

CONSTRUCTION

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CLEMSON CENTER NAMED TOP ENERGY CONSTRUCTION PROJECT



Courtesy: Clemson University

The Clemson University SCE&G Energy Innovation Center, located in North Charleston, South Carolina, recently was named Best of the Best construction projects in the nation in the Energy/Industrial category by a national engineering magazine.

Engineering News Record released its national “Best of the Best Projects” winners for 2014, designed to identify the pinnacle of design and construction achievements in the U.S. among projects completed between June 2013 and June 2014.

The initial call for entries resulted in over 700 project teams submitting their best work to the regional Best Projects competitions. In each of the 10 regions, the editors assembled panels of judges to select the regional winners in 20 categories.

Once the regional winners were chosen, the top winners in each category from each region moved up to the national competition. A new set of judges from across the country examined each project in an effort to distinguish the best in terms of teamwork, safety, overcoming challenges, innovation, and quality.

“It is an incredible honor to receive one of these awards, let alone two, and we are thoroughly pleased to see these amazing projects receive such esteemed industry recognition,” says Millard Choate, President of Choate Construction. “All team members involved on both the Carter’s, Inc. and SCE&G Energy Innovation Center projects should be very proud. Thank you for your dedication and commitment to excellence.”

With a core purpose of speeding innovation to market in the field of wind energy, Clemson University’s SCE&G Energy Innovation Center is the world’s most sophisticated and most powerful wind turbine drivetrain testing equipment. Located in North Charleston, SC, the LEED Gold certified facility was

designed by AEC and supports the critical testing of next generation off-shore wind turbines by allowing drive-train manufacturers to simulate over 20 years of rigors faced by the turbine systems at sea in a few months. The SCE&G Energy Innovation Center has also received numerous other awards:

- Project of the Year, Associated Builders and Contractors of the Carolinas
- Eagle Award for Excellence in Construction, Associated Builders and Contractors of the Carolinas
- Best Project for Energy/Industrial, ENR Southeast
- CMAA Project Achievement Awards
- Carolinas AGC Pinnacle Award – Building Category
- ACEC SC Engineering Excellence Award Winner
- Building Team Awards, Gold, BD + C

— Source: Choate Construction

PRODUCT

LARSON ELECTRONICS RELEASES TRAILER-MOUNTED LIGHT MAST

Larson Electronics recently released a 50-ft. pneumatic light mast on a twenty-one foot trailer equipped with sixteen 400 watt LED light heads.

The WCDE-11-PLM50-16X400LTL-LED is a trailer mounted, fold-over, seven-stage light mast that provides a safe and effective way for operators to deploy sixteen 400 watt LED light heads to elevations up to 50 feet.

The pneumatic light tower folds over for easy transportation, and features a hydraulic ram upright assist, an air powered pneumatic mast,

and high-output LED light fixtures. The entire assembly is mounted on a 21-foot by 8-foot trailer, allowing operators to transport this boom from one location to another. The tower is constructed of heat treated aluminum tubing with 2.69' of overlap per section. The mast is elevated using an included hydraulic ram and is extended to its full height using a trailer mounted air compressor.

The sixteen light heads included with this tower are wet area suitable GAU-LTL-400W-LED high output LED fixtures,

which produce 52,000 lumens of light at 400 watts. Each light head contains fifty-four Bridgelux high output LEDs each arranged in rows and paired with high purity optics to produce a well-focused 25-degree wide spot beam.

Each light is securely fastened to the light boom and each lamp includes a support bracket to help maintain lamp stability.

For more information, visit larsonelectronics.com, or call (800) 369-6671.



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