwink Farms provides horse training and veterinary services and is owned by Margaret Sleeper.
NM	Martin Heinrich Ben Ray Lujan	Yvette Herrell (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Nikhil & Asmita Patel LLC		\$9,870	This Rural Development investment will be used to help Nikhil & Asmita Patel LLC doing business as Sands Motel purchase and install 45 energy efficient windows. Sands Motel is a family-owned rural small lodging business in Grants, New Mexico. After the energy efficiency improvements are completed, the business will see \$3,084 in savings on their annual electric bill and will replace 2,700 kWh (20 percent) per year.
NM	Martin Heinrich Ben Ray Lujan	Teresa Leger Fernandez (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Legend Dairy LLC		\$245,778	This Rural Development investment will be used to assist Legend Dairy LLC purchase and install a 717.97kW solar array. Legend Dairy LLC is a third generation family-owned dairy operation established in 1992 in Clovis, New Mexico. After the solar system is installed, the business will see \$89,220.00 savings in their annual electric bill. It will generate 1,274,580 kilowatt-hours of electricity which is more than 89.42 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power 117 homes.
NM	Martin Heinrich Ben Ray Lujan	Teresa Leger Fernandez (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rajen Dairy LLC		\$126,690	This Rural Development investment will be used to help Rajen Dairy LLC purchase and install a 354.24 kW solar array. Rajen Dairy LLC, is a second and third generation family-owned dairy operation established in 1992 in Clovis, New Mexico. After the solar system is installed, the business will see \$43,687.00 savings in their annual electric bill. It will generate 624,100 kilowatt-hours of electricity which is more than 74.84 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power 57 homes.
NM	Martin Heinrich Ben Ray Lujan	Yvette Herrell (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	BCA Medical Associates P.A		\$6,450	This Rural Development investment will be used to help BCA Medical purchase and install spray foam insulation and LED lighting. BCA Medical is a pediatric care center in Ruidoso, New Mexico. After the energy efficiency improvements are completed, the business will see \$1,412 in savings on their annual electric bill and will replace 31,726 kWh (50.92 percent) per year. This savings is enough electricity to power two homes.





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NM	Martin Heinrich Ben Ray Lujan	Teresa Leger Fernandez (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Performance Maintenance Inc.		\$9,113	This Rural Development investment will be used to help Performance Maintenance Inc. purchase and install a 12.96kW solar array. Performance Maintenance Inc. is a family-owned janitorial business established in 1994 in Espanola, Rio Arriba County, New Mexico. After the solar system is installed, the business will see \$2,424.00 savings in their annual electric bill. It will generate 22,045 kW of electricity which is more than 127 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power two homes. The purpose of REAP 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.
NM	Martin Heinrich Ben Ray Lujan	Teresa Leger Fernandez (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Black Mesa Winery LLC		\$14,279	This Rural Development investment will be used to help Black Mesa Winery purchase and install a 19.44kW roof mounted solar array. Black Mesa Winery is a family-owned rural small business producing wine and cider, established in 2000 in Velarde, New Mexico, Rio Arriba County. After the solar system is installed, the business will see \$4,763.00 savings in their annual electric bill. It will generate 35,708 kilowatt-hours of electricity which is more than 104.97 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power 3 homes.
NM	Martin Heinrich Ben Ray Lujan	Teresa Leger Fernandez (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Umami Gardens LLC		\$10,525	This Rural Development investment will be used to help Umami Gardens LLC purchase and install a 5.76kW ground mounted solar array and battery storage. Umami Gardens LLC is a family-owned agriculture producer growing vegetables and expanding operations to Abiquiu, New Mexico. After the solar system is installed, it will generate 11,178 kWh of energy which is more than 150 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power 1 home.
NM	Martin Heinrich Ben Ray Lujan	Teresa Leger Fernandez (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Deborah Graves Dba Chili Line Depot		\$15,084	This Rural Development investment will be used to help Deborah Graves doing business as Chili Line Depot purchase and install a 14.4kW roof-mounted solar array. The Chili Line Depot is a family-owned restaurant and lodging rural small business in Tres Piedras, Taos County, New Mexico. After the solar system is installed, the business will see \$7,280.00 savings in their annual electric bill. It will generate 26,645 kWh of electricity which is more than 51.24 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power two homes.



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NM	Martin Heinrich Ben Ray Lujan	Teresa Leger Fernandez (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Stuart M Wilde Dba Wild Earth Llama Adv		\$4,952	This Rural Development investment will be used to help Stuart Wilde doing business as Wild Earth Llama Adventures purchase and install a 12 kW ground mounted solar array with a 10 kW battery backup. Wild Earth Llama Adventures is a sole proprietor rural small business involved in ecotourism and outdoor adventures established in 1993 in Questa, New Mexico. After the solar system is installed, the business will see \$997.00 savings in their annual electric bill of the eligible project costs. It will generate 20,502 kilowatt-hours of electricity which is more than 368 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power one home.
NM	Martin Heinrich Ben Ray Lujan	Yvette Herrell (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Sisneros Bros Mfg. LLC		\$54,333	This Rural Development investment will be used to help Sisneros Bros. MFG. LLC purchase and install a 120.96 kW Carport mounted solar array. Sisneros Bros. MFG. LLC is a third and fourth generation family-owned stainless steel duct manufacturing business established in 1987 in Belen, New Mexico. After the solar system is installed, the business will see \$14,905.00 savings in their annual electric bill. It will generate 200,039 kilowatt-hours of electricity which is more than 120.79 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power 18 homes.
NM	Martin Heinrich Ben Ray Lujan	Yvette Herrell (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	New Mexico Travertine Inc.		\$73,199	This Rural Development investment will be used to help New Mexico Travertine Inc. purchase and install a 62.50 kW solar array. New Mexico Travertine Inc. quarries and fabricates natural stone to produce several different products such as countertops. After the solar system is installed, the business will see \$46,904.00 savings in their annual electric bill. It will generate 240,799 kilowatt-hours of electricity which is about 87.28 percent of the electricity the business uses every year. The photovoltaic array will generate enough electricity to power 22 homes. The purpose of REAP 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.
NV	Catherine Cortez Masto Jacky Rosen	Steven Horsford (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Basin Engineering Corporation		\$8,366	This Rural Development investment will be used to help Basin Engineering Corporation install LED energy efficient lighting throughout its offices to replace older, inefficient lighting. Basin Engineering employs civil engineers and specializes in surveyed land. This project is expected to save 8,698 kilowatt hours (kWh) of electricity per year, which in turn will reduce utility expenses for the business.



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NY	Kirsten Gillibrand Charles Schumer	Vacant (19)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hudson Valley Hops & Grains LLC		\$18,852	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy efficient improvements to their operations. Hudson Valley Hops & Grains, LLC is a hops farm in Ancramdale, New York. Project funds will be used for the purchase and installation of a 28.4-kW solar array. This project will replace 32,858 kWh per year. Funding includes a \$47,228 Applicant Contribution and a \$10,080 NYSERDA Incentive.
NY	Kirsten Gillibrand Charles Schumer	Chris Jacobs (27)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Cornerstone Orchards LLC		\$20,000	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy efficient improvements to their operations. Cornerstone Orchards LLC is an orchard in Grand Island, New York. Project funds will be used for the purchase and installation of a 31.82-kW solar array. This project will replace 42,081 kWh per year. Funding includes a \$69,414 Applicant Contribution and \$11,137 from NYSERDA.
NY	Kirsten Gillibrand Charles Schumer	Claudia Tenney (22)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	GSPP 7024 Fox Rd LLC	\$6,034,765		This Rural Development investment will be used to provide permanent debt financing for a 6.751MW ground-mounted solar project in Marcy, New York. GSPP 7024 Fox Rd 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 7,559,381 kWh of electricity in the first full year. Funding includes a \$893,816 Applicant Contribution and \$3,362,796 from tax equity investors.
NY	Kirsten Gillibrand Charles Schumer	Paul Tonko (20)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hubbs Road Solar LLC	\$5,385,000		This Rural Development investment will be used for the purchase and installation of a 6.1 MW solar system. Hubbs Road Solar, LLC is a newly created entity for the purpose of generating electricity in Ballston Lake, New York. The system is estimated to produce 7,983,900 kWh per year, which is enough electricity to power 800 homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Funding includes a \$4,745,919 Applicant Contribution.
NY	Kirsten Gillibrand Charles Schumer	Vacant (19)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Constantin Belyayev		\$19,583	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy efficient improvements to their operations. Constantin Belyayev dba Melody Springs Farms is a grass fed beef farm in Sharon Springs, New York. Project funds will be used for the purchase and installation of a 16.2-kW solar array and 34.2-kW battery storage. This project will replace 20,291 kWh per year. Funding includes a \$75,330 Applicant Contribution and \$5,670 from NYSERDA.



