

### FOR IMMEDIATE RELEASE

# SCADA Solutions Successfully Integrates Load Management System into its Flagship WindCapture™ Software

# Production Increases Attained Through New Control and Curtailment System

Carlsbad, CA - May 23, 2011 - SCADA Solutions, Inc. (SSI) announced the successful design and integration of a complete retrofit of existing SCADA and Communications Systems at enXco's Hawi Wind Power Project. The plant consists of 16 Vestas V47-660kW WTG and is operated by enXco Service Corporation. SSI engineered a customized WindCapture™ system to replace the existing Vestas SCADA system. Within its upgrade, SCADA Solutions provided a new Load Management System. After nearly a year of operation, reports indicate overall production increases of 5%-7%.

The WindCapture™ System featured the capability to refine control parameters, and enhance reports, while migrating easily with the current analytical software tools utilized by management. Network upgrades were integrated to increase efficiency and security at the park while offering O&M personnel an easy to use interface. Communications upgrades included re-entering all existing splice enclosures and splicing all spare fibers available, and furnishing and installing media converters where needed to complete a redundant ring network.

The achievements are the results of a twelve month plan that began by creating a simulator to monitor and review potential software, hardware and communications upgrades to the site. Based on these remote and on-site simulations that measured actual power outputs against the simulated ones while also tracking any PPA obligations based on the park's existing contract, it was resolutely evident that benefits of the new system would be significant.

"After months of R&D we're extremely pleased with these results showing increased power and smoother output. We're also very grateful to enXco for presenting this perfect proving ground opportunity for our work and being an incredible partner to SSI during the process," said Mark Merhab, President of SCADA Solutions. "This is an inspiring time in the industry and we're excited to continue the development of products to increase availability and improve wind plant production for our clients and their power partners through SCADA engineering."

"Our unique Power Purchase Agreement (PPA) can limit power fluctuations quite severely in the Islands. We believed the site was operating in a manner that seemed to be limiting the production below its potential capabilities and proactively investigated alternatives through our relationship with SSI," said Rich Jigarjian, Vice President, Generation for enXco. "SCADA Solutions' systems performed exactly as we'd hoped during simulations. And the final integrated product exceeded our performance expectations, enabling us to significantly increase production"

#### **About SCADA Solutions, Inc.**

SCADA Solutions (<a href="www.scadasolutions.com">www.scadasolutions.com</a>) specializes in restoring infrastructure integrity through integration of all communications and SCADA systems. By implementing custom-engineered Turbine Curtailment features within its flagship SCADA software, WindCapture $^{\text{TM}}$ , SSI has achieved measurable results of increased availability and improved wind plant production for its clients and their power partners. SSI also



utilizes the latest technologies in fiber optic and RF smart packet radios in its communications networking designs. These expert capabilities result in a completely integrated control configuration essential to the utilization, performance and maintenance of critical renewable energy assets.

## About enXco, an EDF EN Company

enXco (<a href="www.enxco.com">www.enxco.com</a>) - an EDF Energies Nouvelles Company (<a href="www.edf-energies-nouvelles.com">www.edf-energies-nouvelles.com</a>) - develops, constructs, operates and manages renewable energy projects throughout the United States. For more than two decades, they have been a leader in wind-energy focusing on large-scale wind projects. enXco's portfolio includes solar and biomass technologies, in an effort to help drive the transition to a sustainable energy economy. enXco has grown to be a significant owner and developer of wind-energy installations in the United States, and is the largest third-party operations and maintenance provider for wind farms in North America.

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