



The Reliable One®

Ken Ksionek

General Manager and CEO

Monday, November 2, 2009, 10:00 a.m.

Orlando City Council Chambers

About OUC

- Second largest municipal utility in Florida – 16th largest in the U.S.
- Service area: 394 square miles in Orlando, unincorporated Orange County and the City of St. Cloud
- Serve approximately 251,000 electric and water customers
- 86% of our customers are residential
- 55% of our residential customers live in multi-family housing

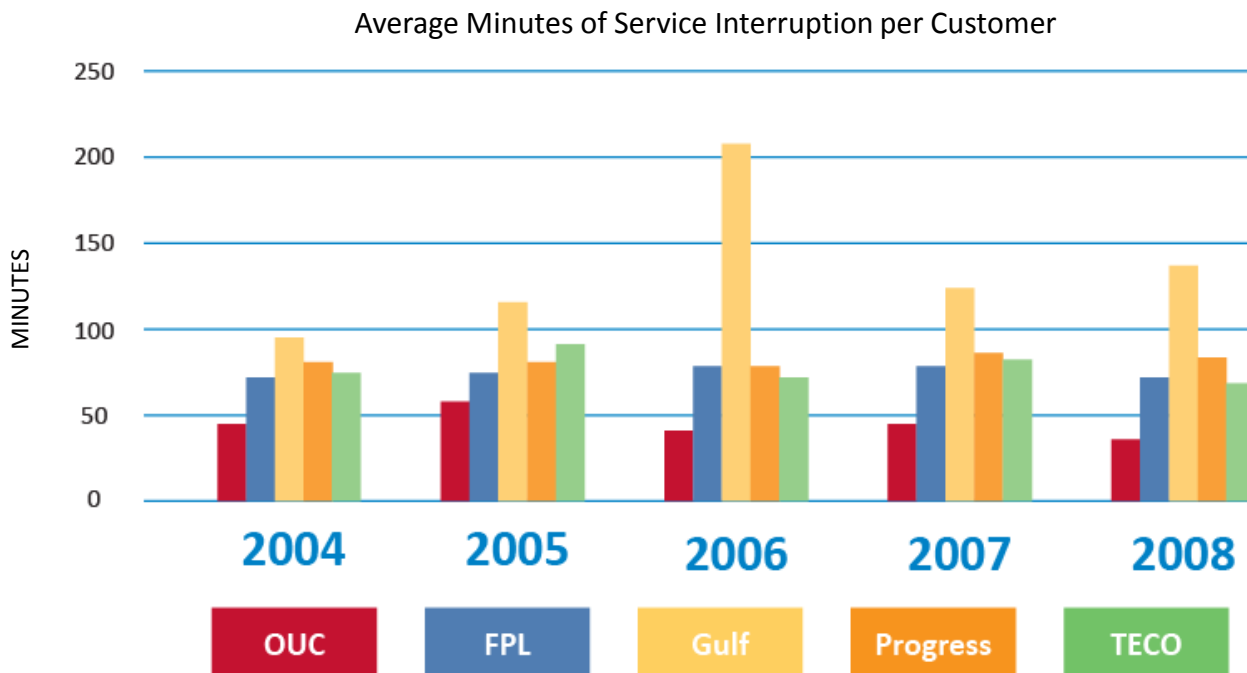
Three Key Tenets

- Reliability
- Affordability
- Environmental Stewardship

ELECTRIC

The *Reliable* One

Best in the Southeast



SAIDI (*System Average Interruption Duration Index*)
 Investor Owned Utilities' Data Source – Florida Public Service Commission



WATER

The *Reliable One*



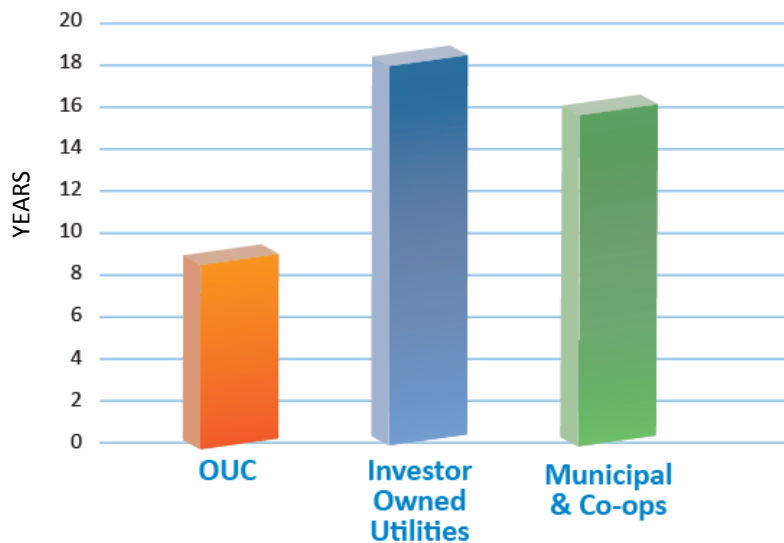
- One of three utilities in the State to treat groundwater with ozone
- Florida Chapter of American Water Works Association recognition for the “Best Tasting Water” in the State
- 2009 National Association of Metropolitan Water Agencies Platinum Award

