



Ross Solar

A ConEdison Solutions company



Keeping the Bagels Coming

Just Bagels • Bronx, NY



Just Bagels' Casanova Street manufacturing plant produces approximately 200,000 bagels per week. The company felt a solar array could help it reduce operating costs but it needed to be certain that a solar installation would not interrupt, or perhaps even contaminate, its bagel production operation. Another challenge was that the plant's roof held large HVAC systems and numerous skylights that limited the number of panels that could be installed on the roof.

Because of the complications of installing solar at Just Bagels, few solar companies were interested in the project. However, Ross Solar was not intimidated.

Ross Solar's in-house experts designed a custom made steel dunnage superstructure. Once installed, the new structure allowed Ross Solar to raise the solar modules above the roof obstructions to maximize the number of panels that could be installed and it allows those panels to produce power as efficiently as possible. The superstructure was complicated to build but great care was used to protect the manufacturing operations during its construction.

In addition to coordinating the permits and inspections of its design, Ross Solar also helped Just Bagels receive a supplemental grant to offset some of the additional costs of this installation. Just Bagels estimates that the solar array designed and installed by Ross Solar is reducing its energy costs by \$20,000 per year – a lot of dough for any business.



PROJECT HIGHLIGHTS

Environmental Benefits

CO₂ Offsets: 152,349 lbs. annually
CO₂ Equivalent: 13 cars removed from the road annually

Technology

SunPower Serengeti 228
Panels: 432

System Size

98 kW (DC)