Tampa Electric Awarded EEI’s 2015 Edison Award

New Orleans (June 8, 2015) – Tampa Electric today received the Edison Electric Institute’s (EEI’s) 2015 Edison Award, the electric power industry’s highest honor, for its innovative design and construction of a cutting-edge reclaimed water system at its Polk Power Station in Polk County, Florida.

“Tampa Electric demonstrated tremendous ingenuity by designing and building an innovative wastewater treatment system that protects the local environment while streamlining operations,” said EEI President Tom Kuhn. “The company also exhibited distinguished leadership by forging important regional partnerships to address the needs of all stakeholders.”

A panel of former electric company chief executives selected Tampa Electric for the 88th annual award from a group of distinguished finalists.

Tampa Electric planned the expansion of its Polk Power Station and its need for increased cooling water in an innovative manner that is friendly to consumers, the local community, and the environment. The company forged creative regional partnerships with the Southwest Florida Water Management District, Polk County, and the cities of Lakeland and Mulberry. These communities use treated wastewater for irrigation. However, much of this water was surplus that was discharged into local waterways without being used. Tampa Electric partnered with these communities to obtain and use the reclaimed wastewater as coolant, resulting in significant environmental benefits.

In conjunction with these partnerships, the company designed and built an innovative reclaimed water-treatment project that offers dramatic environmental benefits to Hillsborough and Tampa bays. It is the first power plant in the United States to combine the use of reclaimed water and reverse-osmosis technology with deep-well disposal of wastewater, and it will benefit local wetlands and the surrounding communities. The project will advance the cleanup of local waterways by multiple years and will improve local ecosystems for generations to come.

“Tampa Electric’s cutting-edge project and work with the local community are terrific examples of how the electric power industry is creating partnerships and investing in innovative solutions to protect the environment while also better serving customers,” added Kuhn. “The Tampa Electric team is truly deserving of the 2015 Edison Award, and should be tremendously proud of this reclaimed water project and all of the innovations at the Polk Power Station.”
EEI is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for 220 million Americans, operate in all 50 states and the District of Columbia, and directly employ more than 500,000 workers. EEI has 70 international electric companies as Affiliate Members, and 270 industry suppliers and related organizations as Associate Members.
New Orleans (June 8, 2015) – Ergon Energy Corporation, Ltd. (Ergon) of Australia and Saskatchewan Power Corporation (SaskPower) of Canada today both received the Edison Electric Institute’s (EEI’s) 2015 International Edison Award, the electric power industry’s most prestigious honor. A panel of former electric company chief executives selected both companies for the annual award from a group of distinguished finalists.

Ergon earned the International Edison Award for developing and implementing the innovative ROAMES Virtual World Asset Management System. With a highly dispersed network spanning varying climatic conditions, Ergon was challenged in managing the network’s safe interaction with the surrounding environment, including vegetation, ground levels, buildings and storms. To meet these challenges, Ergon developed the ROAMES Virtual World Asset Management System—a commercially attractive solution around spatial intelligence and automated analytics designed to improve risk management, disaster response and safety performance, while reducing costs and enhancing its customer service and value proposition.

The ROAMES system allows infrastructure managers to investigate and monitor the condition and performance of the network in extremely high fidelity—all without the need to deploy workers in the field. This system improves safety and efficiency and lowers costs, all of which benefit customers.

“Ergon’s ROAMES system offers a cutting-edge solution to many of the challenges of managing the company’s transmission and distribution system, which spans across a vast and geographically harsh area,” said EEI President Tom Kuhn. This innovative technology will benefit customers and has the potential for broad application within and beyond the electric power industry. Ergon is truly deserving of the Edison Award.”

SaskPower earned the award for the company’s pioneering work at its Boundary Dam Integrated Carbon Capture and Storage (CCS) Project, which launched in 2014 as the world’s first CCS process on a coal-based power plant using post-combustion technology. The company has taken a coal unit that was reaching the end of its useful life and rebuilt it with CCS technology so it can bring reliable baseload power to approximately 100,000 homes and businesses while reducing carbon dioxide emissions by one million tonnes annually, which is equivalent to removing 250,000 cars from Saskatchewan roads each year.
“SaskPower’s Boundary Dam CCS Project is a great example of the electric power industry’s commitment to using cutting-edge technologies to provide affordable, reliable and increasingly clean energy to customers,” said Kuhn. “The talented team at SaskPower is deserving of the Edison Award for its groundbreaking work on this innovative project that will benefit customers and reduce emissions.”

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