



KIMPTON SHOREBREAK

2900 Riomar St, Fort Lauderdale, FL 33304

Building Activity: Hotel

Payback Period: Months

Carbon Capture: Tons of CO₂ Saved

10

2.23T

MONTHLY AVG WATER CHARGE

\$10,228.01

MONTHLY AVG FEE SAVINGS

\$2,225.05

WATER SAVINGS

21.8%

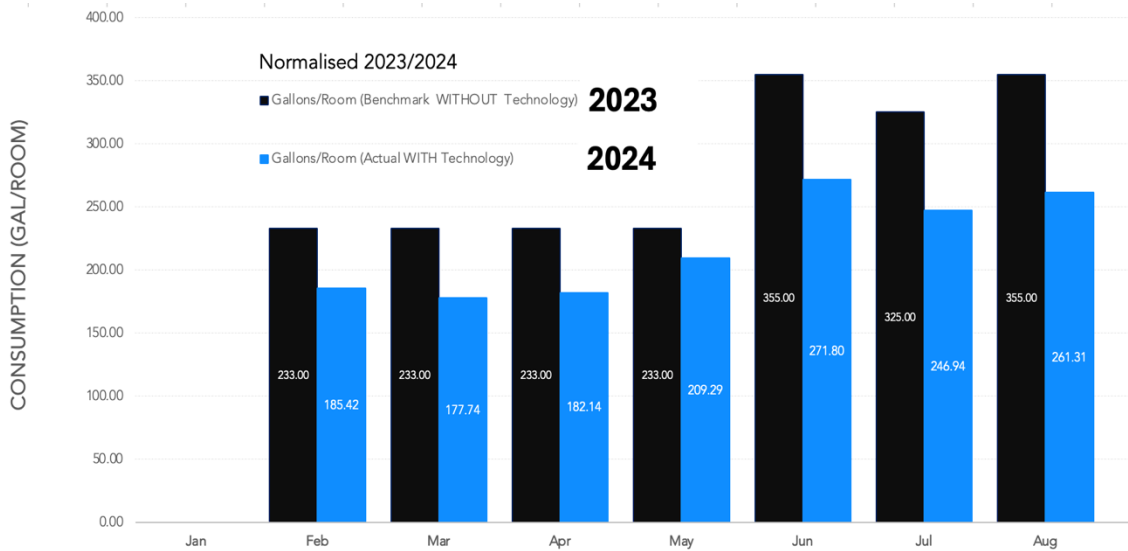
METER SIZES

2" - 4"

TECHNOLOGY STACK

Flow Management: Water Meter Accuracy

TIME SERIES COMPARISON – SINCE TECHNOLOGY



AVERAGE WATER USE REDUCTION %

Benchmark Average Consumption (Gallons)	591,457.29
The Smart Valve Average Consumption (Gallons)	474,416.67
(+) Percentage of Change	20%

Out of respect for the client, please do not attempt to make contact without obtaining permission

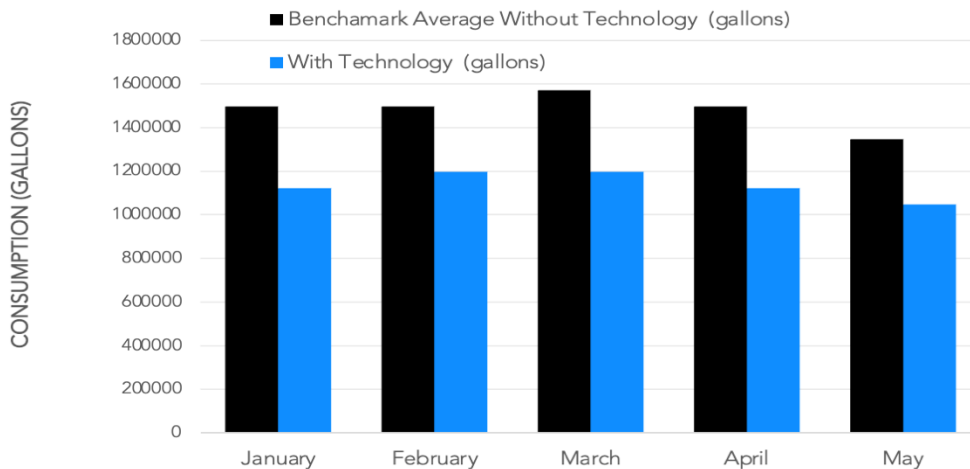


**CLIENT CONFIDENCE**

Client Non-Disclosure Agreement (NDA)

