

Energy Savings Performance Contracts (ESPC)

Why Do An ESPC Project?



- **Improved Operations and Maintenance (O&M)**
 - Turnkey O&M by Energy Service Company is possible
- **Acquisition of state-of-the-art energy efficiency technology**
- **Reduced energy and water consumption and costs**
- **Improved facility infrastructure**
- **Increased comfort and productivity**
- **Reduced capital appropriations requirements**



Why Do An *ESPC* Project?



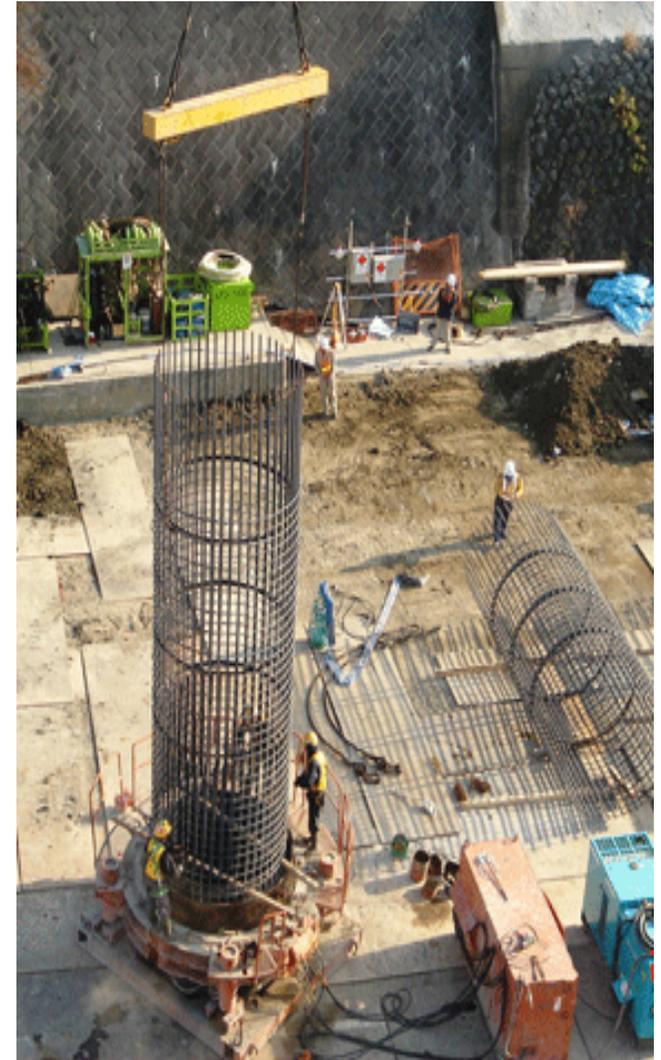
- **Reduce Environmental Emissions**
- **Help Improve Readiness**
- **Guaranteed System / Equipment Performance**
- **Savings will exceed payments each year of the term**
- **The contractor receives NO payments until project is constructed, commissioned, accepted and is saving energy**



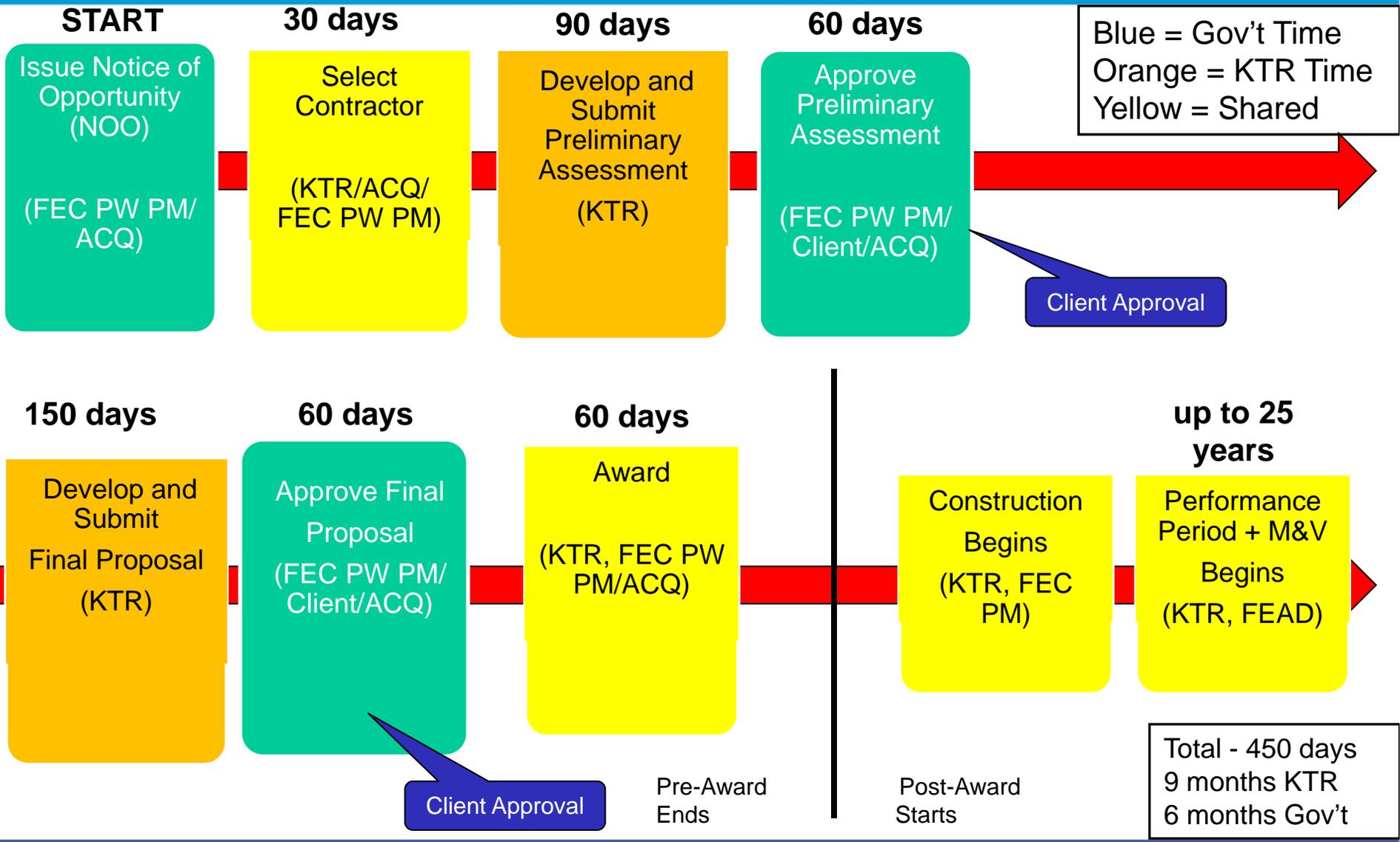
ESPC BASICS



- **ESPC contracts may be awarded for terms up to 25 years**
- **Project can include anything that saves utility funding**
- **Financed by the contractor with no initial capital cost to the Government**
- **The contractor is required to guarantee performance**
- **ESPC contracts require an annual Measurement & Verification report to prove the performance requirements have been met**
- **Must specify the negotiated terms and conditions of any Government payments**
- **Must specify the negotiated terms and conditions of the contractor's performance guarantees**



