

Green Power

f r o m S a n t e e C o o p e r

Sun, Fun & Green Power



NORTH MYRTLE BEACH
CHAMBER OF COMMERCE
Convention & Visitors Bureau

“Participating in Santee Cooper’s Green Power program is consistent with our wind energy efforts and other sustainable initiatives such as Green Plus and our most recent Green and Clean partnership with HCSWA*. We are proud to join the ranks as a Green Power Partner.”

— **Marc Jordan**
President and CEO

North Myrtle Beach Chamber of Commerce
Convention & Visitor’s Bureau

*HORRY COUNTY SOLID WASTE AUTHORITY

The North Myrtle Beach Chamber of Commerce Convention & Visitor’s Bureau has committed to renewable energy in South Carolina by becoming a Green Power Legacy Partner. Legacy Partners purchase a greater portion of their energy through Green Power, which is generated by renewable resources and available from local electric cooperatives.

As a progressive entity, the North Myrtle Beach Chamber is comprised of individuals who have joined together for the purpose of promoting civic, commercial, cultural, economic, industrial and educational growth for the community. Partnering with Santee Cooper enables the North Myrtle Beach Chamber to use existing programs in addition to the Green Power program as a way to maximize the services within the community while promoting a cleaner and greener environment for future generations.

Along with being a Green Power Legacy Partner, the North Myrtle Beach Chamber has also

joined the ranks of a diverse group of current Green Plus members within the North Myrtle Beach community. Green Plus is a global program that assists small businesses in becoming more sustainable, offering information, education and certification.

Interested in your business becoming a Green Power Legacy Partner? Contact your local electric cooperative customer service representative.



North Myrtle Beach Chamber of Commerce Convention & Visitor’s Bureau

The next generation of generation...

The development of solar power in South Carolina seems like an obvious choice for a renewable energy source. Providing dependable and affordable electricity in the future is a challenge due to some of the obvious — and not- quite-so-obvious — constraints inherent in harnessing the sun’s energy. Students, faculty, industry members and solar enthusiasts were invited this past winter to propose creative approaches and solutions to solar power challenges through the Santee Cooper Solar Design Competition.

And creativity was key to the winning submissions.

Contest winner was an entry titled “Proposal for Three-Dimensional Solar Panel Configuration” that proposed the use of solar panels of varying angles and sizes, submitted by students in the Department of Electrical Engineering at the University of South Carolina’s College of Engineering and Computing (*team included students Michael Griesi, Sarah Craft and Lindsay Winburn*).

Second place was taken by Horry-Georgetown Technical College students, that proposed utilizing existing resources, property, equipment and network/grid access, thereby lowering the total cost of installation of solar panels at Santee Cooper’s substations (*team included Justin Brown, Brandon Collins and Travis Collins*). **Third place** proposed installation of panels by Santee Cooper personnel on equipment the company already owns and maintains, assuring effective installation for maximum energy return (*team included students Byron Self, Sean Dempsey and Matthew Davis*).

Department of Electrical Engineering at the University of South Carolina’s College of Engineering and Computing

WINS
Santee Cooper Solar Design Competition



Green Power on YouTube

Curious about how Green Power works in South Carolina? Link up to Santee Cooper's video that shows you where and how Green Power is working for you:

YouTube.com

KEYWORDS: Santee Cooper renewables video

For more information on Green Power or recommend businesses to become Green Power Partners, contact a Customer Service representative at your local Electric Cooperative.

Chill Out By Keeping the Heat Out!

Tips to save energy and money during the hot summer:

- **Add weather stripping around doors and windows.** This helps seal your home, preventing hot air from infiltrating while keeping cool air inside.
- **Caulk and seal around plumbing openings.** Small gaps and openings around plumbing penetrations often go unnoticed, but they have the same effect as a hole in the wall. Sealing these openings blocks hot air from the outside and keeps cool air inside.
- **Use ENERGY STAR® doors and windows.** ENERGY STAR-qualified products may cost more upfront, but help save energy and reduce heating and cooling costs over time.
- **Install reflective window films.** Window films block solar heat gain, reducing the cooling load on your AC unit.
- **Keep sunlight out.** Close your blinds, shades, drapes and curtains during the warmest parts of the day, particularly on the sunny side of your home.
- **Add or upgrade insulation.** Insulation is also useful during the summer, since it prevents hot air from creeping into your house.
- **Insulate your ducts.** Cool air traveling through ducts in hot or unventilated areas of the home, such as an attic, can heat up quickly.
- **Open the windows at night.** Take advantage of natural ventilation— use free outdoor air at night to cool your home, allowing you to **shut off the AC.**
- **Close all windows and doors when the AC is running.** Cool air will rush out of any available opening.
- **Plant shade trees and shrubbery.** Planting trees, hedges and other shrubs on the sunny sides of your home can provide natural shading and cooling, reducing solar heat gain.
- **Ventilate your attic.** Heat can build up in attics—proper ventilation will help remove that heat to the outdoors. A qualified contractor can assist with this.
- **Check air-conditioner air filters regularly.** Dirty air filters restrict airflow and cause your AC to run longer than necessary. Check filters every 30 days during cooling season.



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