Building Activity: Retail

Payback Period: Months

5Carbon Capture: Tons of CO₂ Saved**2.53T****MONTHLY AVG WATER CHARGE****\$24,315.79****MONTHLY AVG FEE SAVINGS****\$5,511.53****WATER SAVINGS****21.8%****METER SIZES****2" - 4"****TECHNOLOGY STACK****Flow Management: Water Meter Accuracy****TIME SERIES COMPARISON – SINCE TECHNOLOGY****AVERAGE WATER USE REDUCTION %**

Benchmark Average Consumption (Gallons)	1,581,247.13
The Smart Valve Average Consumption (Gallons)	1,244,416.67
(+) Percentage of Change	21%

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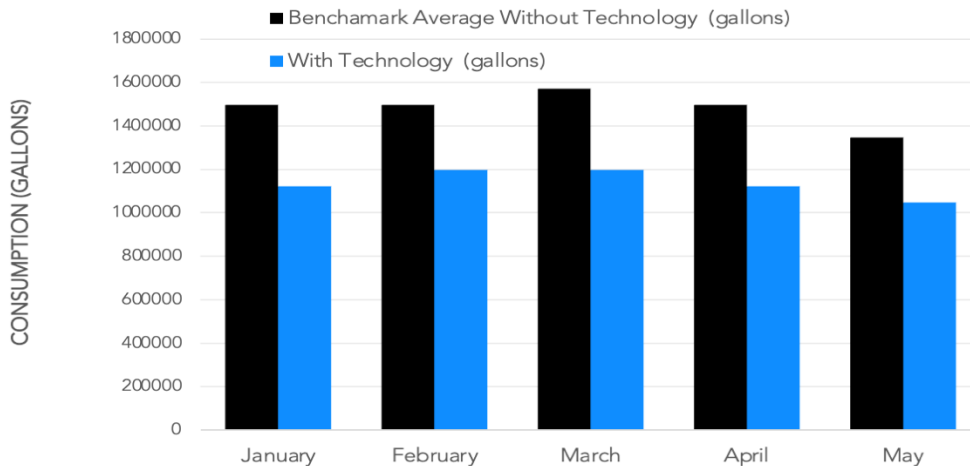
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Payback Period: Months

5

Building Activity: Retail

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CARBON CAPTURE: 2.53T OF CO₂ SAVED

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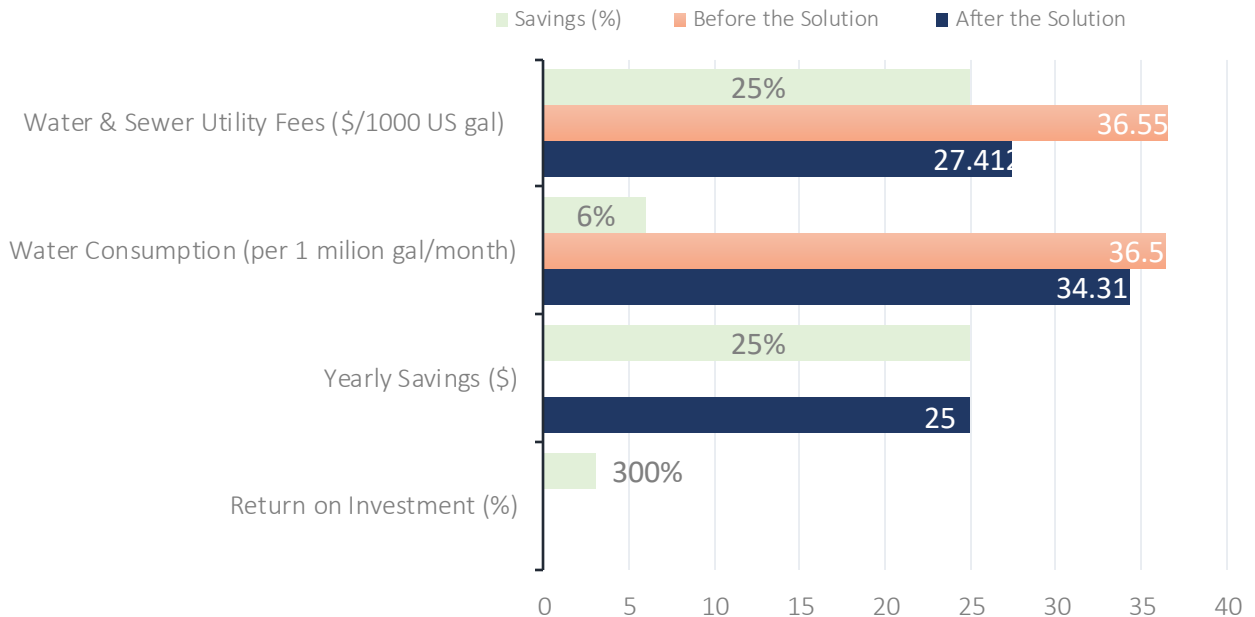
Property Type: Restaurant