Model 2 ESPC Process



ESPC Vendor List



ESPS 16 ESCO		
	Primary POC	ESCOs Address
Ameresco Select, Inc	Nicole Bulgarino nbulgarino@ameresco.com	111 Speen St STE 410 Framingham, MA 01701-2090
Clark	Bryan Krug bryon.krug@clarkenergygroup.com	1005 North Glege Rd STE 620 Arlington, VA 22201-5718
Consolidated Edison Solutions, Inc	Anthony Spera speraa@conedsolutions.com	100 Summit Lake Dr. STE 410 Valhalla, NY 10595-1373
Constellation NewEnergy, Inc	John Dukes john.dukes@constellation.com	100 Constellation Way STE 1200C Baltimore, MD, 21202-6302
Chevron Energy Solutions	Jay Johnson jajohnson@chevron.com	4655 Rosebud Ln Newburgh, IN, 47630-9366
FPL Energy Services, Inc	Ed Lynch ed_lynch@fpl.com	6001 Village Blvd West Palm Beach, FL 33407-1944
Honeywell Internatioanl, Inc	Steven Craig steven.craig@honeywell.com	1250 W Sam Houston Pkwy S Houston, TX, 77042-1941
Johnson Control Government System, LLC	Andrew Morton andrew.m.morton@jci.com	507 E Michigan St Milwaukee, WI 53202-5202
Leidos Engineering, LLC	William Steen William.R.Steen@leidos.com	9400 Broadway Ext STE 300 Oklahoma, Ciy, OK, 73114-7404
Lockheed Martin	Jeffery Funk jeffery.w.funk@lmco.com	700 N Frederick Ave Gaithersburg, MD, 20878-3328
McKinstry Essention, LLC	Mike Moriarty mikem@McKinstry.com	5005 3rd Ave S Seattle, WA, 98134-2423
Noresco, LLC	Britta Macintosh bmacintosh@noresco.com	1 Research Dr STE 400 C Westborough, MA, 01581-3963
Pepco Energy Services, Inc	Jeff Niesz jniesz@pepcoenergy.com	1300 17th St N STE 1600 Arlington, VA 22209-3807
Schneider Electric	Kevin Vaughn kevin.vaughn@buildings.schneider-electric.com	1650 W Crosby RD Carrollton, TX 75006-6628
Simens Government Technologies, Inc	Janet Pennington Janet.Pennington@SiemensGovt.Com	2231 Crystal Drive, Suite 700 Arlington, VA, 22202-3724
Trane U.S. Inc	Barry McCaslin barry.mccaslin@trane.com	3600 Pammel Creek RD LA Crosse, WI 54601-7511

INDUSTRY DAY Question/Answer



- Questions received during each presentation will be recorded and answered during the session
- All Questions and answers will be posted to NECO/FEDBIZOPS as an amendment to the industry day invitation N62470-15-R-4000
- Presentations will be posted to FEDBIZOPS
- Questions received after the event may or may not be answered. Posting mechanism will be the same – public FBO. Email post-industry-day questions to:
 - Lynn.Torres@navy.mil
 - Erin.Quimby@navy.mil

POCs



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ENERGY INDUSTRY DAY



Naval Station Guantanamo Bay, Cuba

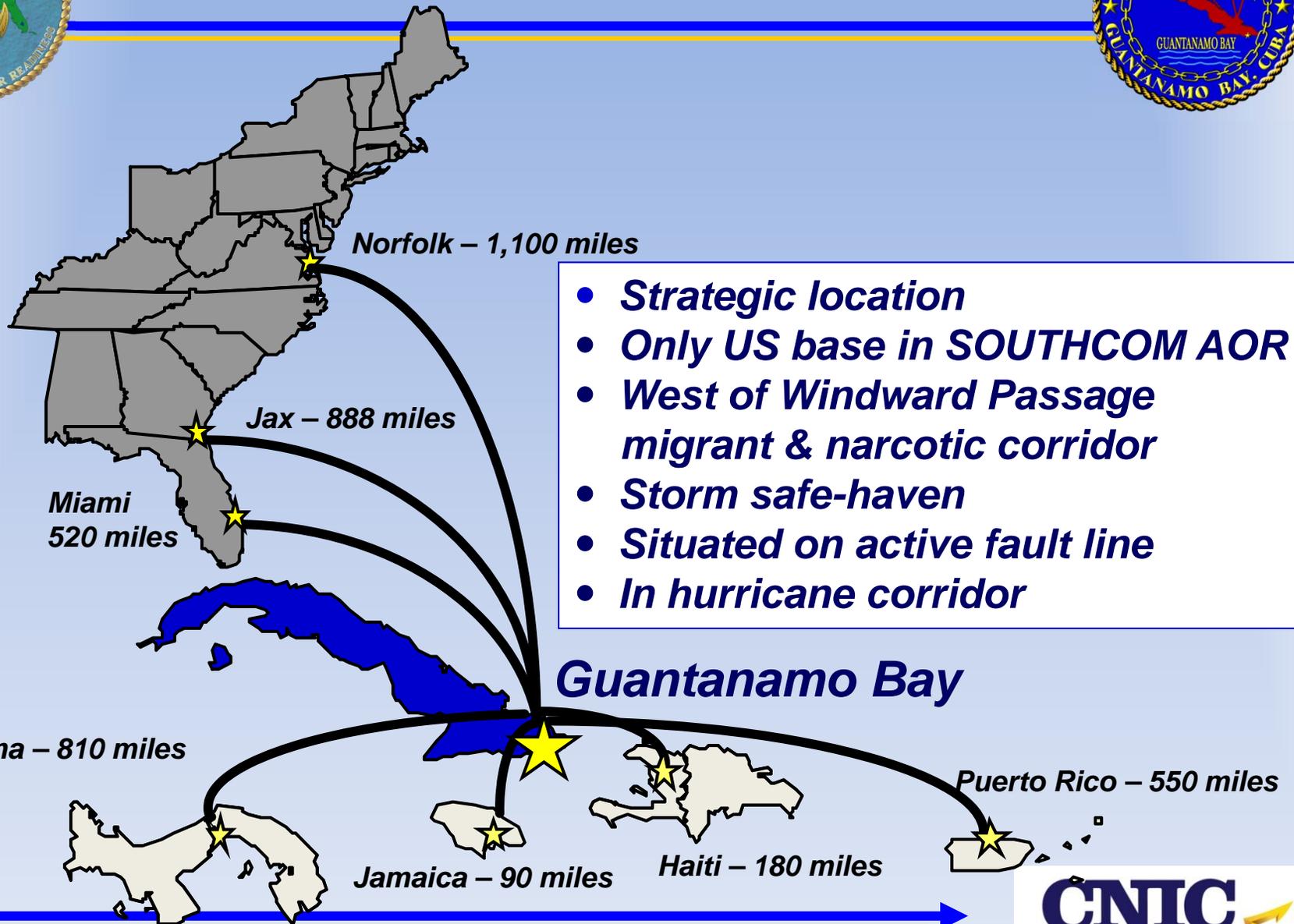
***CAPT Nettleton, Commanding Officer
05 November, 2014***

