



JOINT FORCES TRAINING BASE – LOS ALAMITOS, CALIFORNIA

ENERGY RESILIENCE PROJECT

Energy resilience is critical to Army Readiness. The homeland is no longer a sanctuary.¹ The Army is modernizing its installations with energy solutions that are resilient, efficient, and affordable.

The U.S. Army Office of Energy Initiatives (OEI), Joint Forces Training Base – Los Alamitos (JFTB-LA), CA, California National Guard, and the U.S. Army Corps of Engineers, are collaborating on the development of an energy resilience capabilities project to be implemented at JFTB-LA. The proposed project will enhance energy resilience by providing “islandable” capability to power the base’s critical missions for a minimum of 14 days during a grid outage. In furtherance of this collaboration, the U.S. Army Corps of Engineers released a Request for Proposals seeking competitive proposals from private, public, or not-for-profit entities interested in entering into a ground lease (Enhanced Use Lease) at JFTB-LA. A contract award is anticipated in Calendar Year 2021.

About Joint Forces Training Base – Los Alamitos

JFTB-LA serves as the California National Guard’s primary military training facility and emergency-response hub in Southern California. Defense Support of Civil Authorities is a critical mission of the California National Guard, and together, JFTB-LA and Los Alamitos Army Airfield – the only military airfield in Los Angeles and Orange County – serve as the Guard’s major base in Southern California for emergency response. The runway can handle the largest military aircraft and its expansive ramp space provides a flexible sustainment platform for launching responders and supplies into affected areas.

JFTB-LA hosts over 40 major military, government, and civilian tenant organizations – including headquarters of the California National Guard’s 40th Infantry Division and the Army Reserve’s 79th Theater Sustainment Command. More than 6,000 Guardsmen and reservists from all military branches and first responders train at JFTB-LA.



Proposed Project Details

- The developer would construct, own, operate, and maintain the energy resilience capabilities project, which includes solar power generation assets, battery energy storage, and microgrid components to “island” JFTB-LA.
- The project is expected to include up to 20MW of solar photovoltaics and a 20MW/80MWh battery energy storage system.
- The project will enhance energy resilience by providing power for critical JFTB-LA missions during an electrical grid outage.
- During normal operations, the developer would sell power or services from the project to off-base customers via the electrical grid.
- The project may also enhance grid reliability by alleviating transmission line congestion or providing other electrical grid quality-enhancing services.
- The potential project includes a maximum 30-year lease term for up to 100 acres.
- The environmental assessment is anticipated to be released in mid-2021. The public will have an opportunity to review, provide comment, and participate in a town hall meeting about the project details.



JOINT FORCES TRAINING BASE — LOS ALAMITOS, CALIFORNIA

About Army Office of Energy Initiatives

The Army OEI seeks to assist Army installations in optimizing operations, meeting mission essential requirements, mitigating vulnerabilities, and sustaining critical capabilities during any energy disruption. The Army OEI is aligned under the Assistant Secretary of the Army for Installations, Energy and Environment and the Deputy Assistant Secretary of the Army for Energy and Sustainability. The Army OEI serves as the Army's central program management office for the development, implementation, and oversight of privately financed, large-scale, energy projects focused on enhancing energy resilience, energy security, and sustainability on Army installations. Army OEI collaborates with industry, public utilities, and other stakeholders to implement projects using alternate resourcing strategies that provide energy generation, storage, and control capabilities. These "islandable" capabilities can support critical operations in the event of a grid outage, enabling the Army to achieve the levels of mobility and lethality to maintain its tactical and strategic edge. For more information about Army OEI, visit: www.oei.army.mil.

About U.S. Army Corps of Engineers

The U.S. Army Corps of Engineers (USACE) has approximately 37,000 dedicated Civilians and Soldiers delivering engineering services to customers in more than 130 countries worldwide. With environmental sustainability as a guiding principle, the disciplined Corps team is working diligently to strengthen our Nation's security by building and maintaining America's infrastructure and providing military facilities where our servicemembers train, work, and live.



¹ 2018 National Defense Strategy

