



CHCRPA

# EXCELLENCE AWARDS

2011

**NAME OF WINNER:**  
**ALSTOM POWER INC.**

**TYPE OF AWARD:**  
**SUSTAINABLE INDUSTRY**

**DESCRIPTION:**

Alstom Power, an expansion of Chattanooga Boilers, is a turbine manufacturing plant, this state-of-the-art, clean energy facility was completed in the summer of 2010 and has the capacity to manufacture and test the world's largest turbines for fossil steam, nuclear, and gas power plants. This project construction is a combination of an office building and a manufacturing facility. One of the main intents was to create a campus atmosphere for the occupants and to add visual appeal of the site from Riverfront Parkway and to mask the industrial buildings beyond. Partners/team members of the project were: Billingsley Architecture, AEED, Bennett & Pless, Sadler & Associates, and the Strauss Company. The site improvements and the new two-story office building were designed with LEED certification in mind for Gold Certification.

- AWARD WINNING FEATURES:**
- Alstom Power manufacturing plant is located in M-1 zone, yet provides an aesthetically pleasing front to the industrial plant and public view.
  - The site improvements and new construction were designed for LEED Gold Certification.
  - Deep commitment to environmental sustainability.
  - The site was a Brownfield site, so redeveloping it saved virgin land from development and continued employment in the downtown.
  - The new Riverwalk extension plans to cross the site, eventually connecting the Westside and South Broad neighborhoods.

- TRANSPORTATION ASPECTS:**
- The site is close to the Central Business District and CARTA bus routes.
  - The project designated parking spaces for low emissions vehicles and car pools. A new truck entry was created to divert large vehicles away from pedestrian traffic.

- ENERGY/GREEN ASPECTS:**
- The office building was designed with energy saving measures - reduced water consuming fixtures, lighting control sensors, and a campus-wide recycling program is in place.



**LOCATION:**  
 Downtown - the Riverfront

**ADDRESS:**  
 1119 Riverfront Parkway

**SIZE:**  
 Approx. 47,000 sq/ft

**DEV. TYPE:**  
 Industrial



**OTHER:**

A 26,000 square foot office building, a 20,000 square foot training center and a 900 square foot security building were added as part of the project. While under construction the contractor was able to divert 83.9% of all construction waste from the area landfill.