ELECTRIC

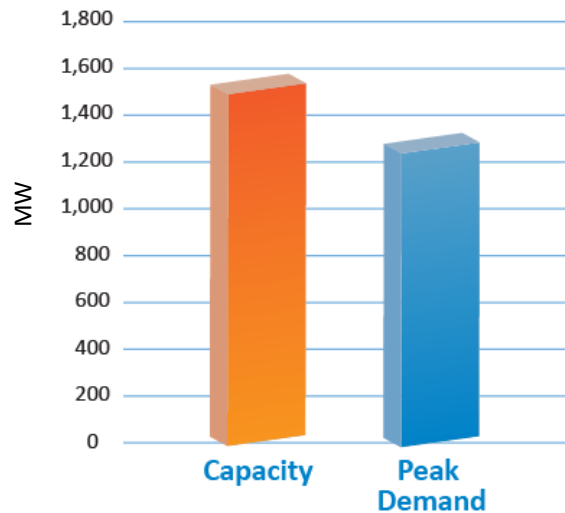
Reliability

Youngest Generation Fleet in State & Able to Meet Demand

AGE COMPARISON
Florida Steam Plants (MW-Weighted Basis)



OUC CAPACITY & PEAK DEMAND COMPARISON
Generation



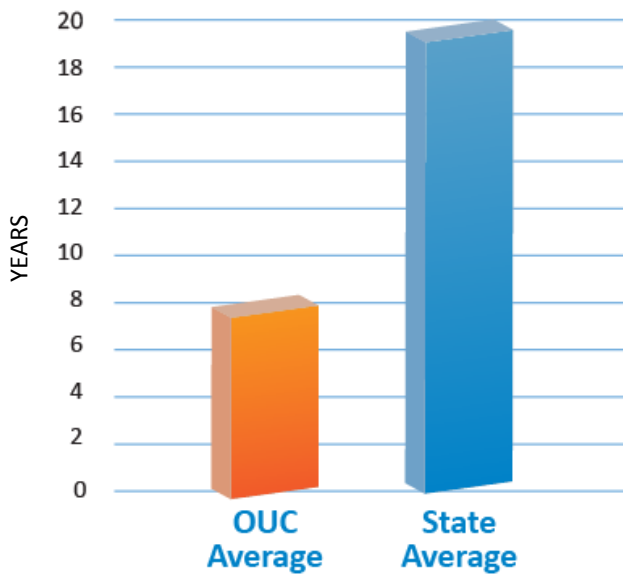
Peak Demand includes reserve margin.