Denny's:

Hollywood, Florida, USA

Average Drop

20%



BACKGROUND & PAIN POINTS (2021/1st QTR2023)

- 4 Story building
- \$16,333.00 Avg. (Jan – Mar)
- 897,685 Gal Annually
- 183 Gal/Room

SOLUTION & SUMMARY OF RESULTS (2023)

- 2" Smart Valve at low settings
- ROI - 120%
- Cost per gal: \$0.01820
- Payback 6 months

Expansion across the group (Panna To Go / My Panna)



17.8% water fee savings ↑

637,636 Water Saved ↑

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<https://www.pannatogo.com>



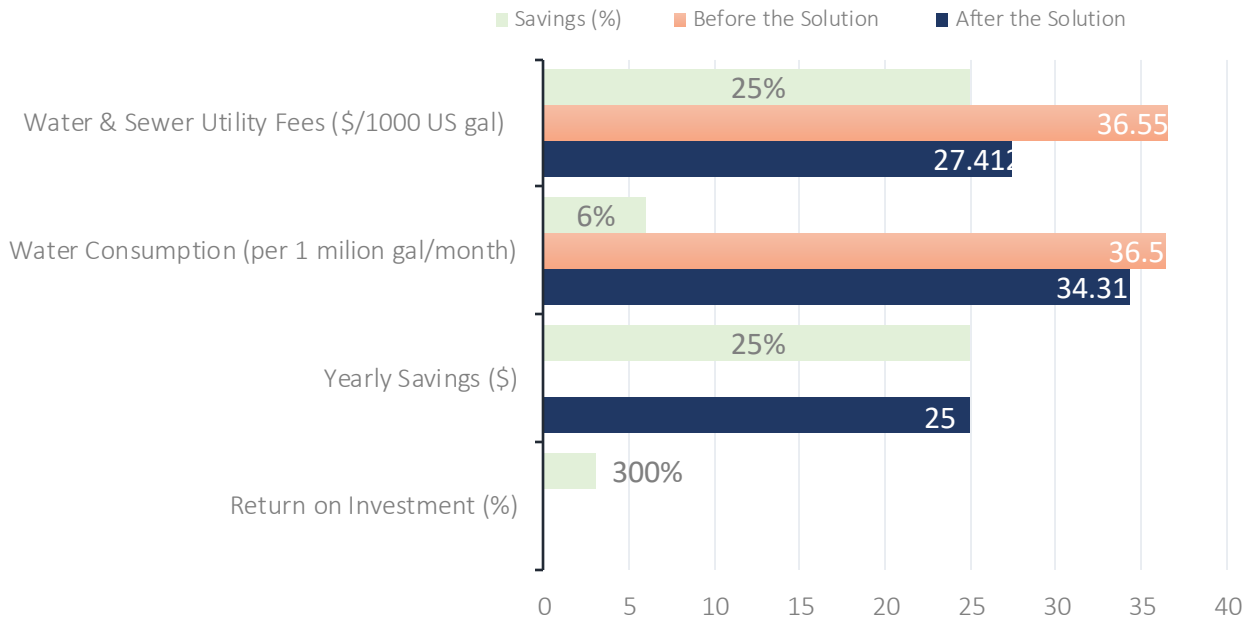
Property Type: Restaurant

Denny's:

