

Genentech Case Study

Oceanside, CA



Project City: Oceanside, CA

Products: Solstex® Solar Facade System 17,000 Sq. Ft.
Alumitex® Aluminum Facade System (ACM) 6,000 Sq. Ft.

Industry: Pharmaceutical

Architect: Ferguson Pape Baldwin Architects

General Contractor: DPR Construction

Year Built: 2024

The Genentech project in Oceanside, California, exemplifies the integration of cutting-edge design with sustainable building solutions. This state-of-the-art pharmaceutical headquarters features 17,000 square feet of Solstex® solar facade panels paired with over 6,000 square feet of ACM cladding, making a bold architectural statement while contributing to environmental responsibility.

From inception, the project embodied a world-leading, multi-faceted approach that merged aesthetics, performance, and sustainability. The design team, led by Ferguson Pape Baldwin Architects, embraced innovative materials to realize a sleek, modern facade that performs as powerfully as it looks. The collaboration between Elemex and DPR, with clear communication and aligned goals from start to finish, resulted in a visually stunning and high-performing BIPV facade that showcases what's possible when strong partners collaborate.

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Sustainability in Action and Precision in Execution

In its first year of operation, the Solstex® system generated approximately 200,000 kilowatt-hours of renewable energy, displacing 103 tons of CO₂ emissions—an environmental impact equivalent to planting over 2,650 medium-growth coniferous trees. This energy-positive facade reflects Genentech's commitment to sustainable innovation in pharmaceutical research and production.

The successful delivery of this project once again demonstrates Elemex's ability to execute complex facade solutions with precision, coordination, and excellence. Our Solstex® system offered Genentech not only a visually stunning building envelope but also a tangible return on sustainability.

