



# Power Purchase Agreement Program

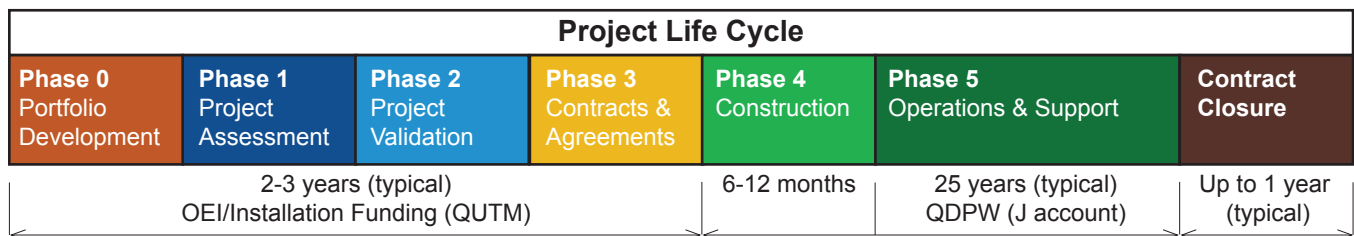
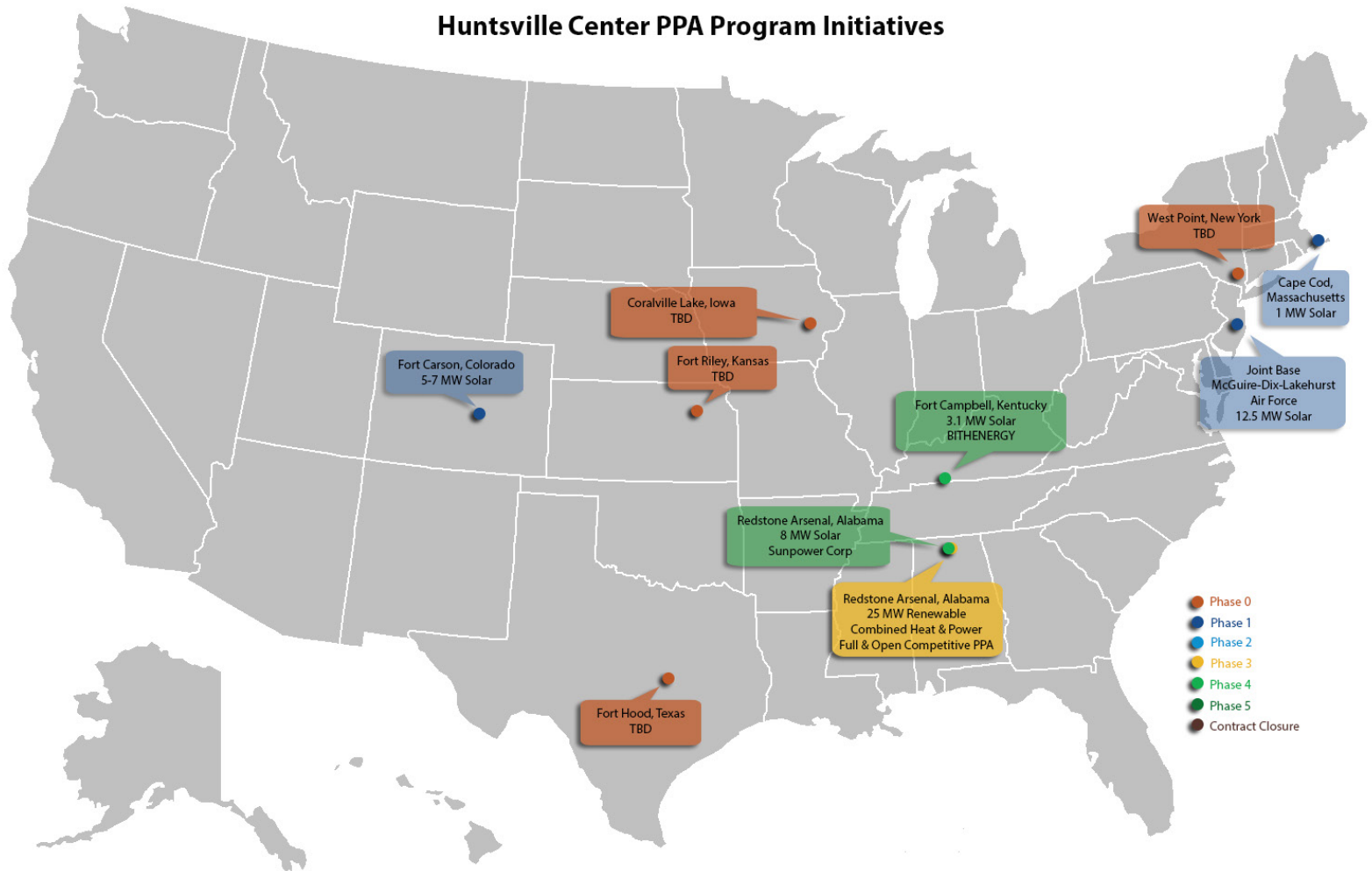
Program Manager 256-895-5246

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG.®

The U.S. Army Engineering and Support Center, Huntsville's Power Purchase Agreement (PPA) Program develops and provides life cycle project management for large (10MW or greater) and small scale (less than 10MW) renewable energy projects that leverage private sector (third party) finance. The PPA Program provides a Multiple Award Task Order Contract (MATOC) vehicle for the long-term purchase of energy from renewable alternative energy production facilities that private sector corporations design, finance, construct, operate and maintain on or near Department of Defense installations. The installation then purchases power from these facilities without acquiring any power generation assets, facilities or services costs.

