

ARRA Energy Efficiency Grant Application Evaluation (Scorecard)

District Name	School Names	Project Scope	Current Utility Budget (FY09)	Estimated	Estimated Energy	Estimated Utility	Cost Benefit Ratio (Lifecycle Payback)	Energy Savings	Energy Savings	Utility Budget Savings (%)	Life-cycle Payback (40)	Unit Reduction (Btu/sf) (20)	Unit Reduction (\$/sf) (20)	Utility Budget Impact (20)	Total Score	Grant Fund Requested	Comment
				Project Cost	Savings (MMBtu)	Cost Savings (\$)		(MBtu/sf)	(\$/sf)								
Dysart Unified District	23 schools	Lighting upgrade, Lighting control, HVAC upgra	\$4,523,512	\$5,105,927	36,481	\$1,069,309	3.04	14.03	0.41	23.26	24	12	14	13	64	\$1,000,000	Recommended to award
Marana Unified District	Mountain View High School	Lighting upgrade, Lighting control, HVAC upgra	\$563,551	\$2,318,457	6,912	\$184,090	1.21	21.12	0.56	32.67	4	19	19	19	60	\$695,537	Recommended to award
Mesa Unified District	6 schools	HVAC Control	\$1,950,395	\$869,412	8,531	\$258,487	4.36	6.51	0.20	13.25	38	6	7	8	59	\$260,824	Recommended to award
Sahuarita Unified District	SUSD High School	Lighting upgrade, HVAC control	\$393,518	\$239,847	1,361	\$57,813	3.53	7.81	0.33	14.69	29	7	12	9	56	\$71,954	Recommended to award
Higley Unified District	4 schools	Lighting upgrade, Lighting control, HVAC upgra	\$562,918	\$1,635,939	8,093	\$153,855	1.40	19.50	0.37	27.33	6	17	13	16	52	\$490,782	Recommended to award
Chino Valley Unified District	Chino Valley High	Lighting upgrade, HVAC upgrade	\$239,245	\$946,878	2,240	\$68,171	1.03	17.18	0.52	28.49	2	15	18	16	52	\$284,063	Recommended to award
Tucson Unified District	15 schools	HVAC upgrade, HVAC control, Plate & Frame E	\$2,902,225	\$2,927,332	31,539	\$462,182	2.05	20.49	0.30	15.93	13	18	10	9	51	\$878,200	Recommended to award
Sahuarita Unified District	Sahuarita Intermediate School	Lighting upgrade, HVAC control	\$123,158	\$42,074	277	\$12,582	4.26	2.55	0.12	10.22	37	2	4	6	50	\$12,622	Recommended to award
Sahuarita Unified District	Sahuarita Middle School	Lighting upgrade, HVAC control	\$202,529	\$111,202	557	\$24,317	3.20	5.92	0.26	12.01	26	5	9	7	47	\$33,361	Recommended to award
Ganado Unified District	Ganado Elementary School	Lighting upgrade, Lighting control, HVAC upgra	\$144,500	\$417,742	1,212	\$31,887	1.08	17.50	0.46	22.07	3	15	16	13	47	\$125,323	Recommended to award
Florence Unified School District	10 schools	Lighting upgrade, Lighting control, HVAC upgra	\$1,136,763	\$4,621,068	12,623	\$388,281	1.09	13.24	0.40	29.89	3	12	14	17	45	\$1,000,000	Recommended to award
Chinle Unified District	10 schools	Lighting upgrade, HVAC upgrade, HVAC contro	\$927,346	\$3,405,799	11,335	\$309,317	1.27	11.40	0.31	33.36	5	10	11	19	45	\$1,000,000	Recommended to award
Pinon Unified District	4 schools, District building	Lighting upgrade, Lighting control, HVAC contr	\$717,800	\$1,723,617	6,108	\$169,866	1.23	15.98	0.42	20.25	4	14	14	12	45	\$517,085	Recommended to award
Crane Elementary District	10 schools	Lighting upgrade, HVAC upgrade, HVAC contro	\$1,022,151	\$1,918,459	6,405	\$234,769	1.85	8.99	0.33	22.97	11	8	11	13	44	\$575,538	Recommended to award
