



The Green Connection



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WHAT HAPPENS AT GREEN COMMITTEE MEETINGS?

The December Green Committee meeting's focus was on Charleston County's Draft Energy Element for their comprehensive plan. Thank you to Joel Evans for his presentation. Please see the details below on the Tuesday, January 10th at 6pm public hearing with Charleston County Council.

[Click here to view the presentation.](#)

GREEN BUSINESS CHALLENGE CORNER



Thursday January 5

Green Committee

**January 10th
8am**

**Hear the results of the Green Committee's
Bike Rack Fundraising Drive**

**Your Business New Year's Resolution:
Have your business JOIN the
2012 Green Business Challenge**

**Come hear lessons learned
from some of last year's participants:**

**Charleston County Housing Authority
Morris Financial Concepts
Stubbs Muldrow Herin architect
The Vision Center at Seaside Farms**

**Many thanks to Jane Thompson of
Watson Tate Savory Liollo for emceeing the program.**

Come get help on your scorecard

**This is for those who are thinking about
doing
the GBC this year**

Year Two of the GBC began December 1st.

The GBC is for every business.

So far this year:

- Baselines from 9 to 85 and averaging at 45 points
- Goals from 25 to 92 and averaging at 65 points
- Square footage from 200 to 200,000 and averaging at 30,000 sq. ft.

Join the GBC by Leap Day- February 29th- by submitting your baseline.

Want to save money, go green and publicize your business?

Year 2 scorecards are available. Just sign up to get yours.

[Click here to sign up](#)

Questions- please call 724 3776



Scorecard help is only a phone call away. Call Carolee at 724 3776 to set up a time that works for you.

Join these businesses

- in learning how to go green

- and saving money.

As of press time, the following are

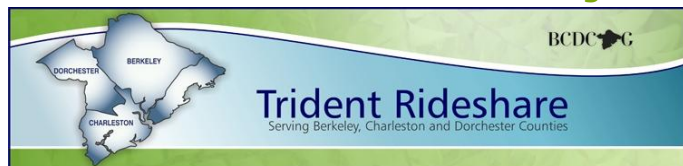
AND for those who want to learn from their peers for a successful year 2 for their business.

**James Island Recreation Center
1088 Quail Drive**

**All are welcome!
Always at 8am**

Share a ride to the

Charleston Green Committee Meetings.



The Charleston Green Committee Meetings are now in the Tridentrideshare.com events calendar.

SCE&G's Home Energy Update

Even when you turn off an appliance or a computer, it is still drawing power, unless it is turned off with a timer or a power strip.

Chargers, Suppressors And Timers: Use Them Smartly

Watts used by common household items when turned "off"

Item	Energy Usage When Just Turned "OFF"	Shut Off With Timer Or Power Strip
Computer in "sleep" mode	30 Watts	0 Watts
Entertainment center	17 Watts	0 Watts
DVD player/boombox	9 Watts	0 Watts
Cell phone charger	5 Watts	0 Watts
Cordless drill charger	4 Watts	0 Watts
Laptop computer	3 Watts	0 Watts
Total Watts Saved:	68 Watts	

Even if it's not being used, appliances, electronics and tools can still be wasting power.

Even when they are "off", many appliances still draw a small amount of electric power. These loads occur in common household appliances such as DVD players, chargers, televisions, entertainment centers, computers, and kitchen appliances. They waste electricity and money.

Using a timer or power strip to cut all power to the appliance or unplugging the appliance when not in use can keep your usage from adding up.

Source: ENERGY STAR®
Savings results are typical, but not guaranteed.



in the GBC for Year Two, having submitted their baseline scorecard.

1. Auto Sound Specialist / Alternative Energy Systems
2. Sustainability Institute -113 Calhoun
3. Hawthorn Suites
4. Sustainability Institute - GreenHouse
5. Southern Atlantic Solar
6. Meadors
7. Morris Financial Concepts Inc.
8. McKellar & Associates, Architects
9. DwellSmart
10. Charleston Water System
11. Blackbaud, Inc
12. A.C. Corcoran Elementary
13. Daniel Island Academy
14. Charles Ramberg Furnituremaker
15. City of Charleston 75 Calhoun
16. SCDHEC - EQC Region 7
17. Money with a Mission
18. Kiawah Island Community Association
19. Sustainable Energy Solutions
20. Natural Designs Woodturning, LLC
21. Duvall
22. Whitesides Elementary School
23. Chastain Construction

Does your business provide a service that a Green Business Challenge would be interested in?

