

# SUSTAINABILITY E-NEWSLETTER

December 1, 2009

DEPARTMENT OF  
CENTRAL SERVICES,  
OFFICE OF FACILITIES MANAGEMENT

Volume 1, Issue 4

## Viewing Art in a New Light

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### Green Fingerprint

#### Sustainability Commitment:

*"We, the public servants of the state of Oklahoma, are hereby committed to the conservation of resources and the protection of future generations through the promotion and implementation of sustainable business practices."*



### FIRST-FLOOR CAPITOL GALLERIES NOW FEATURE LED LIGHTING.

On your next trip to the State Capitol, make a point to stop by the first floor art galleries. The Betty Price Gallery is described by the Arts Council website as "a visual anthology of the history of artistic expression in Oklahoma," and now features 154 super energy-efficient LED lights.

Executive Director of

the [Oklahoma Arts Council](#) Suzanne Tate said of the switch, "not only is LED lighting more energy efficient, saving the state money in utility costs, but it also enhances the visitors' experience through better illumination of the works on display."

The lights formerly in the main gallery (50 watts each) were replaced with

10 watt LEDs; a move that improved the efficiency of the gallery's lighting by approximately 80%.

The new lights are also helping to protect the artwork displayed at the Capitol. Tate went on to say, "LED lighting ensures the long-term preservation of the works of art in the State Art Collection by

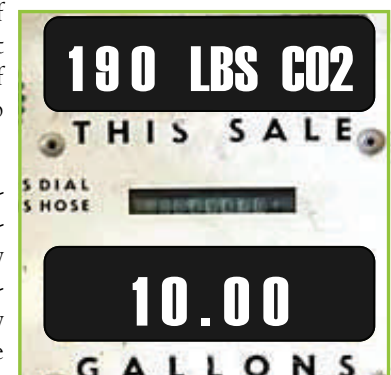
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## Fleet Management Curbs Vehicle Emissions

For every gallon of gasoline burned, 19 lbs of CO<sub>2</sub> is released into the atmosphere. DCS Fleet Management is looking toward a new cohort of Neighborhood Electric Vehicles (NEVs) to help reduce harmful emissions caused by state vehicles.

"The NEVs were purchased as part of an initiative to replace high-mileage, gas-combustion engines with low-speed electric vehicles," said Clay Chandler, State Fleet Manager. A total of 12 vehicles were purchased, 6 of which will be utilized by the Facilities Services' Central Maintenance

*(Continued on page 2)*



## Fleet Management Curbs Vehicle Emissions (continued)

program. Central Maintenance will be based out of the Facilities Annex on N. Walnut Ave and will be dispatched to state-operated buildings through online work requests.

Chandler went on to say, "The plan is to replace [gas-combustion vehicles] one-for-one [with NEVs]." The NEVs will double the expected life of the typical truck used by Facilities Services.



Chandler also stressed that these NEVs are not golf carts. NEVs are street-legal on any city or county road less than 35 mph and also feature all-electric motor innovations occurring in the past ten years.



**STREET-LEGAL ELECTRIC VEHICLES WILL REDUCE HARMFUL EMISSIONS FROM MAINTENANCE-RELATED TRAVEL**

"[The NEVs] will provide a safe, reliable means of transportation for Facilities' technicians," Brandy Winget, Alternative Fuels Administrator, said, adding that technicians can combat any weather conditions on their way to a job

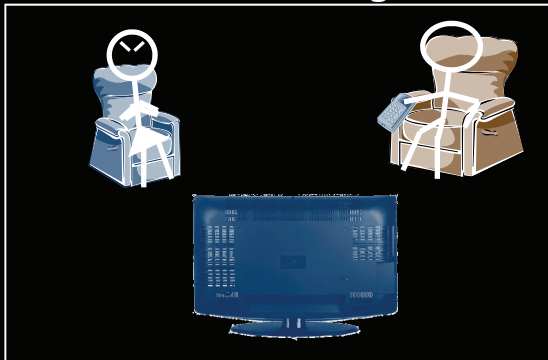
while driving the NEVs. One can easily navigate icy sidewalks and parking lots with 14" street-rated tires and battery-powered heaters.

