

FY2011 Energy Conservation Investment Program (ECIP)

Project No.	Location	State	Project Description	PROJECT	SIR*	YRS
				COST		
				(\$1,000)		
Army						
76183	Fort Buchanan	PR	Install 127 Solar lights & EMCS	\$1,100	2.91	4.9
76033	Fort Greely	AK	Solar Walls & Solar Hot Water Heaters	\$1,750	3.63	4.9
76042	Camp Humphreys	KO	Ground Coupled Heat Pumps	\$2,600	2	8.2
76172	Fort Bragg	NC	Solar Walls, Daylighting, S.O.T.F.	\$1,750	1.74	10.7
73929	Sea Girt	NJ	Install 1.5MW Wind Turbine	\$5,100	2.08	6.9
76103	Fort Indiantown Gap	PA	GSHP, Solar HW Heater	\$800	2.11	10.4
75937	Rock Island Arsenal	IL	Upgrade Unit 10 Hydropower Turbine	\$2,150	1.06	14.0
75513	Fort Drum	NY	Solar Walls	\$2,000	1.15	14.0
71457	Hawthorne AD	NV	Install 196 Solar Lights	\$1,000	1.25	11.3
75954	Schofield Barracks	HI	Solar Water Heating System	\$540	1.44	9.7
76125	Fort Riley	KS	Solar Water Heater for 13 Barracks & Pool	\$1,310	3.71	2.7
75907	USAG Hohenfels	GY	Solar Water Heating System for 13 Buildings	\$1,550	1.53	12.3
75932	Letterkenny AD	PA	GSHP for 28 Buildings	\$3,900	3.43	5.3
76151	Fort Bragg	NC	Recommissioning, H Area	\$2,500	3.48	2.5
75940	Wiesbaden	GY	Install Radiant Heat in 8 Buildings	\$1,450	4.19	4.8
75895	USAG Natick	MA	High Efficiency Lighting & Switches	\$1,200	3.2	2.4
75745	Fort Carson	CO	Expand EMCS System to 27 Buildings	\$1,950	1.56	9.7
76106	USAG Schweinfurt	GY	Install Radiant Heat in 9 Buildings	\$1,050	3.93	5.1
76152	Fort Polk	LA	Interior Lighting, ECM Pkg 3, PH 2	\$2,300	1.75	5.0
75690	Fort Carson	CO	Solar PV System 100KW	\$754	1	20.0
76156	Fort Bragg	NC	Retrocommissioning D Area Buildings	\$5,583	3.25	2.6
76158	Fort Bragg	NC	Retrocommissioning 4th BCT	\$1,042	4.35	2.0
Army Total				\$43,379	2.55	6.9
Navy						
P-1201	NSA Norfolk	VA	GSHP and Solar Wall	\$1,253	1.36	9.9
P-1207	NAS Lemoore	CA	Daylighting and PV	\$964	1.05	13.5
P-1030	NAB Little Creek	VA	Solar Ventillation Preheat	\$744	1.50	9.4
P-1203	NSA Souda Bay	CR	Solar Water Heating	\$595	1.12	16.9
P-1205	NAF Atsugi	JA	Solar Heating - Pool	\$784	2.48	7.6
P-1028	NB Guam	GU	6 MW Wind Farm	\$18,479	3.74	4.0
Navy Total				\$22,819	3.31	5.3
Marine Corps						
P960	MCLB Albany	GA	Geothermal Heat Pumps	\$3,500	1.25	14.6
BEPW10992EIP	MCAS Beaufort	SC	Energy Conservation Measures	\$758	2.00	7.0
PE1291M	MCB Camp Pendleton	CA	Solar Thermal & PV - Area 43 Training Pool	\$729	1.54	10.8
PE1292M	MCB Camp Pendleton	CA	Solar Thermal & PV - Area 33 Training Pool	\$490	1.12	14.8
Marine Corp Total				\$5,477	1.38	13.1
Air Force						
TYFR090274	Ramstein	GY	INSTALL PHOTOVOLTAIC SYSTEM	\$765	1.44	10.4
TYFR090277	Ramstein	GY	INSTALL PHOTOVOLTAIC SYSTEM	\$719	1.40	10.4
TYFR090275	Ramstein	GY	INSTALL PHOTOVOLTAIC SYSTEM	\$520	1.43	10.4
TYFR090276	Ramstein	GY	INSTALL PHOTOVOLTAIC SYSTEM	\$494	1.40	10.4
AQRC059358	Atlantic City	NJ	Photovoltaic Generation System	\$3,700	1.71	9.0
PTFL081034	McGuire	NJ	(MEBI) INSTALL SOLAR PANELS @ FITNESS CEN	\$1,519	1.60	10.8
MQNA081026	Lajes Field	PO	Replace & Upgrade Water SCADA & EMCS/	\$1,110	13.90	1.2
MQNA016001A	Lajes Field	PO	Repair Water Service Lines, Multi	\$600	6.80	2.0
QUUG107001	Moron	SP	Install Non Potable Water System	\$1,200	2.80	5.0
FTFA091126	Eglin	FL	Leak Detection & Repair	\$750	2.50	8.0
X1.WU081046	Tyndall	FL	Reclaimed Water Irrigation	\$3,255	1.85	18.0
WWCX031004A	Thule	GR	EMCS	\$4,500	4.00	3.8
FXSB091764	Elmendorf	AK	HVAC Retro commisioning-Ph I	\$2,830	3.40	3.2
FTFA091158	Eglin	FL	DDC Energy Mgmt System Upgrade	\$6,724	2.98	2.8 257