[Click here to see this year's resource list.](#)

Email greenintern@charleston-sc.gov to add your business to the resource list.



B.I.G. & Local Expo is Back!

(B.I. G. = Best in Green)

February 8th at North Charleston

[Click here for more information.](#)

When Will We Get 'Water Efficiency' Ratings on Cars?



Those who are not familiar with manufacturing processes are often surprised to learn just how much water is used to make everyday things like cars, electronic devices, appliances, etc. But a lot of those manufacturing processes were first developed decades ago, back when using vast quantities of water was unfortunately not seen as a big problem. But it doesn't have to be like this; proof can be found in the many companies that have greatly reduced the embedded water footprint of their products. A lot remains to be done, that's for sure, but it's worth highlighting good news when we get them, such as the announcement by Ford that they have set a water per vehicle reduction target of 30% by 2015, on top of their global water use decrease of 49% between 2000 and 2010 (45% in North America). It's a good start, and perhaps it will encourage others who have less ambitious targets, or none at all, to follow suit. But even that is only the beginning of a longer process that leads to as close to zero net water use as possible (ie. the same water is cleaned up and used in a closed loop).

[Click here for more information.](#)

Merced County, California Solar Panels To Power Local Jails



As California deals with overcrowding in its state prison

Coliseum's NEW Montague Terrace.

The Green Business Expo will allow businesses the opportunity to network and share their products or services with other business owners and consumers. A full roster of workshops and speakers will give attendees an opportunity to learn about a variety of topics in the areas such as building a green team, finance, marketing, e-selling, leadership and more.

Some of the events will be:

- * Speakers on a variety of topics by experts in their fields.
- * Networking Luncheon featuring local ingredients and green restaurants.
- * Green Hospitality Workshop by the SC Hospitality Association.
- * Exhibitor Showcase - highlighting local green products and services.
- * Large Panel Discussion on how big business & manufacturing affects the local economy and small business in South Carolina.

ATTENDEES- Tickets range from \$20 to \$40. Tickets at the door will be \$10 more. [CLICK HERE For Details](#)

EXHIBITORS [CLICK HERE For Details and Packages!](#)

AROUND CHARLESTON

Council Chambers
Tuesday
January 10, 2012
6:00 pm
Lonnie Hamilton III Public Services Building
Bridge View Drive
North Charleston.

[Click here to see the Draft Energy Element of Charleston County's Comprehensive Plan](#) which

system by transferring low-level offenders to county correctional facilities, one municipality has found a way to cut costs without cutting services while also helping the state meet its renewable energy goals. Merced County has recently announced that it has commissioned a 1.4-megawatt (MW) photovoltaic (PV) array to power the county's correctional facilities in El Nido, Calif.

The system, developed and installed by Siemens, will generate enough electricity to meet approximately 70 percent of the facilities' peak electricity consumption, and offset its entire annual consumption.

[Click here for the full article.](#)

Plug Into Savings With USB Wall Outlets



Attention all you tech mavens. If you're constantly running out of space to power your computer, tablet, smart phone and a multitude of other USB charged devices, Current Werks is saying it has a solution to your problem. The company is introducing two energy-saving USB wall outlets that it says deliver big-time power and, in the case of one of the products, save money by cutting off standby power.

The Duo and the Quattro will be exhibited at the 2012 Consumer Electronics Show in Las Vegas Jan. 10-13. The Duo looks like a regular wall outlet with two standard sockets, with the addition of two in-wall USB charging points. The USB plugs deliver 16 watts of output. The Duo supports 15-amp and 20-amp wall receptacles.

[Click here for more information.](#)

Green Tip

Compost your Christmas tree

was approved unanimously by the Planning Commission on November 14. Charleston County spent eighteen months gathering information about the significance of energy, its sources and consumption, and ways to improve energy efficiency and energy conservation that will benefit our community. Your opinions are welcome at the Public Hearing on January 10.