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NY	Kirsten Gillibrand Charles Schumer	John Katko (24)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Q's Landscape Enterprises Inc.		\$14,738	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy efficient improvements to their operations. Q'S Landscape Enterprises, Inc is a landscaping company in Newark, New York. Project funds will be used for the purchase and installation of a 23.8-kW solar array. This project will replace 28,054 kWh per year. Funding includes \$44,963 in applicant contribution.
NY	Kirsten Gillibrand Charles Schumer	Vacant (23)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Carney Shannon		\$5,163	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy efficient improvements to their operations. Shannon Carney dba Carney Agri Farm is a maple producer in Hornell, New York. Project funds will be used for the purchase and installation of an energy efficient reverse osmosis system. This project will replace 125,150,000 Btu per year. Funding includes a \$15,489 Applicant Contribution.
NY	Kirsten Gillibrand Charles Schumer	Vacant (23)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Nasco Industries Of New York		\$5,782	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy efficient improvements to their operations. Nasco Industries of New York is a discount home center in Waverly, New York. Project funds will be used to purchase and install energy efficient LED lighting. This project will save 50,462 kWh per year. Funding includes a \$17,346 Applicant Contribution.
NY	Kirsten Gillibrand Charles Schumer	John Katko (24)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Marjim Corp Dba Jemstar Construction		\$11,030	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy efficient improvements to their operations. MARJIM Corp DBA Jemstar Construction upgrades, maintains, and inspects all types of communication towers operating out of Marion, New York. Project funds will be used for the purchase and installation of a 20.4-kW solar array. This project will replace 21,186 kWh per year. Funding includes a \$35,090 Applicant Contribution.
OH	Sherrod Brown Rob Portman	Mike Carey (15)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Solid Ground Farm		\$4,750	This Rural Development investment will be used to assist Solid Ground Farm, a small-scale diversified, sustainable farm and community education center in Appalachian Ohio make energy-efficiency improvements. Solid Ground Farm will use these funds to install an 8.4-kilowatt roof mounted solar array which will offset 100 percent of the farms electrical consumption in Millfield, Ohio. The energy produced is equivalent to the energy consumed by one typical U.S. home annually.



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OH	Sherrod Brown Rob Portman	Jim Jordan (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Luke Leffel		\$16,625	This Rural Development investment will be used to assist Luke Leffel, an agricultural producer, make energy efficiency improvements to the operations in Auglaize County, Ohio. Leffel will use these funds to install a 29-kilowatt solar array system with energy produced offsetting nearly 60 percent of their annual energy consumption in St. Marys, Ohio. This energy-efficiency improvement is also expected to generate 40,132 kilowatt-hours of electricity per year, the amount typically used by four U.S. homes, and reduces the business expenses \$5,618, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Warren Davidson (08)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Robert McClure		\$20,000	This Rural Development investment will be used to assist E-Z Way Farms with making energy-efficiency improvements. E-Z Way Farms will use this grant to replace an existing grain dryer with a new SuperB SE500V grain dryer to improve the energy efficiency of the farming operation in Springfield, Ohio. This energy-efficiency improvement is also expected to be equivalent to 152,669 kilowatt-hours of electricity per year, the amount typically used by 14 U.S. homes, and reduces the business expenses \$21,373, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Bill Johnson (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Paul Shivers		\$20,000	This Rural Development investment will be used to assist LPLAM, a commercial business plaza owner, make energy efficiency improvements to their operations in Columbiana County, Ohio. LPLAM will use these funds to install a 29.98-kilowatt solar array system that is expected to replace 100 percent of the electricity purchased from the grid in Salem, Ohio. This energy-efficiency improvement is also expected to generate 31,959 kilowatt-hours of electricity per year, the amount typically used by three U.S. homes, and reduce the business expenses \$4,474, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Brad Wenstrup (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	I And E Reeves Properties LLC		\$14,913	This Rural Development investment will be used to install a 25-kilowatt roof-mounted solar array in Highland County, Greenfield Ohio. This energy-efficiency improvement is expected to produce 28,903 kilowatt hours (kWh) of electricity per year, the amount typically used by three U.S. homes. Business expenses will be reduced by \$4,046, savings they can invest back into their operations. And it is expected to offset 80 percent of its electrical consumption.
OH	Sherrod Brown Rob Portman	Brad Wenstrup (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Greenfield Chiropractic LLC		\$8,604	This Rural Development investment will be used to assist Greenfield Chiropractic with making energy efficiency improvements to their operations in Highland County, Ohio. Greenfield Chiropractic will use this grant to install a 14-kilowatt roof mounted solar array system. Energy produced will offset nearly 100 percent of their annual energy consumption in Greenfield, Ohio. This energy-efficiency improvement is also expected to generate 16,645 kilowatt-hours of electricity per year, the amount typically used by two U.S. homes, and reduces the business expenses \$2,330, savings they can invest back into their operations.



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OH	Sherrod Brown Rob Portman	Mike Carey (15)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jack Pine Studios LLC		\$15,118	This Rural Development investment will be used to help Jack Pine Studios make energy-efficiency improvements to their operations in Hocking County, Ohio. Jack Pine Studios, a blown glass manufacturer, will use this grant to install a 31.82-kilowatt roof-mounted solar photovoltaic system that will supply a portion of the electricity required to operate their studio in Laurelville, Ohio. This energy-efficiency improvement is expected to produce 38,510 kilowatt-hours of electricity per year, the amount typically used by four average U.S. homes, and reduces the business expenses \$5,391, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Bob Gibbs (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	E-Z Way Farms LLC		\$20,000	This Rural Development investment will be used to assist E-Z Way Farms with making energy-efficiency improvements. E-Z Way Farms will use this grant to replace an existing grain dryer with a new GSI TopDri grain dryer, saving 60 percent of the current energy used in Monroeville, Ohio. This energy-efficiency improvement is also expected to be equivalent to 272,426 kilowatt-hours of electricity per year, the amount typically used by 25 U.S. homes, and reduces the business expenses \$38,139, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Bill Johnson (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Schaefer Family Crop Farm LLC		\$12,312	This Rural Development investment will be used to assist Schaefer Family Crop Farm, a grain and livestock farm, make energy efficiency improvements to their operations in Mahoning County, Ohio. Schaefer Family Crop Farm will use these funds to install a 17.28-kilowatt roof-mounted solar photovoltaic system that is expected to replace 100 percent of the electricity purchased from the grid in Salem, Ohio. This energy-efficiency improvement is also expected to generate 21,595 kilowatt-hours of electricity per year, the amount typically used by two U.S. homes, and reduces the business expenses \$3,023, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Troy Balderson (12)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	J&A Deprey Construction LLC		\$13,875	This Rural Development investment will be used to install a 21.1-kilowatt roof-mounted solar array in Waldo, Ohio, that is expected to offset 80 percent of their electrical consumption. J&A Deprey Construction is a small family and veteran owned business in Marion County, Ohio. This project will produce 30,831 kilowatt hours (kWh) of electricity per year, the amount typically used by three U.S. homes, and reduces the business expenses \$4,316, savings they can invest back into their operations.



