



Founded in 1999, **E3 Consulting** is a technical advisor specializing in reviews of complex, capital-intensive projects for capital providers, developers, owners, and regulators. With extensive due diligence and technical advisory experience, we identify risks that could hinder financing or delay construction—and, more importantly, offer practical solutions to mitigate those risks and keep projects on track.

Independent and Owner's Engineering

- 26 + years' experience
- 1,200 + clients
- 2,200 + projects
- \$150 Billion, 100+ GW Financed
 - Energy Storage
 - Renewables
 - Power Generation
 - Oil, Gas, Hydrogen and Chemicals
 - Infrastructure, Industrial and Commercial
 - Electric Transmission

Roles Served

- ◇ Independent Engineer
- ◇ Owner's Engineer
- ◇ Advanced Field Engineer
- ◇ Independent and Construction Monitor
- ◇ Technical Advisor



BRIDGING THE GAP: PROVIDING ENVIRONMENTAL PERMITTING SUPPORT

As renewable energy projects grow in number and complexity, local government agencies often face challenges reviewing land use and development permit applications. Developers usually hire specialized consultants to assess project impacts, but agencies may lack the resources or expertise to fully evaluate these reports.

E3 Consulting helps close this gap. For example, when a renewable energy developer submits a 1041 land use permit application, our Permitting Support team delivers clear, practical reviews. We focus on identifying and explaining potential project impacts, addressing the needs of developers while considering the concerns of affected communities.

Our renewable energy experts help agencies confidently review complex applications, ensuring compliance with local, state, and federal requirements. Where regulations don't yet exist, we apply industry codes and standards for added protection. We help clients understand permitting requirements, assess risk, and ensure compliance during both construction and operations.

Drawing on deep experience with developers and investors, we pinpoint key issues, provide actionable recommendations, and help agencies make balanced decisions that support development goals while protecting community interests.

E3's Environmental Support Services Include:

- Permit Application Review Support
- Environmental Due Diligence
- Climate & ESG Risk Assessments



E3 Consulting provided a variety of services, including environmental support services, for the following representative projects. We would be happy to provide additional information.

Waiawa Phase 2 Solar, LLC is a solar and battery storage project in central Oahu at Waiawa being developed by AES Hawaii and selected to interconnect to Hawaiian Electric Company (HECO). The project is a 30MWac solar photovoltaic array plus 240 MWh of containerized lithium-ion Battery Energy Storage System (BESS) on 387 acres. E3 provided environmental permitting and Equator Principles review support.

Mammoth North Solar was developed by Doral Renewables LLC (Doral). The site is a 400 megawatt-AC, ground mounted, single axis tracking photovoltaic (PV) installation, occupying more than 4,500 acres in Starke County, Indiana. Mammoth North is a part of the broader Mammoth Solar Project, for which nearly 60 landowners in Indiana have leased approximately 13,000 acres of land. In addition to typical environmental due diligence, E3 provided an Equator Principles assessment.

Towner Wind Energy Center is a proposed two 500-megawatt wind energy project to be built in Kiowa County, Colorado. Both Towner East and Towner West are expected to be in operation by 2027. The Kiowa County 1041 Permits were approved in March 2024. E3 provided consulting services on the Kiowa County 1041 Permit application review.

TransWest Express Transmission (TWE) aims to provide the transmission infrastructure and capacity necessary to reliably deliver approximately 20,000 GWh/year of renewable energy generated in Wyoming to Arizona, Utah, Nevada, and southern California. The TWE Project will include 683 miles of high-voltage transmission infrastructure consisting of two systems: a 405-mile 525 kV direct current (DC) system with converter terminals in Wyoming and Utah; and a 278-mile 500 kV alternating current (AC) system from the Utah terminal to southern Nevada. E3 reviewed and provided guidance regarding the extensive environmental permitting requirements for the project.

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