

## Press Release

# Construction Begins on Microgrid at Marine Corps Air Station Miramar

- **Black & Veatch, Schneider Electric project to protect mission-critical operations**

**OVERLAND PARK, Kansas, September 29, 2017** – U.S. Marine Corps and Naval Facilities Engineering Command Southwest leadership hosted a groundbreaking ceremony Sept. 28 celebrating the start of construction for an energy security microgrid at Marine Corps Air Station (MCAS) Miramar, in San Diego, California. Black & Veatch and Schneider Electric, [in a joint venture](#), are providing design and construction support on the project.

Once fully operational, the microgrid will provide resiliency, incorporate renewable energy, and allow operations at mission-critical facilities to continue if the utility power grid is compromised or damaged. The project is scheduled to be completed in 2018.

“Advancing this first-of-its-kind project to the construction phase is a significant milestone,” said Greg Clum, President of Federal Services at Black & Veatch. “Once commissioned, the microgrid solution will help achieve energy efficiency, reliability and cost-saving goals, and protect essential flight line operations.”

“MCAS Miramar is a proven leader in renewable energy deployment,” said Daniel Vesey, U.S. Navy Global Account Manager, Energy and Sustainability Services, Schneider Electric. “This project will not only enhance future renewable energy implementation, but help reduce utility demand charges by facilitating demand response programs and enabling better management of energy loads throughout the installation.”

Construction will include the buildout of a new diesel and natural gas power plant and refurbishment of an existing building into an advanced energy and water operations center (EWOC). The EWOC will provide microgrid and plant operators, and base energy personnel with direct control of the integrated microgrid control system, utilizing Schneider Electric’s OASyS SCADA software. The microgrid will also integrate existing power generated from renewable energy sources including biogas from a local landfill and solar photovoltaic (PV) generation, and future energy storage.

**Media Contact**

Text100 for Schneider Electric  
Renatta Siewert  
Tel: 212-331-8402  
renatta.siewert@text100.com

**Media Contact**

Black & Veatch  
Beatrice Livioco  
Tel: 571-366-6984  
liviocob@bv.com

# Press Release

## Editor's Notes:

- Contracting activity was performed through the Naval Facilities Engineering Command, Southwest (NAVFAC Southwest).
- More than 15,000 service members and their families reside at MCAS Miramar, which is home to Marines and Sailors from the 3rd Marine Aircraft Wing.
- The 3rd Marine Aircraft Wing's mission is to provide combat ready expeditionary aviation forces capable of short notice worldwide deployment to Marine Air Ground Task Force (MAGTF) fleet and unified commanders.
- The microgrid island at Miramar will cover more than 100 mission-critical facilities, including all flight line operations.

### About Schneider Electric

Schneider Electric is the global specialist in energy management and automation. With revenues of \$26 billion US dollars (25 billion euros) in FY2016, our 160,000+ employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives. At Schneider Electric, we call this **Life Is On**.

[www.schneider-electric.us](http://www.schneider-electric.us)

### About Black & Veatch

Black & Veatch is an employee-owned, global leader in building critical human infrastructure in Energy, Water, Telecommunications and Government Services. Since 1915, we have helped our clients improve the lives of people in over 100 countries through consulting, engineering, construction, operations and program management. Our revenues in 2016 were US\$3.2 billion. Follow us on [www.bv.com](http://www.bv.com) and in social media.

Discover Life is On

Follow us on:       

#### Media Contact

Text100 for Schneider Electric  
Renatta Siewert  
Tel: 212-331-8402  
[renatta.siewert@text100.com](mailto:renatta.siewert@text100.com)

#### Media Contact

Black & Veatch  
Beatrice Livioco  
Tel: 571-366-6984  
[liviocob@bv.com](mailto:liviocob@bv.com)