

**STATE OF ARIZONA
SCHOOL FACILITIES BOARD**

Meeting Date: January 20, 2010

Agenda Item X.a.

Subject: X. ARRA Energy Grant Awards

- a. Consideration and possible vote to accept, reject or modify
the adjustment of a Solar Energy Grant Award

Patagonia Elementary

Background

At the November 4, 2009 Board Meeting, SFB staff recommended the award of a 7KWdc photovoltaic system for Patagonia Elementary. At that time, staff believed Patagonia Elementary already had a 24KWdc photovoltaic system installed by Sulphur Springs Valley Electric Cooperative. It has since been clarified that the 24KWdc system was installed at Patagonia Union High School, not at Patagonia Elementary.

Based on their FY 2009 energy usage, Patagonia Elementary qualifies for up to a 30 KWdc photovoltaic system.

District	District Size (sf)	Electricity Usage for FY09		Suggested KWdc Award (up to)	Estimated KWH Production	Estimated Cost Savings (in dollars)	Estimated Cost
		KWH	Amount				
Patagonia Elementary	12,483	71,374	\$12,953	30	54,000	\$9,800	\$240,000
Total					54,000	\$9,800	\$240,000

Staff Recommendation

Staff recommends Board approval of the adjustment to the Solar Energy Grant Award for Patagonia Elementary from a 7KWdc photovoltaic system to up to a 30KWdc photovoltaic system based on their FY 2009 energy usage.

Board Action Requested: [] information [X] action / described below

Board approval of the adjustment to the Solar Energy Grant Award for Patagonia Elementary from a 7KWdc photovoltaic system to up to a 30KWdc photovoltaic system based on their FY 2009 energy usage.

Attachments: Yes [] No [X]