



GLEE's 2nd Annual Green Living Awards

Agency/Organization Category

For Cumulative Efforts leading up to January 1st 2009

Name of Agency/Organization: Keys Energy Services Key West

City/Island

Name of Applicant and relation to Agency/Org: Julio J. Barroso Spokesperson

Summary

As the public power utility for Key West and the Lower Florida Keys, KEYS has long been growing GREEN initiatives for quite some time. While the aforementioned actions are new, long standing noteworthy programs include KEYS' nationally recognized annual Tree Giveaway, free on-site or online home energy surveys, and KEYS' award-winning Energy Conservation calendar. These programs have long been pillars of KEYS' GREEN efforts and continue to play important roles as lasting environmental changes are sought and new actions take their place beside them.

Part 1: The Keyswide Sustain-Ability Project

GLEE's Goal: Involve all major policy makers in the Keys in systematic emissions reductions & conservation actions. Involving all 6 municipalities, 3 utilities, federal, state and local agencies, non-profits, mentor governments from the mainland, and other national resources, the Keyswide Sustain-Ability Project (KSAP) aims to meet quarterly, researching and convening experts on subjects requested by its participants. The projects strengths include economy of scale, cross pollination of ideas and collaboration on new projects and funding opportunities.

- My Ag/Org is not currently a KSAP member, but we do intend to and can check off some KSAP tenets.
- My Ag/Org is not currently a KSAP member, and will probably not become one.
- I am a KSAP member, but I do intend to become one

The KSAP checklist:

- Adopt [Mayors Climate Protection Agreement tenets](#) (date signed): _____
- Establish a Green Team, & Staff liaison: Liaison & Team Names: Ed Giesler, Chair; Julio J. Barroso, Vice-Chair
- Hold monthly Green Team meetings: # of Meetings Held: 12 to date
- Develop a baseline of emissions: Date Began, Completed: _____
- Create an action plan: Date Began, Completed, Acted on: Strategic Plan (and corresponding action plans)
- Participate in quarterly KSAP meetings: # Mtgs Attended: Meetings have been attended since 2007.

Part 2: Accomplishments

<u>Renewable Energy</u>	Demonstrated use and/or promotion of appropriate solar, wind and bio generated sources of renewable energy.
<p>Unveiled KEYS' Solar Net-Metering option for customers wishing to install solar panels on their homes or businesses and interconnect to the electric grid. The net-metering option allows KEYS to buy back excess energy produced by privately owned solar panels within KEYS service area.</p>	
<u>Clean Transportation</u>	Demonstrated use and/or promotion of smart, clean and economically efficient uses of biodiesel, fuel cells, and hybrid vehicles. Or no vehicles at all!
<p>Converted diesel fleet to Bio-Diesel in 2007.</p>	
<u>Clean Boating</u>	Demonstrated adherence and/or promotion of eco-friendly actions whilst on the water, including cleaning products, propulsion, water conservation, fisheries conservation, catch and release techniques, and use of Florida Clean Marinas, Boatyards, and Retailers .
<p>N/A</p>	
<u>Energy Conservation</u>	Demonstrated use and/or promotion of energy-efficient appliances, energy audits, and retrofits for financial savings and pollution reduction.
<p>To help its customers invest in energy efficient appliances and equipment, KEYS began offering rebates for qualified, energy-efficient products, including: solar water heaters, programmable thermostats, clothes washers, refrigerators, and central air conditioners in 2008!</p> <p>KEYS donated 960 Compact Fluorescent Light (CFL) bulbs to the Key West Housing Authority (KWH) to give to the residents of their Senior Citizen Plaza and low income housing units. The CFL bulb donation is intended to target low income residents to help educate them on the cost savings such technology can bring to</p>	
<u>Green Building</u>	Demonstrated use and/or promotion of green techniques and technologies during retrofits on existing buildings and efficient designs for new buildings.
<p>N/A in 2008. CFL change outs happened in 2007 and a recycling program is being launched in 2009.</p>	

