

**FY2013 Energy Conservation Investment Program, Congressional Notification  
FY2013 ECIP Project List**

Project No.	Location	State	Project Description	Project Cost (\$000)	SIR*	
<b>Army</b>						
72923	Fort Hunter Liggett	CA	1 MW Solar Micro Grid (Cantonment 3)	\$9,600	1.03	
80359	Parks RFTA	CA	2 MW Solar PV	\$9,256	1.56	
77029	Fort Bliss	TX	Install a Fixed Microgrid System	\$5,700	1.09	
79561	Fort Carson	CO	Expand Non-Potable Water System	\$4,000	1.34	
78470	Tobyhanna AD	PA	Solar Walls in Eleven Buildings	\$4,000	1.39	
77795	Sea Girt	NJ	500 KW Solar PV	\$3,000	1.91	
78570	Fort Bragg	NC	Solar Heating and DDC Conversion	\$2,700	1.73	
78977	Fort Bliss	TX	Street - Parking Light Retrofit	\$2,600	1.43	
78781	Kelley Barracks	Germany	Replace Existing Street Lights with LED Lights	\$1,550	1.81	
79435	Kwajalein Atoll	Marshall	Lighting Retrofit	\$1,500	1.77	
78801	Chievres Air Base	Belgium	Install a 187 kW Solar PV Array	\$1,400	1.13	
78938	Rock Island Arsenal	IL	Factory Lighting Improvements	\$1,250	2.62	
78680	White Sands Missile Range	NM	Solar Hot Water and DDC Controls	\$1,200	2.14	
73043	Anniston AD	AL	Lighting Improvements	\$1,100	1.40	
<b>Army Program Totals</b>				<b>14 Projects</b>	<b>\$48,856</b>	<b>1.4</b>
<b>Navy</b>						
P-536	NSA Mechanicsburg	PA	Energy Recirculation System Bldg 633 Complex	\$19,926	4.79	
P-089	JBPHH/CNRH	HI	Construct LPA Satellite Compressor System	\$6,610	3.80	
P-131	NAVSTA Rota	Spain	Solar Thermal for Domestic Hot Water (DHW) in 13 barracks	\$2,671	3.67	
P-434	NAS Fallon	NV	Energy Management Control System in BQ	\$1,970	2.75	
P-503	NSA Panama City	FL	DDC Controls & Solar Water Heating	\$1,710	2.81	
P 992	Souda Bay	Greece	Building Envelope Upgrades on Several Buildings	\$1,626	3.60	
P-1016	NAS Sigonella	Italy	Irrigation effluent upgrade	\$877	2.92	
P-090	JBPHH/CNRH	HI	Install PV and Cool Roof at B-284 Fire Station JBPHH	\$790	1.97	
P-435	NB Kitsap/ Bremerton	WA	Energy - Transpired Solar Collector	\$770	1.71	
P-968	NSA Bahrain	Bahrain	Water Conservation Measures	\$700	3.48	
<b>Navy Program Totals</b>				<b>10 Projects</b>	<b>\$37,650</b>	<b>4.1</b>
<b>Marine Corps</b>						
P-687	MCB Quantico	VA	CHP Microturbine Plant Camp Barrett	\$7,943	0.49	
P-1449	MCB Camp Lejeune	NC	Steam Decentralization Courthouse Bay	\$5,701	1.92	
<b>Marine Corps Program Totals</b>				<b>2 Projects</b>	<b>\$13,644</b>	<b>1.1</b>
<b>Air Force</b>						
DXEB113001	Clear	AK	Const Electrical Grid Connection & Replace Central Heat System	\$15,121	14.52	
NZAS061040B	Malmstrom	MT	Replace EMCS	\$6,000	1.38	
ANZY110019	Arnold	TN	Steam Distribution Reduction	\$3,606	2.11	
<b>Air Force Program Totals</b>				<b>3 Projects</b>	<b>\$24,727</b>	<b>9.5</b>
<b>TRICARE Management Agency</b>						
P-001	NH Beaufort	SC	Facility Energy Improvements, Building 1	\$981	6.20	
PN 80931	TAMC/Hawaii	HI	EMCS Upgrade Ph. 9	\$657	1.50	
PN 80930	TAMC/Hawaii	HI	EMCS Upgrade Ph. 8	\$415	1.70	
P-004	NMC Portsmouth	VA	Decentralize Inefficient Steam / HHW System, Bldg 3	\$330	24.80	
P-002	NH Beaufort	SC	Lighting Systems Upgrades, Building 1	\$263	1.80	
<b>TMA Program Totals</b>				<b>5 Projects</b>	<b>\$2,646</b>	<b>1.8</b>
<b>Defense Logistics Agency</b>						
SPN-13E01	Susquehanna	PA	Install Solar Thermal Walls on Bldgs. 82, 83,84, and 85	\$2,926	3.35	
<b>DLA Program Totals</b>				<b>1 Project</b>	<b>\$2,926</b>	<b>3.4</b>
<b>National Reconnaissance Office</b>						
10-2103-C	Aerospace Data Facility	CO	Waterside Economizer for Chiller Plant	\$3,310	1.25	
<b>NRO Program Totals</b>				<b>1 Project</b>	<b>\$3,310</b>	<b>1.3</b>
<b>Washington Headquarters Service</b>						
ECIP13-PEN1	Pentagon Reservation	VA	Data Center Energy Improvements	\$2,360	4.30	
ECIP13-PEN2	Pentagon Reservation	VA	Recommissioning Phase 2	\$2,120	3.30	
<b>WHS Program Totals</b>				<b>2 Projects</b>	<b>\$4,480</b>	<b>3.8</b>
<b>ECIP Program Totals</b>				<b>38 Projects</b>	<b>\$138,239</b>	<b>3.7</b>

