

19 August 2009 Pennsylvania Joint Service Reserve Component Facilities Board Project List

Component	Installation	City, State, Zip Code	Project Name	Approx Cost (\$M)	FYDP Year	Comp Proj #	Joint Comp	Service Proj #	2nd Joint Comp	Service Proj #	Date (Mo/Yr) Rec'mend	Date First Joint Rec'mend	Reason Unilateral Use Approved	Remarks
PAARRNG	State minus FTIG	280 Market Str., Wilkes-Barre, PA 18704	Wilkes-Barre RC (add/alt)	14.8	TBD	420513	No	N/A	N/A	N/A	Aug 07	N/A	PAARRNG unit specific/ existing facility - no additional room for expansion	FY09 Directed Design - Design 95% less re design partial complete
PAARRNG	State minus FTIG	York, PA 17402	York Readiness Center (new)	16.3	TBD	420354	No	N/A	N/A	N/A	Sep 96	N/A	PAARRNG unit specific - project soon ready to execute as unilateral	FY09 Directed Design - Design 30%
PAARRNG	State minus FTIG	Toboyanna Army Depot, former Wherry Housing Area, Toboyanna, PA 18466	Toboyanna, AFRC (new)	17.3	TBD	420370	Yes	USAR	TBD	N/A	Aug 05	Aug 05	N/A	Project offers excellent opportunity for joint synergy among PAARRNG, USAR, and USA at TYAD. FY 11 Congressional Design
PAARRNG	State minus FTIG	Johnstown/Cambria Co. A/R, Johnstown, PA 15902	Johnstown AASFC Add/Alt	21.9	TBD	420515A	Yes	USAR	TBD	TBD	Aug 08	Aug 08	N/A	Master Plan in progress to better define viable COAs
PAARRNG	State minus FTIG	Johnstown/Cambria Co. A/R, Johnstown, PA 15902	Johnstown Aviation Br AFRC (new)	TBD	TBD		Yes	USAR	TBD	TBD	Aug 09	Aug 09	N/A	Master Plan in progress to better define viable COAs
PAARRNG	State minus FTIG	Montour Co., Pa - exact location TBD	Williamsport Field Maintenance Shop (new)	17.3	TBD	420517	No	N/A	N/A	N/A	Aug 09	N/A	PAARRNG unit specific	BRAC-D decided EMS not in Williamsport AFRC BRAC 05 project - FY 2011 Congressional Design
PAARRNG	State minus FTIG	Bradford/Wyoming Co - exact location TBD	Bradford/Wyoming Co Readiness Center (new)	10.3	TBD	420369	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	FY 2010 Directed Design- No land.
PAARRNG	State minus FTIG	Pittsburgh Int. A/R, Coraopolis, PA, 15108	Pittsburgh Readiness Center (new)	26.3	TBD	420374A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	Space Available?
PAARRNG	State minus FTIG	Schuylkill Co - exact location TBD	Schuylkill Co Readiness Center	14.9	TBD	420375A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	Bucks Co - exact location TBD	Sellersville Readiness Center	21.8	TBD	420368	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	111 Armory Drive, Spring City, PA 19475	Spring City Readiness Center	16.9	TBD	420355	TBD	TBD	TBD	TBD	Aug 06	N/A	Possible joint project	
PAARRNG	State minus FTIG	1483 Stoystown Rd. Friedens, PA, 15541	Friedens Readiness Center	14.3	TBD	420371A	TBD	TBD	TBD	TBD	Aug 06	N/A	Possible joint project	
PAARRNG	State minus FTIG	820 Frank Ave, New Castle, PA 16101	New Castle Readiness Center	11.6	TBD	420376A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	Bedford Co - exact location TBD	Bedford Co. Readiness Center (Everett)	8.4	TBD	420377A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	14 th & Calder Streets, Harrisburg, PA 17103	Harrisburg Military Post Field Maintenance Shop	11.0	TBD	420383A	No	N/A	N/A	N/A	Aug 06	N/A	Established PAARRNG unit support facility - no room for other than PAARRNG eqm	
PAARRNG	State minus FTIG	820 Frank Ave, New Castle, PA 16101	New Castle Field Maintenance Shop	7.3	TBD	420384A	No	N/A	N/A	N/A	Aug 06	N/A	Established PAARRNG unit support facility - no room for other than PAARRNG eqm	
PAARRNG	State minus FTIG	652 Coal Hill Road, Clearfield, PA 16830	Clearfield Readiness Center	9.2	TBD	420378A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	Washington Co, exact location TBD	Washington Co Readiness Center	15.0	TBD	420379A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	160 George Jr. Rd, Grove City, PA 17745	Grove City Readiness Center	16.7	TBD	420380A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	66 Armory Rd, Look Haven, PA 17745	Look Haven Readiness Center	19.8	TBD	420381A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
PAARRNG	State minus FTIG	208 Chestnut Str., Kane, PA 16735	Kane Readiness Center	14.0	TBD	420382A	TBD	TBD	TBD	TBD	Aug 05	N/A	Possible joint project	
USAR	Allentown-Bethlehem, PA 18040	USAR/COMS/UHS		32.2	2009	CAR 07-64625	Yes				2005	2005	N/A	Award expected NLT 30 Sep 09
USAR	Willow Grove Joint Reserve Base	USAR/COMS/UHS		31.3	2008	CAR 07-64727	No	N/A	N/A	N/A	2005	2005	BRAC 05	Award expected early FY 10
USAR	Keystone LTA 15026	USAR/COMS/UHS	Upgrade unpaved section of Mike Wood Blvd to support ECS/AMSA 103	2.4	TBD	CAR 12191	Yes	Several	N/A	N/A	Aug 06	Aug 09	N/A	Provides access to Keystone Training Area
USAR	Harrisburg	USAR/COMS/UHS		10.2	TBD	CAR 11-12124	TBD	TBD	TBD	TBD	Aug 06	Un Known	Possible joint project	Looking for site at Mechanicsburg Naval Support Activity - planned joint project with USN and USMCR - USN needs project details
USAR	FTIG	Annaville, PA 17003	AMS/ECSS, Phase 1	11.5	TBD	12285	Yes	N/A	N/A	N/A	Aug 07	Aug 09	N/A	Joint stationing at FTIG
USAR	FTIG	Annaville, PA 17003	AMS/ECSS, Phase 1	23.5	TBD	12286	Yes	N/A	N/A	N/A	Aug 07	Aug 09	N/A	Joint stationing at FTIG

