



**USDA Rural Development
Climate Change
08.24.2022**

Senators	Representative	Recipient	Grant	Project Description
Rural Energy for America Program - Grants and Loan Guarantees				
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
Mike Rounds John Thune	Dusty Johnson (At Large)	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.
		TOTAL	\$294,011	