



Marine Corps Base - Camp Lejeune

Resource Manager and Resilience Planning

About the Facility:

Marine Corps Base Camp Lejeune is a 246 square mile United States military training facility in Jacksonville, North Carolina. The base's 14 miles of beaches make it the home of Expeditionary Forces in Readiness, hosting more than 2,000 buildings.

Camp Lejeune sought a strategy to enhance energy efficiency, seek funding to support and implement an Energy Resilience and Conservation Investment Program (ERCIP) and increase resilience and sustainability for mission critical operations to continue during potential threats such as inclement weather or power outage events.

Scope of Work

As a result, SEA was contracted to provide engineering and technical support services for Camp Lejeune by providing an on-site Resource Manager (RM). The RM becomes an extension of the Camp Lejeune team by working with the energy section of the Department of Public Works (DPW) to identify, develop and direct resilience and reliability efforts for the 27M square foot training facility.

Having over 2,000 buildings to evaluate can seem daunting for tackling energy issues, but SEA's RM was able to use data analytics to identify buildings with a high energy-use intensity to prioritize where to perform energy audits building by building. The RM then provided energy conservation measures (ECMs) for each building. This ensured that while the Installation Energy Manager (IEM) focused on energy issues at the macro level, there were still strides being made building by building.

While helping with the energy efficiency aspect, SEA has also been instrumental for helping Camp Lejeune meet the mandated resilience requirements. The on-site RM develops the Energy Resilience and Conservation Investment Program (ERCIP) projects to be approved for funding and then assists in requesting and establishing that funding. Our RM is also available as an additional resource for the IEM to help with other tasks such as reviewing drawings for military construction projects or assisting in negotiations for the Utility Energy Service Contract (UESC).

SEA provides RM for energy assessments of 2,000 buildings, helping to reduce energy costs by 30%

27M

Square Feet

2k

Buildings Evaluated

30%

Energy Savings

Over the past couple of years, Camp Lejeune has had an impressive track record when it comes to energy management, winning the Secretary of the Navy Energy Excellence Award while simultaneously managing to reduce their energy bill by over 30% across four years.

