



# Municipalities as Catalysts for Sustainable Energy

NEW JERSEY LEAGUE OF MUNICIPALITIES CONFERENCE

RUTALA ASSOCIATES

NOVEMBER 19, 2015

# Using Sustainable Jersey Grants as Catalysts

Sustainable Jersey Grant provide great leverage for green energy projects:

- ▶ Cape May City - Wind Turbine Construction to promote alternative energy at Cape May Elementary School
- ▶ Energy Savings Improvement Programs to develop energy savings plans
- ▶ Brigantine - LED lighting conversions for municipal buildings

# Georgetown University Energy Prize

- ▶ Atlantic City, Ventnor and Margate were one of 50 communities to be selected on compete for this \$5,000,000 winner take all prize.
- ▶ Community Engagement to promote energy efficiency in Atlantic City, Ventnor and Margate
- ▶ Sustainable Jersey Grant to host:
  - ▶ Lighting Fair
  - ▶ Meetings with Civic Associations
  - ▶ Energy Expo
  - ▶ School Assemblies and Parent Teacher Association Presentations

# Sovereign Avenue School Green Team



# Atlantic City Lighting Fair



# Absecon Island Energy Expo



# Leading By Example

- ▶ Public sector solar and wind projects to promote alternative energy options.
- ▶ Cape May City hosted Direct Install Seminars for local businesses after utilizing the Direct Install Program on a municipal level.
- ▶ Atlantic City is hosting a CNG Fueling Station and converting its fleet while encouraging businesses to convert to CNG.
- ▶ Electric Vehicle Charging Stations were installed in public parking garages initially and now major businesses are adding EVCS.
- ▶ Solar/Wind LED Street Lighting was installed at a City Park and now it is being considered by hotels and businesses.

# Solar on the Atlantic City Public Works Complex with ACUA Wind Farm





# Atlantic City CNG Station



# Solar/Wind Lighting at the AC Aquarium



# Cape May City School Wind Turbine



# Other Ways For Towns To Be Catalyst for Sustainable Energy

- ▶ Direct Install Workshops
- ▶ Solar/Wind Leadership
- ▶ City Wide LED Streetlights
- ▶ Microgrids
- ▶ Solar Trash Cans
- ▶ Solar Parking Kiosks
- ▶ CNG & Electric Vehicle Parking Stations



# Questions

RUTALA ASSOCIATES, LLC

LINWOOD, NEW JERSEY

609.743.0354