Fort Worth, Texas, USA

Average Drop

21%



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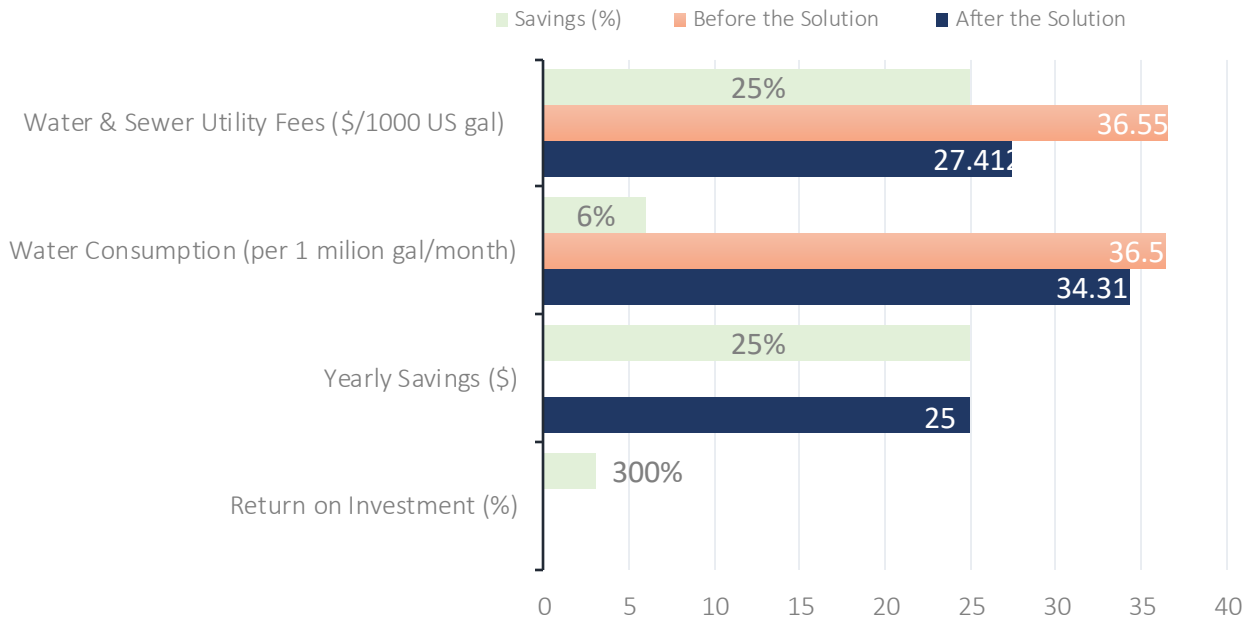
Property Type: Supermarket/Grocer

Average Drop

Fred Meyer:

Oregon, PO, USA

23%



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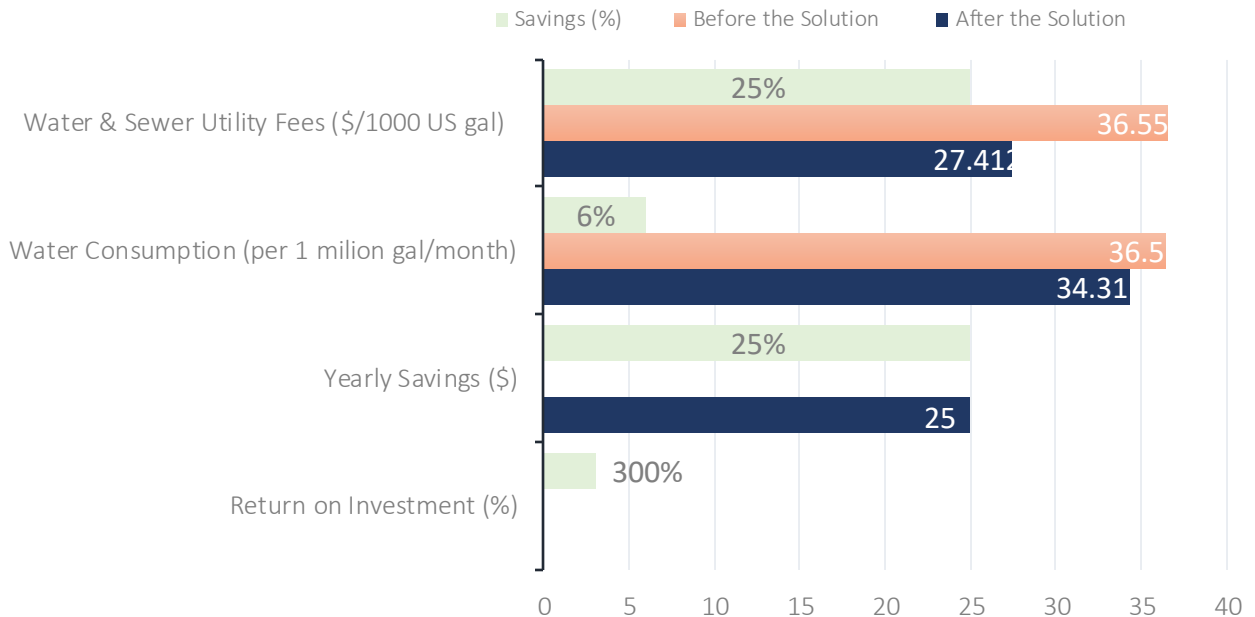
Property Type: Supermarket/Grocer

