

Belleli Energy CPE & GE (General Electric) Together for the First Syngas Cooler

Exterran's Belleli Energy CPE team has many reasons to be proud, and its latest success highly demonstrates the company's talented teams and engineering expertise. Belleli Energy C.P.E. S.p.A., an Exterran company, recently completed the first Radiant Syngas Cooler (RSC) ever built.

The RSC arrived in Mobile, Alabama mid-May and it will be assembled in Indiana by a local company under the supervision of Belleli Energy C.P.E. technicians. The assembly of the RSC will require approximately eight months. The Belleli Energy C.P.E. team is an example of how to live Exterran's core values of service and respect, and the operating principles of customer focus, teamwork and excellence.

"This project is the first IGCC power plant constructed in the world, using the GE process," said Belleli Energy's project manager. "Belleli Energy C.P.E. is supporting GE on the design and manufacture of the two systems and our team is performing with the highest standards of excellence throughout every phase of the project."

Integral to this project is the necessity to perform "in loco" site activities to complete the RSC assembly. This is due to transportation limits en route to the final destination.

Belleli Energy C.P.E. will supervise and provide the manpower to perform the highly-skilled activities such as the welding of various sections of the external vessel, internal bundle insertion in a vertical position and top head installation and closure. All of this will be completed in accordance with the ASME Code, with the goal of receiving the ASME stamp.