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OH	Sherrod Brown Rob Portman	Michael Turner (10)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mile Creek Farm Inc.		\$13,292	This Rural Development investment will be used to assist Mile Creek Farm, a certified organic produce farm, make energy efficiency improvements to their operations in Montgomery County, Ohio. Mile Creek Farm will use this grant to install a 21-kilowatt ground-mounted solar photovoltaic system that is expected to replace 113.75 percent of the electricity purchased from the grid in New Lebanon, Ohio. This energy-efficiency improvement is also expected to generate 29,324 kilowatt-hours of electricity per year, the amount typically used by 2.7 U.S. homes, and reduces the business expenses \$4,105, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Steve Chabot (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	AW Cardinal Inc.		\$15,511	This Rural Development investment will be used to to install a 20-kilowatt roof-mounted solar array in Lebanon, Ohio and is expected to offset 100% of their electrical consumption. AW Cardinal is in Warren County, Ohio. This energy-efficiency improvement is also expected to produce 26,766 kilowatt-hours (kWh) of electricity per year, the amount typically used by two U.S. homes, and reduces the business expenses \$3,747, savings they can invest back into their operations.
OH	Sherrod Brown Rob Portman	Robert Latta (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Railroad Enterprises LLC		\$20,000	This Rural Development investment will be used to assist Railroad Enterprise make energy efficiency improvements to their operations in Williams County, Ohio. Railroad Enterprise will use this grant to install a 58-kilowatt solar array system with power produced sold to a related entity through a Power Purchase Agreement in Edgerton, Ohio. This energy-efficiency improvement is also expected to generate 80,156 kilowatt-hours of electricity per year, the amount typically used by three U.S. homes, and reduces the business expenses \$11,221, savings they can invest back into their operations.
OK	James Inhofe James Lankford	Markwayne Mullin (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mountain View Meats Company		\$12,758	This Rural Development investment will be used to to purchase and install LED lighting. Mountain View Meats Company is located in Stilwell, Oklahoma. This project will save the business \$3,014.10 per year in savings and will replace 28,200 kilowatt hours (kWh) per year (54 percent) per year.
OK	James Inhofe James Lankford	Tom Cole (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Imtec Real Estate LLC		\$12,477	This Rural Development investment will be used to purchase and install LED lighting. IMTEC Real Estate LLC is in Ardmore, Oklahoma. This project will save the business \$12,271 per year in energy costs and will replace 130,815 kilowatt hours (kWh) of electricity (62 percent) per year, which is enough energy to power 13 homes.
OK	James Inhofe James Lankford	Tom Cole (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	England Construction Inc.		\$19,875	This Rural Development investment will be used to help England Construction Inc., an industrial construction company in Waurika, Oklahoma, install a 15 kilowatt (kW) wind turbine. This project is expected to save \$3,140.90 per year. It will generate 31,409 kilowatt hours (kWh) per year.



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OK	James Inhofe James Lankford	Tom Cole (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Rafter B Farms LLC		\$20,000	This Rural Development investment will be used to purchase and install a wind turbine that will help offset the farms energy costs. Rafter B Farms is an agricultural producer in Wayne, Oklahoma. The project will generate 42,028 kilowatt hours (kWh) (78.6 percent of the company's energy use) per year, which is enough energy to power three homes per year.
OK	James Inhofe James Lankford	Tom Cole (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Alan Orr		\$20,000	This Rural Development investment will be used to install a 15 kilowatt (kW) wind turbine. Alan Orr of Ranch One LLC is a cattle operation in Maysville, Oklahoma, This project is expected to save \$3,696.11 per year. It will generate 33,601 kilowatt hours (kWh) (93.33 percent) per year, which is enough energy to power three homes.
OK	James Inhofe James Lankford	Markwayne Mullin (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Pulse Solar LLC	\$4,995,000		This Rural Development investment will be used to assist Pulse Solar LLC in developing a renewable energy system. Pulse Solar LLC is a new entity created for the purposes of generating electricity. The funds will be used for the purchase and installation of a 2.5 MW solar system in Quapaw, Oklahoma. The system is estimated to produce 3,757,000 kWh per year, which is enough electricity to power 346 homes.
OK	James Inhofe James Lankford	Kevin Hern (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Joe A. Jeter Ag Inc.		\$8,002	This Rural Development investment will be used to to purchase and install a solar array. Joe A Jeter Ag Inc is an existing cattle operation in Copan, Oklahoma. The project will realize \$1,612 in savings each year and will replace 27,300 kilowatt hours (kWh) per year.
OR	Jeff Merkley Ron Wyden	Kurt Schrader (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jeremiah Inc.		\$13,729	This Rural Development investment will be used to help Jeremiah Inc dba American Onsite purchase and install a 24.3-kilowatt roof-mounted solar PV. This funding will help American Onsite, a septic repair and maintenance business located in the rural town of Molalla in north-western Oregon, develop a renewable energy system. The system will generate 29,679 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 business's energy use with renewable electricity, reducing its utility bill by \$3,137 per year.
OR	Jeff Merkley Ron Wyden	Earl Blumenauer (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bee Way Honey Pollination Inc.		\$10,422	This Rural Development investment will be used to help Bee Way Honey Pollination Inc. purchase and install a 15.7-kilowatt roof-mounted solar PV. Bee Way Honey Pollination Inc. is a bee keeping and honey producing business in the rural town of Damascus in north-western Oregon. The system will generate 15,175 kilowatt hours of renewable electricity per year, which is enough to power one typical U.S. homes. The solar array will replace 97 percent of the business's energy use with renewable electricity, reducing its utility bill by \$1,669 per year.





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OR	Jeff Merkley Ron Wyden	Cliff Bentz (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Big Falls Ranch CO.		\$6,418	This Rural Development investment will be used to help a grain, seed, and crop farm in the rural town of Terrebonne in central Oregon develop an energy system. Big Falls Ranch Co. will use these funds to purchase and install a 150 HP well pump. The system will save 41,511 kilowatt hours of electricity per year, which is enough to power five typical U.S. homes. The well pump will lower the business's energy use by 12 percent, reducing its utility bill by \$2,632 per year.
OR	Jeff Merkley Ron Wyden	Cliff Bentz (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kamboj Retail LLC		\$19,846	This Rural Development investment will be used to help Kamboj Retail LLC purchase and install a 34-kilowatt roof-mounted solar PV. Kamboj Retail LLC is a convenience store in the city of Grants Pass in south-western Oregon. The system will generate 46,294 kilowatt hours of renewable electricity per year, which is enough to power four typical U.S. homes. The solar array will replace 26 percent of the business's energy use with renewable electricity, reducing its utility bill by \$3,704 per year.
OR	Jeff Merkley Ron Wyden	Kurt Schrader (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Top Hat Mushrooms Inc.		\$20,000	This Rural Development investment will be used to help Top Hat Mushrooms Inc. purchase and install a 50.4-kilowatt roof-mounted solar PV. Top Hat Mushrooms Inc. is a mushroom farm in the city of Salem in north-western Oregon. The system will generate 56,551 kilowatt hours of renewable electricity per year, which is enough to power five typical U.S. homes. The solar array will replace 58 percent of the business's energy use with renewable electricity, reducing its utility bill by \$5,655 per year.
OR	Jeff Merkley Ron Wyden	Kurt Schrader (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Gem Farms LLC		\$20,000	This Rural Development investment will be used to help Gem Farms LLC purchase and install a 49.5-kilowatt roof-mounted solar PV. Gem Farms LLC is a farm located in the city of Salem in western Oregon. The system will generate 52,420 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 business's energy use with renewable electricity, reducing its utility bill by \$7,781 per year.
OR	Jeff Merkley Ron Wyden	Kurt Schrader (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	RMH Properties LLC		\$20,000	This Rural Development investment will be used to help RMH properties LLC purchase and install a 29.04-kilowatt roof-mounted solar PV on top of the building of their carwash. RMH properties LLC is a small business in the rural town of Silverton in western Oregon. The system will generate 37,268 kilowatt hours of renewable electricity per year, which is enough to power three typical U.S. homes. The solar array will replace 74 percent of the business's energy use with renewable electricity, reducing its utility bill by \$4,472 per year.



