



OFFICE OF THE UNDER SECRETARY OF DEFENSE

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WASHINGTON, DC 20301-3000

ACQUISITION,  
TECHNOLOGY  
AND LOGISTICS

OCT 03 2007

The Honorable Ike Skelton  
Chairman, Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515-6035

Dear Mr. Chairman:

Pursuant to title 10, United States Code, section 2914(b), the Department intends to modify the enclosed Energy Conservation Investment Program project list for FY 2007.

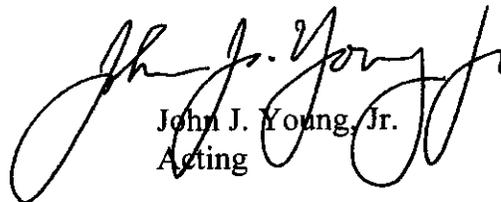
Due to increased costs, the Fort Huachuca, Arizona, "850 KW Wind Generation" project estimated for \$1,150K and the Fort Stewart, Georgia, "Waste to Energy-Hydrogen Infrastructure Fuel Cell" project estimated for \$1,700K will be programmed in a future year. The funding from these projects will be used to facilitate changes in other programs.

Due to changes in building occupancy rate, the Fort Sill, Oklahoma, "Geothermal Heat Pumps" project increased to \$1,686K. Due to large cost increases for wind turbines, the Tooele Army Depot, Utah, "Install 1.5 MW Wind Generation" project will now install 1.0 MW at a cost of \$ 3,100K. A Fort Lee, Virginia, "High Efficiency Lighting" project for \$890K and a Kaiserslautern, Germany, "Replace Hot Air Blowers with Radiant Heating System" for \$800K are added to the list.

Due to the delay in receiving FY 2007 appropriations, the Department lost a rebate from the San Diego Regional Energy Office, which expired in April 2007. As a result, the MCAS Miramar, California, "Fuel Cell, Station Training Tank" project is no longer life cycle cost effective. It is replaced by a MCAS Miramar, California, "Centralized Control System for Irrigation" project for the same value, \$1,573K.

A similar letter has been sent to the other congressional defense committees.