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USAR	Tobyhanna Army Depot	Tobyhanna, PA 18466	RIS High Tech Training Facility	24.0	TBD	1840	Yes	N/A	N/A	N/A	N/A	Aug 08	N/A	Service unique Grow the Army project	Joint stationing and joint use at TYAID
USAR	Ashley	Ashley, PA 18706	Army Reserve Center	9.7	2010	CAR 10-69561	No	N/A	N/A	N/A	N/A	Aug 08	N/A	Service unique Grow the Army project	
USAR	Newton Square	Newton Square, PA 19355	Army Reserve Center	20.5	2010	CAR 10 - 69430	No	N/A	N/A	N/A	N/A	Aug 08	N/A	Service unique Grow the Army project	
USAR	Uniontown	Uniontown, PA 15698	Army Reserve Center	11.8	2010	CAR 10 - 69652	No	N/A	N/A	N/A	N/A	Aug 08	N/A	Service unique Grow the Army project	
USAR	Harrisburg	Mechanicsburg (Harrisburg), PA 17050	Army Reserve Center	7.6	2010	CAR 10 - 70511	No	N/A	N/A	N/A	N/A	Aug 08	N/A	Service unique Grow the Army project	
USNR	NOSC/MCRC Lehigh Valley	1400 Postal Road, Allentown, PA 18109	BRAC Relocation	9.5	2010	P-210V	No					Aug-05	N/A	BRAC-05 action relocating MCRC Reading, PA	
USNR	NOSC Avoca	1200 Navy Way Road, Avoca, PA 18641	AC Installation	1.6	2011	P-952	No					Aug-08	N/A	Construction to add AC in existing facility	Approved FY-11 Congressional Add; design in progress
USMCR	Pittsburgh	North Versailles, PA 15137	Pittsburgh Reserve Center	13.4	2014	P-240	No					Aug 09		Possible joint facility but TBD per viable site	Searching for site
USMCR	Wyoming	Wyoming, PA 18644	Wyoming Reserve Center	10.0	2014	P-015	No					Aug 09		Possible joint facility but TBD per viable site	Searching for site
PAANG	Middletown ANG Station	Harrisburg Int AFB, Middletown, PA	SOF ADAL Squadron Ops Facility	9.1	2014	SHY0099762	No	N/A	N/A	N/A	N/A	Aug 04	N/A	Service unit/mission unique	
PAANG	Pittsburgh ANG Station (171 st ARW)	Pittsburgh Int AFB, Coraopolis, PA, 15108	KC-135R Simulator Facility	2.8	TBD	JL SQ039104	No	N/A	N/A	N/A	N/A	Aug 03	N/A	Service unit/mission unique	
PAANG	Pittsburgh ANG Station (171 st ARW)	Pittsburgh Int AFB, Coraopolis, PA, 15108	Composite A/C Maintenance Complex	60.0	TBD	JL SQ062001	No	N/A	N/A	N/A	N/A	Aug 06	N/A	ANG only. Space does not exist on site for further expansion for joint use.	NGB A7 Re-Drafted 1391 is a single DDI 391.
PAANG	Pittsburgh ANG Station (171 st ARW)	Pittsburgh Int AFB, Coraopolis, PA, 15108	Composite Mission Support Facility	10.5	TBD		Yes	N/A	N/A	N/A	N/A	Aug 09	N/A	N/A	Likely joint use for PANG Task Forces supporting HS emergency response
PAANG	FTTG (193 rd SOW RSG)	Annaville, PA 17003	Replace Troop Training Quarters	7.0	2009	LKLMW959714	Yes	Several	N/A	N/A	N/A	Sep 97	Unknown	N/A	(ARBA Project) - numerous U.S. and allied service use for PANGG provided contingency training at FTTG - PAANG #1 2010 Congressional Add Candidate