NAVAL STATION GUANTANAMO BAY



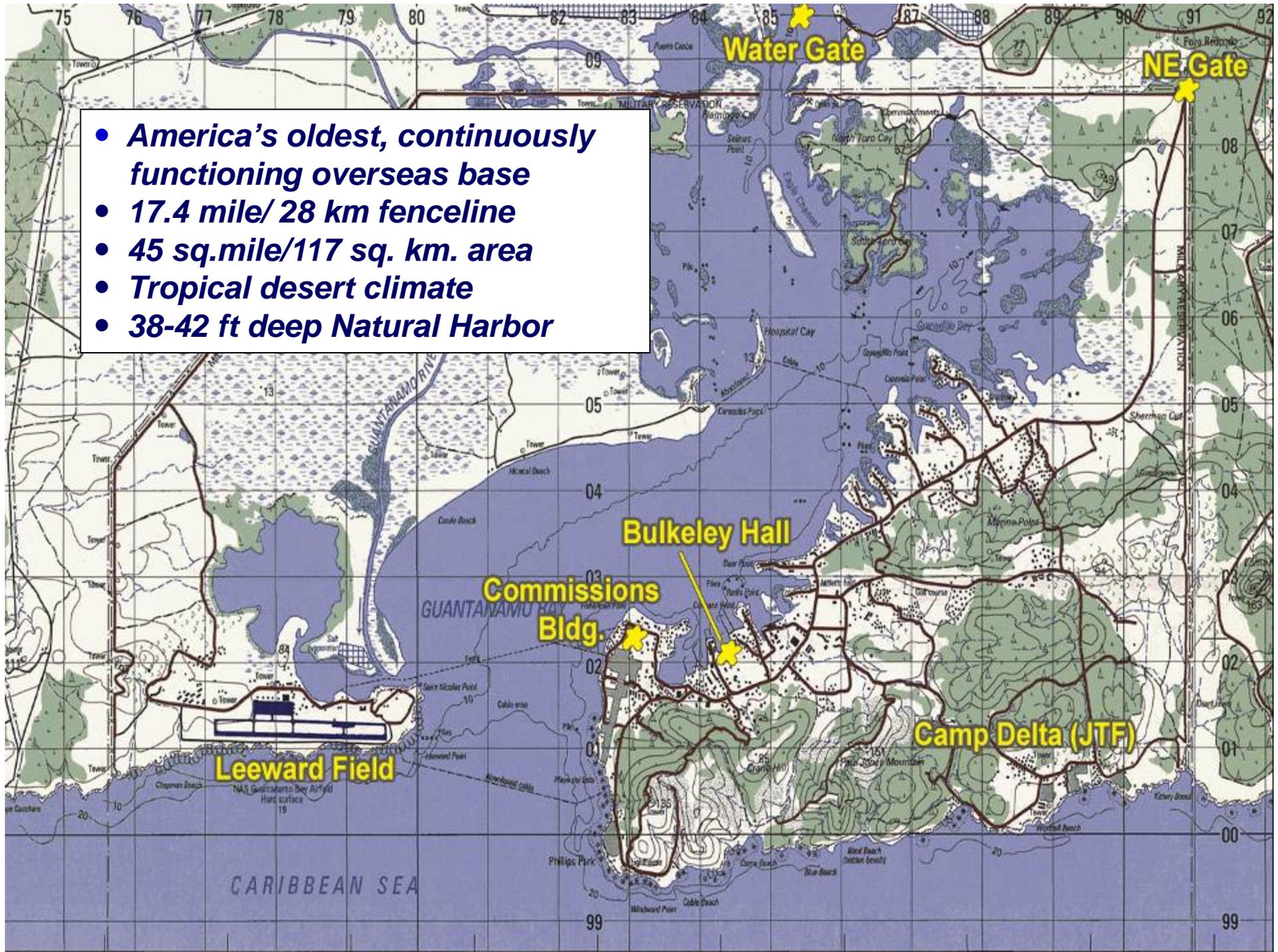


Location



- **Strategic location**
- **Only US base in SOUTHCOM AOR**
- **West of Windward Passage migrant & narcotic corridor**
- **Storm safe-haven**
- **Situated on active fault line**
- **In hurricane corridor**

- **America's oldest, continuously functioning overseas base**
- **17.4 mile/ 28 km fenceline**
- **45 sq.mile/117 sq. km. area**
- **Tropical desert climate**
- **38-42 ft deep Natural Harbor**





Mission Support

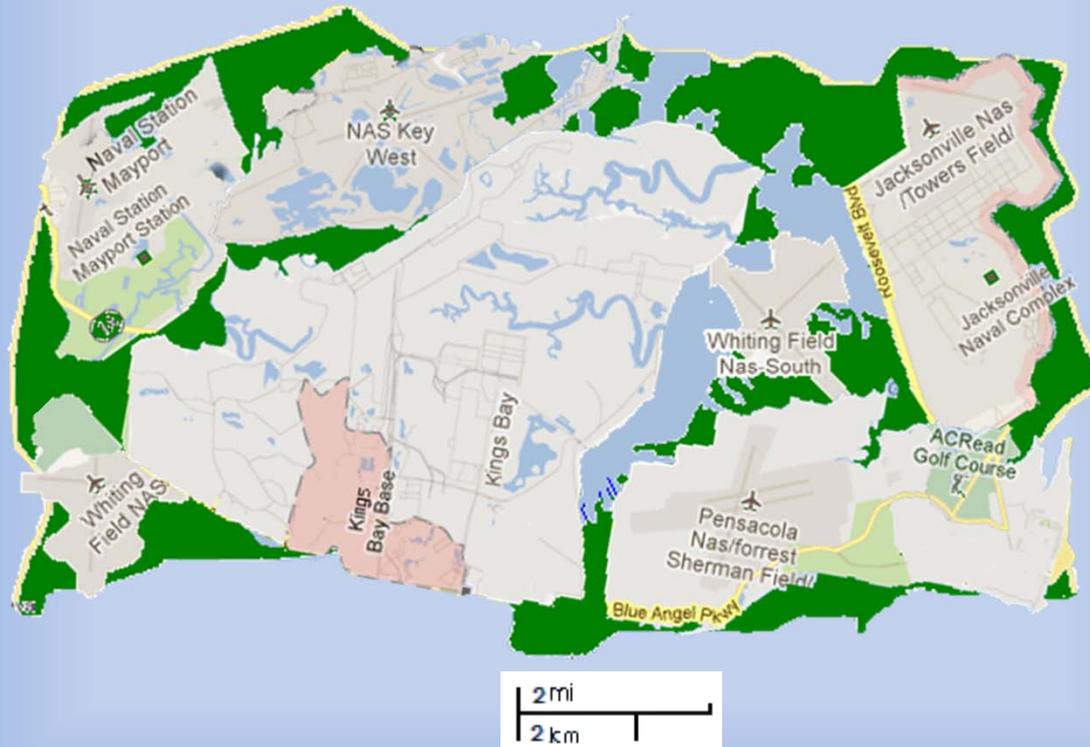


- JTF Guantanamo Detainee Ops
- US Navy and Coast Guard conducting Caribbean operations
- Migrant operations w/ DHS and DoS
 - Steady state
 - Contingency
- Contingency / Counter-drug operations
 - US Navy 4th Fleet
 - USCG
 - Customs
 - DEA
 - JIATF-S
- BPT act as ISB for humanitarian operations or other CDRUSSOUTHCOM contingency missions as assigned.





CNRSE BASES OVERLAYED ON NAVSTA GUANTANAMO BAY



GUANTANAMO

KINGS BAY

WHITING FIELD

MAYPORT

JACKSONVILLE

KEY WEST

PENSACOLA

All Hands Challenges

- *Self sufficient power and water generation since 1964*
- *BOG Knowledge*
 - *Crisis Mode – No Issues*
 - *Systemic – Repetitive Issues*
- *Fishbowl/Isolation/HN*
 - *Higher Stress Level*
- *Logistics*
- *NEX/MWR*
 - *Amenities open to all personnel*

Contractor Challenges

- *Planning*
- *Supply Chain*
- *TCN Workforce*
- *Contractor overflow berthing (Man Camps)*
- *Laydown Yards*
- *Medevac*
- *Foreign National (FN)/Third Country National (TCN)*
 - *No computer access*

Energy Opportunities

- ❑ NAVFAC SE and NS Guantanamo Energy Strategic Plan in 2012. All Energy and Water conservation measures are guided by this plan, and to-date, all actions have been centric to that plan.

