

## Ambler Solar PV

**Grantees** Alaska Village Electric Cooperative (Utility-Cooperative)  
**Technology Type** SOLAR PV  
**Region** Northwest Arctic  
**AEDG Project Code** 10076

### REF Grants Received

Round	App	Grant Title	Grant #	AEA Project #	Phase	Start Date	End Date	Status
1	75	Ambler Solar PV Construction	2195412	411002	Feasibility	8/20/08	8/30/10	Closed

### Grant 2195412: Ambler Solar PV Construction

**Project Scope:** This project is for design / permitting and construction of a photovoltaic solar energy system. A grid-tied batteryless 50.4 kW photovoltaic system will be installed on property adjacent to the Alaska Village Electric Cooperative (AVEC) power plant and tank farm in Ambler. The system will consist of 225 ea 224-watt panels on adjustable 630 sq ft. racking mounted directly on a Triodetic Multipoint foundation system. Each adjustable array utilizes one 7000 watt inverter 277 VAC power.

**Project Status:** After the initial design work was completed, the grantee and AEA determined that the project as scoped was not economically feasible due to high costs of the Triodetic foundation. The project has been closed out.

As of Nov. 30, 2013	Budget	Expenditures
Renewable Energy Funding	\$20,122.00	\$20,122.00
Other State Funding	\$0.00	\$0.00
<b>Total State</b>	<b>\$20,122.00</b>	<b>\$20,122.00</b>
Required Local Match	\$2,012.00	\$2,012.00
Federal Grant Funding	\$0.00	\$0.00
<b>Total Project Costs</b>	<b>\$22,134.00</b>	<b>\$22,134.00</b>