PAANG	FTTG (193 rd SOW RSG)	Annaville, PA 17003	Replace Operations and Training/Dining Hall	7.1	2015	LKLMW099101	Yes	Several	N/A	N/A	N/A	Aug 06	Aug 06	N/A	Numerous U.S. and allied service use for PANGG provided contingency training at FTTG - PAANG #1 2010 Congressional Add Candidate
PAANG	FTTG (193 rd SOW RSG)	Annaville, PA 17003	Combined Communications Squadrons Ops and Training Facility	8.2	2016	LKLMW109037	No	N/A	N/A	N/A	N/A	Aug 06	N/A	Service unit/mission unique	Projected to be placed on FTTG Area 1 PANGG expansion
PAANG	FTTG (193 rd SOW RSG)	Annaville, PA 17003	Combined Communications Squadrons Operational Shops Facility	7.3	TBD	LKLMW079100	No	N/A	N/A	N/A	N/A	Aug 06	N/A	Service unit/mission unique	Projected to be placed on FTTG Area 1 PANGG expansion
PAANG	State College Joint PANG Facility	State College, PA	Add/Air Operations Squadron Facility	4.0	2011	WFG08089076	Yes	PAARNG	N/A	N/A	N/A	Aug 08	Aug 08	N/A	Shared use facility - also likely joint use for PANG Task Forces supporting HS/emergency response
PAANG	Hoshlan Air Guard Base	Hoshlan, PA	TR/CNAF Beddown AEFOR	8.3	2016	ZAWA069076A	No					Aug 09		Service unit/mission unique	Renovate existing building
USAFR	Pittsburgh-Coraopolis	Pittsburgh Int AFB, Coraopolis, PA, 15108	Reserve Lodging Facility	11.4	FY 10	JLSS 01-9022	Yes	Several	N/A	Several	N/A	Sep 97	Sep 97	N/A	50 billets. Congressional Insert FY10. Project under construction.
USAFR	Pittsburgh-Coraopolis	Pittsburgh Int AFB, Coraopolis, PA, 15108	Wing Headquarters Facility	10.9	FY16	JLSS 97-9001	Yes	Several	N/A	Several	N/A	Sep 96	Sep 96	N/A	Potential joint project with Navy NOSC
USAFR	Pittsburgh-Coraopolis	Pittsburgh Int AFB, Coraopolis, PA, 15108	Construct Fitness Center	7.9	TBD	JLSS 01-9018	Yes	Several	N/A	Several	N/A	Aug 07	Aug 07	N/A	Joint use/construction potential
USAFR	Pittsburgh-Coraopolis	Pittsburgh Int AFB, Coraopolis, PA, 15108	Construct Visiting Quarters-PH02	13.0	TBD	JLSS 06-9001	Yes	Several	N/A	Several	N/A	Aug 07	Aug 07	N/A	60 billets - potential for joint use
USAFR	Pittsburgh-Coraopolis	Pittsburgh Int AFB, Coraopolis, PA, 15108	Community Activity Center with Troop Feeding and Visiting Quarters - PH03	13.4	TBD	JLSS 08-9001	Yes	Several	N/A	Several	N/A	Aug 07	Aug 07	N/A	65 billets - potential for joint use
USAFR	Pittsburgh-Coraopolis	Pittsburgh Int AFB, Coraopolis, PA, 15108	Construct Visiting Quarters-PH04	13.9	TBD	JLSS 10-9001	Yes	Several	N/A	Several	N/A	Aug 07	Aug 07	N/A	65 billets - potential for joint use
USAFR	Pittsburgh-Coraopolis	Pittsburgh Int AFB, Coraopolis, PA, 15108	Add/Replace West Apron Pavement	9.4	TBD	JLSS 96-9002	Yes	Several	N/A	Several	N/A	Sep 96	Sep 96	N/A	Operational Deficiencies