Toltec Elementary District	Toltec Middle School	Lighting upgrade, Lighting control, HVAC upgra	\$101,000	\$337,909	462	\$15,595	1.94	2.84	0.53	15.44	12	3	18	9	42	\$101,373	Recommended to award
Isaac Elementary District	17 schools, District building	Lighting upgrade, HVAC upgrade, HVAC contro	\$1,484,401	\$3,359,648	9,217	\$333,831	1.36	10.49	0.38	22.49	6	9	13	13	41	\$1,000,000	Recommended to award
Tanque Verde Unified District	4 schools	Lighting upgrade, HVAC upgrade, HVAC contro	\$293,236	\$1,083,682	2,469	\$79,379	1.03	11.69	0.38	27.07	2	10	13	16	41	\$325,105	Recommended to award
Winslow Unified District	5 schools	Lighting upgrade, Lighting control, HVAC contr	\$604,543	\$1,968,395	7,188	\$166,286	1.15	13.86	0.31	24.37	4	12	11	14	41	\$590,518	Recommended to award
Gilbert Unified District	5 schools	Lighting upgrade, Lighting control, HVAC upgra	\$389,573	\$737,724	3,328	\$82,518	1.47	12.12	0.30	21.18	7	11	11	12	40	\$221,317	Recommended to award
Altar Valley Elementary District	Robles Elementary	Lighting upgrade, Lighting control, HVAC contro	\$72,681	\$120,990	368	\$13,719	1.52	9.97	0.37	18.88	7	9	13	11	40	\$36,297	Recommended to award
Ft Thomas Unified District	Fort Thomas Elementary	Lighting upgrade	\$84,348	\$41,456	260	\$10,191	2.87	4.55	0.18	12.08	22	4	7	7	40	\$12,437	Recommended to award
Roosevelt Elementary District	19 schools	Lighting upgrade, Lighting control, HVAC upgra	\$1,355,639	\$2,179,323	11,552	\$275,500	1.82	9.92	0.24	20.32	11	9	8	12	40	\$653,797	Recommended to award
Balsz Elementary District	5 schools	Lighting upgrade, HVAC upgrade HVAC control	\$730,609	\$1,044,111	4,300	\$126,033	1.77	10.03	0.29	17.25	10	9	10	10	39	\$313,233	Recommended to award
Sierra Vista Unified District	11 schools, District building	Lighting upgrade, HVAC upgrade HVAC control	\$1,357,330	\$1,342,512	5,907	\$212,185	2.14	6.90	0.25	15.63	14	6	9	9	38	\$402,754	Recommended to award
Queen Creek Unified District	6 schools, District building	Lighting upgrade, HVAC upgrade, HVAC contro	\$1,050,048	\$2,829,879	8,743	\$231,334	1.07	12.56	0.33	22.03	3	11	12	13	38	\$848,964	Recommended to award
Fountain Hills Unified District	Fountain Hills Middle & Senior Hg	Lighting upgrade, HVAC upgrade	\$363,363	\$706,665	2,525	\$70,146	1.70	8.09	0.22	19.30	9	7	8	11	36	\$212,000	Recommended to award
Ganado Unified District	Ganado Intermediate School	Lighting upgrade, Lighting control, HVAC upgra	\$104,000	\$336,551	837	\$26,127	1.09	8.57	0.27	25.12	3	8	9	14	34	\$100,965	Recommended to award
Chandler Unified District	Hancock Elementary	HVAC control	\$76,499	\$220,582	578	\$16,947	1.12	9.18	0.27	22.15	3	8	9	13	34	\$66,174	Recommended to award
Ganado Unified District	Ganado High School	Lighting upgrade, Lighting control, HVAC upgra	\$409,000	\$1,007,645	2,491	\$72,021	1.03	10.66	0.31	17.61	2	9	11	10	33	\$302,294	Recommended to award
Buckeye Elementary District	5 schools	Lighting Upgrade, HVAC Control	\$742,076	\$1,506,584	4,801	\$124,423	1.18	10.41	0.27	16.77	4	9	10	10	32	\$451,975	