WATER

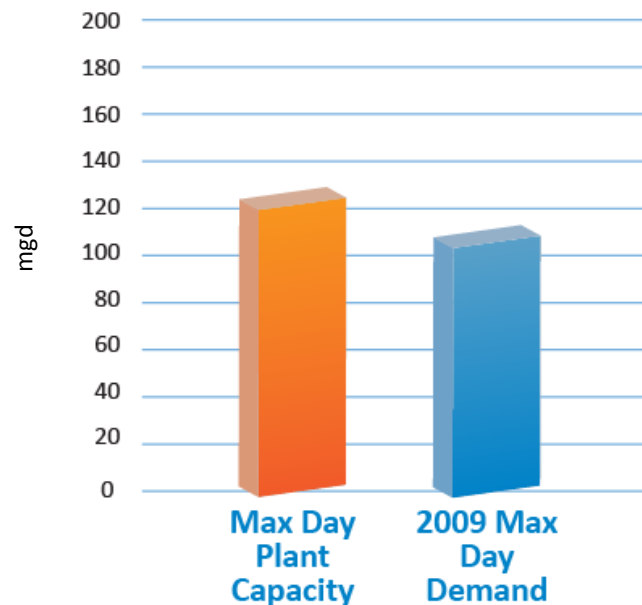
Reliability

Young Water Supply Fleet & Able to Meet Demand

AGE COMPARISON
Water Supply Facility



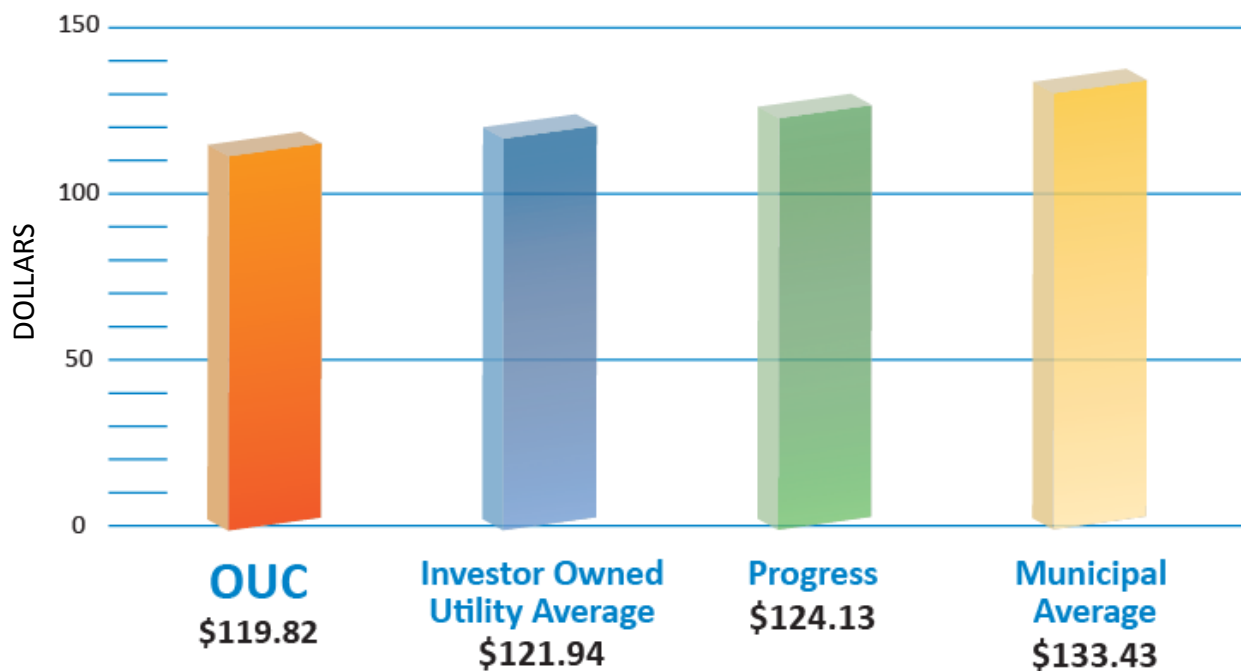
2009 OUC CAPACITY & MAX DAY DEMAND COMPARISON
Water



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Affordability

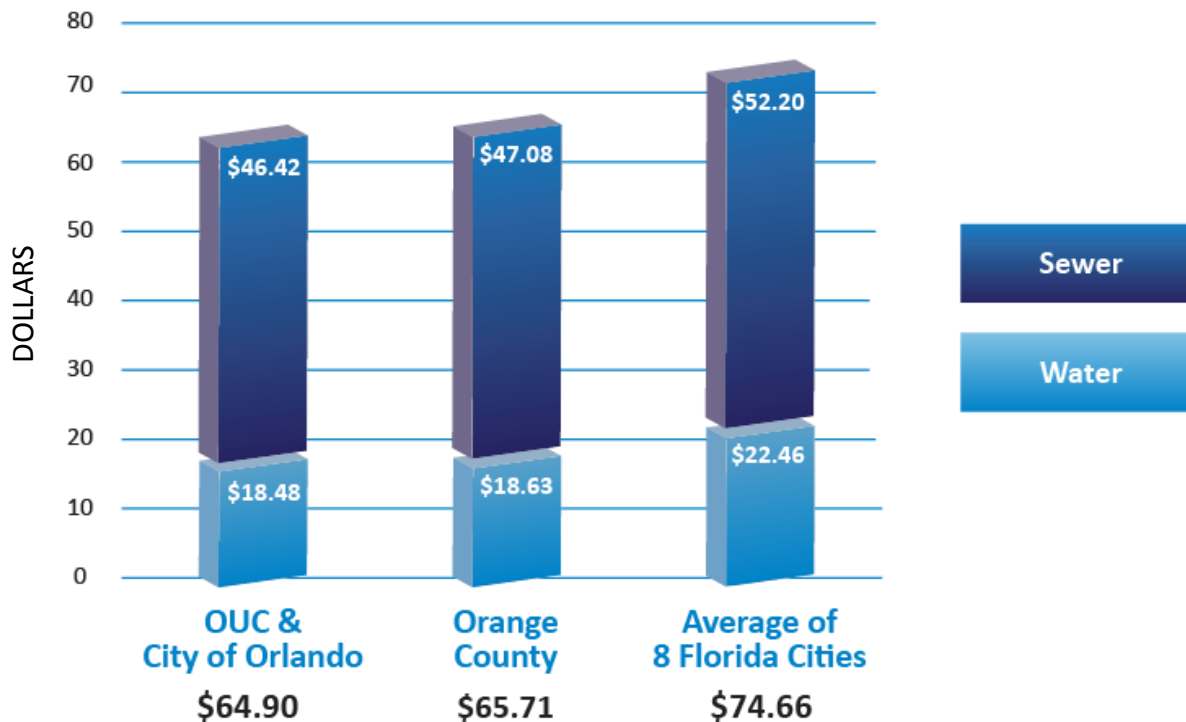
Florida: Residential Bill Comparison per 1,000 kWh