## Huntsville Center PPA Program Initiatives



U.S. Army Corps of Engineers – Engineering and Support Center, Huntsville

P.O. Box 1600, Huntsville, AL 35807 Public Affairs Office 256-895-1694

www.hnc.usace.army.mil

Distribution A - Approved for Public Release - Unlimited Distribution - July 2016

## **Benefits**

A privately financed project delivers significant value to the Army, supports its mission and enhances the resiliency and sustainability of installations through the delivery of clean, reliable and affordable energy. PPAs provide installations with programmatic and acquisition assistance to meet the 2007 National Defense Authorization Act (NDAA) mandate to produce or procure not less than 25 percent of facility energy consumed from renewable sources by 2025.

The PPA Program can successfully assist installations in achieving their mandated goals and streamlining the acquisition process by using the \$7 billion Renewable Energy MATOC established in 2013 that consists of 94 companies (49 solar, 20 wind, 17 biomass and 5 geothermal).

The PPA Program works closely with the U.S. Army Office of Energy Initiatives (OEI) on large scale (10MW or greater) efforts and provides project management support to installations for projects less than 10MW.

## **Power Purchase Agreement Facts**

- The intent of PPA is to purchase power and not acquire any power generation assets. The PPA Program will focus on renewable alternative energy projects, but may include alternate energy sources that do not qualify as renewable but offer improvements or benefits in terms of greenhouse gas reductions, reduced energy costs or improved energy security.
- The geographic scope of PPA projects will be the United States, District of Columbia, U.S. Territories and the Republic of the Marshall Islands.
- The PPA Multiple Award Task Order Contract (MATOC) has a 10-year ordering period. The contract provides expertise in biomass, geothermal, solar and wind technologies.
- The authority for the PPA is 10 U.S.C 2922a, which allows the Army to enter into contracts (Renewable Energy Service Agreements) with power generation companies for up to 30 years.
- Construction of energy generating facilities located on or near DOD installations can reduce the risks to its installations of disruption caused by attacks on or breakdowns of electricity transmission systems.
- PPA supports the primary policy drivers for DOD renewable energy and energy security: Section 203 of the Energy Policy Act of 2005; Executive Orders 13423, 13514 & 13693; Energy Independence & Security Act of 2007; and 10 U.S.C. 2911.

Huntsville Center has additional energy programs and experience that can result in the analysis and combination of initiatives to provide customers an efficient and cost effective approach to reduce energy costs and usage.

**Installation Hotline** – PPA Program support is available to Army installation energy managers and Directorate of Public Works personnel. Call 256-895-5246.



# Renewable Energy MATOC

Program Manager 256-895-5246

U.S. ARMY CORPS OF ENGINEERS

BUILDING STRONG®

The Renewable Energy Multiple Award Task Order Contract (MATOC) is a contract vehicle that establishes a pool of qualified firms/contractors for four renewable energy technologies to compete for individual task order contracts. The U.S. Army Office of Energy Initiatives (OEI) and the U.S. Army Corps of Engineers' Engineering and Support Center, Huntsville, established the \$7 billion MATOC primarily to use for Power Purchase Agreements involving renewable or alternative energy projects greater than 10 megawatts.

These contracts will support the Army's achievement of its congressionally mandated energy goal of 25 percent production of energy from renewable sources by 2025, and improving installation energy security and sustainability.

The MATOC involves third-party financed renewable energy acquisitions and involves no Army capital or Military Construction appropriation. The Army only purchases the power from contractors who own, operate or maintain the generating assets. The MATOC's total estimated value of \$7 billion refers to the total dollar value of energy available for purchase under all Power Purchase Agreement task orders for their entire term (up to 30 years).

As renewable energy opportunities at Army installations are assessed and validated by the OEI, Huntsville Center will issue a competitive task order request for proposal (RFP) to the pre-qualified MATOC companies listed below for the specific technologies. Task orders will specify the type and amount of energy to be supplied to the Army installation or other federal user as well as other pertinent information for the developer to prepare a response that meets the government's requirements.