PAARRNG Energy Sustainability

Joint Forces Board

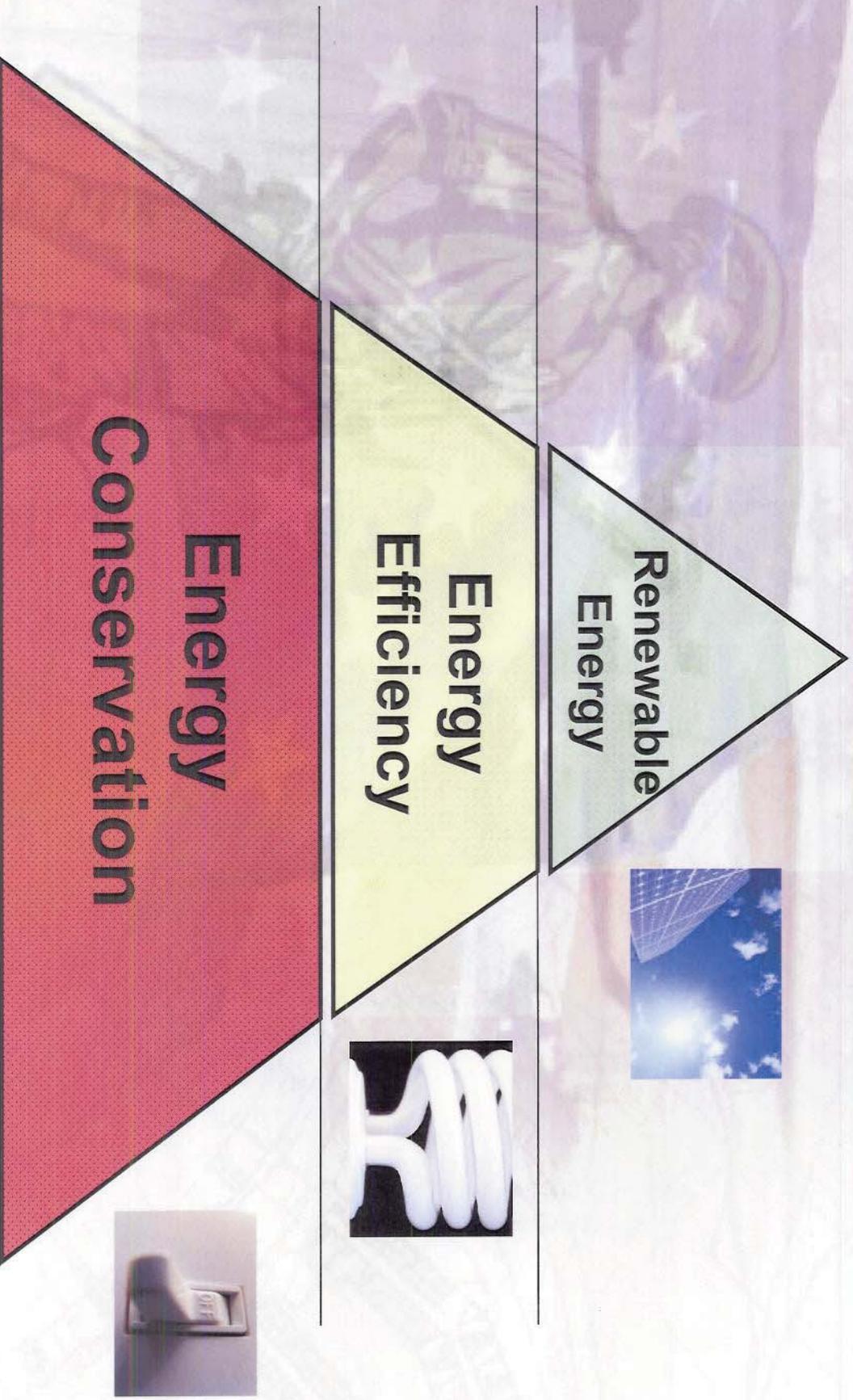
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Fort Indiantown Gap



