

# Strengthening Battery Safety Standards

**SB 283 ensures California's critical battery storage systems meet the latest fire safety standards while supporting continued clean energy deployment.**

## Key Takeaways

- **Proven performance:** Battery storage systems have become a cornerstone of California's power grid. They can store enough wind and solar power to satisfy more than a fifth of the state's energy needs when electricity demand is at its highest.
- **Strengthening standards:** SB 283, authored by Senator John Laird and sponsored by California Professional Firefighters and the California State Association of Electrical Workers, ensures all facilities meet the latest National Fire Protection Association standards (NFPA 855) for fire-proof buildings and containment systems.
- **Safe expansion:** Industry-leading safety standards will support California's planned growth from over 15,000 megawatts today to 52,000 megawatts by 2045—enough to reliably power millions of homes during peak demand.



Photo credit: Recurrent Energy

Crimson Energy Storage Project

## Safely Supporting Clean Energy Growth

Batteries store solar and wind power and deliver it when the sun isn't shining and the wind isn't blowing, helping stabilize energy supplies and prices. State policies have driven a battery storage boom that helped the grid operate smoothly through last year's record heat wave.

A fire at an older battery storage site in Moss Landing raised questions about the technology's safety. Battery fires are rare, but in large enclosed facilities that aren't built to the latest code, they can spread quickly.

As this critical infrastructure expands rapidly, proactive safety standards protect workers and communities while maintaining public confidence in the technology.

SB 283 strengthens safety protocols with support from firefighters, electricians, industry, and utilities—ensuring California can continue leading this growing clean energy sector.

## Moving Forward

**Enhanced safety standards position California for continued leadership** in battery deployment. By enabling responsible growth from over 15,000 megawatts today to 52,000 megawatts by 2045, SB 283 helps ensure reliable clean power for millions of California families while maintaining the safety standards that protect communities and preserve public confidence in this critical technology.