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OR	Jeff Merkley Ron Wyden	Suzanne Bonamici (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Country Garden Nursery LLC		\$4,585	This Rural Development investment will be used to help a small nursery in the rural town of McMinnville in north-western Oregon develop a renewable energy system. Country Garden Nursery LLC will use these funds to purchase and install a 49.3-kilowatt ground-mounted solar PV. The system will generate 51,366 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 business's energy use with renewable electricity, reducing its utility bill by \$3,082 per year.
PA	Robert Casey Patrick Toomey	John Joyce (13)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Vacuum Processes Inc.		\$8,825	This Rural Development investment will be used to help Vacuum Processes Inc. install more energy-efficient insulation, ceiling fans and propane tube heaters. Vacuum Processes Inc. is a small vacuum systems and thermal process equipment manufacturing company that has been in business since 1991. It is going to expand its manufacturing area to include a 6,000-square-foot steel walled building that was previously used for storage into a full-time manufacturing space that requires a temperature-controlled environment. This project is expected to save \$547 per year and will save 6,910 kilowatt hours (kWh) of electricity per year which is 96 percent of the company's energy use.
PA	Robert Casey Patrick Toomey	Glenn Thompson (15)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Goot Essa LLC		\$7,912	This Rural Development investment will be used to help Goot Essa LLC upgrade its current solar system with the installation of additional ground-mounted solar panels as well as adding 3 lithium batteries and a higher watt inverter. Goot Essa LLC is a family-owned business that began in 2001 and produces high quality cheeses. This project is expected to save the business approximately \$16,800 in diesel costs per year.
PA	Robert Casey Patrick Toomey	Glenn Thompson (15)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Three Rivers Grown LLC		\$20,000	This Rural Development investment will be used to help Three Rivers Grown LLC (TRG) purchase and install a 32-kilowatt (kW) solar photovoltaic system. TRG manages the aggregation, sale and distribution of quality food from small farms and food producers located within 250 miles of Pittsburgh, Pennsylvania to local grocery stores. The solar panels will be installed on the roof of its distribution building. This project is expected to save approximately \$4,200 per year and will replace 37,368 kilowatt hours (kWh) per year, which is enough energy to power 3 homes annually.
PA	Robert Casey Patrick Toomey	Scott Perry (10)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Clugston Farms LLC		\$20,000	This Rural Development investment will be used to help Clugston Farms LLC purchase and install a 62.9-kilowatt (kW) solar photovoltaic system. The solar panels will be installed on the roof of the main farm building on the family-owned poultry farm in Halifax, Pennsylvania. This project is expected to save approximately \$7,400 per year and will replace 84,647 kilowatt hours (kWh) per year, which is enough energy to power 7 homes annually.



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PA	Robert Casey Patrick Toomey	Mike Kelly (16)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Troyer Growers Inc.		\$11,654	This Rural Development investment will be used to help Troyer Growers Inc. purchase and install a 28-kilowatt (kW) solar photovoltaic system. Troyer Growers Inc. is a producer of potatoes, wheat, field corn and soybeans in northwestern Pennsylvania. The solar panels will be installed on the farm's barn roof. This project is expected to save the farm approximately \$1,600 per year and will replace 29,252 kilowatt hours (kWh) per year, which is approximately 20 percent of the farm's energy use.
PA	Robert Casey Patrick Toomey	John Joyce (13)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mat Plaza LLC		\$12,410	This Rural Development investment will be used to help MAT Plaza LLC purchase and install a 29.2-kilowatt (kW) solar photovoltaic system. The solar panels will be installed on the roof of the retail shopping center. The shopping center, located in Huntingdon County, Pennsylvania, consists of 25,400 square feet of office and retail space. This project is expected to save approximately \$4,200 per year and will replace 35,186 kilowatt hours (kWh) per year, which is enough energy to power 3 homes annually.
PA	Robert Casey Patrick Toomey	John Joyce (13)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Anthony Ricci Dba Green Heron Farm		\$8,500	This Rural Development investment will be used to help Anthony Ricci DBA Green Heron Farm purchase and install a 10.53-kilowatt (kW) solar photovoltaic system. The solar panels will be installed on farm's barn roof. Green Heron Farm is a family-owned 5-acre farm growing and selling organic produce since 1984. This project is expected to save the farm approximately \$1,500 per year and will replace 12,071 kilowatt hours (kWh) per year which is 105 percent of the farm's energy use.
PA	Robert Casey Patrick Toomey	Lloyd Smucker (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mcclarigan CPA's & Advisors		\$15,000	This Rural Development investment will be used to help McClarigan CPA's & Advisors purchase and install a 38.4-kilowatt (kW) solar photovoltaic system. Mr. Kevin McClarigan originally started the company in 1993 as a sole proprietorship and it has since grown into a firm that serves construction, manufacturing, retail/wholesale, agricultural, service industries and individual clients. The solar panels will be installed on the roof of the firm. This project is expected to save the business approximately \$4,000 per year and will replace 44,675 kilowatt hours (kWh) per year, which is enough energy to power 4 homes annually.
PA	Robert Casey Patrick Toomey	Lloyd Smucker (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Frosty Hollow Farms LLC		\$20,000	This Rural Development investment will be used to help Frosty Hollow Farms LLC purchase and install a 65.28-kilowatt (kW) solar photovoltaic system. Frosty Hollow Farms LLC offers its community farm fresh products and livestock. The solar panels will be installed on the roof of the primary barn building located on the farm. This project is expected to save the farm approximately \$7,900 per year and will replace 73,801 kilowatt hours (kWh) per year which is approximately 93 percent of the farm's energy use.



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PA	Robert Casey Patrick Toomey	Glenn Thompson (15)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Allegheny Bradford Corporation		\$18,924	This Rural Development investment will be used to help Allegheny Bradford Corporation purchase and replace all of the lighting throughout its three facilities located in Lewis Run, Pennsylvania with more energy-efficient LED lighting. Allegheny Bradford Corporation manufactures and provides stainless steel solutions to multiple industries including pharmaceutical, biotechnology, food & beverage, chemical and electronic processing. This project is expected to lower the company's energy use by 35 percent and save approximately \$12,000 in electrical costs per year.
PA	Robert Casey Patrick Toomey	Dan Meuser (09)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kriebel Security Inc. dba Czarstar Security		\$12,877	This Rural Development investment will be used to help Kriebel Security Inc. dba Czarstar Security purchase and install a 24.45-kilowatt (kW) solar photovoltaic system. The solar panels will be installed on the roof of the business, which specializes in providing security system sales and service for residential, commercial and banking institutions for over the past 30 years. This project is expected to save the business approximately \$2,400 per year and will replace 27,636 kilowatt hours (kWh) per year which is approximately 96 percent of the company's energy use.
PA	Robert Casey Patrick Toomey	Fred Keller (12)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kelly RV Inc.		\$11,000	This Rural Development investment will be used to help Kelly RV, Inc. purchase and install a 15.2-kilowatt (kW) solar photovoltaic system. Kelly RV Inc. is a family-owned recreational vehicle sales business operating since 1957. The solar panels will be installed on the roof of the service bay. This project is expected to save the business approximately \$1,700 per year and will replace 18,635 kilowatt hours (kWh) per year which is 114 percent of its energy use.
PA	Robert Casey Patrick Toomey	John Joyce (13)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Michael L. Wilt dba Cedar Grove Farm		\$13,398	This Rural Development investment will be used to help Michael L. Wilt dba Cedar Grove Farm purchase and install a more energy-efficient Sukup continuous flow grain dryer. Michael L. Wilt dba Cedar Grove Farm is a 5th generation family farm that custom raises pigs, beef cows and various crops. This project is expected to save \$8,433 per year and will replace 110,024 kilowatt hours (kWh) per year, which is enough electricity to power 10 homes.
PA	Robert Casey Patrick Toomey	Lloyd Smucker (11)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Maple Lawn Entertainment Inc. dba Maize Quest		\$15,000	This Rural Development investment will be used to help Maple Lawn Entertainment Inc. dba Maize Quest purchase and install a 78.72-kilowatt (kW) solar photovoltaic system. The solar panels will be installed on the main farm building's south roof. Maple Lawn Entertainment Inc. dba Maize Quest is a hybrid farm/business offering pick-your-own fruit while also providing farming education to its visitors. This project is expected to save approximately \$8,100 per year and will replace 81,369 kilowatt hours (kWh) per year, which is enough energy to power 7 homes annually.