Average Drop

Kroger:

Cincinnati, OH, USA

25%



BACKGROUND & PAIN POINTS (2021/1st QTR2023)

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- 897,685 Gal Annually
- 183 Gal/Room

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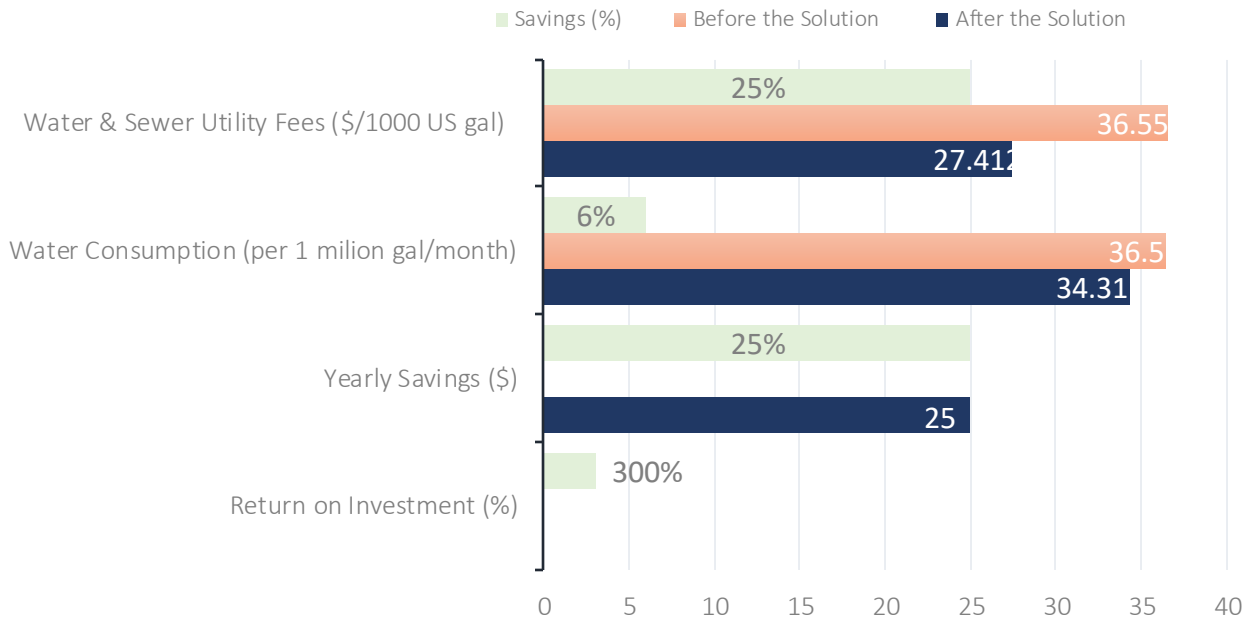
Property Type: Food Manufacturing

Average Drop

Panna 2 Go Express:

North Miami Florida, USA

23.7%



BACKGROUND & PAIN POINTS (2021/1st QTR2023)

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- \$16,333.00 Avg. (Jan – Mar)
- 897,685 Gal Annually
- 183 Gal/Room

