



CASE STUDY

Client Success Story: WALMART

Walmart, Inc. awarded a 50 MW portfolio in 2018 to EDPR NA Distributed Generation after the successful operation of an initial 5.8 MW award in South Carolina. Development and execution of projects in this portfolio are ongoing across 7 states ranging from Arizona, California, and Illinois to New Jersey, Louisiana, Maryland, and South Carolina with 36 MW of assets developed as of 2021.

System Information

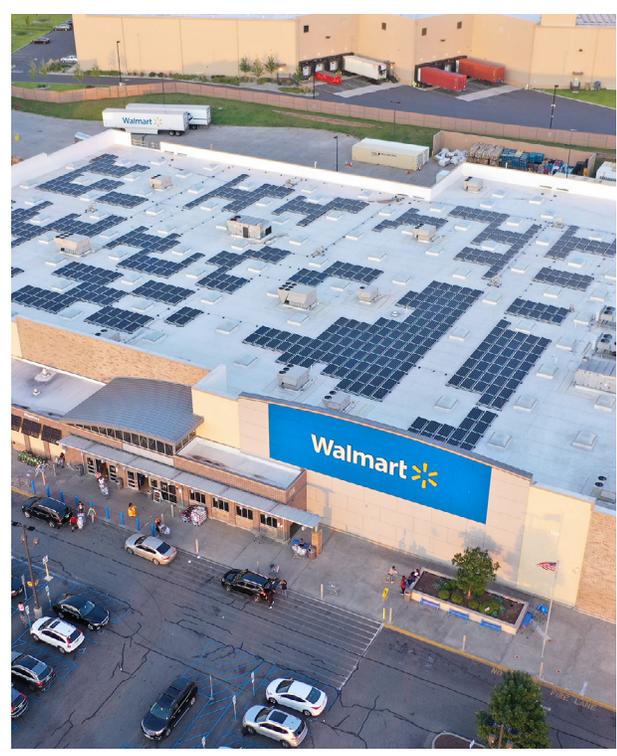
System Size	246 kW to 1.3 MW
Number of Sites	51 and growing
Services Provided	Design Financing Construction Operations Maintenance

Opportunity

For more than 15 years, Walmart’s sustainability efforts have prioritized people and the planet by aiming to source responsibly, eliminate waste and emissions, sell sustainable products, and protect and restore nature. Combined with their utility-scale efforts, Walmart was looking to implement onsite generation solutions as part of its journey towards becoming a regenerative company powered by 100% renewable energy by 2035. As part of its goal, Walmart is also working with its suppliers to avoid a gigaton of greenhouse gas emissions in its global value chain by 2030 and reach zero emissions across its operations by 2040.

“We’re pleased to collaborate with EDPR NA DG on the installation of these onsite solar projects that drive local environmental benefits, support the local economy and demonstrate our commitment to environmental stewardship in the communities we serve across the U.S.”

Zach Freeze
Senior Director for Sustainability
Walmart, Inc.



Annual Environmental Offsets



1,052
metric tons
of CO₂



127
homes’ energy
use for one year



2,644,873
miles driven by a
passanger car



128,015,928
smartphones
charged



39,887
incandescent lamps
switched to leds



1,289
acres of U.S. forests
sequestering carbon

Our Goal

EDPR NA Distributed Generation strives to create lasting relationships with our customers that not only focus on delivery of cost effective solar and storage projects, but also deliver on educational opportunities and community partnerships that last. From servicing Fortune 100 commercial and industrial (C&I) customers to those in the community solar and in the municipal, university, school and hospital (MUSH) sector, we provide a full suite of services from design and financing to construction and O&M, implementing the most cutting edge solar, storage, micro-grid, EV charging and other co-located technologies. EDPR NA Distributed Generation does not just develop 21st century projects – **we create investments that last.**



Outcome

EDPR NA DG put together an expert team across numerous states who had experience working in the specifically chosen states, with local market knowledge on solar installation. The team approached each site with a commitment to safety, while strategically ensuring that we would achieve Walmart's overall financial, environmental, and sustainability goals. EDPR NA DG evaluated more than 100 sites and proposed initial designs that would meet each Walmart's energy needs through a cost effective, long-term Power Purchase Agreement. EDPR NA DG continues its relationship with Walmart, exploring community solar opportunities, as well as additional community engagement & PR strategies to elevate Walmart's environmental stewardship and commitment to the communities it serves.

THE EDPR DIFFERENCE

Creativity and innovation underscored the collaboration, focused on ensuring Walmart continued its journey to becoming a significant carbon neutral leader. Using the latest in environmental innovation, EDPR worked with Walmart to support its commitment to pollinator-friendly solar by building a ground mount solar array at its Laurens, SC distribution center, featuring pollinator mixes that restore regional biodiversity. This effort, which is part of what is the largest pollinator health effort from a U.S. grocery retailer to date, aims to reduce several pollinator threats through the promotion of integrated pest management (IPM) practices and improving and expanding pollinator habitats. In addition to attracting beneficial pollinators, the project also lessens stormwater impact and increases the visual appeal of the installation.

For its efforts, EDPR NA DG's New Jersey portfolio – which was comprised of five solar installations for Walmart – won the Large-Scale Project of the Year award from Solar Builder Magazine in 2019. The Walmart Bayonne Supercenter was the featured recipient of the award.

Interested to learn more? Access EDPR NA Distributed Generation's portfolio of award winning projects here.

We welcome the chance to work with you to achieve your energy and sustainability goals.



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About EDPR NA Distributed Generation

At EDPR NA Distributed Generation (EDPR NA DG), accelerating the adoption and success of distributed generation is at the core of our mission. EDPR NA DG provides cutting-edge innovative renewable energy services across North America. Built on long-standing relationships with developers, power generators, corporate purchasers, municipalities and local communities, EDPR NA DG delivers a full suite of offerings ranging from financing and development to construction and operation of energy and storage assets poised to scale. To date, EDPR NA DG has an operating capacity of 290 megawatts (MW) across more than 530 active sites.

EDPR NA DG is a subsidiary of EDP Renewables (Euronext: EDPR), a global leader in the renewable energy sector. EDPR is the world's fourth-largest producer of wind and solar energy and is present in 28 markets in Europe, North America, South America, and Asia-Pacific. With headquarters in Madrid and leading regional offices in Houston, São Paulo, and Singapore, EDPR has a sound development portfolio of top-level assets and market-leading operating capacity in renewable energies. Particularly worthy of note are onshore wind, distributed and utility-scale solar, offshore wind (OW – through a 50/50 joint venture), and technologies to complement renewables such as storage and green hydrogen.

EDPR's employee-centered policies have received recognition such as Top Workplace 2023 in the USA, Top Employer 2023 in Europe (Spain, Italy, France, Romania, Greece, Portugal, and Poland) Colombia, and Brazil, and are also included in the Bloomberg Gender-Equality Index.