

**FY2014 Energy Conservation Investment Program, Congressional Notification
FY2014 ECIP Project List**

Project No.	Location	State	Project Description	Project Cost (\$000)	SIR*	
Army						
80786	Dugway Proving Ground	UT	2MW Solar Photovoltaic Array	\$ 9,966	1.2	
78808	Tooele Army Depot	UT	Install 1500 KW Wind Turbine	\$ 5,900	1.3	
79085	Tooele Army Depot	UT	Energy Management Control System	\$ 5,500	1.8	
80854	Tooele Army Depot	UT	Microgrid	\$ 4,300	1.8	
80976	Parks DRTA	CA	Energy Management Control System	\$ 4,150	1.8	
79681	US Military Academy	NY	Steam to Gas conversion	\$ 3,405	2.4	
62518	Anniston Army Depot	AL	Siding Replacement and Insulation	\$ 2,700	2.1	
80496	Devens	MA	252 Ton GSHP and HVAC Replacement	\$ 2,600	1.3	
76146	Topeka Readiness Center	KS	Geothermal and Occupancy Sensors	\$ 2,050	1.5	
79700	Sierra Army Depot	CA	Solar Day lighting - Warehouses	\$ 1,900	1.5	
76148	Oklahoma Military Department	OK	JFHQ Mechanical System Upgrade	\$ 1,050	2.0	
Army Program Totals				11 Projects	\$ 43,521	1.6
Navy						
P-311	CFA Sasebo	Japan	Energy-Steam Decentralization Main Base	\$ 14,800	3.5	
SP-3	Camp Smith	HI	SPIDERS Phase III Microgrid	\$ 8,000	1.4	
P-213	NSA Hampton Roads	VA	Energy Conservation Improvements HQ OPCON Center - NH 95	\$ 4,240	1.5	
P-1017	NAS Sigonella	Italy	Natural Gas upgrade	\$ 3,865	3.9	
P-1509	NAS Jacksonville	FL	Building 868 Facility Energy Modernization	\$ 2,940	4.5	
P-478	NAS Corpus Christi	TX	DDC Controls for 16 Buildings	\$ 2,680	2.2	
P-648	Sub Base Kings Bay	GA	Upper Base Wastewater Effluent Reuse	\$ 2,160	1.7	
P-076	NAS/JRB Fort Worth	TX	Basewide EMCS Expansion 18 Buildings	\$ 920	2.7	
P-437	Naval Base Kitsap	WA	Energy-Water Conservation	\$ 920	1.6	
P-510	JEB Little Creek Fort Story	VA	Energy-Renewable Upgrades	\$ 850	1.6	
P-180	Naval Station Everett	WA	Recommissioning Restoration and Modernization of 27 Buildings	\$ 1,050	2.0	
Navy Program Totals				11 Projects	\$ 42,425	2.7
USMC						
P-906	MCAS Miramar	CA	Base Wide Mirco-Grid with Renewable Pwr	\$ 17,968	0.6	
USMC Program Totals				1 Project	\$ 17,968	0.6
USAF						
ZNRE121809	Yokota	Japan	Decentralize heating w/gas	\$ 5,674	2.2	
WWCX091011	Thule	Greenland	Install M-Plant Cooling system	\$ 5,175	2.9	
VNVP121012	Sheppard	TX	LED Lighting Retrofit Street and Parking Lot Lights	\$ 3,779	2.6	
KNMD119002	Hickam	HI	Solar PV system 1	\$ 3,100	1.4	
KNMD119003	Hickam	HI	Solar PV system 2	\$ 3,000	1.5	
MXDP123000P2	Laughlin	TX	Install Basewide Xeriscaping	\$ 3,157	1.9	
OY2H128003	Mt Home	ID	Install Efficient Irrigation and Landscaping	\$ 2,630	1.6	
VLSB130007	Shaw	SC	Convert Oil Fired Boilers to Gas	\$ 2,500	1.8	
TYFR121139	Ramstein	Germany	EMCS	\$ 2,140	2.6	
VKAG113005	Seymour-Johnson	NC	Basewide LED Lights	\$ 1,950	1.8	
TYMX823079	Randolph	TX	B498 Chiller Plant Thermal Storage	\$ 1,200	2.0	
ANZY110037	Arnold	TN	Install Steam Trap Monitors	\$ 825	2.9	
USAF Program Totals				12 Projects	\$ 35,130	2.1
DIA						
DIA 001	Charlottesville	VA	Heat Recovery Chiller for JUIAF	\$ 500	1.3	
DIA Program Totals				1 Project	\$ 500	1.3
DLA						
SCR-15E01	Richmond	VA	Install Solar Thermal Roofs on Bldgs. 13,40, and 80	\$ 1,315	1.2	
EUR14003	Germersheim	Germany	PV System, Distribution Bldg.	\$ 1,255	1.2	
SPN-12E03	Susquehanna	PA	Install Solar Thermal Wall on Bldgs. 760 and 732 (Option)	\$ 225	2.2	
DLA Program Totals				3 Projects	\$ 2,795	1.3
NRO						
WF-12-001	NRO HQ Westfields	VA	Water Source Heat Pump Energy Recovery of Ventilation Air	\$ 850	2.2	
NRO4	Aerospace Data Facility	CO	Office Area Lighting Retrofits	\$ 670	1.5	
NRO3	Aerospace Data Facility	CO	Mech Area Lighting Retrofits	\$ 180	2.8	
NRO Program Totals				3 Projects	\$ 1,700	2.0
TMA						
81082	Tripler Army Medical Center	HI	ECIP EMCS Upgrade 11	\$ 867	1.7	
81091	Tripler Army Medical Center	HI	ECIP EMCS Upgrade 12	\$ 867	1.7	
P-1204	Naval Hopsital Bremerton	WA	ECIP Facility Energy Improvements	\$ 579	4.6	
P-1205	Cheatham Annex	VA	ECIP replace Lighting Fixtures	\$ 130	1.9	
TMA Program Totals				4 Projects	\$ 2,443	2.4
WHS						
ECIP14PEN02	Pentagon	VA	Recommissioning, Phase 4	\$ 2,120	2.4	
ECIP14RRMC1	Raven Rock Mountain Complex	PA	Replace Domestic Hot Water and DX Vault Cooling Systems	\$ 1,398	1.8	
WHS Program Totals				2 Projects	\$3,518	2.2
ECIP Program Totals				48 Projects	\$150,000	2.0