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PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Aires Y Servicios Contratistas Mecanicos		\$9,231	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will be used to purchase and install a .4 kW PV solar system. Aires y Servicios Contratistas Mecanicos is a locally owned HVAC service provider located at San Lorenzo, Puerto Rico. This project will realize \$2,948.00 per year in savings and will replace 14.7 kWh per year (140 percent), which is enough electricity to power 1.3 homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Kefruits LLC		\$20,000	This Rural Development investment will be used to purchase and install a 56 kW PV solar system for Kefruits, a locally owned meat farm and meat processing facility. Project funds will be used for the This project will realize \$20,304 per year in savings and replace 84,600 kWh per year, which is enough electricity to power seven homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	PowerComm Inc.		\$17,058	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will be used to purchase and install a 22.92 kW PV solar system. PowerComm is a Renewable Energy Service provider, located at Hatillo, Puerto Rico. This project will realize \$28,695 per year in savings and will replace 35,947 kWh per year, which is enough electricity to power 3 homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Giacrimar Corporation		\$11,686	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will be used to purchase and install a 9.89 kW PV solar system. Laboratorio Clinico Roman is a locally owned medical service provider in Arecibo, Puerto Rico. This project will realize \$3,420.90 per year in savings and will replace 16,290 kWh per year (53.77 percent), which is enough electricity to power 1.5 homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Cienaga Dairy LLC		\$20,000	This Rural Development investment will be used to purchase and install a 74.86 kW PV solar system. This project will realize \$44,691 per year in savings and will replace 108,703 kWh per year, which is enough electricity to power 10 homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Laboratorio Clinico Lopez LLC		\$20,000	This Rural Development investment will be used to purchase and install a 24.47 kW PV solar system. This project will realize \$8,498 per year in savings and replace 40,470 kWh per year, which is enough electricity to power three homes.



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PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Loyd Sanabria Hernandez		\$18,033	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will be used to purchase and install a 34 kW PV solar system. Loyd Sanabria owns Hacienda Santa Fe, a local poultry farm located in Salinas, Puerto Rico. This project will realize \$14,377.60 per year in savings and will replace 63,900 kWh per year (100 percent), which is enough electricity to power 5 homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Laboratorio Clinico Plaza Oasis		\$17,950	This Rural Development investment will be used to purchase and install a 23 kW PV solar system at Laboratorio Clinico Plaza Oasis, a locally owned Laboratory located at Santa Isabel, Puerto Rico. This project will realize \$9,557 per year in savings and replace 36,984 kWh per year, which is enough electricity to power three homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Farmacia La Aurora		\$20,000	This Rural Development funds will be used to purchase and install a 22.62 kW PV solar system. This project will realize \$9,492 per year in savings and replace 42,200 kWh per year, which is enough electricity to power three homes.
PR		Jennifer Gonzalez-Colon	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Farmacia Minelly Inc.		\$20,000	This Rural Development funds will be used to purchase and install a 40.87 kW PV solar system at Farmacia Minelly, a locally owned drugstore. This project will realize \$15,543 per year in savings and replace 54,929 kWh per year, which is enough electricity to power five homes.
RI	Jack Reed Sheldon Whitehouse	David Cicilline (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Wishing Stone Inc.		\$20,000	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Wishing Stone Inc. is a farm with a commitment to sustainable agriculture. Project funds will be used for the purchase and installation of a 24-kW solar array. This project will realize \$6,663 per year in savings and will replace 31,760 kWh (42.52 percent) per year.
RI	Jack Reed Sheldon Whitehouse	Jim Langevin (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Matunuck Oyster Farm LLC		\$20,000	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Matunuck Oyster Farm is a supplier to the internationally renowned Matunuck Oyster Bar. Project funds will be used for the purchase and installation of a 44.5-kW solar array. This project will realize \$4,871 per year in savings and will replace 22,969 kWh (100 percent) per year.



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SC	Lindsey Graham Tim Scott	Joe Wilson (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Double B Poultry LLC		\$79,325	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Double B Poultry LLC is a poultry operation that has been in business since 2015. Project funds will be used to purchase and install a 190.0-kW solar array. This project will realize \$19,070 per year in savings and will replace 297,967 kWh per year, which is enough electricity to power 28 homes. □
SC	Lindsey Graham Tim Scott	Joe Wilson (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	F. Hamilton Dicks Company Inc.		\$83,257	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. F.H. Dicks Company Inc. has been in business since 2002. Project funds will be used for the purchase and installation of 107.8 kW roof mounted solar system on a commercial building on its agri-business operations. This project will realize \$31,250 per year in savings and will replace 186,587 kWh per year.
SC	Lindsey Graham Tim Scott	Ralph Norman (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Wild Hope Farm LLC		\$9,689	This Rural Development investment will be used to add a 14.625 kW PV system and a 5.525 kW PV system on two farm buildings. This solar system will help Wild Hope Farm to offset their energy use and production. This project will generate 18,753 kWh of electricity per year. 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.
SC	Lindsey Graham Tim Scott	Tom Rice (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Phillips Farms LLC		\$34,187	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Phillips Farms LLC is a poultry operation that has been in business since 2002. Project funds will be used for the purchase and installation of a 54.7-kW solar array. This project will realize \$6,494 per year in savings and will replace 85,234 kWh per year, which is enough electricity to power eight homes.
SC	Lindsey Graham Tim Scott	Tom Rice (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Red Legged Rooster Inc.		\$107,865	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Red Legged Rooster Inc. is a poultry operation that has been in business since 1996. Project funds will be used to purchase and install a 229.5-kW solar array. This project will realize \$23,845 per year in savings and will replace 358810 kWh per year, which is enough electricity to power 34 homes.



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SC	Lindsey Graham Tim Scott	Jeff Duncan (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Alumina LLC		\$77,302	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Alumina LLC purchased the aluminum automotive component manufacturing operation in 2013. Project funds will be used for the purchase and installation of a 200-kW solar array. This project will realize \$20,571 per year in savings and will replace 280,300 kWh per year, which is enough electricity to power 26 homes.
SC	Lindsey Graham Tim Scott	Jeff Duncan (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Woodfields Solar LLC	\$2,250,000		This Rural Development investment will be used to purchase and install a 2.92 MW solar system. Woodfields Solar LLC is a newly created entity for the purposes of generating electricity in Greenwood, South Carolina. The system is estimated to produce 5,264,637 kWh per year, which is enough electricity to power 485 homes. The purpose of this funding program is to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations.
SC	Lindsey Graham Tim Scott	Jeff Duncan (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Metal Masters Incorporated		\$60,289	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Metal Masters Incorporated manufactures fabricated structural metal and has been in business since 1973. Project funds will be used for the purchase and installation of a 115.3-kW solar array. This project will realize \$19,321 per year in savings and will replace 173,600 kWh per year, which is enough electricity to power 16 homes.
SC	Lindsey Graham Tim Scott	Ralph Norman (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Clover Knits Inc.		\$106,875	This Rural Development investment will be used to help Clover Knits Inc. install a 229.2 kW roof mounted solar array. Clover Knits Inc. is a small circular fabric manufacturer in Clover, South Carolina. The new system is expected to save \$28,592 per year. It will replace 326,835 kilowatt hours (kWh) per year, which is enough energy to power 31 homes.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Leading Edge Industries Inc.		\$46,489	This Rural Development investment will be used to help a rural business with a renewable energy system. Funds will be used to purchase and install a 20-loop geothermal heat pump system at a rural repair business located near Groton, South Dakota. This project will replace \$12,452 per year in energy costs and will generate 194,987 kilowatt hours (kWh) of electricity per year which is enough electricity to power 17 homes.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jennifer Bjorgaard		\$13,616	This Rural Development investment will be used to purchase and install a more efficient heater, doors, lights, and skylights, at an equine boarding facility located near Aberdeen, South Dakota. This project will save \$3,543.09 per year in energy costs and will save 34,313 kilowatt hours (kWh) of electricity per year (56.12 percent) which is enough electricity to power three homes.





