

Contract Details

Contract Type:

Renewable Energy; Design/Build;
Photovoltaic System

Energy Project Size:

1.12 kW

About Amano McGann, Inc.

Amano McGann, Inc. is dedicated to designing equipment and software that is friendly, easy to use, and understandable. With one of the largest teams of software engineers, system analysts, technical writers, and support specialists, and with over 4,000 installations worldwide, Amano McGann is the largest independent developer of parking software in the industry. *Learn more at www.amanomcgann.com.*

About Ameresco

Ameresco, Inc. is one of the leading global energy services providers. We deliver long-term customer value, environmental stewardship, and sustainability through energy efficiency services, alternative energy solutions, supply management, and innovative facility renewal strategies. The company has over 750 employees in regional offices throughout North America. Ameresco, Inc. has constructed billions in energy projects throughout the world.

For more information about Ameresco and our full-range of energy efficiency and renewable energy solutions, please visit www.ameresco.com.



Of the 13 photovoltaic-powered parking meter shelters constructed, this was the only shelter to boast multiple meters and arrays. Above each pay meter is a photovoltaic module.

Customer Benefits

Amano McGann selected to work with Ameresco Solar because a photovoltaic energy source was the lower cost option than trenching for AC Power and the Norwalk community wanted to demonstrate “going green.” Aside from helping to conserve energy, the solar power increases the safety of the parking lots by providing lit shelters.

Accolades

“Ameresco was instrumental within the design of the solar powered lighting for this application. We came to them with our application, and they responded with a quality result that was economical, aesthetically pleasing, and professionally designed. Amano McGann is looking to Ameresco for providing solar solutions for other parking control applications, such as solar powered lane counters for event venues where infrastructure is expensive and hard to find.”

*- Ron Votto, Amano McGann
Senior Account Executive*

Services Provided

Ameresco Solar designed and supplied a solar power system to Amano McGann. In spring 2010, Amano McGann installed the solar power system, which provides lighting to parking meter shelters for the Norwalk Parking Authority in Norwalk, Connecticut.

Ameresco supplied the solar panels (80 watts each), top of pole mounts (mounted to the top of the shelter), batteries (deep-cycle gel cell), battery boxes (NEMA

3R type), charge regulators that control the charging of the batteries as well as the on/off of the lights, low-power consumption light emitting diode (LED) lights, powder coated light boxes, system cable kits, and system back plate sub-assembly with the recommended breakers and terminal blocks for the thirteen separate parking meter shelters lit using solar power. Twelve of the shelters are considered single shelter and one is considered a double shelter with multiple meters and panels.

The LED lights consist of one smaller dome light that stays on all night and one larger one that is motion sensor activated and comes on when someone approaches the shelter. This measure allows for energy conservation when the shelter is not in use and maximum visibility and light when the shelter is in use.



The photovoltaic array Ameresco designed and supplied to Amano McGann to power the Norwalk Parking Authority's parking meter shelter.