

**FY2020 Energy Resilience and Conservation Investment Program  
Project List**

<u>Project No.</u>	<u>Location</u>	<u>State</u>	<u>Project Description</u>	<u>Project Cost (\$000)</u>	<u>SIR<sup>1</sup></u>
<b>Army</b>					
91188	Fort Leonard Wood	MO	Install Cogen System Central Plant 1021	\$ 3,100	1.18
92870	Anniston Army Depot	AL	Construct 7.5MW Generator Plant and Micro-Grid Controls	\$ 20,000	1.90
92623	Fort Jackson	SC	Install Combined Heat and Power Systems	\$ 8,100	1.35
88821	Fort Indiantown Gap	PA	Install Geothermal & 413kW Solar PV Array	\$ 3,950	1.25
85882	USAG Bavaria (Hohenfels)	Germany	Install 1.5 MW Photovoltaic system	\$ 3,250	1.73
92042	Puerto Nuevo (PR012) - 81st Readiness Division	Puerto Rico	Install Microgrid, 550 kW PV Solar Array, 750 kWh Battery, and 750 kW Diesel Gen	\$ 9,200	0.81
<b>Army Program Totals</b>			<b>6 Projects</b>	<b>\$ 47,600</b>	<b>1.48</b>
<b>USN</b>					
P893	Naval Base Kitsap	WA	ENERGY - MAIN STEAM LINE MONITORING	\$ 1,420	1.53
P-691	Naval Base Guam	Guam	Facility Controls Upgrades, Connectivity, & Cybersecurity for NBG Smart Grid	\$ 6,280	1.02
P520	JRB 0S New Orleans	LA	Distribution Switchgear	\$ 5,447	0.00
P613	NB Ventura County	CA	SNI Energy Storage System	\$ 6,530	0.80
P995	NSA Souda Bay	Greece	Energy Management Control Systems (EMCS)	\$ 2,340	2.00
P-690	Naval Base Guam	Guam	ENERGY EFFICIENT LIGHTS, HVACS, AND DHWS and Photovoltaic AT APRA PALMS, P-690	\$ 9,770	1.42
<b>USN Program Totals</b>			<b>6 Projects</b>	<b>\$ 31,787</b>	<b>1.02</b>
<b>USAF</b>					
BAEY253000	Beale AFB	CA	230/60kV Interconnection and Transmission System	\$ 40,482	2.41
PSXE172003	McGhee Tyson IA	TN	CONSTRUCT GROUND BASE PV ARRAY	\$ 4,312	1.25
ZHTV120044	WPAFB	OH	Repair Steam& HTHW Line D (partial) Area A with N.G. Boilers	\$ 7,900	1.22
<b>USAF Program Totals</b>			<b>3 Projects</b>	<b>\$ 52,694</b>	<b>2.14</b>
<b>USMC</b>					
P-266	MCAS Miramar	CA	Additional Water Supply for Resilience	\$ 4,315	1.31
P-143	MCAS Camp Pendleton	CA	Advanced Microgrid Infrastructure Improvement	\$ 7,321	1.76
<b>USMC Program Totals</b>			<b>2 Projects</b>	<b>\$ 11,636</b>	<b>1.59</b>
<b>DHA</b>					
P-1703	US Naval Hospital (USNH) Rota / Spain	Spain	Replacement of Flourescent Lighting with LED Lighting at Building 1802 (Hospital).	\$ 348	2.10
<b>DHA Program Totals</b>			<b>1 Project</b>	<b>\$ 348</b>	<b>2.10</b>
<b>DLA</b>					
ERCIP2020-01	Naval Base Kitsap, Bremerton	WA	Upgrade 6 facilities heating systems to natural gas	\$ 5,430	1.56
<b>DLA Program Totals</b>			<b>1 Project</b>	<b>\$ 5,430</b>	<b>1.56</b>
<b>NRO</b>					
ERCIP-NRO-WF-19-02	Headquarters	VA	Lighting/Power Control System	\$ 505	3.55
<b>NRO Program Totals</b>			<b>1 Project</b>	<b>\$ 505</b>	<b>3.55</b>
<b>ERCIP Program Totals</b>			<b>20 Projects</b>	<b>\$ 150,000</b>	<b>1.63</b>
<b>Energy Resilience Projects (11)</b>				<b>\$ 112,750</b>	<b>1.70</b>
<b>Energy Conservation Projects (9)</b>				<b>\$ 37,250</b>	<b>1.43</b>
<b>Total (20 Projects)</b>				<b>\$ 150,000</b>	<b>1.63</b>

<sup>1</sup>SIR is Savings to Investment Ratio (\$ est. discounted lifetime savings / \$ invested)