

April 1, 2026

Florida Public Service Commission
2540 Shumard Oak Blvd
Tallahassee, Florida 32399-0850

Subject: Orlando Utilities Commission - Section 366.92(3), F.S., Standards Report for
Renewable Energy, Energy Efficiency and Conservation

Attention: David Sumner, Eric Hitchins, Hayden Rogers, Lydia Roberts, and Shelby Eichler

Attached please find the Orlando Utilities Commission report to the Florida Public Service Commission regarding Standards Established for the Promotion, Encouragement and Expansion of Renewable Energy, Energy Efficiency, and Conservation Pursuant to F.S. 366.92(3). If you have any questions about the attached reports, please let me know.

Respectively submitted,

/s/ 

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**Orlando Utilities Commission Report to the Florida Public Service Commission
Pursuant to F.S. 366.92(3)
Calendar Year 2025
April 1, 2026**

Introduction

- a) Orlando Utilities Commission
- b) Reliable Plaza at 100 West Anderson St., Orlando, FL 32801
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2) Standards or policies that promote, encourage, and expand the use of renewable energy and/or energy conservation and efficiency measures.

OUC has committed substantial resources to promote, encourage and offer multiple conservation and renewable energy programs to our customers as summarized below. For more information, please refer to OUC’s 2025 OUC Annual Conservation Report (submitted March 2, 2026) and OUC’s 2026 Ten-Year Site Plan (submitted April 1, 2026) filings to the Florida Public Service Commission.

3) Summary of programs

Conservation

OUC has continued to promote, encourage, and expand its Demand-Side Management (“DSM”) and conservation and energy efficiency programs. Not only do these programs help customers save money by saving energy, these programs also help OUC reduce emissions of greenhouse gases and better position OUC to meet possible future greenhouse gas regulations.

OUC’s 2025 Demand-Side Management Plan (“2025 DSM Plan”) was approved by the Florida Public Service Commission in April 2025. The conservation programs included in OUC’s 2025 DSM Plan and offered to OUC’s customers in 2025 consist of the following:

- Residential Home Energy Survey Program
- Residential Existing Home Rebates Program

- Residential New Home Rebates Program
- Residential Efficiency Delivered Program
- Commercial/Industrial Energy Audit Program
- Commercial/Industrial Prescriptive Rebates Program
- Commercial/Industrial Lighting Rebates Program
- Commercial/Industrial Custom Incentives Rebates Program

During calendar year 2025, OUC continued to offer the following measures that are not included in OUC's 2025 DSM Plan but aid OUC's customers in reliability, energy conservation, and education:

- Residential Energy Conservation Rate Structure
- Residential Solar Water Heating Rebates Program
- Residential A/C Proper Sizing with R-30 Attic Insulation Rebates Program
- Residential Window Film/Solar Screen Rebates Program
- Residential Proactive Energy Audits
- Behavior Reports (Online)
- Pre-Paid Power Pass
- Commercial/Industrial Indoor Lighting Billed Solution
- Commercial/Industrial OUConsumption Online
- Commercial/Industrial OUConvenient (Outdoor) Lighting
- District Cooling (Distributed Chilled Water Districts)
- Commercial/Industrial A/C Proper Sizing with R-30 Attic Insulation Rebates Program
- Conservation Voltage Reduction
- Customer Usage Dashboard

Renewables

OUC has established several Renewable Energy Business Objectives, including:

- Balancing sustainability with affordability and reliability
- Providing a hedging strategy against potential regulatory requirements through the acquisition of renewable energy credits
- Leveraging state and federal incentives offered to encourage the development of customer-sited assets
- Offering an option in response to customer requests for environmentally friendly energy investments
- Pursuing least-cost planning for future energy investments

Examples of OUC's activities to promote, encourage, and expand the use of renewable energy are presented below.

Customer Facing Solar and Battery Programs

OUC actively provides more opportunities for its customers to participate in solar projects and programs. These initiatives include TruNet Solar, a Battery Storage Rebate, OUCCommunity Solar, SunChoice©, and the Solar Thermal Rebate Program.