Shopping with a Benefit

January 10th All Day

Whole Foods

Shop at Whole Foods and 5 % of your proceeds will benefit this local non profit. Check out www.charlestonmoves.org for the latest on details for the day: info sessions, give aways, and a "Bike to Shop" event.

Public Hearing for the Draft Energy Element

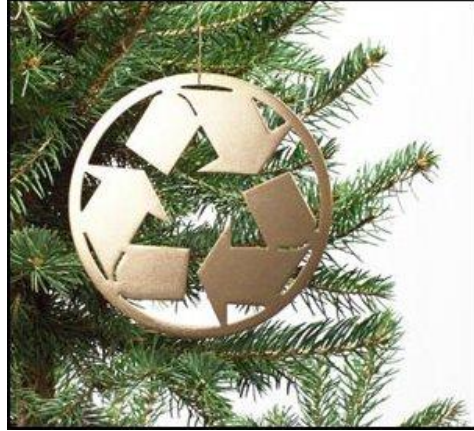
**January 10
2:00 -3:00 PM EST
Tuesday Webcast for Industry: Key Energy-Saving Activities for Smaller Facilities
US Department of Energy**

Reserve your webinar seat now at: <https://www1.gotomeeting.com/register/453056753>

Many small- to medium-sized manufacturers do not have the access to the resources and capital that larger corporations enjoy. This webcast will focus on key energy-saving activities that small- to medium-sized manufacturers can implement in their facilities. The webcast, featuring Richard Feustal of Briggs & Stratton and an Industrial Assessment Center representative, will highlight strategies such as implementing no-cost energy saving measures, such as turning off machines and shutting down process operations when not needed; targeting "low-hanging" fruit; and building a business case for projects that require capital.

**Charleston Audubon
Lecture
January
12**

**6 - 8
PM**



Once your tree is bare, take it to the Bees Ferry Road Convenience Center beginning Tues Jan 3 between 8 am and 4 pm (Sat hours are 8-3) and exchange it for a free bag of compost.

[Click here for more information.](#)



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Diadromous Fishes of South Carolina

Ms. Pamela Corwin, Wildlife and Freshwater Fisheries Biologist with the SC Department of Natural Resources will be the guest speaker for the January Audubon meeting. Pamela will explain the differences between anadromous, catadromous and diadromous fishes and describe the various species of such fish found in South Carolina waters. She will also discuss conservation issues and the efforts by the SC DNR to monitor these species. In addition to showing many photos and videos of diadromous fishes, Pamela will bring preserved specimens for up-close observation. Refreshments at 6:00 PM; lecture at 6:30-8:00 PM, Charleston County Main library, 68 Calhoun St. 2nd Floor Auditorium. Free.

[Click here for more information.](#)

Lowcountry Local First

January 20, 2012

Join LLF at The Charleston Crab House on James Island for all you can eat oysters, chili with the fixins, live music and more on the deck at the Charleston Crab House on James Island. Tickets are \$20 for LLF Member and \$25 for all others, tickets are limited so [get yours now!](#). All funds raised go toward the Growing New Farmers Apprentice Program and Incubator Farm.

[Click here for tickets.](#)

Around the Region

Organic Commodities and Livestock Conference
presented by: Carolina Farm Stewardship Association
January 12-13, 2012

If you are interested in the Carolina's rapidly growing organic agriculture sector, don't miss this opportunity to network with and learn from experienced organic farmers.

Registration: FREE

For more information visit:
www.carolinafarmstewards.org OR contact Brad Aderhold at brad@carolinafarmstewards.org

**Southeastern North Carolina Local Food
Systems Annual Regional Conference
presented by: *Southeastern North Carolina
Food Systems Program***

February 3, 2012 Time: 8am - 4pm

Empowering the Southeastern North Carolina farmers with knowledge and skills to sustain and grow their farm businesses. Providing information to help institutions/schools/grocers support local farm businesses through the development of local buying agreements and marketing opportunities.

Registration: None.

Donations appreciated

For more information visit:

www.feastdowneast.org

OR contact Leslie Hossfeldt at

HossfeldtL@uncw.edu

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