

THE HOME DEPOT

Optimizing Solar Energy for the Long Term

How DSD helped The Home Depot significantly expand its rooftop solar energy program across the east coast.

15.5 MW
total rooftop solar

12,974 MT
CO₂ avoided

18,350,192 kWh
produced annually

The Challenge

When The Home Depot decided to expand its renewable energy program, they set the bar high. Their goal was to broaden their solar energy usage across the east coast: starting with 27 installations across store locations in New Jersey, Connecticut, Maryland and Washington, DC.

To do it right, they needed an equally ambitious partner. DSD was selected to spearhead project implementation plans, site selection, financing and incentive capture for the portfolio of store locations. As the project began to unfold, DSD and The Home Depot forged a strong partnership that would prove valuable to achieve their sustainability and energy cost-savings goals over the long-term.

**Not just
changing;
transforming.**

Founded more than 40 years ago, The Home Depot is built on eight guiding principles which define its culture and have helped to build its business. These values include Doing the Right Thing, Giving Back, and Creating Shareholder Value. So, when The Home Depot looked to expand its solar energy program – including the enhanced autonomy and self-reliance that comes with increased energy independence – DSD stepped in as a trusted partner to help them achieve their goals.



#PoweredByIngeunity



The Outcome

The need to gather data about local grid interaction and onsite plant production, as well as detailed weather tracking sensor data, were imperative to optimizing energy usage over the long-term across locations. Through that due diligence, DSD was also able to offer a unique financing solution that delivered additional value.

In addition, DSD identified numerous opportunities for improvement within the existing sites' infrastructure, unrelated to the solar installation, which enabled numerous highly impactful operational upgrades.

Excited by these opportunities, The Home Depot expanded the original 27-store project to include an additional ten stores. The completed 15.5 MW portfolio has delivered an immediately impact — reducing electricity grid demand by an estimated 30 to 35 percent annually across all 37 retail locations.



Home Depot's energy reduction is equivalent to:

Taking 2,803 cars off the road each year



Each icon represents 100 cars

The Home Depot's solar solution reduces electricity grid demand by 30-35% annually across 37 retail locations.

“DSD evolved our operations efforts with a beautiful solution — designed specifically for our needs — that dramatically lowered our energy costs and reduced our carbon emissions.”

David Hawkins

VP Labor and Operations
The Home Depot

“The Home Depot needed a partner to help them build a path toward a new era of energy. We're proud to be that partner.”

Eric Pollock

Chief Commercial Officer
DSD

To learn about clean-energy opportunities for your organization, please visit dsdrenewables.com/contact

