

FY2013 Energy Conservation Investment Program (ECIP)

| Project No. | Location | State | Project Title | Project Cost (\$000) | SIR* |
|--|-------------------------|--------------|---|-----------------------------|-------------|
| <u>Army</u> | | | | | |
| 72923 | Fort Hunter Liggett | CA | 1 MW Solar Micro Grid (Cantonment 3) | \$ 9,600 | 1.05 |
| 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 | \$ 3,950 | 1.39 |
| 77795 | Sea Girt | NJ | 500 KW Solar PV | \$ 3,000 | 1.48 |
| 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 Is. | Lighting Retrofit | \$ 1,500 | 1.77 |
| 78938 | Rock Island | IL | Factory Lighting Improvements | \$ 1,250 | 2.62 |
| 78680 | White Sands Missile | NM | Solar Hot Water and DDC Controls | \$ 1,200 | 2.14 |
| 73043 | Anniston AD | AL | Lighting Improvements | \$ 1,100 | 1.40 |
| 78927 | Camp Walker | Korea | Lighting Retrofit | \$ 1,000 | 1.48 |
| 78870 | Rock Island Arsenal | IL | Solar Wall for Building 212 | \$ 890 | 1.44 |
| 78827 | Iowa AAP | IA | Geothermal and PV | \$ 560 | 1.78 |
| Subtotal Army (16 projects) | | | | \$ 49,856 | 1.42 |
| <u>Navy</u> | | | | | |
| P-536 | NSA Mechanicsburg | PA | Energy Recirculation System at Bldg 633 Complex | \$ 19,926 | 4.79 |
| P089 | JB Pearl Harbor-Hickam | HI | Construct LPA Satellite Compressor System | \$ 6,610 | 3.80 |
| P-1015 | NAS Sigonella | Italy | Large Scale Photovoltaic (PV) Plant - Weapons Area | \$ 6,121 | 1.92 |
| P131 | NAVSTA Rota | Spain | Solar Thermal for Domestic Hot Water (DHW) in 13 barracks | \$ 2,671 | 3.67 |
| P434 | 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 |
| P090 | JB Pearl Harbor-Hickam | HI | Install PV and Cool Roof at B-284 Fire Station JBPHH | \$ 790 | 1.97 |
| P435 | NB Kitsap/ Bremerton | WA | Energy - Transpired Solar Collector | \$ 770 | 1.71 |
| P968 | NSA Bahrain | Bahrain | Water Conservation Measures | \$ 700 | 3.48 |
| Subtotal Navy (11 projects) | | | | \$ 43,771 | 3.79 |
| <u>Marine Corps</u> | | | | | |
| P687 | MCB Quantico | VA | CHP Microturbine Plant Camp Barrett | \$ 7,943 | 0.49 |
| LE12E600M | MCB Camp Lejeune | NC | Steam Decentralization Courthouse Bay | \$ 5,701 | 1.92 |
| Subtotal Marine Corp (2 projects) | | | | \$ 13,644 | 1.09 |
| <u>Air Force</u> | | | | | |
| DXEB113001 | Clear | AK | Const Electric. Grid Connection & Replace Central Heat | \$ 15,337 | 8.42 |
| YWHG120201 | Whiteman | MO | Construct Energy Recovery System | \$ 6,000 | 1.41 |
| MXDP123000 | Laughlin | TX | Install Base-wide Xeriscape | \$ 4,800 | 1.00 |
| ANZY110019 | Arnold | TN | Steam Distribution Reduction | \$ 3,606 | 1.70 |
| Subtotal Air Force (4 projects) | | | | \$ 29,743 | 4.99 |
| <u>DLA</u> | | | | | |
| SPN-13E01 | Susquehanna | PA | Install Solar Thermal Walls on Bldgs. 82, 83,84, and 85 | \$ 2,550 | 3.82 |
| Subtotal DLA (1 project) | | | | \$ 2,550 | 3.82 |
| <u>NRO</u> | | | | | |
| 10-2103-C | Aerospace Data Facility | CO | Waterside Economizer for Chiller Plant | \$ 3,310 | 1.25 |
| Subtotal NRO (1 project) | | | | \$ 3,310 | 1.25 |
| <u>TMA</u> | | | | | |
| P-001 | NH Beaufort | SC | Facility Energy Improvements, Building 1 | \$ 981 | 6.20 |
| MEDCOM-3 | TAMC/Hawaii | HI | EMCS Upgrade Ph. 9 | \$ 657 | 1.81 |
| MEDCOM-2 | TAMC/Hawaii | HI | EMCS Upgrade Ph. 8 | \$ 415 | 2.02 |
| 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 |
| Subtotal TMA (5 projects) | | | | \$ 2,646 | 6.34 |
| <u>WHS</u> | | | | | |
| 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 |
| Subtotal WHS (2 projects) | | | | \$ 4,480 | 3.83 |
| Program Total (42 projects) | | | | \$ 150,000 | 2.99 |

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