SOLUTION & SUMMARY OF RESULTS (2023)

- 2" Smart Valve at low settings
- ROI - 120%
- Cost per gal: \$0.01820
- Payback 6 months

Expansion across the group (Pannatogo/my Panna)



17.8% water fee savings ↑

637,636 Water Saved ↑

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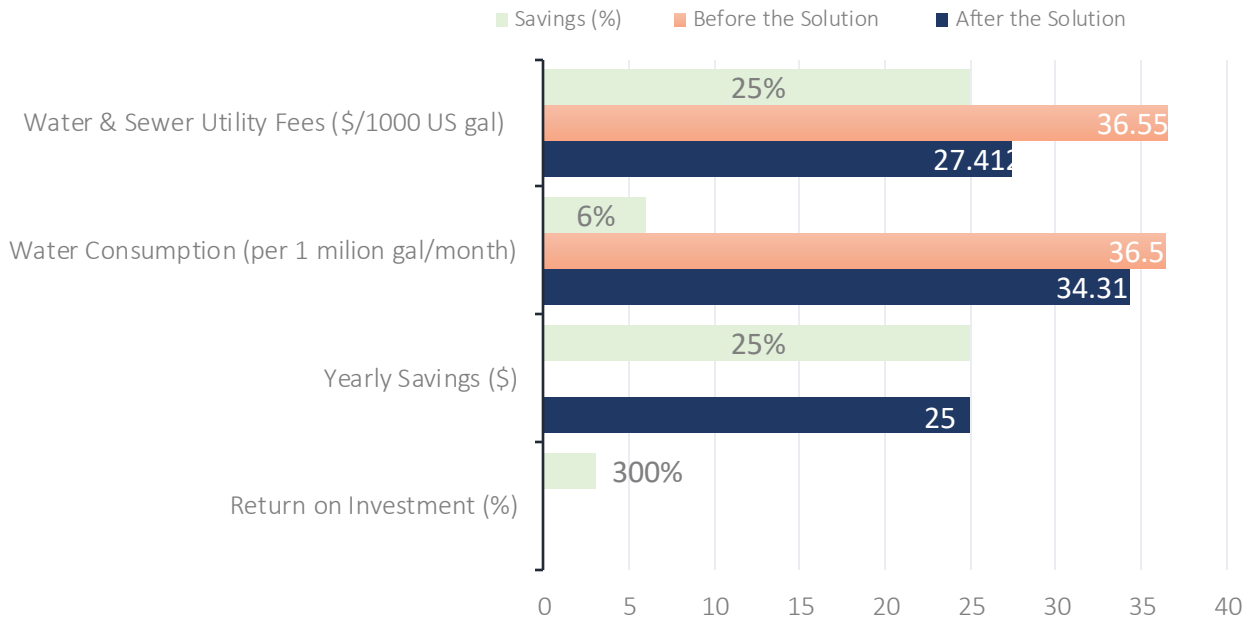
Property Type: Office Building | REIT

SL Green Realty Corp:

Manhattan, NY, USA

Average Drop

23.9%



BACKGROUND & PAIN POINTS (2022/1st QTR2023)

- 4 Story building
- \$16,333.00 Avg. (Jan – Mar)
- 897,685 Gal Annually
- 183 Gal/Room

SOLUTION & SUMMARY OF RESULTS (2023)

- 6" Smart Valve at low settings
- ROI - 120%
- Cost per gal: \$0.01820
- Payback 6 months

Expansion across the group (ADI Global) | [GALLERY](#)