PUBLISHED ENERGY/WATER STRATEGIC PLAN

NAVFAC
NAVAL FACILITIES ENGINEERING COMMAND AND SUPPORT CENTER

GUANTANAMO BAY ENERGY STRATEGIC PLAN
2012
2020

*A message from the Commander,
Naval Station Guantanamo Bay*

Naval Station Guantanamo Bay's energy strategy is essential to protecting the installation from vulnerabilities over concerns from worldwide fuel costs, fluctuating demand and a sustainable energy future. As the Navy increases shore energy security by decreasing energy consumption, increasing energy efficiency, increasing the use of alternatives, and increasing the reliability of its energy supply to critical assets, GTMO residents must recognize that they are a critical element towards attaining those goals.

There must be a realistic assessment of the current energy situation and environment impact in order to develop flexible options, make choices and investments that will yield a robust energy strategic plan. Success needs to be measured with accurate data and analysis and by constant monitoring and evaluation of the execution of the strategy's objectives.

At the core of this energy strategy is the recognition that Naval Station Guantanamo Bay needs to identify where we are today, and where we expect to be tomorrow, while simultaneously partnering with all of our residents and key energy stakeholders to meet our energy goals.

CAPT John R. Nettleton, CG



- PHOTOTVOLTAIC
- WASTE TO ENERGY
- ENERGY EFFICIENT GENERATOR POWER
- AUTOMATED CONTROLS

QUESTIONS/DISCUSSION





Naval Station Guantanamo Bay Industry Day Brief

Presented By:
CDR Ron Jenkins
Public Works Officer
Naval Station Guantanamo Bay
05 November 2014



Purpose & Agenda



- ❑ **Familiarize Energy Service Contractors (ESCOs) with Naval Station Guantanamo Power generation, Power Transmission, Power Consumption, Logistics, and Water Production and Distribution**

- ❑ **Understand challenges of performing work in Guantanamo**

- ❑ **This is not a Pre-Proposal Inquiry (PPI) forum. The Navy intends to use the DOE ESPC contract by issuing a Notice of Opportunity (NOO)**

- **Agenda**
 - ✓ **Problem Statement**
 - ✓ **Utilities Infrastructure Overview**
 - ✓ **Renewables**
 - ✓ **Waste stream characteristics**
 - ✓ **Logistics in Guantanamo**



Problem Statement



Problem Statement:

- ❑ **Naval Station Guantanamo Bay requires a holistic approach to all aspects of energy and water production and consumption at the installation with innovative solutions using state of the art technologies to lower the overall utility requirements while providing improved availability, stability, and reliability.**

- ❑ **Existing Systems are aged with ineffectively and inefficiently piecemealed solutions with no interconnection and generally lacking in overall reliability.**

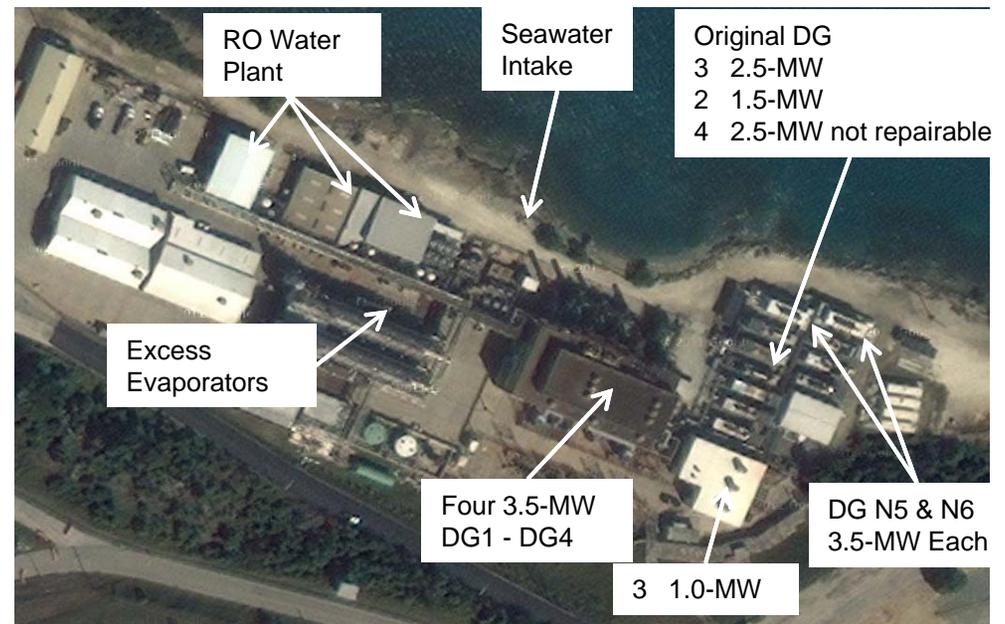
- ❑ **Holistic approach will include implementation of innovative solutions at all Naval Station facilities and Supported Commands to include, CNIC, Family Housing, Joint Task Force, BUMED, and other smaller tenant Commands.**



Utilities Infrastructure Overview



- ❑ NAVSTA Guantanamo is totally isolated, power and water is generated on the installation via diesel generators and reverse osmosis units.
- ❑ 6 Reverse osmosis units
- ❑ 6 Reliable 3.5MW diesel generators
- ❑ Reliable production capacity 21MW
- ❑ Current peak demand 20MW
 - ✓ JTF represents ~20% load
- ❑ No overall approach to Energy Management Systems (EMS) to monitor, control, and optimize performance of utility systems
- ❑ No Supervisory, Controls, and Data Acquisition Systems (SCADA)



Desalination and Power Plant

No reliable production and reserve capacity during peak season. Power outages occur on average once every 6 days because of antiquated infrastructure and control system. NWCF O&M and BOS contract costs continue to grow in order to reliably operate and maintain a 32-year old antiquated, inefficient, and unreliable power plant (with few parts available) serving the NAVSTA's tenant commands.



Utilities Infrastructure Overview



- ❑ **Current Power Plant is mix of units in varying states of failure.**
- ❑ **Some units have been cannibalized for parts.**
- ❑ **Location is crowded, subject to storm surge and corrosive sea air.**
- ❑ **Maintenance is difficult in cramped enclosures, and units are prone to overheating (note open doors).**





Utilities Infrastructure Overview



Power Production (Daily)

Generator	Manufactured	Condition	Production Capability
C-1	1971	Unreliable	2.5 MW
C-2	1971	Unreliable	2.5 MW
C-3	1970	Unreliable	2.5 MW
N-5	2004	Operational	3.5MW
N-6	2004	Operational	3.5 MW
G-1	2010	Operational	3.5 MW
G-2	2010	Operational	3.5 MW
G-3	2011	Operational	3.5 MW
G-4	2011	Operational	3.5 MW

Backup / Black Start

Generator	Manufactured	Condition	Production Capability
RR1 (MUSE)	1969	Unreliable	1.5MW
RR2 (MUSE)	1969	Unreliable	1.5 MW
RR3 (MUSE)	1969	Unreliable	1.5 MW
LW (MUSE)	1969	Unreliable	1.5 MW
LW (MUSE)	1969	Unreliable	1.5 MW
A1	1957	Unreliable	1 MW
A2	1957	Unreliable	1 MW
B1	1957	Unreliable	1 MW