- TruNet Solar is OUC’s net metering program whereby all energy delivered by OUC to the customer will be billed using standard retail rates and customers are credited for all energy supplied by them to OUC based on a credit rate per kWh until June 30, 2030 that equals the community solar energy rate (currently 4.567¢/kWh) and the levelized fuel charge thereafter. This amount is subject to change based on market conditions. This program went into effect July 1, 2025, and is for customers not grandfathered under the Solar Net Metering program (including those taking over an account on or after July 1, 2025, from a grandfathered customer). The existing rooftop solar customers that have submitted a complete interconnection application for their current premises before June 30, 2025 (“grandfathered customer”) will be reimbursed for excess energy generation as follows:
 - The credit rate per kWh until June 30, 2045, shall equal the sum of the non-fuel base and fuel charge (currently 10.65¢/kWh for residential customers). This amount is subject to change based on market conditions.
 - For residential customers the non-fuel base charge shall not include the conservation adder for all additional kWh over 1,000.
 - For time of use (“TOU”) customers the energy supplied to OUC by the customer will be measured and credited by distinct TOU time periods.
 - After June 30, 2045, the credit rate per kWh shall equal the levelized fuel charge.
- OUC offers rebates for battery storage system purchase and installation to customers who export excess energy under the Community Solar Energy Rate. Eligible customers with rooftop solar systems sized below 20 kW can receive a rebate of \$150 per rated kWh up to \$2,000 for adding battery storage to their solar installations. The battery storage must be directly connected to the customer’s solar system to qualify for this incentive. This program follows a successful pilot program conducted in 2019.
- Residential and commercial customers enrolled in the OUCCommunity Solar program can get access to sustainable, maintenance-free solar energy without the costs associated with installing panels on their homes or businesses. Those enrolled subscribe at a small premium to receive between 10 percent to 100 percent of their energy from OUC’s solar resources.
- In 2024, OUC introduced its SunChoice© program, which allows commercial customers to demonstrate their commitment to the deployment of utility scale solar arrays and secure Renewable Energy Certificates (“RECs”) as evidence of their commitment to offsetting their consumption with renewable energy sources. The program costs are in addition to a customer’s standard utility bill. Customers subscribe a percentage of their actual consumption in 10 percent tranches. Customers pay tiered prices associated with their subscription level. OUC retires the RECs in the customer’s name annually based on their subscription level and the actual quantity of energy they consume.

- Residential customers participating in the Solar Thermal Program receive a rebate of \$900 for installing a solar water heating system. Federal incentives, including the investment tax credit, are available to eligible customers to help minimize costs of solar photovoltaic (“PV”), energy storage and solar thermal systems.

Utility Scale Solar and Batteries

As part of a pilot program, a 4-megawatt, 8-megawatt-hour utility scale battery energy storage system (“BESS”) was installed at OUC Substation 29 in east St. Cloud. Substation 29 is connected to transmission lines that support the solar array at the Harmony Solar Energy Center.

In order to better utilize solar energy and increase its reliability during cloudy weather, OUC has embarked in designing its own advanced algorithms and control schemes. These algorithms are being tested at OUC’s Grid Integration Lab (“GIL”), formerly known as “Nanogrid”, a living laboratory for testing the interoperability of multiple distributed energy resources and the ability to self-operate at OUC’s Gardenia facility. GIL currently is comprised of 64 kWdc of floating solar, 100 kW/129kWh lithium iron phosphate batteries, 120kW DC fast charging, 194 kW DC-coupled battery fast charger, 28kW of Level 2 EV charging, and 16kW/64kWh flywheel energy storage. The site is used in partnership opportunities with UCF and local startups, such as developing an intelligent control system and testing capacitors for enhanced microgrid operations. The research into dispatch and control of assets at GIL will enable solar to become more reliable during intermittent weather as well as help to drive down costs for energy storage.

OUC completed installation of a 1.6 MWac floating array on a Florida Department of Transportation (“FDOT”) pond in late 2025. Plans are in place to develop a roadmap for a larger deployment of floating solar throughout OUC’s territory.

OUC’s existing contracts for purchases of solar power are summarized in Table 1.

Table 1 Summary of OUC Solar Purchase Contracts		
Facility	Operational Year	Purchased Capacity (Nameplate; MWac)
Stanton Energy Center	2011	5.1
Kenneth P. Ksionek	2017	8.9
Harmony	2020	34.0
Taylor Creek	2020	74.5
Harmony II	2024	74.5
Storey Bend	2024	74.5

Landfill Gas

In partnership with Orange County, OUC captures methane gas emissions from county landfill cells and pipes it to the Stanton Energy Center where it is co-fired with coal. In addition to helping to reduce greenhouse gas emissions, this 8 MW project has the potential to displace more than three percent of the fuel burned at the Stanton Energy Center. The project is capable of producing in excess of 100,000 megawatt-hours of reduced-emissions power – offsetting the equivalent of approximately 44,000 tons of coal each year. OUC also purchases energy derived from landfills in Charlotte and Osceola Counties.