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SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	BC&D Trucking LLC		\$17,325	This Rural Development investment will be used to purchase and install a 25.8 kilowatt (kW) ground-mounted fixed tilt solar array, at a rural trucking business located near Watertown, South Dakota. This project will replace \$743 per year in energy costs and will replace 11,092 kilowatt hours (kWh) of electricity per year (42.92 percent) which is enough electricity to power one home.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Deuel County Farmers Union Oil Company		\$55,427	This Rural Development investment will be used to provide updates to heating, ventilation, air conditioning (HVAC), lighting, and refrigeration system for a C-Store in Deuel County, South Dakota. This project will realize \$4,518 per year in savings, and will replace 54,786.40 kilowatt hours (kWh) (50.4 percent) per year, which is enough electricity to power five homes.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Paul Deboer		\$84,531	This Rural Development investment will be used to purchase and install a more efficient grain dryer, at a farm located near Milbank, South Dakota. This project will save \$8,921.99 per year in energy costs and will save 113,614 kilowatt hours (kWh) of electricity per year (50.10 percent) which is enough electricity to power 10 homes.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ryan Hoffman		\$20,000	This Rural Development investment will be used to make energy efficiency improvements with the purchase and installation of a grain dryer. This project will realize \$2,805.49 per year in savings, and will save 70,385 kilowatt hours (kWh) of electricity per year (47.5 percent) which is enough electricity to power six homes.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ryan Hoffman		\$7,713	This Rural Development investment will be used to purchase and install a direct use geothermal system for the heating and cooling of a agricultural operation building. This project will realize \$543 per year in savings, and will replace 8,619 kilowatt hours (kWh) per year, which is enough electricity to power one home.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Craig Converse		\$20,000	This Rural Development investment will be used to purchase and install a more efficient grain dryer, at a farm located near Arlington, South Dakota. This project will save \$1,399 per year in energy costs and will save 18,614 kilowatt hours (kWh) of electricity per year (35.3 percent) which is enough electricity to power one home.
SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jerald Ellefson		\$8,910	This Rural Development investment will be used to purchase and install a roof-mounted fixed tilt solar array, at a rural farm site near Flandreau, South Dakota. This project will replace \$2,179 per year in energy costs and will replace 17,857 kilowatt hours (kWh) of electricity per year (19.6 percent). 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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SD	Mike Rounds John Thune	Dusty Johnson (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Benjamin Waxdahl Matthew Waxdahl		\$20,000	This Rural Development investment will be used to purchase and install a 32.4 kilowatt (kW) solar array system. This will generate energy to operate the hog farming business located in Moody County. This project will realize \$4,610.48 per year in savings, and will replace 44,936.5 kilowatt hours (kWh) (36.5 percent) per year, which is enough electricity to power four homes.
TN	Marsha Blackburn Bill Hagerty	Charles Fleischmann (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Anastasis Wellness LLC		\$17,057	This Rural Development investment will be used to assist Anastasis Wellness LLC purchase and install energy efficient lightning and insulation. Anastasis Wellness is an existing small business that is a CrossFit gym. This project is expected to save \$1,024 dollars in energy costs per year, which is enough energy to power three homes.
TN	Marsha Blackburn Bill Hagerty	David Kustoff (08)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Alfresco Pasta LLC		\$13,202	This Rural Development investment will be used to help Alfresco Pasta LLC purchase and install energy efficient lighting and an HVAC system. Alfresco Pasta is a small business that creates hand crafted artisan pasta for local chefs and retail clients. This project is expected to save \$6,332.91 dollars in energy costs per year, which is enough energy to power five homes.
TN	Marsha Blackburn Bill Hagerty	Scott DesJarlais (04)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Morrison Industries LLC		\$9,106	This Rural Development investment will be used to help Morrison Industries LLC purchase and install energy efficient lighting. Morrison Industries is a small manufacturing business that creates highly engineered products for various market and industry sectors. This project is expected to save \$13,165 dollars in energy costs per year, which is enough energy to power nine homes.
UT	Mike Lee Mitt Romney	John Curtis (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Easy Bee Farm LLC		\$16,271	This Rural Development investment will be used to assist farmers, ranchers and small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Easy Bee Farm LLC is a family owned farm stand that raises local produce and sells to CSA and local restaurants. Project funds will be used for the purchase and installation of a 9.9 kW solar array. This project will realize \$1,769 per year in savings and will replace 14,749 kWh per year.
UT	Mike Lee Mitt Romney	Chris Stewart (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Mcpherson Land And Livestock Co. LLC		\$191,762	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. McPherson Land & Livestock is a family owned ranching operation. Project funds will be used for the purchase and installation of a 264 kW solar array. This project will realize \$36,100 per year in savings and will replace 451,251 kWh (45 percent) per year, which is enough electricity to power 41 homes.