pennsylvania
DEPARTMENT OF MILITARY
AND VETERANS AFFAIRS

PAARRNG Energy Strategy





Energy Conservation

- **Energy Conservation Measures**
 - Goal of 20 percent reduction to save \$2M in energy costs.
 - No or low cost efforts to reduce or turn-off unnecessary energy use.
- **Consolidation Plan**
 - Implement more efficient use of building space in order to close buildings or reduce energy needs in non-office type facilities.
 - Consolidate 25% of 65 selected buildings; energy savings \$53,000
- **Electric Demand Response**
 - Switch electric load to generators during high electric demands in NE US.
 - Reduce electric consumption through ECMS during high demand periods
 - Benefits include \$50K credit per MW reduced; test generator performance





Energy Efficiency

- **FTIG Energy Mgmt System**
 - (FTIG) Automated Temperature Control and Advanced Metering @ 35 Bldgs
 - (PA-Minus) ATC and Advanced Metering at all 56th Strykers (new & add/alts)
- **PA-Minus GESP (30 sites = 55 facilities)**
 - Install premium efficient lighting and lighting controls
 - Integrated energy management system
 - Replace overhead and exterior doors
 - LED Exit lights and vending machine controllers
 - Building envelop infiltration reduction (windows, insulation,
- **ARRA Projects**
 - Natural Gas Transition: Phase 1 to save \$200K in energy costs
 - Renovation of 21 WWII Wood Barracks: \$40K in heating; electric 20% reduction.
 - Installation of High Efficiency Boilers
 - Lighting, HVAC, Roof Replacement, Dining Facility Renovation





Renewable Energy

- **Geothermal**
 - Installed at SRP Bldg 4-201 and comparing energy savings to a duplicate SRP building using traditional HVAC.
 - Installed system at credit union building.
- **Microhydro**
 - Working with NGB to demo micro-turbine hydropower technology at Marquette Lake and FTIG WWTP.
- **SWEPS-Sustainable Water and Electric Power System**
 - Investigating biomass and fuel cell technology through a controlled environment agriculture to produce biomass-sugars that is converted to biofuel. The reformer/fuel cell uses the biofuel to produce electricity.
- **Solar PV**
 - Investigating Power-Purchase arrangement
 - Submitting ECIP 1390/1391 project for FY-12

