HOME Depot RENEWABLE AND ALTERNATIVE ENERGY MARKET OPTIONS
ENABLE EXPANDING COMMITMENTS (RILA RETAIL ENERGY MANAGEMENT
PROGRAM)

SOLUTION OVERVIEW
The Home Depot, the world’s largest home improvement retailer, has more than 2,200 stores
across North America. In 2015, the company established a renewable energy target of procuring
135 megawatts (MW) of energy through renewable and alternative sources by 2020 (approximately
62 MW of wind, 43 MW of fuel cells, 15 MC of offsite solar, and 15 MW of rooftop solar). Home
Depot also established an energy efficiency target to reduce total store electricity use 20 percent by
2020. Throughout the years, the retailer has taken advantage of the most appropriate market
options to implement a variety of onsite and offsite renewable energy projects to help achieve its
targets. To view the full PDF version of this implementation model, click here.

BARRIER
Paying for renewable and alternative energy projects.

SOLUTION
Leverage financing options like Power Purchase Agreements (PPAs) and community solar that
eliminate the need for internal capital and/or renewables operations and maintenance (O&M)
expertise.

OUTCOME
In 2017, Home Depot procured a total of about 475,000 megawatt-hours (MWh) of renewable and
alternative electricity from fuel cells, solar panels, offsite wind, and community solar and has
committed to even more.