



## + CASE STUDY

# Cox Communications Installs Integrated Solar-Plus-Storage Solution

## About Cox Communications

Cox Communications serves 6.5 million residences and businesses with high-speed internet access, telephone service, and more — making it the largest private broadband provider in the United States. Its corporate parent, Cox Enterprises, has been family owned since starting operations in 1898, and is committed to improving quality of life and helping the environment. To that end, Cox has invested more than \$100 million into sustainability, and pledges to be carbon and water neutral by 2034.

## Solar-Plus-Storage Project Overview

In keeping with its sustainability goals, Cox Communications tapped PowerFlex to design and install an integrated solar photovoltaic (PV)

### SYSTEM OWNER

Cox Communications, Inc.

### PROJECT LOCATION

San Diego, CA

### INSTALLATION TYPE

Rooftop & Carport Solar  
PV System, Battery Storage  
Energy System

### SYSTEM SIZE

480-kW Solar PV,  
560-kW / 1.4-MWh Battery

### INCENTIVE PROGRAM

Self-Generation Incentive  
Program (SGIP)

and battery energy storage solution at its primary corporate office in San Diego, California. In addition to a rooftop solar array, the project also features a solar carport that generates energy while providing shelter to vehicles — with a total solar system size of 480 kilowatts (kW). The integrated battery storage measures 560 kW with an energy capacity of 1.4 megawatt-hours (MWh).

Cox monitors system performance through PowerFlex Axxess™, a customer dashboard that provides full data transparency through a single sign-on. Users can see real-time solar and storage metrics such as solar production and battery state of charge in addition to facility load. Historical data is also available, which stakeholders can download for easy incorporation into internal and external reports.

## Project Benefits

Combined, the rooftop system and carport are expected to generate nearly 20% of the building's energy usage. This will contribute to \$150,000 in annual savings for Cox, with total lifetime savings topping out at \$1.1 million. The system is also projected to offset 374 tons of carbon each year, helping Cox on its journey to carbon neutrality. Additionally, the system has the potential to provide Virtual Power Plant (VPP) grid services in support of San Diego's Community Choice Aggregation program that supplies local communities with renewable energy.

See how PowerFlex can empower you and your site. **Contact us** today.

## About PowerFlex

PowerFlex, an EDF Renewables affiliate, is a clean technology solutions company making the transformation to carbon-free electrification and transportation possible. Our onsite intelligent energy management platform, PowerFlex X, monitors, controls, and optimizes onsite clean energy assets — solar, storage, EV chargers, and microgrids — and reduces overall energy costs through adaptive algorithms that maximize distributed energy resources. PowerFlex is the second-largest installer of commercial rooftop solar and the fourth-largest network of Level 2 EV chargers in the U.S. Our solar and storage projects offset 70,000 tons of CO<sub>2</sub> each year, while our 10,000+ EV chargers were responsible for offsetting 13,000 tons of CO<sub>2</sub> in 2022.