OUC’s existing contracts for purchases of landfill gas power are summarized in Table 2.

Facility	Operational Year	Purchased Capacity (MW)
Port Charlotte/Collier	2011	4.00
Monarch Hills	2016	6.00
Holopaw JED	2017	9.00

Energy Efficiency and Sustainability

OUC’s commitment to efficiency and sustainability is also demonstrated by Reliable Plaza, OUC’s energy and water efficient center on West Anderson Street. Reliable Plaza earned Gold Leadership in Energy and Environmental Design (“LEED”) certification in 2009, recognizing the 10-story administration and customer service center as the "Greenest Building in Downtown Orlando." Reliable Plaza also holds a Florida Water Star certification, a voluntary program for new and existing construction that encourages water efficiency in appliances, plumbing fixtures, irrigation systems and landscapes. Reliable Plaza utilizes a number of environmentally friendly features designed to use 28 percent less energy and 40 percent less water than a similarly sized facility.

OUC’s 24-acre St. Cloud Operations & Maintenance Facility is the first net-zero energy campus for a Florida utility, combining state-of-art technology with sustainability. The campus uses 50 percent less energy and 40 percent less water than conventional facilities of similar size. It supports permanent fleet and logistic operations, as well as being designed to accommodate a future new substation based on projected load growth. It will also serve as an alternative emergency response center for OUC operations.

OUC’s Commercial Indoor Lighting Program helps customers convert old, inefficient lighting to high-efficiency technology. Since launching the program in 2002, more than 45 million kWh and 10.5 MW demand has been saved in buildings like public schools, churches, theme parks and hospitals, resulting in annual energy cost savings of about \$16 million.

The Home Utility Report Program (“HUR”) is a free service offered to OUC customers

designed to help them save energy, water, and money. The report compares a customer's energy and water consumption to similar households, as well as provides personalized tips that show how much they can save by changing their behavior. Participants receive a free HUR monthly email report or bi-monthly printed report. To administer the HUR program, OUC works with a third-party company that helps utilities meet their efficiency goals through effective customer engagement. There is also an online portal available to customers to obtain additional information on how to save energy and water.

Strategic Partnerships to Promote Awareness

OUC partners with highly visible, professional sports teams in Central Florida to highlight OUC's commitment to sustainability, conservation, and impactful economic development efforts. As of 2026, some of these partnerships include: Orlando Magic, Orlando City Soccer Club, and United States Tennis Association ("USTA").

OUC's current partnership with the Orlando Magic focuses on promoting energy and water conservation through interactive activations at games, in-game LED banners and videos. In addition to our game-day activities, OUC also partners with the Magic to host B2B events designed to promote commercial conservation efforts. These events provide an opportunity to engage businesses customers and partners in energy and water efficiency practices, offering valuable insights and resources to help them reduce their environmental impact while also driving cost savings.

In the past, OUC played a significant role in the design phase of the Orlando Magic's LEED-certified home, the Kia Center (formerly the Amway Center), contributing to its energy and water efficiency features. OUC highlighted the facility's LEED certification and sustainability efforts through educational signage and digital media. Additionally, from 2019 to 2022, OUC supported the Orlando Magic's Community Assist Program—donating one tree for every assist made by a Magic player during the season. Now concluded, it was a key initiative that helped plant more than 5,000 trees in the Central Florida community. Today, OUC continues to focus on its commitment to energy and water conservation in collaboration with the Orlando Magic.

Since 2015, OUC has been the official and exclusive electric and water utility partner for Orlando City Soccer Club and Orlando Pride. Within Inter&Co Stadium (formerly Exploria Stadium), OUC branded all water fountains and showcases the savings that can be achieved through sustainability initiatives. Both permanent and transitional signage highlights energy and water efficiency features incorporated into the facility. In November 2020, OUC unveiled "Gyration," a soccer-ball shaped solar sculpture designed by UCF students. The sculpture generates 1,264 kWh of clean energy annually, achieving net-zero carbon output. In 2023, OUC also installed EV charging equipment at the stadium. Additionally, OUC serves as the presenting sponsor for the Club's sustainability initiative, which is focused on maintaining a zero-waste facility.

