Dear Coalition Team,

As my first two months at the Southeastern Wind Coalition come to a close, I want to thank each of you for contributing to our continued success. It is a privilege to be part of such an incredible organization. Bringing wind power to the southeastern United States is no small task, but with your support and guidance, I am dedicated to advancing our cause.

The Southeastern Wind Coalition is extremely fortunate to have an exceptional board of directors, whose knowledge and experience have been instrumental in facilitating my smooth transition into the role of President. Under the leadership and vision of Brian O’Hara, our organization grew from an idea into a thriving community of members committed to promoting wind energy in our region in only three years. I am excited to lead the coalition to further growth; expanding both our membership as well as our programmatic reach.

This year SEWC led efforts to continue offshore wind progress in NC, SC and GA. As land based wind made its way to the Southeast, SEWC was busy educating counties looking at proposed wind projects about the economic benefits, and offering fact based information to address questions and concerns posed by these communities. In November, we saw the official release of the highly anticipated wind energy supply chain map. This annual report highlights our 2015 accomplishments and provides a blueprint for continued progress in 2016.

I look forward to working closely with each of you to realize the full potential of wind power in the Southeast.

Sincerely,

Katharine Kollins
President, Southeastern Wind Coalition

The Coalition’s members support our efforts to advance the wind industry in the Southeast.

Many thanks to all of our members and particularly our Board for their guidance and strategic direction!

**Board Members**
- Apex Clean Energy - new in 2015
- Clean Line Energy
- Fishermen’s Energy*
- Iberdrola Renewables*
- Marsh*
- Nucor - new in 2015
- RES Americas - new in 2015
- ScottMadden - new in 2015
- Southern Company*

**Full Members**
- Coastal Carolina University*
- COWI*
- Electric Power Research Inst
- Santee Cooper*
- SC Coastal Conservation League*
- SCANA*
- VA Offshore Wind Coalition*

**Associate Members**
- ABB*
- ACORE
- American Wind Energy Assoc.
- AWS Truepower*
- AXYS Technologies*
- Cape Fear Community College
- Clemson University*
- Consumer Energy Alliance
- Duke Energy*
- EDF Renewable Energy
- K&L Gates
- Kilpatrick Townsend*
- NC Cleantech Center*
- NC State Ports Authority*
- NC Sustainable Energy Association*
- Normandeau Associates*
- Parker Poe
- REAP
- Renewable NRG Systems
- Saertex
- Tetra Tech*
- TÜV SÜD

* - founding member
DOE RESOURCE CENTER

Southeast Wind Energy Resource Center (SWERC)
U.S. Department of Energy funded effort led by SEWC

Key Stakeholders
1. Utilities
2. State/Federal Decision Makers
3. Local Decision Makers
4. Industry
5. Affiliate Network

As the DOE Regional Resource Center, our task is to inform key stakeholders on the current wind assets in the region and educate them on the potential to build out the wind industry in the Southeast by advancing land-based wind projects, wind imports and offshore wind projects. Our focus is to create and share fact-based information that will allow stakeholders in the region to make informed decisions on wind energy.

Partners

- Georgia Institute of Technology
- NC State University
- Clemson University
- Southeastern Wind Coalition
- Coastal Carolina University
- James Madison University
- Navigant Consulting
- FESC

RRC Impact

- In the first year, SWERC provided accurate wind information to over 2200 stakeholders and “moved the needle” with over 100 stakeholders who began considering wind as a viable option in the region.

- This includes engagement with 242 utility stakeholders, over 500 local government stakeholders and nearly 800 industry stakeholders.
LAND-BASED WIND

Wind power continues to expand rapidly across the country. The Southeast is seen as the last frontier by many developers and is beginning to generate interest with technological advancements in taller towers and longer blades. These advancements are opening up additional areas in the Southeast for wind development that were not previously considered viable.

SEWC CONTRIBUTIONS

- Provided comments at 3 local government meetings on wind ordinances.
- Presented on wind energy in the SE to the NC Association of County Commissioners and the UNC Cleantech Summit.
- Utilizing SEWC land-based fact sheets to advance discussions on newly viable areas for wind energy in the SE due to turbine technology improvements.