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UT	Mike Lee Mitt Romney	Blake Moore (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Soaring Wings Properties LLC		\$49,988	This Rural Development investment will be used to purchase and install a 66 kW solar array. Soaring Wings Properties LLC is located in Park City, Utah. This project will generate enough energy to power 7 homes and will be used to offset energy needed within the facility.
UT	Mike Lee Mitt Romney	Chris Stewart (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Fassio Egg Farms INC		\$138,109	This Rural Development investment will be used to assist farmers, ranchers and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Project funds will be used by Fassio Egg Farms Inc. for the purchase and installation of a 242 kW solar array. This project will realize \$42,603 per year in savings and will replace 355,031 kWh per year, which is enough electricity to power 32 homes.
VT	Patrick Leahy Bernard Sanders	Peter Welch (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Loomis Street LLC		\$19,641	This Rural Development investment will be used to purchase and install a 27.2 kW DC roof-mounted solar array. The Ethan Allen Motel, owned by 147 Loomis Street LLC, was established in 1953. The array will replace almost a third of the classic motel's electricity, valued at over \$5,200 annually. 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.
VT	Patrick Leahy Bernard Sanders	Peter Welch (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ryea And Sons Masonry Inc.		\$7,762	This Rural Development investment will be used to purchase and install a 26.9 kW ground mounted solar array. Ryea & Sons Masonry was founded in 1973 by Richard Ryea. The family-owned business will be able to offset almost 20,000 kWh of electricity, saving over \$3,000 annually. 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.
VT	Patrick Leahy Bernard Sanders	Peter Welch (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	SL Maple Solar III LLC		\$20,000	This Rural Development investment will be used to install a 71.9 kilowatt (kW) solar array on a barn roof at the Choiniere Farms in Highgate, Vermont. SL Maple Solar III LLC will own the system and sell the estimated 74,589 kilowatts hour (kWh) produced annually to the grid. The farm owners will receive 20 percent of the value received. The energy generated by the solar array is enough to power the equivalent of 6 homes.
VT	Patrick Leahy Bernard Sanders	Peter Welch (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Big Picture Farm LLC		\$18,039	This Rural Development investment will be used to purchase and install a 32.7 kW roof mounted solar array. Big Picture Farm is a goat dairy in Southern Vermont that produces award-winning farmstead confections and cheeses with the milk from its herd of 40 goats. The system will replace 98 percent of the annual energy usage at the farm, saving over \$7,700 per year. 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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VT	Patrick Leahy Bernard Sanders	Peter Welch (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	VT-NH Veterinary Clinic Inc.		\$16,378	This Rural Development investment will be used to purchase and install a 20.7 kW roof mounted solar array. Originally founded in 1952, the Vermont-New Hampshire Veterinary Clinic is a well-established small animal and equine practice. The system will replace 76 percent of the annual energy usage at the clinic, saving over \$4,200 per year. 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.
WA	Maria Cantwell Patty Murray	Derek Kilmer (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	The Beaver Grocery Store LLC		\$12,419	This Rural Development investment will be used to purchase and install a 13.65kW PV solar array. The Beaver Grocery Store LLC is located in Beaver, Callam County, Washington. This project will replace 14483 kWh (27 percent) and realize \$1,179 of saving per year and generate power for two households. 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.
WA	Maria Cantwell Patty Murray	Suzan DelBene (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Patterson Creek Farm LLC		\$13,543	This Rural Development investment will be used to install and purchase a 21.6 kW PV solar array in rural King County. The system will produce 22,692 kWh per year, which is enough to power two homes. This project will save Patterson Creek Farm LLC \$2,223 in energy cost annually. 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	Kim Schrier (08)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Badgley Barn & Ranch LLC		\$20,000	This Rural Development investment will be used to assist a rural small businesses in developing a renewable energy systems for their operations. Badgley Barn and Ranch LLC is an existing business located in rural King County, Washington. Project funds will be used to purchase and install a 32.4-kWh solar array. This project will realize \$3,107.07 per year in savings and will replace 29,678 kWh (100 percent energy savings) per year.
WA	Maria Cantwell Patty Murray	Jaime Beutler Herrera (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Gunkel Orchards Inc.		\$20,000	This Rural Development investment will be used to assist in the purchase and installation of a 45 kW solar PV system. The recipient is an agriculture producer located in rural Klickitat County. This project will replace 55,080 kWh (28 percent) per year and realize \$104,999 of saving per year. 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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WA	Maria Cantwell Patty Murray	Cathy McMorris-Rodgers (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	GMC Joint Ventures dba Rolinco Farm		\$20,000	This Rural Development investment will be used to assist an agricultural producer add a renewable energy system to their operations. GMC Joint Ventures is an existing producer located in rural Lincoln County, Washington. Project funds will be used to purchase and install a 24-kWh solar array. This project will realize \$1,399 per year in savings and will replace 20,920 kWh (100 percent energy savings) per year.
WA	Maria Cantwell Patty Murray	Kim Schrier (08)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Anna Crane dba Pink Moon Farm		\$7,296	This Rural Development investment will be used to assist a rural small business purchase and install a 9.12 kWh solar array. Anna Crane dba Pink Moon Farm is an existing business located in rural Pierce County in Washington State. This project will realize \$628 per year in savings and will replace 8,299 kWh (88 percent energy savings) per year.
WA	Maria Cantwell Patty Murray	Rick Larsen (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Guard Electric Inc.		\$20,000	This Rural Development investment will be used to help fund the purchase and installation of a 40.3kW solar system. Guard Electric Inc. is an electrical company in rural San Juan County, Washington that owns a commercial building with three other small business tenants. The grantee and tenants will realize an estimated 32,293 kWh in business energy offset which is enough electricity to power 3 homes. Guard Electric Inc. will see \$988 each year in savings. The purpose of this funding program is to assist the rural small business in developing renewable energy systems and making energy-efficiency improvements to their operations.
WA	Maria Cantwell Patty Murray	Rick Larsen (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Christine Langley		\$2,985	This Rural Development investment will be used to assist Lopez Harvest install a 5.3 kilowatt hour (KWh) solar array. Lopez Harvest is a small business located in rural San Juan County, Washington. This project will realize \$433.53 per year in savings and will replace 5,841 kWh per year (121 percent energy savings).
WA	Maria Cantwell Patty Murray	Rick Larsen (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	The Edison Granary		\$8,239	This Rural Development investment will be used to assist a rural small businesses add a renewable energy systems to their operations. The Edison Granary is an existing business located in rural Skagit County, Washington. Project funds will be used for the purchase and installation of a 9.84 kWh solar array. This project will realize \$850.00 per year in savings and will replace 9,020 kWh (100 percent energy savings) per year.
WA	Maria Cantwell Patty Murray	Cathy McMorris-Rodgers (05)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jeff Harshman		\$9,127	This Rural Development investment will be used to assist in the purchase and installation of the 20kW solar PV system for this rural small business located in Walla Walla, Washington. This project will replace 14,950 kWh (50 percent) per year and realize \$1345 of saving per year. 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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WA	Maria Cantwell Patty Murray	Suzan DelBene (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Hindman Construction Inc.		\$6,980	This Rural Development investment will be used to assist Hindman Construction Company purchase and install a 12.41-kWh solar array. This project will realize \$1,379.20 per year in savings and will replace 10,328 kWh (74.8 percent energy savings) per year.
WA	Maria Cantwell Patty Murray	Suzan DelBene (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	J.D. Phillips & Associates Inc.		\$3,757	This Rural Development investment will be used to assist a rural small businesses develop a renewable energy systems to their operations. J.D. Phillips & Associates Inc. is an existing business located in rural Whatcom County, Washington. Project funds will be used to purchase and install a 12.84 kWh solar array. This project will realize \$1,160.50 per year in savings and will replace 11,605 kWh (50.4 percent energy savings) per year.
WI	Tammy Baldwin Ron Johnson	Tom Tiffany (07)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Barron Electric Co-Op		\$19,985	This Rural Development investment will be used to help Barron Electric Cooperative install more energy-efficient LED lighting. Barron Electric Cooperative is located in Barron, Wisconsin. This project is expected to save the cooperative \$11,157 per year in energy costs. It will also replace 154,954 kilowatt hours (72 percent of the previous lighting's energy use) per year, which is enough to power 14 homes.
WI	Tammy Baldwin Ron Johnson	Glenn Grothman (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Lapacek's Orchard LLC		\$4,483	This Rural Development investment will be used to assist Lapacek's Orchard LLC purchase and install a 11-kilowatt solar array. This project will save the orchard \$1,906 per year in energy costs and will replace 16,299 kilowatt hours of electricity (93 percent) per year.
WI	Tammy Baldwin Ron Johnson	Ron Kind (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Jerry Coleman		\$10,722	This Rural Development investment will be used to help family livestock producer Jerry Coleman purchase and install a 24-kilowatt solar array. This project will save the farmer \$3,215 per year in energy costs and will replace 28,451 kilowatt hours of electricity per year.
WI	Tammy Baldwin Ron Johnson	Glenn Grothman (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Karavan Trailers LLC		\$20,000	This Rural Development investment will be used to help Karavan Trailers LLC install more energy-efficient LED lighting. Karavan Trailers is a utility and boat trailer manufacturer located in Fox Lake, Wisconsin. This project is expected to save \$27,950 per year in energy costs. It will generate 473,729 kilowatt hours of electricity (43 percent of the dealership's energy use) per year, which is enough to power 43 homes.
WI	Tammy Baldwin Ron Johnson	Glenn Grothman (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	The Metal Ware Corporation		\$2,006	This Rural Development investment will be used to assist a rural small appliance manufacturer, The Metal Ware Corporation, purchase and install LED lighting throughout its production space, office, and warehouse. This project will save the business \$2,294 per year in energy costs.