**FY2013 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	Programmed Amount	
ARRA	Army	PN-81006	Fort Hunter Liggett	CA	1 MW Grid Energy Storage System	\$0	\$2,850,000	Added
ARRA	Army	PN-81729	Ft. Hood	TX	Plug In Electric Vehicle Charging Infrastructure	\$0	\$1,338,000	Added
2010	Army	PN-78827	Iowa AAP	IA	Replace Steam Heat with Geothermal	\$1,000,000	\$1,443,038	Increased
2011	Army	PN-76103	Fort Indiantown Gap	PA	Central Boiler Plant Fuel Conversion	\$810,000	\$810,000	Scope Change
2012	Army	PN-77069	Ft. Bragg	NC	Transpired Solar Collectors for Various Buildings	\$1,550,000	\$2,752,000	Increased
2012	Army	PN-78346	Wailuku Army Reserve Center	HI	100KW Solar Electric System	\$1,100,000	\$1,695,000	Increased
2012	Army	PN-78658	Kwajalein	MI	468 KW Solar PV System	\$6,400,000	\$3,593,000	Decreased
2012	Army	PN-78823	Tooele	UT	1500KW Stirling Engine Solar Array	\$8,200,000	\$10,314,000	Increased
2012	Army	PN-78807	Presidio of Monterey	CA	1 MW Solar Grid	\$5,100,000	\$5,100,000	Location Change
2012	Army	PN-81006	Fort Hunter Liggett	CA	1 MW Grid Energy Storage System	\$2,850,000	\$4,638,000	Increased
ARRA	Navy	P-009	NWS China Lake	CA	Plug In Electric Vehicle Charging Infrastructure	\$0	\$1,385,000	Added
ARRA	Navy	P-0796	NAS Pensacola	FL	Replace Street and Walkway Lights w/ LED	\$0	\$1,902,000	Added
ARRA	Navy	P-728	NS Norfolk	VA	Solar & Lighting	\$1,257,000	\$628,000	Canceled
ARRA	Navy	P-764	NS Norfolk	VA	Solar & Lighting	\$1,022,000	\$450,000	Canceled
ARRA	Navy	P-859	NAS Oceana	VA	Solar Ventilation Preheat	\$825,000	\$222,000	Canceled
2010	Navy	P-1013	NAS Sigonella	IT	Solar Hot Water	\$1,009,000	\$379,000	Decreased
2010	Navy	P-362	NAS Lemoore	CA	Solar Thermal Heating Systems	\$2,783,000	\$0	Canceled
2010	Navy	P-1024	NSWC Andros Is.	Bahamas	1MW Wind Turbine	\$6,516,000	\$7,256,000	Increase
2011	Navy	P-1203	NSA Souda Bay	Greece	Solar Water Heating	\$595,000	\$0	Canceled
2011	Navy	P-237	NAS Whidbey Island	WA	Ground Source Heat Pump	\$2,215,000	\$0	Canceled
2011	Navy	P-361	NSA Crane	IN	Water Plant Back Flush Reuse	\$455,000	\$695,000	Increased
2012	Navy	P-1102	NAS Naples	Italy	345KW Solar PV	\$2,867,000	\$0	Canceled
2012	Navy	P-647	NSB Kings Bay	GA	Solar Energy Projects	\$666,000	\$754,000	Increased
2012	Navy	P-837	NSA Monterey	CA	Solar Thermal Water	\$1,940,000	\$0	Canceled
2011	USMC	P-1291	Camp Pendleton	CA	Solar Thermal & PV Area 43 Training Pool	\$729,000	\$0	Canceled
2012	USMC	P-961	MCLB Albany	GA	Landfill Gas Generator	\$3,504,000	\$4,565,000	Increased
ARRA	Air Force	AJXF-136001	Andrews AFB	MD	Plug In Electric Vehicle Charging Infrastructure	\$0	\$839,000	Added
ARRA	Air Force	DBQT080001	Cape Lisburne	AK	Construct Wind Generator	\$5,609,000	\$904,000	Canceled
ARRA	Air Force	DBWT030002	Cape Romanzof	AK	Construct Wind Generator	\$6,050,000	\$1,141,000	Canceled
ARRA	Air Force	PTFL123002	Joint Base McGuire-Dix-Lakehurst	NJ	Plug In Electric Vehicle Charging Infrastructure	\$0	\$1,499,000	Added
2011	Air Force	CRWU092007	Buckley	CO	Well Water for Irrigation Use	\$2,500,000	\$1,003,976	Canceled
2011	Air Force	FTEV073002	Eglin	FL	Expand Dorm Chiller Plant	\$0	\$1,400,000	Added
2011	Air Force	GHLN127005	FE Warren	WY	Replace Blue Grass with Buffalo Grass	\$0	\$820,000	Added
2011	Air Force	MAHG081036	Keesler AFB	MS	Expand Chiller Plant	\$900,000	\$1,200,000	Increased
2011	Air Force	QYZH080018	Mtn Home AFB	ID	Install Infrared Heater Controls, 17 Facilities	\$1,200,000	\$564,569	Decreased
2012	Air Force	MXDP123000	Laughlin	TX	Install Base-wide Xeriscape	\$0	\$4,800,000	Added
2009	TMA	80932	Tripler Army Medical Center	HI	EMCS Upgrades, Ph 10	\$0	\$440,000	Added
2011	TMA	NF002-10	Jacksonville	FL	Install 5 new steam boilers - Building 2080	\$924,000	\$0	Canceled
2011	TMA	P-1203	San Diego	CA	Upgrades to Building 624, Medical Clinic	\$0	\$968,000	Added