MXRD093005	Hanscom	MA	Repair Chiller Controls B1201	\$1,950	3.37	3.5
JFSD200820	Grand Forks	ND	Replace Interior Lighting	\$1,316	3.17	6.0
TYMX823079	Randolph	TX	Cns Chiller/TES Plant	\$1,200	2.80	6.4
ANZY080125E	Arnold	TN	Test Area Energy Improvements	\$821	2.40	5.0
QYZH080018	Mtn Home	ID	Repair Infrared Heaters, Multi Facilities	\$1,180	2.36	5.9
Air Force total				\$35,153	3.12	6.5

DeCA

EU11ME01	Rota Commissary	SP	Facility Energy Improvements	\$220	1.25	9.8
EU11ME02	Lajes Field Commissary, Azores	PO	Facility Energy Improvements	\$240	2.20	5.5
EU11ME03	Izmir Commissary	TR	Facility Energy Improvements	\$180	1.30	9.6
EU11ME04	Incirlik Commissary	TR	Facility Energy Improvements	\$260	1.40	8.7
DeCA total				\$900	1.56	8.3

DIA

DIA 10-006	Bolling AFB	MD	Apply Solar Film on Atrium Glass (DIAC-E)	\$90	1.19	11.7
DIA 10-007	Bolling AFB	MD	Demand-Based Ventilation Controls (DIAC)	\$80	3.09	4.5
DIA Total				\$170	2.08	8.3

DLA

	DESSP	PA	Upgrade lighting & controls bldg 52, 80, & 89	\$1,413	3.32	4.5
CSC-01553	DES-C	OH	Light & Controls Upgrades BLDGS	\$668	1.40	7.9
CSC-08787	DES-C	OH	Base-Wide UMCS / EMCS Def. Sup. Cntr., Columbus	\$807	1.80	5.2
DLA Total				\$2,888	2.45	5.5

TMA

ST023-11	Nav Med Center San Diego	CA	Install solar (PV) system - rooftop, Bldg 2S	\$1,245	0.99	14.0
	Fort Detrick	MD	Install HVAC Controls	\$754	11.12	1.5
NF002-10	NAVHOSP Jacksonville	FL	Install 5 new steam boilers - Building 2080	\$924	9.17	1.4
	Fort Polk	LA	Install Energy Efficient Lighting	\$395	5.94	2.5
TMA Total				\$3,318	6.16	6.3

OSD

Energy Security Testing and Certification Projects				\$5,896		
OSD total				\$5,896		

* SIR is savings to Investment ratio. (\$ saved / \$ invested)

Program Total \$120,000 2.77 6.4