Sincerely,



John J. Young, Jr.  
Acting

Enclosure:  
As stated

cc:  
The Honorable Duncan Hunter  
Ranking Member



## FY 2007 Energy Conservation Investment Program

Location	State	Project Description	Cost (\$1000)	SIR*	Payback* (YRS)
<b>Army</b>					
Rock Island Arsenal	IL	Industrial Energy Optimization	\$1,900	4.63	2.67
Fort Carson	CO	Expand Energy Management Control System	\$760	2.44	6.16
Fort Lee	VA	Energy Management Control System Upgrade Postwide	\$3,400	2.35	3.18
Tooele Army Depot	UT	Wind Powered Electrical Generation	\$2,250	2.12	6.40
Blue Grass AD	KY	Facility Energy Improvements	\$1,150	2.03	5.39
Fort Knox	KY	Barracks Geothermal Conversion, Phase 3	\$3,350	1.50	10.00
Fort Sill	OK	Install Geothermal Heat Pumps	\$1,050	1.39	9.57
Fort Knox	KY	Barracks Geothermal Conversion, Phase 2	\$2,550	1.32	12.40
Fort Huachuca	AZ	850 Kw Wind Power Generation	\$1,150	1.29	11.55
Fort Buchanan	PR	Install Photovoltaic Solar Systems	\$600	1.25	11.52
Fort Stewart	GA	Waste to Energy-Hydrogen Infrastructure Fuel Cell	\$1,700	1.74	7.58
			<b>\$19,860</b>	<b>2.05</b>	<b>7.52</b>
<b>Navy</b>					
NAF El Centro	CA	Water Projects	\$300	2.37	6.47
NAS Souda Bay	Greece	Renewable Energy Systems	\$393	2.41	5.74
NAVSTA Newport	RI	Facility Energy Improvements	\$502	4.20	3.19
NAVBASE Ventura Cnty	CA	Facility Energy Improvements	\$2,490	1.82	8.28
NSA China Lake	CA	Facility Energy Improvements	\$2,011	2.65	6.13
NAVPGSCOL Monterey	CA	Facility Energy Improvements	\$898	2.21	5.84
CNRSW	CA	Renewable Energy Systems	\$771	1.02	14.07
NAWC China Lake	CA	Renewable Energy Systems	\$600	1.07	12.97
NSY Puget Sound	WA	Facility Energy Improvements	\$1,665	1.52	9.60
NAVBASE San Diego	CA	Facility Energy Improvements	\$894	1.77	8.39
NSB Bangor	WA	Facility Energy Improvements	\$1,120	1.67	8.74
NSWC Carderock	MD	Facility Energy Improvements	\$407	2.43	5.35
			<b>\$12,051</b>	<b>1.99</b>	<b>8.14</b>
<b>Marine Corps</b>					
MCAS Miramar	CA	Fuel Cell, Station Training Tank	\$1,573	1.53	8.18
MCB Camp Lejeune	NC	Energy Efficient Lighting Retrofits, French Creek Area	\$695	2.13	5.62
MCRD Parris Island	SC	Facility Energy Improvements	\$1,490	2.60	5.00
MCB Hawaii	HI	Daylighting and Lighting for Various Facilities	\$677	2.23	6.41
MCAS Camp Pendleton	CA	Taxiway LED & Exterior Lighting	\$594	2.13	5.54
			<b>\$5,029</b>	<b>2.10</b>	<b>6.33</b>
<b>Air Force</b>					
Nellis	NV	Facilities Efficiency Improvements, Bldg 20	\$820	4.81	2.68
Minot	ND	Repair HVAC/Elec Community Center, Bldg 202	\$687	1.80	7.65
Hill	UT	Condensate Return Polisher, Various Facilities	\$760	2.66	4.78
Beale	CA	Gray Water Irrigation Main Base	\$1,560	2.54	7.49
Eielson	AK	Weatherize/Upgrade Various Facilities	\$900	1.94	8.90
Kadena	JA	Install Water Saving Devices	\$1,200	1.72	2.71
Ramstein	GE	Replace Airfield Ramp Lighting	\$325	1.71	8.78
Davis-Monthan	AZ	Install Ground Source Heat Pumps in TLFs	\$690	1.60	8.56
Tin City	AK	Wind Generator 250kW	\$1,650	1.54	7.49
Channel Islands	CA	Install GSHP, Wing HQ/Base Ops/CE	\$1,750	1.42	9.81
Hurlburt Fld	FL	Replace Taxiway Lights with LED	\$400	1.33	12.49
Nellis	NV	Install Water Efficient Landscaping	\$2,820	1.25	8.76
Fresno Yosemite	CA	Construct Photovoltaic Power System, Phase II	\$1,850	1.23	10.74
Laughlin AFB	TX	Dormitory Solar Hot Water	\$310	1.48	9.50
			<b>\$15,722</b>	<b>1.81</b>	<b>7.94</b>
<b>DeCA</b>					
Orote Commissary	Guam	Facilities Efficiency Improvements	\$410	3.90	3.30
			<b>\$410</b>	<b>3.90</b>	<b>3.30</b>
<b>DLA</b>					
DLA HQ, Fort Belvoir	VA	Facility Energy Improvements	\$150	1.79	3.60
			<b>\$150</b>	<b>1.79</b>	<b>3.60</b>
<b>TMA</b>					
Tripler AMC	HI	HVAC Air Distribution Upgrades	\$750	2.53	7.89
Tripler AMC	HI	Install Chilled Water Loop and Cooling Tower Filtering	\$250	2.18	6.25
			<b>\$1,000</b>	<b>2.44</b>	<b>7.48</b>
<b>Total DoD ECIP Projects</b>			<b>\$54,222</b>		
OSD central projects		Renewable Project Assessment, Development, & Implementation	\$250		
		Renewable Energy Replication Project	\$150		
<b>Total</b>			<b>\$54,622</b>	<b>1.98</b>	<b>7.57</b>

\* Weighted Average

SIR is Savings to Investment Ratio, \$ Saved / \$ Invested

Enclosure (1)