## Wind: 20 Companies

- Acciona Energy North America Corporation, Chicago, IL
- Ameresco Inc., Framingham, MA
- Cobra Industrial Services Inc., Houston, TX
- Dominion Energy Inc., Richmond, VA
- Duke Energy, Charlotte, NC
- EDF Renewable Energy, San Diego, CA
- Emerald Infrastructure, San Antonio, TX
- Enel Green Power North America, Andover, MA
- EverPower Wind Holdings Inc., Pittsburgh, PA
- First Wind, Boston, MA
- Iberdrola Renewables LLC, Portland, OR
- Infigen Energy U.S. Development LLC, Dallas, TX
- M. Arthur Gensler Jr. & Associates Inc., Dallas, TX
- Northland Power Inc., Toronto, Canada
- Siemens Government Technologies Inc., Arlington, VA
- Stronghold Engineering Inc., Riverside, CA
- Turn Key Power Consortium LLC, Orlando, FL
- VERT Investment Group, Houston, TX
- West Texas Power Company, San Angelo, TX
- New Generation Power Inc., Chicago, IL

## Geothermal: 5 Companies

- Constellation NewEnergy Inc., Baltimore, MD
- ECC Renewables LLC, Burlingame, CA
- Enel Green Power North America Inc., Andover, MA
- New Generation Power Inc., Chicago, IL
- Siemens Government Technologies Inc., Arlington, VA

## Biomass: 17 Companies

- Acciona Energy North America Corporation, Chicago, IL
- Ameresco Inc., Framingham, MA
- ECC Renewables LLC, Burlingame, CA
- EDF Renewable Energy, San Diego, CA
- Emerald Infrastructure, San Antonio, TX
- Energy Answers International Inc., Albany, NY
- EIF United States Power Fund IV, L.P., Needham, MA
- Energy Management Inc., Boston, MA
- Energy Systems Group LLC, Newburgh, IN
- Honeywell International Inc., Golden Valley, MN
- MidAmerican/Clark JV, Bethesda, MD
- Pacolet Milliken Enterprises Inc., Spartanburg, SC
- Siemens Government Technologies Inc., Arlington, VA
- Stronghold Engineering Inc., Riverside, CA
- Wheelabrator Technologies, Hampden, NH
- New Generation Power Inc., Chicago, IL
- TransGen Energy Inc., Rockville, MD

## Solar: 49 Companies

- Acciona Energy North America Corporation, Chicago, IL
- ABM Government Services LLC, Hopkinsville, KY
- Ameresco Inc., Framingham, MA
- Apex Wind Energy Holdings, LLC, Charlottesville, VA
- Bay Electric Company Inc., Newport News, VA
- BITHENERGY Inc., Baltimore, MD
- Bright Light Federal LLC, Littleton, CO
- Borrego Solar, San Diego, CA
- Chevron Energy Solutions Company, San Francisco, CA
- Cobra Industrial Services Inc., Houston, TX
- Constellation NewEnergy Inc., Baltimore, MD
- Distributed Sun LLC, Washington, DC
- Dominion Energy Inc., Richmond, VA
- Ecoplexus, San Francisco, CA
- EDF Renewable Energy, San Diego, CA
- Element Power US LLC, Portland, OR
- Emerald Infrastructure, San Antonio, TX
- Enel Green Power North America, Andover, MA
- Energy Matters LLC, Arlington, VA
- Energy Ventures LLC, Rockville, MD
- Essex Construction LLC, Upper Marlboro, MD
- First Solar Development Inc., San Francisco, CA
- FLS Energy, Asheville, NC
- Foresight Renewable Solutions LLC, San Francisco, CA
- Gehrlicher Solar America Corporation, Springfield, NJ
- Indian Energy LLC, Newport Beach, CA
- Infinity Development Partners LLC, New Braunfels, TX
- Johnson Controls Government Systems, Milwaukee, WI
- Legatus6 LLC, Chevy Chase, MD
- Lend Lease, Nashville, TN
- Main Street Power Company Inc., Boulder, CO
- New Generation Power, Chicago, IL
- NRG Energy Inc., Princeton, NJ
- Photon Finance LLC - SunPower, Mountain View, CA
- RE IndependenceCO LLC, San Francisco, CA
- Scatec Solar North America Inc., Sausalito, CA
- Siemens Government Technologies Inc., Arlington, VA
- Silverado Power LLC, San Francisco, CA
- Solar Power Ventures, Arlington, VA
- Standard Solar, Inc., Rockville, MD
- SunEdison Government Solutions LLC, Beltsville, MD
- SunEdison LLC, Beltsville, MD
- SunLight General Capital LLC, New York, NY
- Sunpower Corporation, Richmond, CA
- SunWize Technologies Inc., San Jose, CA
- WGL Energy Systems Inc., McLean, VA
- Third Sun Solar LLC, Athens, OH
- TransGen Energy Inc., Rockville, MD
- Victory Renewables LLC, Juno Beach, FL



• Denotes Small Businesses

U.S. Army Corps of Engineers – Engineering and Support Center, Huntsville

P.O. Box 1600, Huntsville, AL 35807 Public Affairs Office 256-895-1694

www.hnc.usace.army.mil

Distribution A - Approved for Public Release - Unlimited Distribution - July 2016