WATER

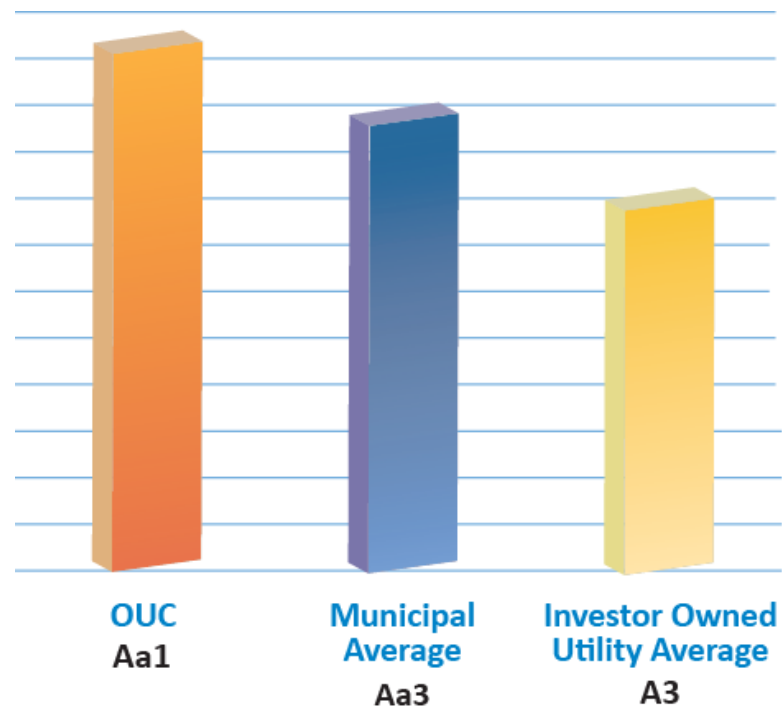
Affordability

Florida: Residential Bill Comparison per 10,000 gallons



Affordability

Florida: Moody's Credit Rating Comparison



Environmental Stewardship

Electric & Water



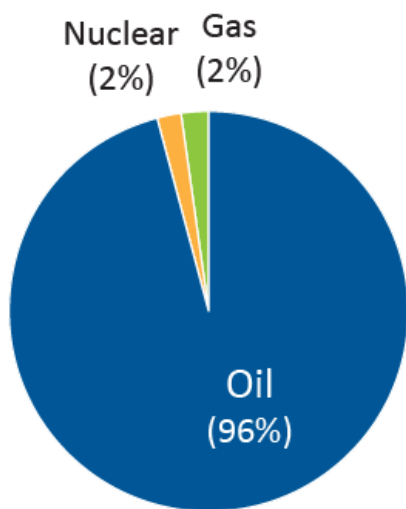
Future Challenges

Changing Energy & Water Policies

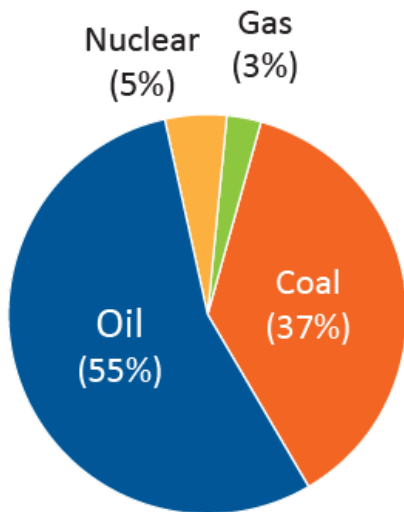
- Energy Policy
 - Energy efficiency and conservation
 - Renewable energy
 - Reduce carbon emissions
- Water Policy
 - Water efficiency and conservation
 - Reclaimed water
 - Alternative water supply
 - Groundwater withdrawal cap

