About this "Low-Impact" O&M Port Concept Rendering

Clean Energy Terminals (CET) is currently initiating a technical and commercial feasibility study for the West Coast's first offshore wind operations and maintenance (O&M) port in partnership with the Port San Luis Harbor District. The feasibility study is expected to take 6-18 months and will include robust and meaningful bilateral community and stakeholder dialogue.

Many San Luis Obispo County stakeholders are interested in what a potential O&M port in San Luis Bay could look and feel like. However, there are not many existing examples of the type of "low-impact" O&M port concept that could be a good fit for the California Central Coast.

To help initiate a constructive dialogue with all interested parties, CET has proactively created the above generic visualization of such a "low-impact" O&M port concept set in a general coastal harbor.

What is an Offshore Wind O&M Port?

Offshore wind farms require consistent operational monitoring and regular turbine maintenance for 20+ years. O&M ports are the long-term, land-based hub for these activities. O&M port facilities typically consist of two parts: deepwater vessel berths and onshore facilities. The onshore facilities can be located within 5-10 miles of the berths if there is a lack of available waterfront space.

Offshore turbine maintence will typically be executed using a Service Operation Vessel (SOV). This purpose-built offshore wind vessel is typically 250-300 feet in length and can accommodate up to 100 wind technicians and crew. Typically, SOVs are at sea 13 of every 14 days and only come to shore to transfer crew, provisions, and small spare parts for a period of 12-to-24 hours. Large components like blades, towers, and foundations will not be transported through the O&M port.

For more information, visit: cleanenergyterminals.com

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