



PROJECT OVERVIEW

The Pierre Solar Project is a 1 megawatt (MW) capacity project located on 8.9 acres in Hughes County, S.D. Pierre Solar is the largest solar project in the state, and produces clean, renewable energy using sunlight as free fuel. Commercial operation began in early October 2016.

The project is a joint effort by the City of Pierre, Geronimo Energy and Missouri River Energy Services (MRES). The City of Pierre hosts the array on the premises of the Pierre Regional Airport.

ABOUT MISSOURI RIVER ENERGY SERVICES

MRES is a wholesale electric supplier to the City of Pierre along with 59 other communities in the states of the South Dakota, North Dakota, Iowa, and Minnesota. The project is interconnected to the City of Pierre’s distribution system. The output of the solar project is purchased by MRES as part of its wholesale power supply mix.

ABOUT GERONIMO ENERGY

Geronimo Energy is a leading North American renewable energy development company headquartered in Minneapolis, Minn. Geronimo has developed over 1,600 MW of wind and solar projects that are either operational or currently under construction throughout the United States. Geronimo provides custom renewable energy development solutions for utilities and corporations looking to harness renewable energy for business growth. With deep roots in agriculture, Geronimo prides itself on developing renewable resources that are farmer-friendly, community-driven, and beneficial for rural communities.

PIERRE SOLAR GENERATION: OCTOBER 2016-APRIL 2017

Month	Year	Actual MWh	Forecasted MWh	Actual Above or Below Forecast	Capacity Factor*
October	2016	149	164	-9.1%	19.7%
November	2016	121	104	16.3%	16.5%
December	2016	98	84	16.7%	12.9%
January	2017	115	106	8.5%	15.2%
February	2017	142	118	20.3%	20.8%
March	2017	159	168	-5.4%	21.0%
April	2017	185	200	-7.5%	25.2%

*Based on 1018 kW AC

PROJECT SPECIFICATIONS

Operational Capacity: 1 MW (the largest solar project in state of South Dakota)

Location: Hughes County, S.D.

Facility Size: ~8.9 acres

Annual Electric Production: 1,932,000 kWh, which is enough to power over 200 homes

Project Equipment: 30-degree fixed-tilt photovoltaic solar panels; 4,284 multi-crystalline panels at 315 watts (DC) each; 42 24kW string inverters

Project Investment: ~\$2 million

Operational: October 2016

Project Developer: Geronimo Energy

Project Off-Taker: MRES

Project Owner: Pierre Solar, LLC

Project Operator: Best Power Int’l, LLC

Project Contractor: Fagen, Inc.

Project Host: City of Pierre

Project Contact: Dwight Jelle, dkjelle@gmail.com

