

VALENCIA COLLEGE

Sustainability Forum Sustainability Operations Spring 2020

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: valenciacollegesustainability



: Sustainable Valencia

Sustainability Mission & Vision

- **Mission:** Promote and execute operational practices in the service of **environmental, economic, and social responsibility**, while effectively communicating and educating about the significance of these practices for people and the planet.
- **Vision:** Serve as a role model in our community by accomplishing sustainability goals.

Operational Sustainability Areas

- **Energy**
- **Water**
- **Waste & Recycling**
- **Transportation**
- **Grounds**
- **Food**

Energy Update

- **Winter Break Power Down Competition**
 - **The Best Team Energy Reduction Award:** West Career & Counseling Center
 - **The Best Team Collaboration Award:** West Advising and Orientation
 - **The New Solution for Energy Reduction Award:** Poinciana Student Services team

Grand Prize Winner:

West Career & Counseling Center

- Created an Energy Czar
- Distributed energy tips
- Posted energy efficiency signs
- Turned the competition into a two-day fun event & produced informative video



Energy Update



- **OSC CIT Building**
 - **Green Building Initiative- Green Globes**
 - **ACHIEVED: 2 Green Globes**
 - **Some of the green components:**
 - High efficiency window glazing systems
 - 20% energy use reduction over the code-minimum
 - LED lighting and vacancy sensors
 - Low and no-VOC products
 - Native plantings
 - Whole building commissioning-ensuring building operates as it was designed

Energy- Solar

- West Campus: Solar array produces monthly on average over 9,000 kWh.
 - Replaced damaged panels
 - Working with WEC Engineering Department on developing a real-time display in building 11

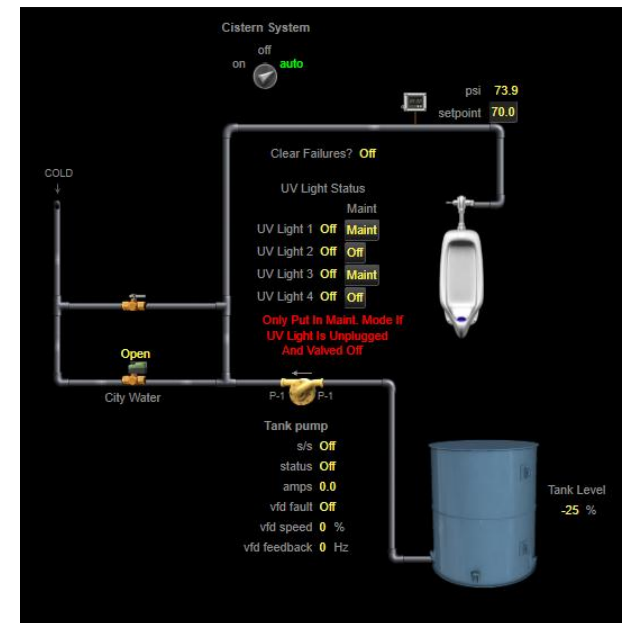


Upcoming Projects

- **Exterior Parking Lot Lighting LED retrofit**
- **Installing mini-split systems at Osceola Campus to shut down chiller plant after hours.**
- **Updating Architectural & Engineering Standards**

Water: Rainwater Harvesting

- **Two Cisterns for Non-Potable Use: OSC, bldg. 4**
- **and WEC, bldg.8**
 - **OSC: Capacity 2,400 gallons**
 - **Use: flush toilets**
 - **1,200 flushes**
 - **WEC: Capacity 10,000 gallons**
 - **Performing maintenance and repairs**



Plastic Writing Instrument & Battery Recycling Program

- **Collection bins on landfill & recycling bins**
 - One per floor, per building.
 - In general, located at main entrance on first floor and primary entrance on the other floors.
 - To date collected:
 - Batteries: 460 lbs.
 - Markers: 145 lbs.



What's Accepted?

Plastic Writing Instruments

- Pens
- Mechanical pencils
- Markers (dry erase, permanent, coloring)
- Caps- Pen and Marker
- ***NO wooden or colored pencils.***



Batteries

- ONLY Alkaline (AA, AAA, C, D, 9V)



Waste & Recycling Continued

- **Food Scrap Program**
 - **West Campus Program, Fall 2019:**
 - **45 cart tips**
 - **If full, 6,700 lbs. of food diverted from landfill**
 - **Continuing education on proper procedures**
- **Following Up:**
 - **Recycling at Downtown Campus**
 - **Swag, Paper, & Student Development**

Transportation- Lynx Buses

- **PawPass App**

- **Free to ride for any Valencia student and employee!**
- Register at the Security Office
- Download the App: LYNX PawPass
- Learn more: **valenciacollege.edu/lynx**



LYNX PawPass
Transportation Technology Partners
Everyone
You don't have any devices.

- **Electric Vehicle (EV) Charging Station Working Committee**

Transportation- Ridesharing/Carpooling

- **ReThink Your Commute App Update**
 - Working with UCF and ReThink Your Commute
 - Summer 2020

Grounds

- **Tree Campus USA (TCUSA)**
 - Certification by National Arbor Day Foundation
 - 10 years certified!
 - Updating Tree Care Plan this year
 - **Need students for committee- Meets once/semester**
 - Doing a tree planting or tree-related service project? Let us know!

Students- SGA

- **Osceola Campus:**
 - **Stefania Salerno**
 - **SGA Senator of Sustainability**
 - ssalerno@mail.valenciacollege.edu

- **East Campus:**
 - **Kristal Muniz**
 - **Director of Outreach and Sustainability**
 - kmuniz6@mail.valenciacollege.edu



Students: Earth Day Events 2020

- **EAC & WPC: Thursday, April 2nd**
- **OSC: Tuesday, April 7th**
- **WEC: Thursday, April 16th**



Transitions

- **AVP for Facilities, Plant Ops, & Real Estate**
- **Sustainability Assistant**
- **Carrie's Family Leave: Approx. March-May**
 - **Points of Contact:**
 - **Robert Hickman**, *Operations Manager, Energy Efficiency*:
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 - **Greg Noonan**, *New Sustainability Assistant*:
gnoonan@valenciacollege.edu, ext. 1442
 - **Shaun Andrews**, *Managing Director, Plant Operations*:
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Questions
&
Open Discussion

Contact Information

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