

**STATE OF ARIZONA  
SCHOOL FACILITIES BOARD**

**Meeting Date: November 4, 2009**

**Agenda Item IX.**

**Subject: IX. Consideration and possible vote to accept, reject or modify the Solar Energy Grant Awards**

The Governor's Office through the State Energy Office directed approximately \$5,000,000 of the State Energy Block Grant awarded as part of the federal stimulus program to the School Facilities Board for solar energy projects for schools.

The Board approved the first 15 applications at the October 8, 2009 Board meeting. The recommended award for these districts was \$2,912,000, which leaves a balance of \$2,088,000 in solar energy grant funds to be awarded. A list of the next 7 qualifying districts is attached.

After today's Board action, SFB staff will work with the awarded districts to complete the procurement of the photovoltaic systems and to identify and recapture any available rebates. As projects are completed, rebates and project savings will be returned to the Board for award to additional districts.

SFB staff is currently working with additional schools districts for presentation to the Board at the December or January meetings.

PLEASE NOTE: these awards are subject to the federal approval of an environmental survey required by the National Environmental Policy Act. The survey has been completed and submitted to the US Department of Energy. No project can go forward until approval is received.

**Board Action Requested:  information  action / described below**

Board ratification that, subject to the approval of the NEPA environmental survey, the 7 districts listed in the attached spreadsheet have successfully met the requirements for award of solar energy grants involving the installation of photovoltaic or water heating systems at the production levels (KW) indicated in that attachment. Funding for these awards is to come from the ARRA stimulus funds directed to the SFB through the Arizona Department of Commerce Energy Office.

**Attachments:  Yes  No**

Solar Energy Grant Awards

11/4/09

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				
Hackberry Elementary	16,556	117,644	\$22,823	30	54,000	\$10,476	\$240,000
Kirkland Elementary	10,452	98,058	\$16,051	30	54,000	\$8,839	\$240,000
McNeal Elementary	18,926	79,600	\$14,753	10	18,000	\$3,336	\$80,000
Patagonia Elementary	12,483	71,374	\$12,953	7	12,600	\$2,287	\$56,000
Valentine Elementary	14,460	84,000	\$14,000	30	54,000	\$9,000	\$240,000
Yarnell Elementary	16,999	101,040	\$15,526	30	54,000	\$8,298	\$240,000
Total					246,600	\$42,236	\$1,096,000

Awards 10/8/09

\$2,912,000

**Total of all awards to date:**

**\$4,018,000**

District	District Size (sf)	Electricity Usage for FY09		Suggested Solar Hot Water Award (Gallons)	Estimated KWH Savings	Estimated Cost Savings (in dollars)	Estimated Cost
		KWH	Amount				
Double Adobe Elementary	8,772	80,500	\$14,938	80	7,920	\$1,470	\$10,000