ELECTRIC

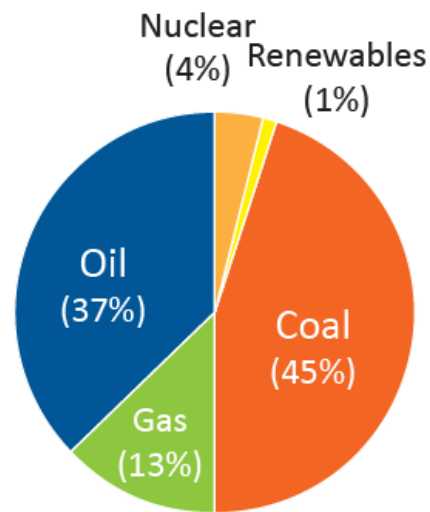
Generation Fuel Diversity



1980



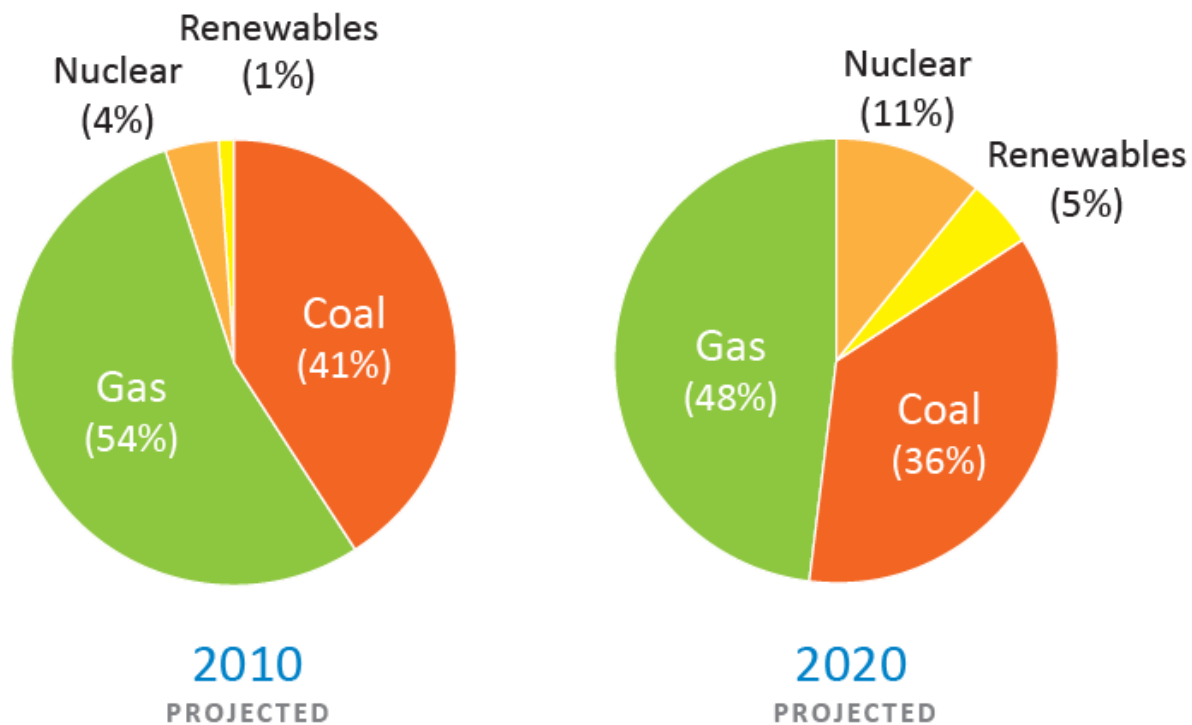
1990



2000

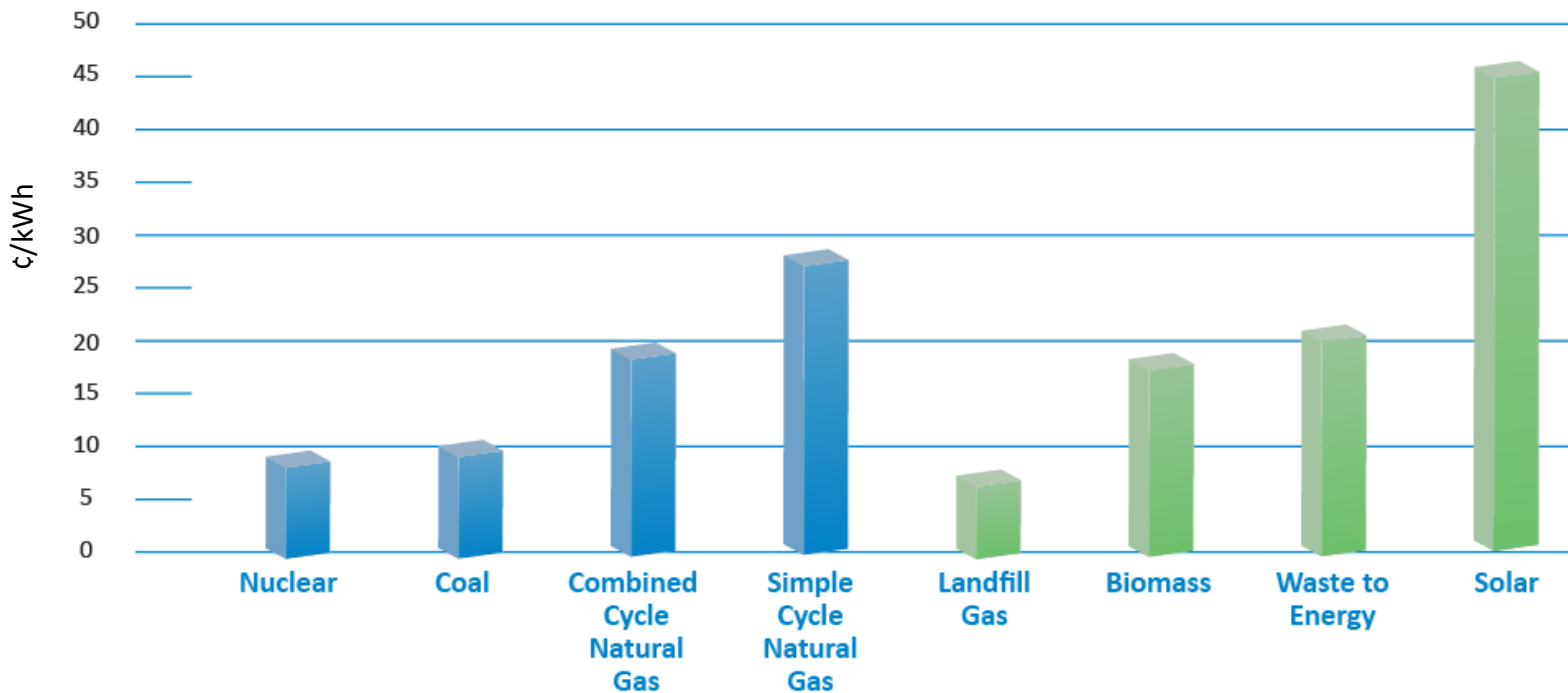
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Generation Fuel Diversity



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Cost of Generation Diversification