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WI	Tammy Baldwin Ron Johnson	Ron Kind (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Cynthia Kusilek		\$10,266	This Rural Development investment will be used to help small business owner Cynthia Kusilek install a small electric solar array. The business is located in River Falls, Wisconsin. This project is expected to save the business \$2,883 per year in energy costs. It will replace 23,438 kilowatt hours (91 percent of the business's energy use) per year.
WI	Tammy Baldwin Ron Johnson	Glenn Grothman (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	HWI LLC		\$8,500	This Rural Development investment will be used to help HWI LLC install more energy-efficient LED lighting. HWI LLC is a new car dealership in Sheboygan, Wisconsin. This project is expected to save the business \$7,214 per year in energy costs. It will also generate 125,049 kilowatt hours of electricity (70 percent of the dealership's energy use) per year, which is enough to power 11 homes.
WI	Tammy Baldwin Ron Johnson	Glenn Grothman (06)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	TSWI LLC		\$16,500	This Rural Development investment will be used to help TSWI LLC install more energy-efficient LED lighting. TSWI LLC is a new car dealership in Sheboygan, Wisconsin. This project is expected to save \$13,571 per year. It will replace 242,345 kilowatt hours (70 percent of the dealership's energy use) per year, which is enough electricity to power 22 homes.
WV	Shelley Capito Joe Manchin	Alex Mooney (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Suzanne Behrmann		\$19,990	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Suzanne Behrmann owns and operates a cheese-making facility. Project funds will be used to make energy efficiency improvements with the purchase and construction of a cold-storage facility. This project will realize \$1,605 per year in savings and will reduce 9,854 kWh (50 percent) per year. The project savings is equivalent to the energy usage for the majority of one home.
WV	Shelley Capito Joe Manchin	Alex Mooney (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	J FARGO		\$15,735	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. J. Frank Fargo is a family owned insurance business in Berkeley County. Project funds will be used for the purchase and installation of a 16.6-kW solar array. This project will realize \$1,769 per year in savings and will replace 19,656 kWh (100 percent) per year, which is enough electricity to power two homes.



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WV	Shelley Capito Joe Manchin	Carol Miller (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Cardinal Builders Inc.		\$8,882	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Cardinal Construction is a construction company located in Barboursville, West Virginia. Project funds will be used for the purchase and installation of a 12-kW solar array. This project will realize \$1,912 per year in savings and will replace 14,930 kWh (44 percent) per year, which is enough electricity to power one home.
WV	Shelley Capito Joe Manchin	Alex Mooney (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Thomas O Mcateer		\$8,477	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Thomas O. McAteer owns a cattle and vegetable farm. Project funds will be used for the purchase and installation of a 10-kW solar array. This project will realize \$1,447 per year in savings and will replace 13,768 kWh (100 percent) per year, which is enough electricity to power one home.
WV	Shelley Capito Joe Manchin	Alex Mooney (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Puesta Del Sol LLC		\$13,304	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Puesta Del Sol is a family owned livestock and vegetable farm, in addition to a farm-to-table facility in Hampshire County. Project funds will be used for the purchase and installation of a 16-kW solar array. This project will realize \$2,658 per year in savings and will replace 24,165 kWh (100 percent) per year, which is enough electricity to power 2 homes.
WV	Shelley Capito Joe Manchin	David McKinley (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Bellofram Corporation		\$16,807	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. BelloFram Corporation is an existing electronics manufacturer. Project funds will be used to make energy efficiency improvements with the purchase and installation of LED Lighting. This project will realize \$1,216 per year in savings and will reduce 16,447 kWh (70 percent) per year. The energy savings will provide enough savings to power one home per year.





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WV	Shelley Capito Joe Manchin	Alex Mooney (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Fargo Insurance And Financial Serv. Inc.		\$6,176	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Fargo Insurance is a family owned insurance business in Berkeley County. Project funds will be used for the purchase and installation of a 8.96-kW solar array. This project will realize \$966 per year in savings and will replace 10,215 kWh (100 percent) per year, which is enough electricity to power the majority of one home.
WV	Shelley Capito Joe Manchin	David McKinley (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Riley Properties LLC		\$13,701	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Riley Properties owns and operates a commercial building in Fairmont where solar panels will be installed. Project funds will be used for the purchase and installation of a 26-kW solar array. This project will realize \$3,168 per year in savings and will replace 30,631 kWh (98 percent) per year, which is enough electricity to power two homes.
WV	Shelley Capito Joe Manchin	Carol Miller (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Smiley William Weatherford III		\$6,796	This Rural Development investment will be used to help Smiley Weatherford, a family owned livestock and vegetable farm, purchase and install a 8.6-kW solar array. This project will save \$1,153 per year and replace 9,297 kWh (40%) annually for the business operation, which is enough electricity to power a portion of a home.
WV	Shelley Capito Joe Manchin	David McKinley (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Seachrist And Associates AC		\$5,887	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Seachrist & Associates is a commercial building owner in Wheeling, West Virginia. Project funds will be used to make energy efficiency improvements with the purchase and installation of LED Lighting. This project will realize \$2,978 per year in savings and will reduce 24,287 kWh (27 percent) per year. The energy savings will provide enough savings to power two homes per year.
WV	Shelley Capito Joe Manchin	David McKinley (01)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Francis X. Mulkeen		\$5,825	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Francis Mulkeen is a family owned landscaping small business and vegetable farm. Project funds will be used for the purchase and installation of a 10-kW solar array. This project will realize \$1,371 per year in savings and will replace 13,719 kWh (100 percent) per year for a greenhouse and toolshed, which is enough electricity to power 1 home.



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WV	Shelley Capito Joe Manchin	Alex Mooney (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Henderson Insurance Inc.		\$3,748	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Henderson Insurance is a family owned insurance business in Putnam County. Project funds will be used for the purchase and installation of a 6-kW solar array. This project will realize \$713 per year in savings and will replace 7,944 kWh (99 percent) per year, which is enough electricity to power a portion of one home.
WV	Shelley Capito Joe Manchin	Carol Miller (03)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Ball Family Farm LLC		\$12,994	This Rural Development investment will be used to help Ball Family Farm LLC, a family owned livestock and vegetable farm in Raleigh county, purchase and install a 28.56-kW solar array. This project will save \$3,773 per year and replace 30,187 kWh (40%) annually, which is enough electricity to power two homes.
WV	Shelley Capito Joe Manchin	Alex Mooney (02)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Horsecamp LLC		\$8,446	This Rural Development investment will be used to assist farmers, ranchers, and rural small businesses in developing renewable energy systems, and in making energy-efficiency improvements to their operations. Horsecamp LLC is a family owned excavation business in Harman. Project funds will be used for the purchase and installation of a 10-kW solar array. This project will realize \$1,275 per year in savings and will replace 12,751 kWh (47 percent) per year, which is enough electricity to power one home.
WY	John Barrasso Cynthia Lummis	Liz Cheney (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Uncle Sassy Farms LLC		\$4,698	This Rural Development investment will be used to help Uncle Sassy Farms LLC purchase and install a 4.8kW PV solar array system. Uncle Sassy Farms is a locally-owned micro-sized urban farm located in Lander, Wyoming. The farm grows specialty mushrooms and microgreens. The system is estimated to generate 7,104 kWh annually is expected to save the company \$661 in electrical costs per year.
WY	John Barrasso Cynthia Lummis	Liz Cheney (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	On Point Builders LLC		\$6,250	This Rural Development investment will be used to assist On Point Builders LLC purchase and install a 14kW PV solar array system. On Point Builders is a locally-owned wood shop located in Sheridan, Wyoming. The system is estimated to generate 19,739kWh annually is expected to save the company \$1,777 in electrical costs per year.
WY	John Barrasso Cynthia Lummis	Liz Cheney (At Large)	Rural Energy for America Program (REAP) Renewable Energy and Energy Efficiency Loans and Grants	Copper Mountain Irrigation LLC		\$17,577	This Rural Development investment will be used to install a 22kW grid-tied solar PV system. The project will generate 32,319kWh of power per year with an anticipated annual savings of \$3,653. The installation will benefit Copper Mountain Irrigation, an irrigation supply and installation business in Worland, Wyoming.
				<b>TOTAL</b>		<b>\$106,271,765</b>	<b>\$7,747,928</b>



**USDA Rural Development  
Climate Change  
08.24.2022**

State	Senators	Representatives	Program	Recipient	Loan	Grant	Project Description
				<b>Grand Total</b>	<b>\$106,271,765</b>	<b>\$14,457,502</b>	