17.8% water fee savings ↑

637,636 Water Saved ↑

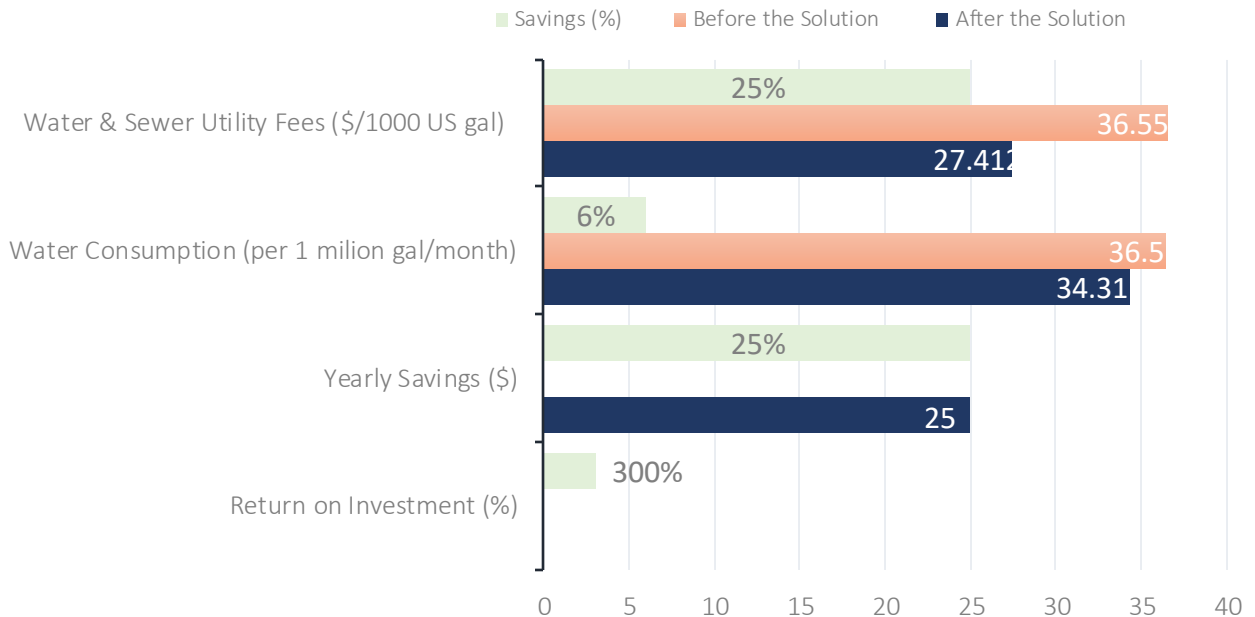
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<https://hipalmbeachairport.com>

**Property Type:****Hotel**

Even Miami:

Miami Florida, USA

Average Drop**10.8%****BACKGROUND & PAIN POINTS (2022/1st QTR2023)**

- 4 Story building
- \$16,333.00 Avg. (Jan – Mar)
- 897,685 Gal Annually
- 183 Gal/Room

SOLUTION & SUMMARY OF RESULTS (2023)

- 4" Smart Valve at low settings
- Cost per gal: \$0.01820
- ROI - 120%
- Payback 6 months

Expansion across the group (ADI Global)

17.8% water fee savings ↑

637,636 Water Saved ↑

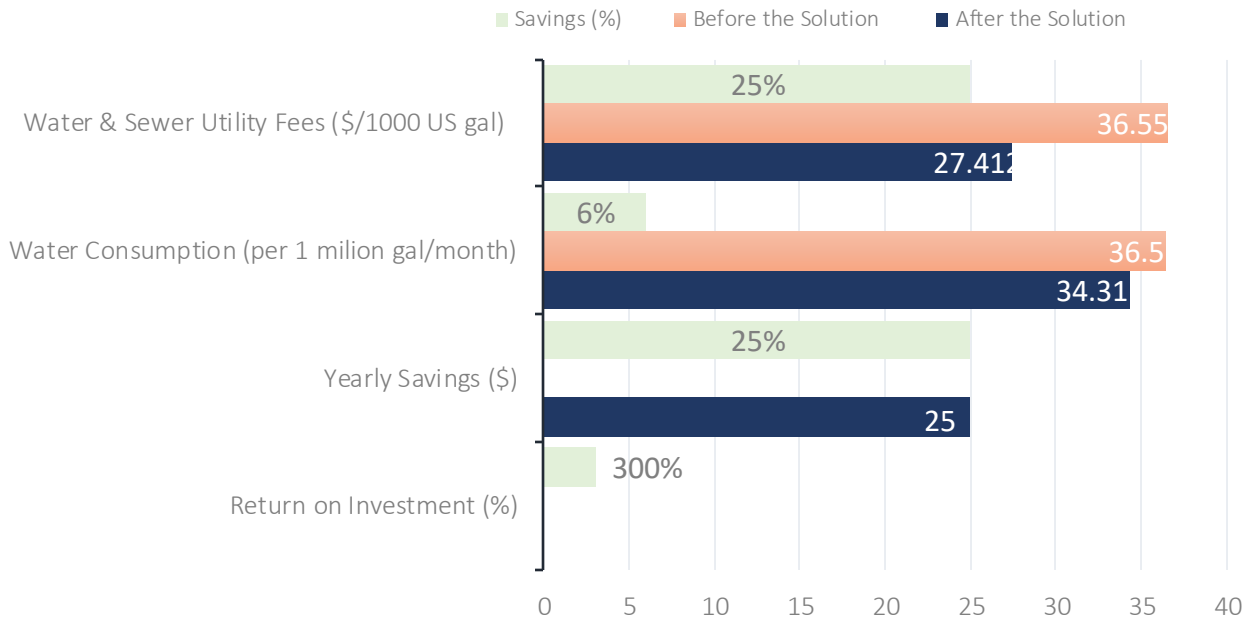
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**Property Type:****Hotel**

