



# ON THE GRID

## **PROJECT: Q CELLS USA CORP.'S CONIGLIO SOLAR PROJECT, IN TEXAS.**

**SIZE:** With a rated capacity of 168 MW, the solar power facility will be the largest project in Q CELLS' operating portfolio to date in the U.S.

**BACKGROUND:** The Coniglio project comprises 404,712 Q.PEAK DUO L-G8.2 415W solar modules, supplied by Q CELLS America Inc., and 42 inverters. The project was acquired mid-development in February 2020, and the Q CELLS team completed the work on financing, interconnection, land, revenue contracting, engineering, and procurement. Construction of the project commenced in June 2020 and mechanical completion was reached in June 2021.

The success of this project serves to further cement Q CELLS' position as a leading turnkey solar solution provider across all segments of the global solar industry, says the company, with vertically integrated expertise extending all the way from module engineering to development, financing, EPC, and power plant operation. Tenaska led the tax equity investment for the project and Tenaska's power marketing affiliate, Tenaska Power Services Co., will serve as the qualified scheduling entity for the site's electricity dispatching.

**BENEFITS:** The Coniglio Solar Project is well-sited, and there is a growing need for power in the ERCOT market in Texas. It is located in Fannin County, Texas and interconnects in the North ERCOT load zone. The project generates enough electricity to power approximately 30,000 homes.

## **PROJECT: THE SCOTT HAGGERTY WIND ENERGY CENTER AT ALTAMONT PASS IN LIVERMORE, CALIFORNIA, A RE-POWERED SOURCE OF CLEAN ENERGY.**

**SIZE:** 57 MW wind project

**BACKGROUND:** East Bay Community Energy (EBCE), one of California's most successful community choice power agencies, has started operating Scott Haggerty Wind Energy Center. The new project honors Scott Haggerty, a 20+ year advocate for Alameda County, and replaces 569 one-hundred-kilowatt turbines with 23 state-of-the-art environmentally and wildlife-friendly turbines. The project is emblematic of what EBCE sees as a new era for inclusive energy, says the agency. The new facility represents a \$20 million investment into Alameda County through tax revenue to support public services and will also sustain numerous clean energy jobs across operations and maintenance, following an initial output of more than 115,000 hours of union labor.

The project is owned by Greenbacker Renewable Energy Company, a leading owner and operator of sustainable infrastructure and energy efficiency projects. The clean electricity created from the new turbines will serve as a main supply source for EBCE's Renewable 100 program, a power mix of wind and solar energy servicing about 100,000 customers.

**BENEFITS:** The new wind farm will produce lower-cost electricity for thousands of residents and businesses who rely on EBCE for clean and affordable energy. EBCE has set a goal of providing all its customers with 100 percent clean energy by 2030, well ahead of California's official 2045 target date.

EBCE is a not-for-profit public agency that operates a Community Choice Energy program for Alameda County and 14 incorporated cities, serving more than 1.7 million residential and commercial customers.

## **PROJECT: FIRST PHASE OF THE MASSIVE AQUAMARINE SOLAR PV PROJECT IN CALIFORNIA.**

**SIZE:** 125 MW solar project

**BACKGROUND:** CIM Group has announced the first phase of the Aquamarine solar photovoltaic project at Westlands Solar Park (WSP) has reached commercial operation and is fulfilling its energy contract obligations with Valley Clean Energy Alliance and Silicon Valley Power. Aquamarine's second 125-megawatt phase will be complete and operational by year-end.

WSP is one of the largest permitted solar parks in the world, with the capacity to grow to more than 2,700-megawatts (2.7 gigawatts) of renewable energy at full buildout and the potential to provide clean energy to more than 1.2 million homes. The master-planned energy park encompasses more than 20,000 acres in California's San Joaquin Valley in western Fresno and Kings Counties and is designed to open in phases to meet the needs of public and private utilities and other energy consumers.

**BENEFITS:** Bringing clean solar power to California from Aquamarine is a major milestone in the realization of the full potential of CMI Group's 20,000-acre Westlands Solar Park, says the company. As one of the largest solar projects in the U.S., Westlands Solar Park will be a substantial resource to utilities and businesses advancing their plans to reduce carbon emissions and meet California's renewable energy goals.