IBERDROLA PROJECT FACTS

- The first large utility scale wind project in the Southeast, the Amazon US Wind Farm East powered by Iberdrola Renewables at Desert Wind, began construction in 2015.
  - 104 turbines in NE North Carolina
  - $400 million investment
  - $600k in landowner payments and $500k in county tax payments per year
- As the first large project in the region, the benefits from this project will form a compelling narrative for expanding wind into the Southeast.
OFFSHORE WIND

SEWC continues to be the go-to organization in coordinating southeast offshore wind development.

SOUTH CAROLINA
SEWC worked with stakeholders in SC to inform policy discussions surrounding a bill filed by Senators Hembree and Grooms that would enable an offshore wind demonstration project. The bill directed the Public Service Commission to adopt regulations to allow rate recovery for investment in offshore wind research and development activities. SEWC spoke several times at subcommittee meetings to provide factual information on offshore wind to Senators considering this bill.

GEORGIA
SEWC has cultivated relationships with several Georgia PSC members, the group with the authority to enable rate recovery for a project in that state. Several meetings with PSC Commissioners have generated interest in an offshore wind effort within the state.

NORTH CAROLINA
In March 2015, SEWC and Consumer Energy Alliance partnered to host an offshore energy legislative briefing in Raleigh, North Carolina. The event covered the opportunities, challenges, and steps forward for offshore energy in the state.

SEWC participated in BOEM task force meetings as well as coordinated a written response to BOEM on the NC draft Environmental Assessment regarding a realistic visual buffer and the impacts of pushing offshore wind over 33 nm offshore.

NAVIGANT CONSULTING
SEWC commissioned Navigant Consulting to estimate the impacts of a long term regional offshore wind roadmap with 500 MW of deployment per year for 20 years (2025-2045). Using NREL’s Jobs and Economic Development Impact (JEDI) model to estimate regional employment impact (direct, indirect, and induced jobs) and investments by year, Navigant found that this 10 gigawatt deployment plan could yield over 44,000 direct job years and over $8B in direct investments.
Supply Chain Database & Map

SEWC released its Supply Chain Database and Map this year. Representing the full value chain of the wind industry, the map includes manufacturers, professional services, offshore services, field services and research assets.

SEWC will continue to expand the database to provide the complete picture of the wind industry's reach into our region.
Met Measurement Campaign

SEWC continues to participate in the regional met measurement campaign we kicked off last year. Vaisala has provided 3 sodar units for the effort and will use the data from the campaign to create a wind feasibility study for the Southeast.

Currently, Southern Company has a sodar unit installed in Georgia and Santee Cooper has a sodar unit installed in South Carolina.

SEWC will work in the coming year to expand the campaign to include more partners and more measurement devices.

SEWC Utility Advisory Group

SEWC held a utility advisory group meeting in November where the group discussed new technologies that will continue to open the Southeast to wind development.

The UAG had a very productive discussion with an action to identify next steps in the Southeast to build on the Department of Energy’s document “Enabling Wind Power Nationwide” - with a focus on economic viability, not just technical feasibility.
Over 20 presentations to stakeholders on wind energy issues in the Southeast.
GOALS FOR 2016

Expand listed companies within the supply chain asset mapping website for the Southeast.

Expand policy liaisons to broaden geographic reach.

Build economic development network and fact sheets for further outreach.

Continue providing strategic support for first-round land-based wind development and wind import opportunities in the Southeast.

Build on utility relationships.

Increase involvement in CPP discussions with utilities and other stakeholders in the region.

Organize SEWC-hosted education opportunities and in-person membership meeting.

2015 FINANCIAL SUMMARY (through November)

REVENUE
- Membership 29%
- Foundations 38%
- DOE Contract 33%

EXPENSES
- DOE Subcontracts 40%
- Operations/Other 2%
- Travel 3%
- Personnel & Payroll Taxes 55%

We want to thank our members again. Our members’ continued support is critical to our success. We look forward to continuing our work to expand the wind industry and benefit the Southeast!

How to Contact Us

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