A common issue with alternative fuel vehicles (AFVs) and electric vehicles alike is the range (or lack thereof) between "fill ups." The new NEVs have a total of nine (9) 8v batteries (72v) and a range of 35-40 miles between charges.

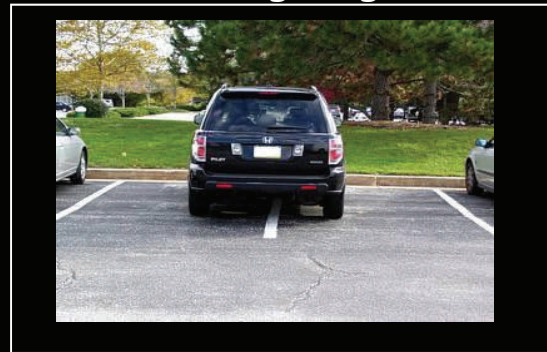
The NEVs provided a perfect opportunity for Fleet Management to leave a Green Fingerprint on the Central Maintenance program.

For further information, or any NEV leasing inquiries please contact Brandy Winget at (405) 521-2052 or via [email](#).

### Remote Hog.



### Parking Hog.



### Energy Hog.



Go Energy Hog Hunting!  
[Click HERE](#) to find out how much energy you helped save last year!





# BENCHMARKING: The Key to SB833 Fulfillment!



It's true; the fastest way from Point A to Point B is a straight line. However, how can you expect to make it to Point B if you don't know where to find Point A??

Likewise, how can an agency expect to meet energy efficiency and conservation goals without benchmarking its' consumption first? By documenting and graphing energy use, waste generation, etc. your agency establishes a point of reference from which savings (or increased usage) can be identified.

On May 22nd, Governor Brad Henry signed into law Senate Bill No. 833 (SB833). The bill, among other things, requires state agencies to develop energy efficiency and conservation plans and submit the plans to the Department of Central Services (DCS).

The Office of Facilities

Management (OFM) began benchmarking energy use in August of 2007 and, a year later, established a Sustainability Plan to minimize the environmental impact of state-operated buildings. The plan helped to organize internal goals and assign responsibilities for accomplishing tasks. OFM's methods of tracking energy use, waste generation, vehicle use, recycling efforts, and toxic chemical use is a good model for agencies to reference when developing individual conservation plans.

Energy Star's Portfolio Manager played a key role in consumption tracking and gave OFM the opportunity to learn from experts in the fields of energy and energy efficiency. Energy Star is a valuable resource for any new conservation plans because it compares and rates facilities



based on similar buildings in the region.


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Implementing a successful conservation plan in OFM involved changing paradigms about project planning and the many processes throughout project execution. OFM has developed a "Sustainability Filter" of sorts to raise specific questions about the environmental impact of a project during the planning stages. Questions such as:

- ⇒ *Are recycled materials used in every instance feasible?*
- ⇒ *What will be the lasting impact on the surrounding environment?*
- ⇒ *How far will the material have to travel?*
- ⇒ *Is this company environmentally responsible or is this*

## *green-washing?*

Each agency's plans, goals, objectives, and tasks will vary depending on any number of factors. For example, an agency that pays the facility's utility bills can make lighting, equipment, and plumbing decisions; whereas, an agency that does not (i.e. one that leases office space) may only be able to offer recommendations to the facility's landlord. Adjust what you can control, and try to influence that which you cannot.

There have been many questions regarding SB833 compliance; DCS plans to name an energy efficiency and conservation coordinator by December 15th. The new coordinator will develop DCS' program to administer the requirements of SB833, including a resource website to assist agencies with energy savings, conservation efforts and SB833 plans. 