Buckeye Union High School District	3 schools	Lighting Upgrade, HVAC Control	\$1,216,588	\$2,251,700	7,877	\$195,402	1.23	10.47	0.26	16.06	4	9	9	9	32	\$675,510	
Chandler Unified District	Payne JrHS	HVAC control	\$130,670	\$420,283	1,012	\$29,670	1.03	8.43	0.25	22.71	2	8	9	13	32	\$126,085	
Yuma Elementary District	9 schools	Lighting upgrade, HVAC control, Demand contr	\$975,627	\$557,193	2,674	\$91,910	2.17	4.76	0.16	9.42	14	4	6	6	30	\$167,158	
Tempe Elementary District	25 schools, District building	HVAC upgrade, HVAC control, Plate & Frame E	\$2,326,643	\$5,626,384	14,158	\$419,848	1.15	8.49	0.25	18.05	3	8	9	10	30	\$1,000,000	
Chandler Unified District	5 schools	HVAC control	\$436,183	\$1,370,952	3,219	\$94,355	1.01	8.18	0.24	21.63	2	7	9	12	30	\$411,285	
Chandler Unified District	Navarrete Elementary	HVAC control	\$89,112	\$258,837	616	\$18,044	1.02	8.33	0.24	20.25	2	7	9	12	30	\$77,651	
Ganado Unified District	Ganado Middle School	HVAC upgrade, HVAC control, Water Heater re	\$92,000	\$278,362	753	\$20,947	1.06	7.38	0.21	22.77	3	7	7	13	30	\$83,509	
Catalina Foothills Unified District	Catalina High School	HS Gym Relamping	\$434,171	\$21,342	159	\$4,191	3.07	0.46	0.01	0.97	24	1	1	1	27	\$6,403	
Catalina Foothills Unified District	Sunrise Drive Elementary School	Sunrise Drive Relamping Project	\$69,576	\$96,772	65	\$10,647	1.61	1.20	0.20	15.30	8	1	7	9	26	\$29,032	
Vail Unified District	11 schools, District building	Lighinting upgrade, HVAC upgrade	\$1,172,526	\$390,388	2,775	\$90,421	1.92	3.07	0.10	7.71	12	3	4	5	23	\$117,117	
Humboldt Unified District	Mountain View Elementary School	HVAC upgrade, Dema nd control ventilation	\$57,760	\$100,160	231	\$7,443	1.44	3.75	0.12	12.89	7	3	5	8	22	\$30,048	
Mesa Unified District	15 schools	Lighting Retrofit	\$1,967,077	\$1,278,813	5,967	\$139,896	1.60	5.00	0.12	7.11	8	5	5	4	22	\$383,644	
Sahuarita Unified District	SUSD Primary School	Lighting upgrade, HVAC upgrade	\$146,625	\$125,629	249	\$11,927	1.40	3.89	0.19	8.13	6	4	7	5	21	\$37,689	
Glendale Union High School District	9 schools, District building	Lighting Project	\$4,255,073	\$625,574	1,385	\$46,105	1.08	0.61	0.02	1.08	3	1	1	1	6	\$187,672	
Cost Benefit Ratio/Lifecycle Payback (40 points): The cost benefit ratio is based on proposed project savings by measure times its useful life versus grant funds requested. Cost benefit ratio = annual project savings x useful economic life/grant funds requested																	
Energy Savings measured by unit reduction (20 points): The unit reduction is based on energy savings in terms of Btu saved per square foot of the school. Energy Savings= Btu saved/School Square Footage																	
Energy Savings measured by dollar reduction (20 points): The unit reduction is based on energy savings in terms of Dollar (\$) saved per square foot of the school. Energy Savings= Dollar (\$) saved/School Square Footage																	
Impact on the School Utility Budget (20 points): The electricity and gas savings are calculated against the utility budget that includes annual cost of gas and electricity. Percent Utility Savings = 100 X Annual savings (\$) / Annual Electricity & Gas bill (\$)																	