A1, A2, B1 are black start

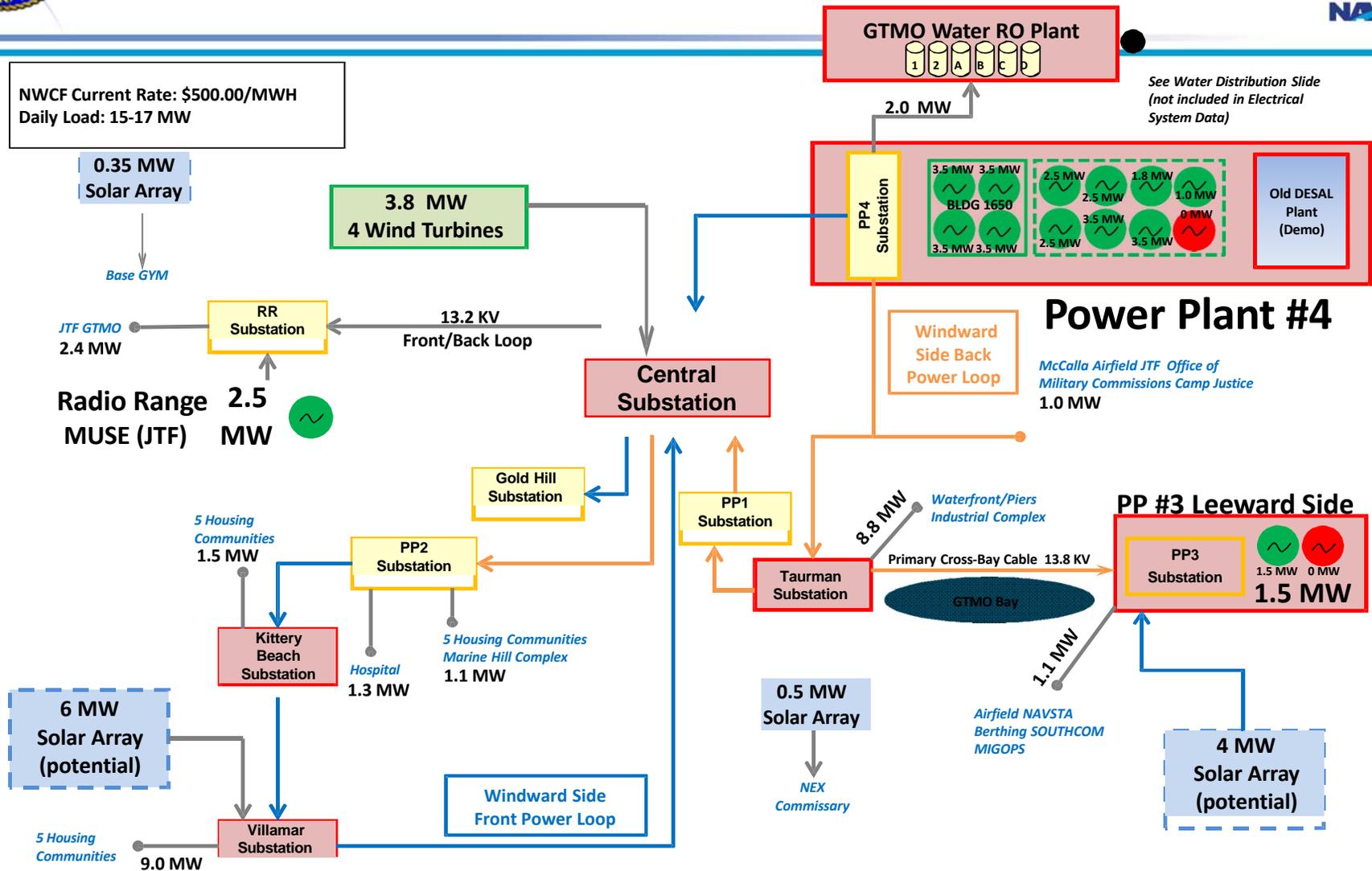
Not Operational*

Generator	Manufactured
N-1	1976
N-2	1976
N-3	1976
N-4	1976

***Cannibalized or slated for turn-in (e.g. M-2 MUSE unit)**



NAVSTA Guantanamo Electrical Infrastructure



Note:
All transmission voltages are 34.5 KV unless otherwise marked.

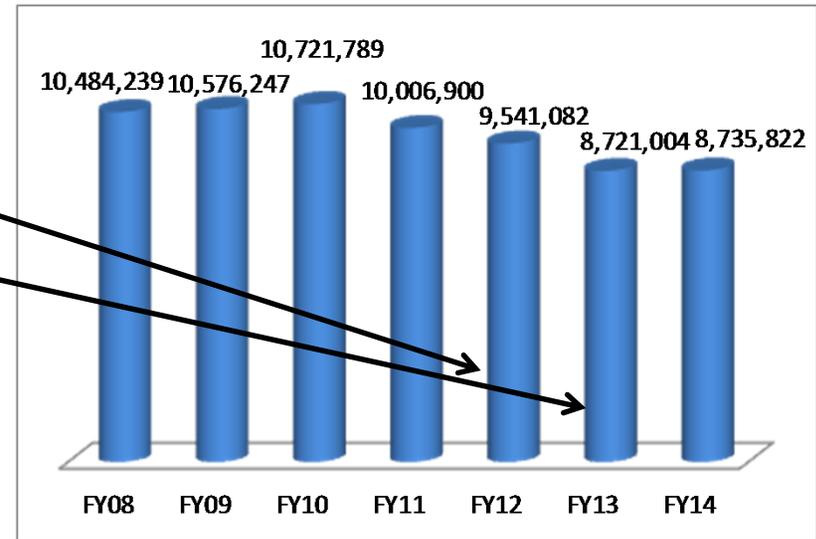


Utilities / Infrastructure



Power Production Concerns

- ❑ Reliable Production capacity: 21 MW
- ❑ Current peak demand: 19MW (90%)
- ❑ Inefficient power production (new generators – 2 in FY11 & 2 in FY12 -reduced fuel consumption)
- ❑ Inadequately leveraging renewable capability
 - Limited AMI, DDC instruments
 - No overall Energy Management System (EMS) approach to monitor, control, and optimize performance of utility systems
 - No Supervisory, Controls, and Data Acquisition Systems (SCADA)



Fuel Consumption (Gallons)

Guantanamo Energy Way Ahead

FY-15 COMMODITY RATES

Elect:	\$500.00/ MWh
Water:	\$25.00 / KGal
Sewer:	\$25.00/ KGal

- Holistic approach to energy infrastructure
- Industry forum November 5th, 2014 (Jax)
- Issue Notice of Opportunity December 2014
- Issue RFP March 2015
- Receive proposals December 2015
- Award ESPC June 2016

- Continue NWCF MMR funding to continue generator overhauls, substation repair and replacement, etc.

