

# Energy Technology Engineering Center

## Overview

The ETEC site is located at the Santa Susana Field Laboratory (SSFL), approximately 30 miles northwest of downtown Los Angeles, California. From the 1950s until 1988, the Department of Energy (DOE) and its predecessor agencies conducted nuclear and liquid metals research at the 90-acre site. While DOE does not own any land at the SSFL (today owned by The Boeing Company), the Department is responsible for demolition of the DOE-owned buildings and remediation of the 290 acres of the ETEC site and the adjoining Northern Buffer Zone.

The cleanup of ETEC is regulated by the State of California Department of Toxic Substance Control (DTSC), and other affiliated agencies, in addition to DOE.

## Key Regulatory Milestones 2022-2032

In 2010, DOE signed an Administrative Order on Consent with California regulators that required soil remediation to be completed by 2017. EM is engaging with California regulators on a path forward.

## Calendar Year 2021 Accomplishments

- Met an EM 2021 priority by completing the demolition of all DOE-owned buildings at ETEC
- Safely transported 350 shipments (22,000 cubic yards) of demolition debris to disposal
- Continued groundwater interim measures by capturing and removing approximately 9,000 gallons of solvent impacted groundwater, keeping it away from the deeper bedrock groundwater

## Planned Cleanup Scope 2022-2032

Over the coming decade, EM plans to initiate final groundwater treatment approaches, complete a ROD for soils cleanup, and begin soil remediation.



ETEC's Sodium Pump Test Facility, the final building for demolition, amid blasts from shaped charges.



## Post-2032 Cleanup Scope

Remaining cleanup activities at ETEC post-2032 will be dependent in large part on decisions and progress made on soil and groundwater remediation during the next 10 years. In 2017, Boeing applied for and received a conservation easement, which ensures the preservation and protection of the unique and critical habitat, Tribal cultural resources, and open space of its land at Santa Susana. The conservation easement is a legally enforceable property restriction that forever prohibits development or use of the land for residential or agricultural purposes. The land's future as an open space habitat will preserve the land as a wildlife corridor, benefit local plants and animals (many of which are protected), and preserve its many cultural resources. The envisioned end state for the ETEC site is an open space park for the surrounding community to enjoy and to provide habitat for the wildlife of the Santa Susana Mountains.



Debris is removed following the Sodium Pump Test Facility demolition.