

Cemex Black Mountain Quarry & Plant Turbines

Victorville, CA 92394 | GE | 2 x GE 1.6 MW + 2 x GE 1.5 MW | Installed by Foundation Windpower



Photo Credit: Foundation Windpower

**Cemex Construction
Material Pacific, LLC,**



located near Victorville, CA, seamlessly integrated wind energy into their operations with Foundation Windpower's installation of four GE wind turbines (two 1.6 MW on 262 ft towers and two 1.5 MW units on 213 ft towers). The turbines offset rising energy costs for this large industrial cement producer by providing a cost-effective and sustainable energy solution. Together the wind turbines produce over 6.5 million kWh/yr, helping to offset Cemex's substantial energy load without sacrificing space for mining and operations.

"This project demonstrates Cemex's commitment to find creative ways to save costs in a challenging regulatory environment," noted Matt Wilson, CEO of Foundation Windpower.

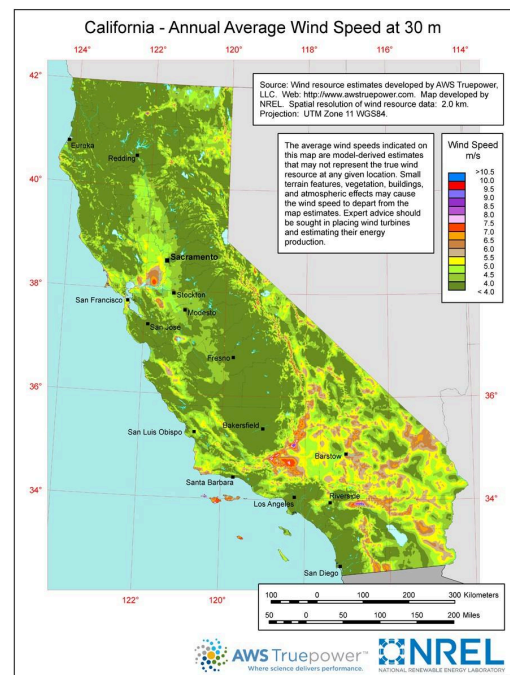
The wind turbines delivered immediate financial benefits through a Power Purchase Agreement locking in savings compared to utility rates. It also leveraged federal and state incentives, including the U.S. Investment Tax Credit and the California Self-Generation Incentive Program, enhancing its economic feasibility. Primary loads powered by the turbines include kiln operations and conveyor systems, with energy costs reduced by at least 25% compared to utility rates.

Key Findings

- Project reduces energy costs by at least 25%
- Produces ~6.5 million kWh annually
- Immediate payback period due to PPA locking in rates

Impact

- Secures long-term energy cost stability
- Demonstrates feasibility of wind energy in heavy industries



More than 230,000 California properties have wind resources suitable for distributed wind with a combined technical potential of 3.8 GW, per NREL

Want further information? Please see: www.AgWindEnergy.org or www.DistributedWind.org