

Orlando Utilities Commission (OUC) is a municipally owned utility with over 200,000 retail customers. It receives an overall grade of B+ excelling in electric vehicles, storage, and competition. However, it is the most reliant on coal of all the utilities in this report, and does not invest enough in renewables.

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Renewable Energy and GHG Reductions: In 2020, Orlando Utilities Commission established clean energy goals of a 50% reduction from a 2005 baseline, escalating to net-zero carbon emissions by 2050. In its ten-year site plan, OUC increases solar and landfill gas from 3% to 13% of its total energy mix. That said, it could do more to reduce its overall GHG by pivoting away from coal.

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Gas Over-dependence: OUC increases its share of gas generation from 39% to 41% over the ten-year planning period. While this is substantially less than other utilities, the benefit is offset by the prominent role of coal in OUC's generation portfolio.

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Uneconomic Coal: In 2019, OUC still received nearly half of its energy from coal-fired power plants, the most of any Florida utility. That reliance reduces slightly to just under 40% in 2029, maintaining OUC's position in last place among its peers. OUC owns coal-fired assets that are under threat of becoming uneconomic. It should follow the nationwide trend to retire coal capacity now.

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Consumer Protection and Affordability: OUC provides sliding-scale support for its home audit & retrofit efficiency program, and it has provided substantial monetary support to economically disrupted customers due to COVID-19. However, its shutoff ban expired July 13 and late fees will be reinstated Aug 3.

OUC's plan did not consider supply side efficiency alternatives because it has excess supply. As a result it is missing an opportunity to take advantage of cost effective efficiency measures and early retirement of expensive and polluting assets.

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Market Competition: OUC makes use of independently developed power purchase agreements, including for 108.5 MW of the Florida Municipal Solar Project.

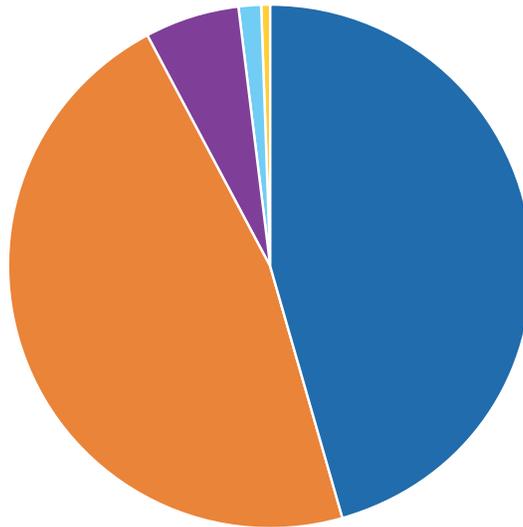
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Customer Choice: OUC offers a wide range of options for customers who want to go solar on their terms. OUC enables net metering, but it also offers a collective purchase program (called OUCollective), one of the first community solar programs in the country, and a residential solar plus storage rebate.

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Investment in Resilient Storage: OUC is one of the only utilities in Florida to offer up-front incentives for solar plus storage systems on residential homes. It's also gathering input from customers and citizens on the role of resiliency in its 2020 Energy Integrated Resource Program.

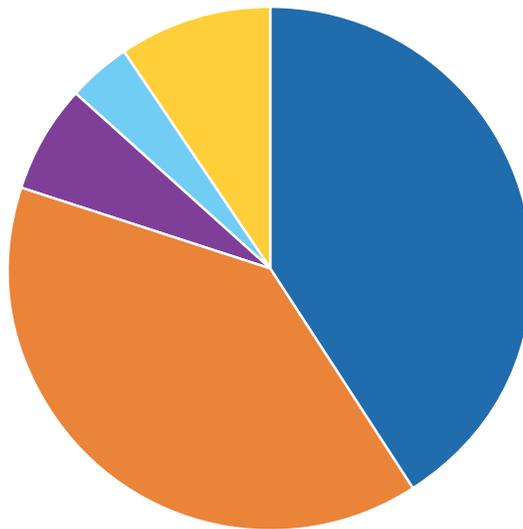
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Electric Vehicle Promotion: OUC has installed 150 level 2 and DC fast chargers, propelling Orlando to one of the top 5 cities for electric vehicles in the nation. It also forecasts for EV adoption using inputs from the National Renewable Energy Lab and Siemens.

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Orlando Energy Mix, 2019 (Actual)



Orlando Energy Mix, 2029 (Planned)



■ Gas ■ Coal ■ Nuclear ■ Landfill Gas ■ Solar