## How Does it Work??: Online Tenant Work Requests

Officially online campus-wide on November 2nd, the Office of Facilities Management's (OFM) Central Maintenance Program (CM) is now available to accept and respond to Tenant Work Requests.

Based out of the newly renovated Facilities Annex (2222 N. Walnut Ave), CM personnel will receive online work requests and dispatch the technicians with the appropriate skills to ensure quality and timely service.

The process is as follows:


1. Tenant sends online request to CM.
2. The CM Work Request Manager sees request & acceptance email is sent.
3. If request is approved, an approval email is sent.
4. The requested service is scheduled.
5. The request is fulfilled.



Requests that will be approved fall under the following categories:

- ⇒ Cleanup/Spill
- ⇒ Electrical
- ⇒ Events
- ⇒ Gas Leaks
- ⇒ General Maintenance
- ⇒ Inspection
- ⇒ Installation
- ⇒ Lavatory Issues
- ⇒ Leak
- ⇒ Lighting

- ⇒ Locks/Door
- ⇒ Odor Issues
- ⇒ Pest Control
- ⇒ Power Out
- ⇒ Recycling
- ⇒ Toiletry Refill
- ⇒ Too Hot/Cold
- ⇒ Trash Can

**In case of emergency,** please call the Monitored Message line at 522-1212. A CM Manager will immediately listen and respond to your message. 



# LEAVING A GREEN FINGERPRINT FOR A SUSTAINABLE FUTURE

## Viewing Art...

(Continued from page 1)

drastically reducing the exposure to UV radiation emitted by other light sources, which can cause permanent damage to the art."

The Oklahoma Arts Council also partnered with the [Department of Central Services \(DCS\)](#)



to replace 50 bulbs in the North & East rotating galleries. These galleries host temporary exhibitions that rotate every 60

days and, according to the Arts Council website, "exemplify the artistic quality and cultural diversity in our state."

The projects are expected to save approximately 24,616 kWh annually (roughly \$1,969.88 per year) based on using lights for 10 hours a day at a cost of \$.075 per kWh.

For more information about the Arts Council leaving a Green Fingerprint on the State Capitol Art Galleries please contact Amber Sharples (405)521-2931. 🌱

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## Energy Champions

Office of the State Auditor & Inspector	Georgia Godwin
Oklahoma Arts Council	Michele Gann
State Department of Education	Kent Tippin
Oklahoma Conservation Commission	Karla Beatty
Oklahoma Tax Commission	Paula Ross
Oklahoma Department of Human Services	Adele Jack
Treasurer's Office	Kathy Ernst/ Amy Sparks
Oklahoma Water Resources Board	Chris Neel
Office of Personnel Management	Terri Berry
Oklahoma Department of Environmental Quality	Fenton Rood
Office of the Secretary of the Environment	Amanda Storck
Office of the Secretary of Energy	Cassie Gilman
Teacher's Retirement System	Donna Spurrier
Department of Mental Health & Substance Abuse Studies	Shawn McCarty
Tourism & Recreation Department	Jessica Blackstock
Oklahoma Department of Career & Technology Education	Donna Sinnes

## MISSED AN ISSUE?

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 THE SUSTAINABILITY  
 E-NEWSLETTER ARCHIVES

## Energy Champion Spotlight



For the past 20 years, Karla Beatty has been involved in conservation education. "The picture illustrates why I do what I do," Beatty said.

She takes great pride in educating the citizens of Oklahoma about conserving our natural resources especially soil, water, and wetlands.

When asked why it's important to leave a Green Fingerprint, Karla said "This isn't just a job for me, it's a calling." 🌱

Karla Beatty

Education Coordinator

[Oklahoma Conservation Commission](#)

## Current Projects:

- Install low-flow toilets in all buildings
- Governor's Mansion Wind Turbine
- Improved Storm Water Management
- High-Performance Roofing for Facilities Annex