

# Cost-Effective Distributed Generation

## GOAL

To make repeatable and transportable solar canopies (TinyTruss™ Systems) accessible for companies with renewable energy targets that also have parking surface area within their local branch locations: Fast Food Restaurants, Banks, Specialty Auto Stores, Retail Drugstores.

## OUR IDEA

The TinyTruss™ System is a modular, transportable solar PV system that can be assembled in a controlled setting away from the end-user's site, and then delivered to site via flatbed truck. Since it is repeatable, the system enables small-to-medium-sized parking lots, which did not qualify for canopy solar in the past, to be equipped with solar canopy coverage.

## TEAM AND PARTNER ORGANIZATION

The Quest Renewables, Inc. Team led by: Norman (Finn) Findley, William Arnold, Rainey Jernigan, James Keane

Partners: Georgia Tech Enterprise Innovation Institute, Tiedown Engineering, CPP – Wind Studies

## BENEFITS

- Capable of being assembled in a controlled setting, like a warehouse, and then delivered via flatbed truck
- Reduces overall assembly and installation time
- Minimizes disruption to the end-user's day-to-day operations, saving money for the customer
- Promotes better overall quality control of workmanship

