



CASE STUDY

COMMERCIAL SOLAR AT BOSCOV'S, NJ

This 603 kWp DC solar system was built by Suntuity and commissioned in July 2015. The solar system is located on the rooftop of Boscov's Department stores in Woodbridge, NJ and covers approximately 68,000 square feet of roof space. The solar system was built using Genmounts racking systems coupled with Trina panels and Advanced Energy string inverters. It's anticipated to offset approximately 30% of Boscov's yearly electric consumption on site.

The net-metered solar system is owned by Boscov's and adds to their commitment to reducing their impact on the environment by further developing their sustainability initiatives. In addition to Federal and State tax incentives, it is also eligible for Solar Renewable Energy credits from the State of NJ.

ENVIRONMENTAL BENEFITS

- 654 megawatt hours of electricity is enough to power 65 average U.S. homes for a year
- This much electricity produces with solar, rather than fossil fuels, prevents 451 metric tons of carbon emissions, the equivalent of removing the annual emissions from 95 cars or the amount of carbon sequestered by 370 acres of U.S. forest each year

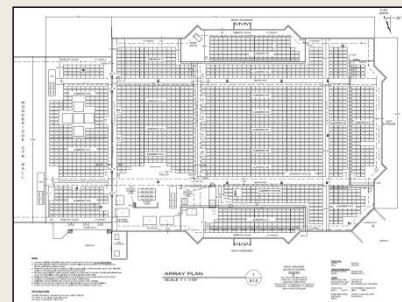
ABOUT BOSCOV'S

- Founded in 1911 by Solomon Boscov, Boscov's currently has 44 stores reaching across 7 states in the Mid-Atlantic region of the U.S.
- Boscov's is also one of the largest privately owned department stores in the U.S.

PROJECT FACTS

Location:	Woodbridge, NJ
Project Size:	603 kW DC
Project Type:	Roof Mount, Fix Tilt
Est. 1 st Yr. Production:	654 MWh
Construction Start:	February 2015
Commercial Operation:	July 2015
System Owner & Site Lessor:	Boscov's
Site Owner:	Boscov's
Power Purchaser:	Net Metered
Roof Square Footage:	Approx. 68,000
Number of Modules:	2,464
PV Technology:	Trina Polycrystalline
Inverters:	Advanced Energy
Racking:	Genmounts
Project Development:	RER Energy Group
Project Construction:	Suntuity

PROJECT LAYOUT



PROJECT LOCATION



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