Energy Intensity



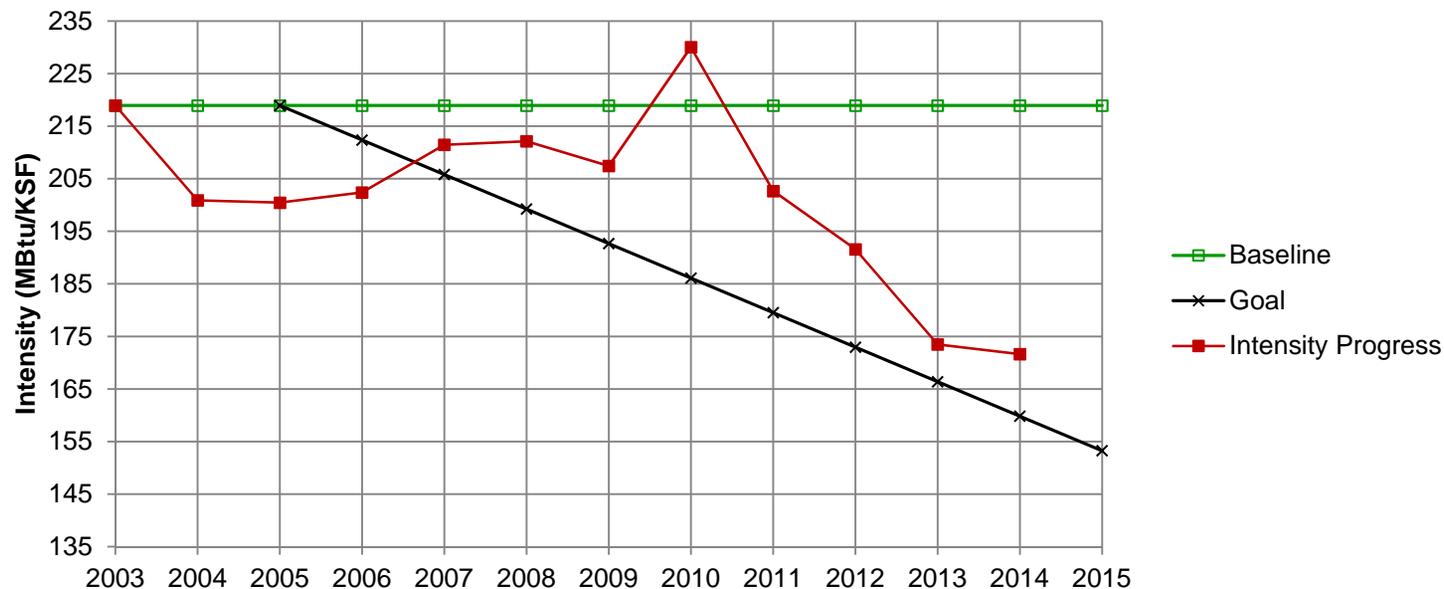
•Energy Intensity

- 2003 Baseline: 218.93 MBTU/KSF
- FY14 Goal: 159.82 MBTU/KSF
- FY14 Actual: 171.64 MBTU/KSF
- Comments/Notes: Goal progress-22 %

• Water Intensity

- 2007 Baseline: 59.82 KGAL/KSF
- FY14 Goal: 50.85 KGAL/KSF
- FY14 Actual: 57.55 KGAL/KSF
- Comments/Notes: Goal progress-4%

NAVSTA Guantanamo Bay Energy Reduction Progress





Utilities Infrastructure Overview



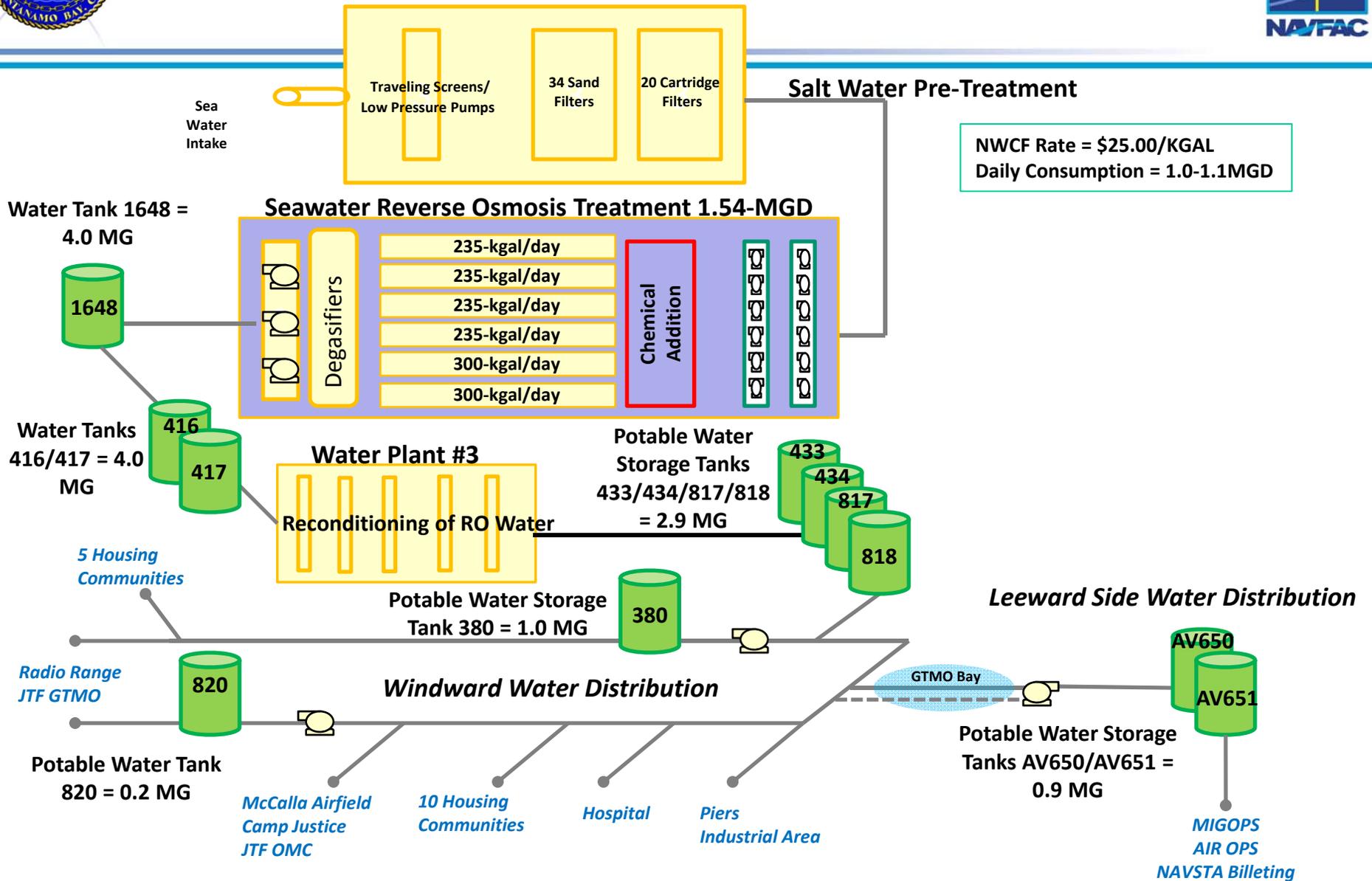
Water Production

- ❑ Production: 1.0-1.3 MGD. Consumption: 1.0-1.10 MGD
- ❑ Current storage Capacity: 13.0 MGAL (750 KGAL Leeward)
- ❑ Distribution System – 92 Miles Total
 - ~87% Replaced from 1980s (HDPE, PVC)
 - Housing laterals replaced 2007-2011
 - Asbestos concrete pipe (1940s), DI pipe (1960s)
- ❑ Age / condition of RO Plants (typically run 4/5 of 6 trains due to repair)
 - ✓ Loss of Production requires draw from storage
- ❑ Leak Detection Survey and Repair – 2013

SWRO DESIGN CAPACITIES							
UNIT	CAPACITY		P. Vessel (Qty)	Membrane Per Vessel		Year Commissioned	REMARKS
	USGPD	GPM		QTY	TOTAL		
RO AQUA 1	300,000	173	20	6	120	1990	Upgraded from 250K to 300K
RO AQUA 2	300,000	173	20	6	120	1990	Upgraded from 250K to 300K
MATRIX TRAIN A	235,000	138	12	6	72	2000	Upgraded from 200K to 235K
MATRIX TRAIN B	235,000	138	12	6	72	2000	Upgraded from 200K to 235K
BRSC TRAIN C	235,000	138	12	6	72	2002	Upgraded from 200K to 235K
B/R TRAIN D	235,000	138	12	6	72	2004	Introducing two (2) Pressure Exchanger
LP RO TRAIN A	50,000	40	3	6	18	2003	
LP RO TRAIN B	50,000	40	3	6	18	2003	
TOTAL	1,640,000						