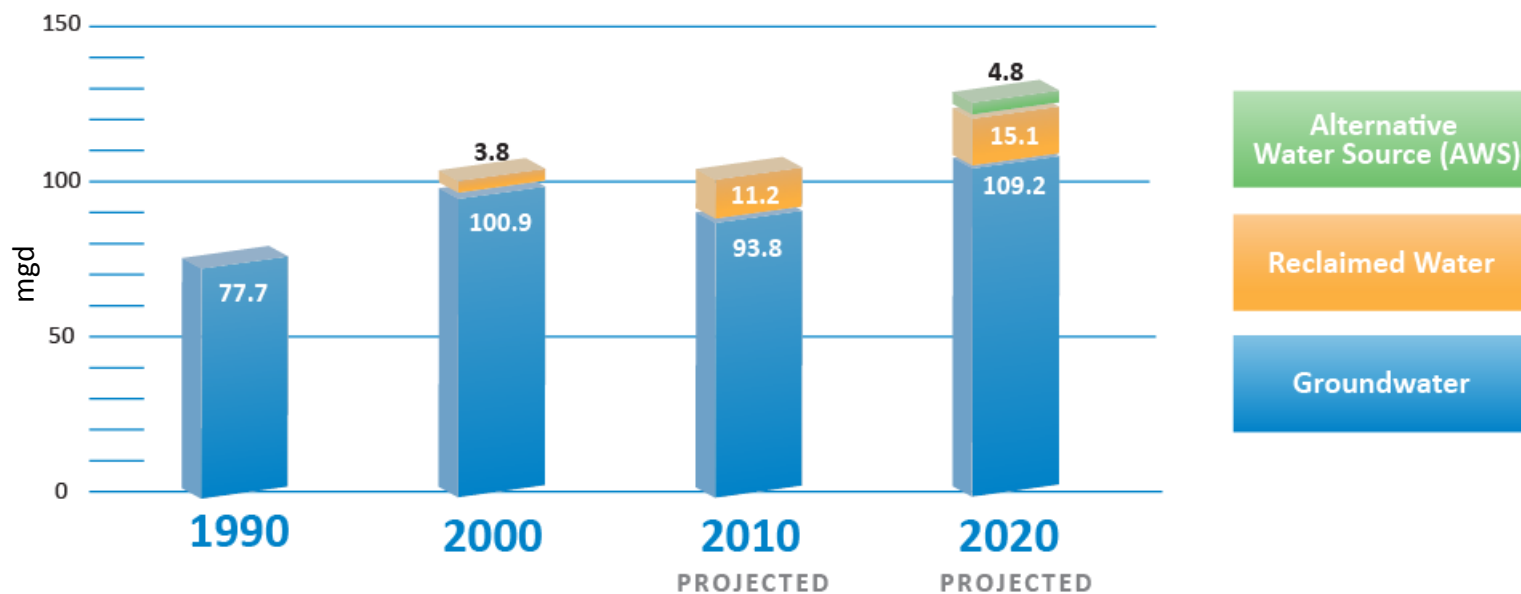


Average Life Cycle Cost

2008 ¢/kWh

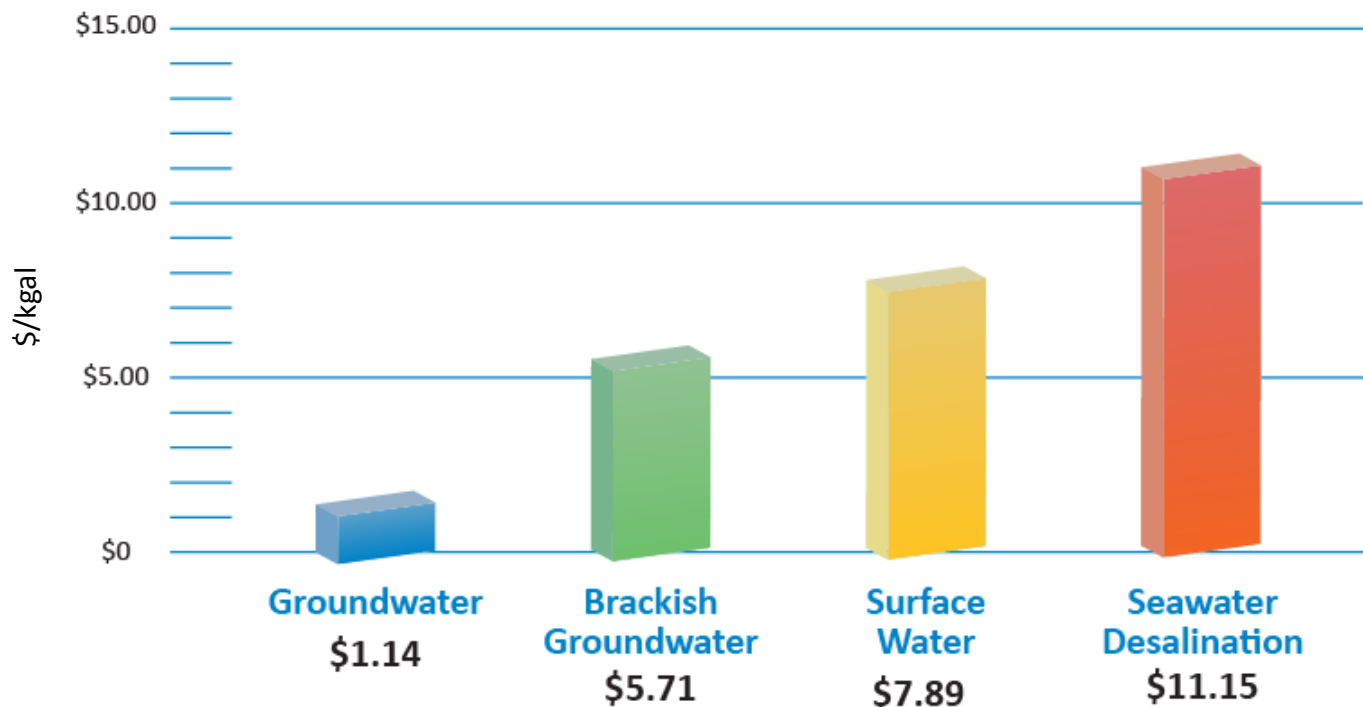
WATER

Water Supply Diversity



WATER

Cost of Water Supply Diversification



Average Life Cycle Cost

2009 \$/kgal

ELECTRIC

Renewable Energy Sources

Three Key Options in Florida

- Landfill Gas
- Solar
- Biomass

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Renewable Energy Sources

Landfill Gas



Existing

- Orange County Landfill Gas Cells used at Stanton Energy Center

Under Development

- Additional Orange County Landfill Cell Expansion

Under Evaluation/Negotiation

- WSI/Holopaw Landfill
- St. Cloud Landfill
- City of Orlando/Orange County Municipal Solid Waste

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Renewable Energy Sources

Solar



Existing

- Reliable Plaza
- Orange County Convention Center
- Solar Panels on Schools
- OUC Pole-mounted Distributed Solar Generation
- Residential & Commercial Rooftop Solar Programs