<u>Green Financing</u>	Demonstrated use and/or promotion of tax credits, rebates, and other incentive programs that help finance, sustainability projects. Also includes Socially Responsible Investing.
<p>To help its customers invest in energy efficient appliances and equipment, KEYS began offering rebates for qualified, energy-efficient products, including: solar water heaters, programmable thermostats, clothes washers, refrigerators, and central air conditioners in 2008!</p>	
<u>Healthy Living</u>	Demonstrated adherence and/or promotion of green procurement, green consumerism and healthy choices through buying organic foods and other non-toxic, healthy and sustainable products.
<p>When possible "green" products are purchased for use in KEYS' facilities (i.e.: serving utensils made from corn products, etc.).</p>	
<u>Land Conservation</u>	Demonstrated adherence and/or promotion of conservation of natural habitats by using Keys-Friendly landscaping practices and use of GreenThumb Certified Nurseries .
<p>Continue to sponsor annual native shade tree giveaway to help encourage energy conservation from the shade provided to homes from the trees.</p>	
<u>R4 #1: Reduce</u>	Demonstrated reduction of waste through bulk buying, refillable products, double-sided printing, avoiding over-packaged products, closing the loop by purchasing products made of recycled, post consumer content; implementation of policies which encourage and/or mandate waste reduction.
<p>Recycling policy being unveiled on February 2, 2009, making KEYS one of the first local governmental agencies to implement such a policy.</p>	
<u>R4 #2: Reuse</u>	Demonstrated reuse of products, buy second hand, donate unneeded items, and avoid disposables, and share magazines /other publications before recycling them.
<p>KEYS' customers can now request to receive a paperless monthly energy bill via e-mail and help reduce the environmental impact of producing and distributing traditional paper bills. Additionally, KEYS' employees will soon be participating in a in-house recycling program to reduce waste.</p>	

<u>R4 #3: Rot (Compost)</u>	Demonstrated waste diversion through composting of food scraps and yard trimmings
All yard trimmings collected during tree trimmings are turned in to mulch and donated back to customers upon request.	
<u>R4 #4: Recycle</u>	Demonstrated recycling of items accepted by local waste hauler and/or other items which may be recycled elsewhere (e.g., electronics, CFL light bulbs, cell phones, printer cartridges); implementation of policies which encourage and/or mandate recycling practices
Recycling policy to be implemented in 2009.	
<u>Water Conservation</u>	Demonstrated use and/or promotion of water use reduction through efficient irrigation, xeriscaping, cisterns, rain barrels, water audits and/or use of reclaimed water.
N/A	
Water Quality	Demonstrated use and/or promotion of wastewater treatment, storm water retention, phosphorus free products, slow release fertilizers, animal waste reduction, etc.
N/A	
Youth Leadership	Involve local students in projects and research for healthy long-term choices in any of the above for the future of all.
KEYS annual Energy Conservation calendar art contest helps teach students about energy conservation practices, and the resultant calendar is used throughout the year to further promote energy conservation.	

GLEE Participation	Actively involved with GLEE via ideas, time and/or membership to help further GLEE's Mission and Goals .
KEYS is actively involved with GLEE and annually sponsors the Expo.	
Other Factors	Have you done something else not included in the scope of this application? Let us know!
In a continuing effort to preserve environmentally sensitive lands in the Florida Keys, Governor Charlie Crist and the Florida Cabinet acquired more than 54 acres from KEYS as part of the Florida Keys Ecosystem Florida Forever Project.	
In an ongoing effort to educate its customers about energy conservation, KEYS developed a web-based GREEN Pledge to allow participants to pledge their assistance in implementing greener practices.	

Part 3: Other Agency/Organization Factors

Team Commitment	List staff or other supportive people on your "Green Team"
Ed Giesler, Chair; Julio J. Barroso, Vice Chair; Lynne Tejeda; Jack Wetzler; Edward Garcia; David Price; Stan RZad; Alex Tejeda; Randy Roberts; Donnie Yarbrough; Utility Board Members Mona C. Clark & Ty Symroski representing the Utility Board	
Communications	How are your environmental efforts visibly communicated to staff, locals, tourists, shareholders, customers and/or vendors?
Press release; website; community events.	
Certifications/Memberships	Do you currently hold any green certifications or memberships?
Member of GLEE.	

Part 4: Green Pledge

I certify that the above information is correct to the best of my knowledge.