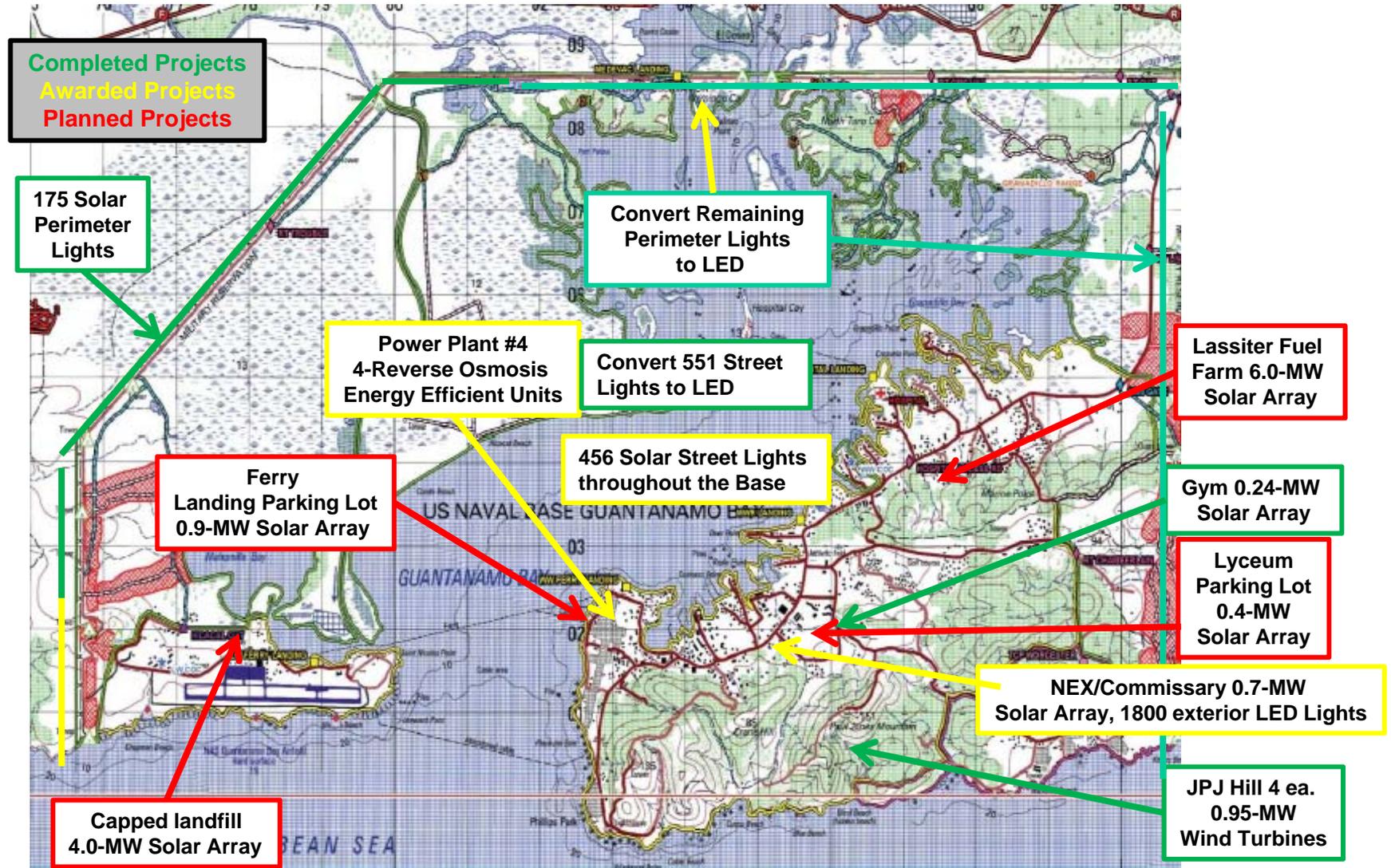


NAVSTA Guantanamo Water Infrastructure





Guantanamo Bay Renewable Energy





Guantanamo – Waste To Energy (WTE)



- ❑ **NAVSTA Guantanamo Bay utilizes open burning of MSW daily for volume reduction before land filling.**
 - ✓ The air curtain incinerators used for this process are designed to burn wood waste only, and are not designed for sustained use or for treating MSW.
- ❑ **Solid waste – approx. 10 tons / year of wastewater and sewage sludge is disposed of at the landfill.**
- ❑ **Recycling program of plastic and metals under Base Operating Support Contract.**



Guantanamo – Waste To Energy (WTE)



- ❑ **Solid waste characterization study was completed in February 2012**
 - ✓ Projection of current waste generation with approximately 13,400 tons of material potentially available for incineration each year (37 tons per day) with an average HHV of 6,295 BTU/lb.
 - ✓ Identified several opportunities to modify existing waste management practices.
 - ✓ Considered additional waste sources such as oil-sludge from fuel tanks, making a waste to energy plant economically and technically feasible.

- ❑ **Used tires continue to be stockpiled at the landfill now estimated at over 120,000 tires.**
 - ✓ For example, in 2014 an additional 102 tons of tires were added to the stockpile.

- ❑ **Waste stream components potentially suitable for combustion in a WTE unit were categorized into 12 categories.**



Guantanamo – Waste To Energy



Household Garbage Composition and Projected Heating Value

Waste Type		Percent Composition	HHV (BTU/lb)	Tonnage Weighted HHV(B
Paper	Cardboard	15.8%	7,650	1,210
	Newsprint, Misc.	10.4%	7,100	737
Plastic	Styrofoam	2.4%	17,800	428
	Bags / Wrappers	6.8%	12,050	820
	Containers/Bottles	7.4%	10,250	760
Glass	All glass	6.2%	0	0
Metal	All metal	3.9%	0	0
Organics	Yard Waste	5.9%	3,000	178
	Textiles	5.2%	7,520	391
	Food Waste	29.0%	2,600	753
Inorganics	All	7.0%	0	0
Total		100%		5,278

Overall Waste Stream Composition and Projected Heating Value

Waste Type	FY 11 Total Weight (Tons)	Percent Composition	HHV (BTU/lb)	Tonnage Weighted HHV (BTU/lb)
Trash	1337	9.99%	6,580	657
Yard Waste	1060	7.92%	3,000	238
Tires	109	0.81%	13,450	109
Tire Stockpile	110	0.82%	13,450	111
C&D Wood	2025	15.13%	7,301	1,105
Household Garbage	5422	40.50%	5,278	2,138
Grease Trap Waste	3176	23.72%	7,700	1,827
Cooking Grease/Sewage Sludge	10	0.07%	7,700	6
Rubber	24	0.18%	13,450	24
Telephone Pole	62	0.47%	6,250	29
Telephone Pole Stockpile	15	0.11%	6,250	7
Waste Oil	37	0.27%	16,660	46
Total	13387	100%		6,295



Mobilization Logistics



❑ Entry Clearance & Identification

- ✓ SECNAV Form 5512/1 submitted to the KO 15 days for US citizens and 45 days for TCNs prior to entry
- ✓ Employees working in JTF shall be required to obtain badges upon entry
- ✓ Passports required as means of identification

❑ Berthing

- ✓ Management/Supervisory Housing will be rented at a fair market rate
- ✓ Initial crew berthing can be setup with NGIS
- ✓ Contractor is responsible for berthing its labor force.
- ✓ The contractor could be provided an area for camp setup if necessary and will pay prevailing rates for electric, water, sewer, and trash services.