Under Evaluation/Negotiation

- Stanton Energy Center & Jetport Solar Farm
- Orlando Science Center

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Renewable Energy Sources

Biomass



Under Evaluation/Negotiation

- Harmony Hybrid Solar/Biomass Power Plant
- Algae-based Carbon Capture
 - DOE Project
- Gainesville Regional Utility Biomass Power Plant
- Stanton Energy Center
 - Wood/Coal Fuel Source

Water



- 20-Year Consumptive Use Permit
- Eastern Regional Reclaimed Water Distribution System
- Project RENEW
- Alternative Water Supply
 - St. Johns River/Taylor Creek Reservoir Water Supply Project

Energy & Water Conservation Programs



- Over 20 Residential and Commercial Conservation programs
- Incentives
- Tiered rates
- Information and Education
 - ReliablyGreen.ouc.com
- Advanced Metering Infrastructure Technology

Partnering with the City

Existing Efforts

- Community Energy Efficiency Block Grant
- Central Florida Energy Efficiency Alliance
- City of Orlando Housing Rehabilitation Program (P.O.W.E.R.)
- Solar America City



Opportunities

- Assist renters with energy efficiency

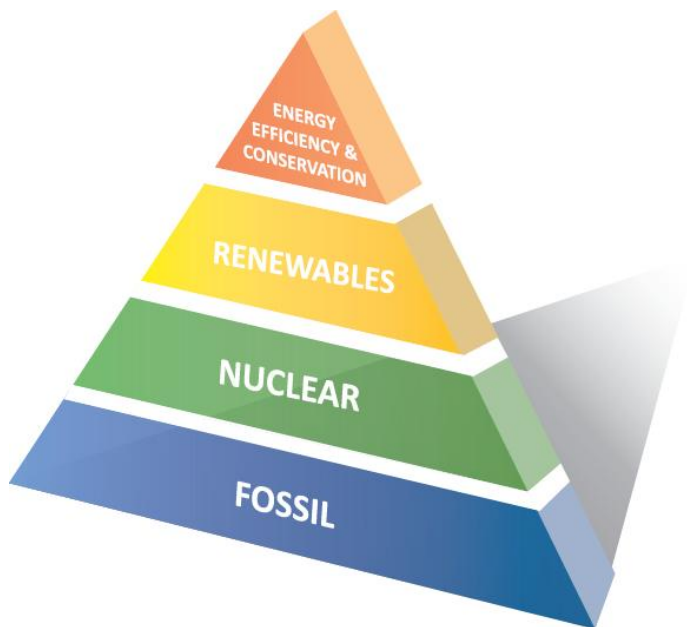
Commitment to Our Community

- Project CARE Utility Assistance Fund - \$500,000 in 2009
- Provided a Caseworker at United Way 2-1-1
- Orlando Science Center Partnership –
Reaching Over 5,000 Fifth Grade Students

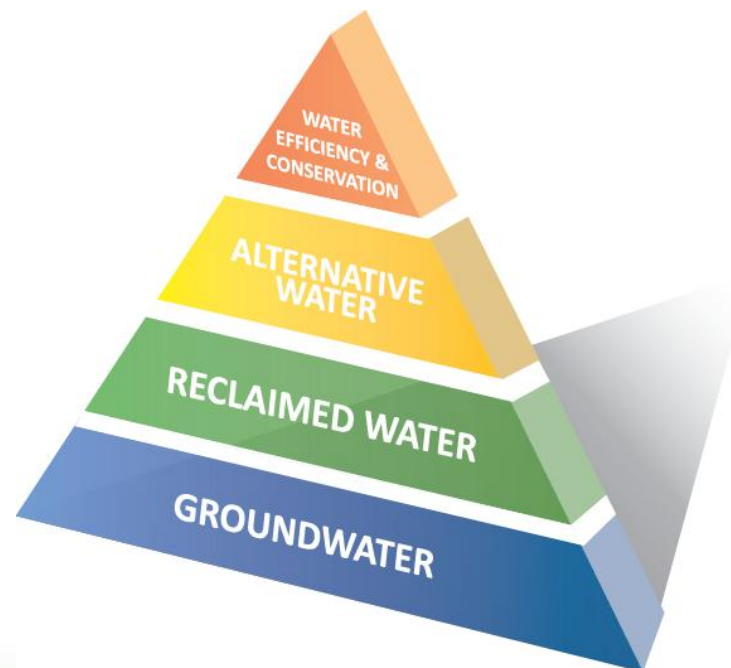


In Summary

ENERGY PYRAMID



WATER PYRAMID



Moving Forward

- Anticipating upward rate pressure
- Implementing OUC Strategic Plan
- Partnering with agencies
- Empowering customers

Thank You.
Questions?