OUC's partnership with the USTA at the Home of American Tennis in Lake supports sustainability. OUC is exclusively designated as the "Official Sustainability & Utility

Sponsor” and highlights energy, water, and emerging technology through initiatives such as EV charging stations, hydration stations, and solar arrays on the roofs of shade pavilions. The facility hosts more than 250 events and attracts approximately 400,000 unique visitors per year.

OUC Power Pass Program

OUC Power Pass is a program that allows customers to pay-as-you-go or pay in advance for utility services allowing the option of avoiding deposits, late fees and a monthly bill. Studies have shown that pay-before-consumption programs result in less electricity and water usage because customers are more aware of how much they are using. Customers can check on their electric bill or water usage every day using the OUC Power Pass portal or receive alerts via text, email and/or phone. More than 20,000 customers are enrolled in the program to date.

Usage Dashboard

Digital meter technology allows customers to monitor electric and water consumption on a 15 minute basis instead of waiting until the end of the month to receive their bills. The ability to track usage patterns and adjust lower energy bills was one of the items most frequently requested by OUC customers. To accommodate their needs, OUC released the OUC Usage Dashboard to most residential customers through their myOUC online profile. Because the new system also provides high-consumption alerts via email, changes in usage can be made immediately, and costs can be kept in check.

PowerShift and PeakShift

In 2019, OUC launched a pilot project to offer Time of Use (“TOU”) rates – internally known as PowerShift – to explore the viability of extending a new rate structure as an option for customers. The pilot formally ended in 2023. During an exploratory phase, OUC gauged interest from each customer segment and ultimately accepted 700 customers to participate in the pilot. Beginning in April 2021, the 700 pilot customers were billed utilizing On-Peak (2 p.m.-8 p.m.) and Off-Peak rates, the latter being the lowest, offering customers the opportunity to save on their monthly bills and to also smooth OUC’s power demand curve. At the conclusion of the pilot, OUC offered participating customers the option to continue the TOU rate. Of the initial 700 customers enrolled, 474 have chosen to remain in the program past the pilot phase. As part of the pilot, OUC created numerous marketing and communication materials to ensure customers are equipped with the tools and resources to be successful in the program. Feedback gathered via quarterly customer surveys helped shape the program messaging OUC is using data from these surveys, as well as other data points and metrics gathered during the pilot to determine the future of TOU rates.

Building on the success of the PowerShift Pilot Program, in December of 2024, the OUC Board of Commissioners approved PeakShift a multiyear pricing plan to empower customers with new opportunities to save money, better align costs with how electricity is used and help shift OUC’s system electric peak. As OUC implements this modernized pricing structure, the utility will continue to engage with customers and the community. The program has three

primary components:

- **DemandLevel Pricing:** Anticipated to go live in November 2026, this program reduces variable non-fuel energy cost per kWh and adds a tiered fixed charge to encourage reducing distribution peak demand (the point where each residential and small commercial customer's usage is at its highest 15-minute average within the month), rebalance costs and reflect individual customers' usage of the electric grid.
- **TruNet Solar:** Anticipated to go live in November 2026, this program adjusts compensation for rooftop solar customers who apply for solar interconnection after June 30, 2025 to reflect industry changes and address systemwide cost equity concerns to ensure affordability of rates for all OUC customers.
- **Shift & Save:** Anticipated to go live in 2027, introduces a time-of-day pricing plan to enable customers to save money by shifting part of their electricity usage to "off-peak" periods for those that want additional incentives to save money.

Aggregate 364

Aggregate 364 is composed of five solar arrays:

- Gardenia Floating Solar (64.5 kW AC)
- Gardenia bi-facial array (104.28 kW DC)
- 100 W Anderson (32 kW DC)
- 722 Rollins St (32 kW DC)
- 195 N Rosalind Avenue (12 kW DC)

Aggregate 394

Aggregate 394 is composed of five solar arrays:

- Gardenia Community Solar Farm (400 kW DC)
- Pershing Solar Test Site (24 kW AC)
- 100 W Anderson (3 kW DC)
- 1012 S Westmoreland (418 kW DC)
- 5100 S Alafaya Trail (33 kW DC)