❑ Work Force

- ✓ No available labor pool in GTMO.
- ✓ Third Country Nationals may be used. TCNs from dissident areas may be excluded and denied entry.
- ✓ No mandated wage rates.



Mobilization Logistics



❑ **Transportation of Personnel**

- ✓ Air Mobility Command (AMC) flights to and from Jacksonville, FL; Norfolk, VA; Baltimore-Washington International (BWI), Maryland; and Kingston, Jamaica. AMC terminal GTMO contact 011-5399-4850.
- ✓ IBC flights to and from Fort Lauderdale, Miami, and Palm Beach, Florida are currently available. Same entry procedures apply.

❑ **Transportation of Materials and Equipment**

- ✓ Vessels provided under contract to the Government depart every 14 days from Jacksonville, FL to GTMO and space is available to 3rd parties.
- ✓ Government materials take priority over contractor shipments.
- ✓ Contractor under no obligation to use government contracted vessels.
- ✓ Lay down area will be provided to contractor.
- ✓ Compressed gas cylinders must be procured and shipped by contractor.

❑ **On-Base Transportation**

- ✓ Contractor shall provide necessary personnel, vehicles, and equipment required and shall bear all costs associated.
- ✓ Base bus system available 7 days a week.
- ✓ Ferry service scheduled runs from Leeward to Windward 7 days a week.



Base Services - Logistics



Utilities

- ✓ Contractor will be charged prevailing rates for electric, water, and sewer.
- ✓ FY15 rates are:
 - ✓ Elect: \$500.00 / Mwh
 - ✓ Water: \$25.00 / Kgal
 - ✓ Sewer: \$25.00 / Kgal
- ✓ Water and power meters will be furnished and installed at the expense of the contractor.
- ✓ Backflow preventers are required at all temporary water connections.

Medical and Dental

- ✓ Medical and dental services available to the contractor's employees are limited.
- ✓ Hospital and Dental Clinic are primarily staffed to treat DOD personnel.
- ✓ Government ambulance and medical care when required will be billed at prevailing rates. For more information:
 - ✓ Dental Care: 011-5399-2239
 - ✓ Medical Outpatient Care: 011-5399-2230
 - ✓ Medical In-patient care rates: 011-5399-2185



Base Services - Logistics



Food Services

- ✓ Contractor personnel may eat at the Navy Exchange food outlets, or at other open food service facilities on a cash basis at current prices.
- ✓ Contractor personnel may also eat at Gold Hill, Leeward, and Seaside galleys.

Sanitary and Refuse Collection

- ✓ Sanitary services are provided by the Base Maintenance Services Contractor.
- ✓ Refuse services will be furnished at "Government Provided" living quarters (as part of rental rates) while services at contractor provided living quarters will be at contractors expense.
- ✓ Services do not include articles left outside of containers or refuse from construction/demolition sites.
- ✓ Responsibility of contractor to transport construction debris to landfill.

Exchange, Commissary, and Recreation Facilities

- ✓ Exchange and Commissary are open 7 days a week and available to all contractors in accordance with base regulations.
- ✓ MWR recreation facilities are available for use in accordance with base regulations.



Base Services - Logistics



Internet, Cable, and Phone Services

- ✓ Internet is available through SCSI or Phoenix Cable.
- ✓ Cable TV service is available through Phoenix Cable.
- ✓ Base telephone service for job sites, offices, and management quarters may be arranged for at Base Communications Business Office.
- ✓ Phone Services for living quarters and personnel, including local cellular and long distance, are available through SCSI.

Laundry and Dry Cleaning

- ✓ Laundry and dry cleaning facilities are available for contractor personnel at prevailing rates.

Petroleum Products

- ✓ Sale of petroleum products shall be made from NAVSTA Supply Department under special deposit procedures based on the prevailing rate.
- ✓ Gasoline (MOGAS), aviation gasoline (AVGAS), JP-5, and Diesel Fuel are available.
- ✓ Bulk Fuels are available for tanker delivery to your equipment or day tanks.
- ✓ Regular filling at station pumps may be utilized by paying prevailing rate.



Base Services - Logistics



Mail

- ✓ All incoming and outgoing mail is handled by air. Expect receipt of inbound mail in about 7-14 days and delivery of outbound mail in about 7-14 days.
- ✓ For newly arriving contractors, the PWD staff will help obtain a dedicated post office box at the Base post office. An employee's address will look like this:

John Doe

PSC 1005, BOX (assigned box number)

(name of contracting company)

FPO AE 09593

- ✓ A copy of your contract is required to set up a mailbox.

Banking

- ✓ Community Bank is located in the Navy Exchange atrium.
- ✓ There is also a Navy Federal Credit Union that's a non-cash, Member Service Center facility.
- ✓ Personal checks may be cashed at the Navy Exchange in the NEX Mall.
- ✓ Recommend a petty cash account be opened with Community Bank. A copy of current contract will be required.



Work at JTF Sites - Logistics



Restricted access

- ✓ JTF Access Badges obtained through JTF Badging via PWD.
- ✓ Employee SSN or Passport is required for JTF badge.
- ✓ Employees may be denied access to JTF areas or may require a military escort.
- ✓ All FN's are required to have a Security Interview IOT obtain JTF Badge.

Work Hour Restrictions

- ✓ Work hours may be restricted to observe Islamic prayer schedule or other similar requirements.
 - ✓ Work for the Islamic Prayer schedule will stop 10 minutes prior to prayer and start 10 minutes after prayer to ensure all camps are completed with prayer time.
 - ✓ Standard work hours within the JTF area are from 0700-1700 Monday through Saturday.
- ✓ Work within camps will incur further restrictions.
 - ✓ Work hours is from 0700-1700 Monday through Friday.
 - ✓ Contractor may have to stop work at anytime due to Detainee Operations.
 - ✓ Work in certain restricted areas may incur schedule impacts (up to 20% loss of productive work time)



NS Guantanamo Bay ESPC Schedule

5 NOV 2014

Project Schedule



ESPC Template Schedule - NS Guantanamo Bay Power Production and 85 Facilities	Target Date
Formal Issue Notice of Opportunity (NOO) and RDI Model 2 -ECM Power Generation to include ALL installation Facilities (open scope Energy Conservation Measures)	1-Dec-14
Respond to Requests for Information	2 DEC 2014 - 15 JAN 2015
Request for Discussion Information (RDI)	TBD - mid-JAN or early FEB
Evaluation Board - <i>down select to one contractor</i>	
Request for Preliminary Assessment (RPA) issued	
Contractor conducts and submits Preliminary Assessment includes Power Production and base load facilities	26-Jun-15
Approval (Issue task order request for proposal (TORFP))	
Client approval to proceed to Final Proposal (final 1391)	3-Aug-15
Issue TORFP	21-Aug-15
Final Proposal	
Respond to Requests for Information	AUG 2015 - JAN 2016
Final Proposal Received	25-Jan-16
Award Approval	
Client approval to proceed to Negotiation	1-Mar-16
Negotiation	1-Apr-16
Award	1-Jun-16
Construction Phase	June 2016 - June 2018

Feedback



- **General Questions about ESPC**
- **Inquiries about the general procurement process**
- **Industry Day presentation copies**

- **Presentations and Q/A from this session will be uploaded to FEDBIZOPS as an amendment to N62470-15-R-4000**

- **Additional Q/A may be directed to Lynn Torres and industry day notice POC Erin Quimby. All Q/A will be answered through FBO publication.**

POCs



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