*SIR is Savings to Investment Ratio (\$ est. discounted lifetime savings / \$ invested)

Energy Efficiency Subtotal (32 Projects)	\$83,204
Renewable Energy Subtotal (9 Projects)	\$27,661
Water Conservation Subtotal (4 Projects)	\$8,867
Energy Security Subtotal (3 Projects)	\$30,268

**FY2014 Energy Conservation Investment Program, Congressional Notification
Changes to Previously Notified ECIP Projects**

FY	Component	Project No.	Location	State	Project Description	Original	Revised	Disposition
						Programmed Amount	Amount	
2012	Army	PN-78870	Rock Island Arsenal	IL	Solar Wall for Building 212	\$0	\$890,000	Added
2012	Army	75934	Letterkenny Army Depot	PA	Install Solar Walls Heating System	\$1,150,000	\$1,513,000	Increased
2013	Army	PN-78781	Kelley Barracks	Germany	Replace Existing Street Lights with LED Lights	\$1,550,000	\$1,550,000	Scope modified
2013	Army	78801	Chievres Air Base	Belgium	Install a 187 kW Solar PV Array	\$1,400,000	\$1,400,000	Increased
2013	Army	73043	Anniston Army Depot	AL	Lighting Improvements	\$1,100,000	\$1,147,000	Scope modified
2013	Army	PN-77029	Fort Bliss	TX	Install a Fixed Microgrid System	\$5,700,000	\$6,741,000	Increased
2013	Army	PN-78680	White Sands Missile Range	NM	90 KW Solar PV and DDC	\$1,200,000	\$1,088,000	Scope modified
2013	Army	PN-80359	Camp Parks	CA	2MW Solar Photovoltaic Array	\$9,256,000	\$6,459,000	Decreased
2013	Army	78938	Rock Island Arsenal	IL	Factory Lighting Improvements	\$1,250,000	\$1,792,000	Increased
2011	Navy	P-1205	NAF Atsugi	Japan	Construct Solar Thermal, Bldgs 609 & 1290	\$1,900,000	\$1,900,000	Scope modified
2011	Navy	P-1015	NAS Sigonella	Italy	New PV Farm at Weapons Area	\$0	\$6,121,000	Added
2013	Navy	P-370	NAS Lemoore	CA	Base-wide VFD Retrofit	\$970,000	\$640,000	Scope modified
2013	Navy	P-089	JB Pearl Harbor Hickam	HI	Construct LPA Satellite Compressor System	\$6,610,000	\$8,290,000	Scope modified
2013	Navy	P-503	Panama City	FL	DDC Controls & Solar Water Heating	\$1,710,000	\$1,110,000	Scope modified
2010	Air Force	EW201018	Davis-Monthan AFB	AZ	Concentrated Solar Air Conditioning for Youth Center	\$598,000	\$1,298,000	Increased
2012	Air Force	GLEN111410	Schriever	CO	Install Chiller Sequencing DDC Panel B600	\$2,310,000	\$4,990,000	Increased
2012	Air Force	AGGN101084	Altus AFB	OK	Install VCEP for 22 Buildings	\$5,700,000	\$0	Canceled
2012	Air Force	DBHQ10300	Cape Cod AFB	MA	Install Two Wind Turbines	\$11,500,000	\$8,319,138	Decreased
ARRA	Air Force	LKTC081013	Creech AFB	NV	Install Ground Source Heat Pumps	\$1,397,000	\$0	Canceled
	Air Force	KRSM143002	Hill AFB	UT	LED Exterior Base Lighting	\$0	\$1,200,000	Added
2011	TMA	P-003	NAS Jacksonville	FL	Lighting Controls at east Annex	\$0	\$212,000	Added
2012	NRO	ECIP-ADF-C 00001	Fort Belvoir	VA	2 MW Bloom Box Fuel Cell	\$2,000,000	\$0	Canceled
2012	NRO		Buckley AFB	CO	Lighting Improvements	\$0	\$660,000	Added
2012	NRO		Buckley AFB	CO	Facility Energy and Water Conservation Measures	\$0	\$870,000	Added