Holiday Inn:

West Palm Beach Florida, USA

Average Drop**17.8%****BACKGROUND & PAIN POINTS (2022/1st QTR 2023)**

- 4 Story building
- \$16,333.00 Avg. (Jan – Mar)
- 897,685 Gal Annually
- 183 Gal/Room

SOLUTION & SUMMARY OF RESULTS (2023)

- 4" Smart Valve at low settings
- Cost per gal: \$0.01820
- ROI - 120%
- Payback 6 months

Expansion across the group (ADI Global)

17.8% water fee savings ↑

637,636 Water Saved ↑

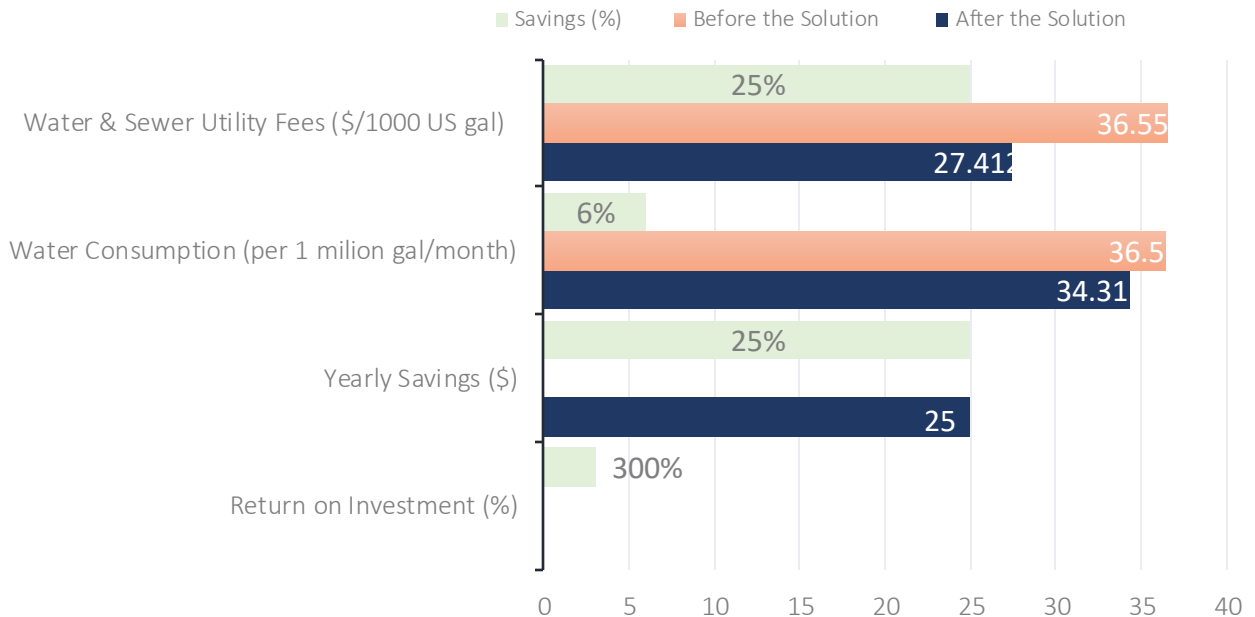
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**Property Type:****Hotel**

Sandals Beach Resorts:

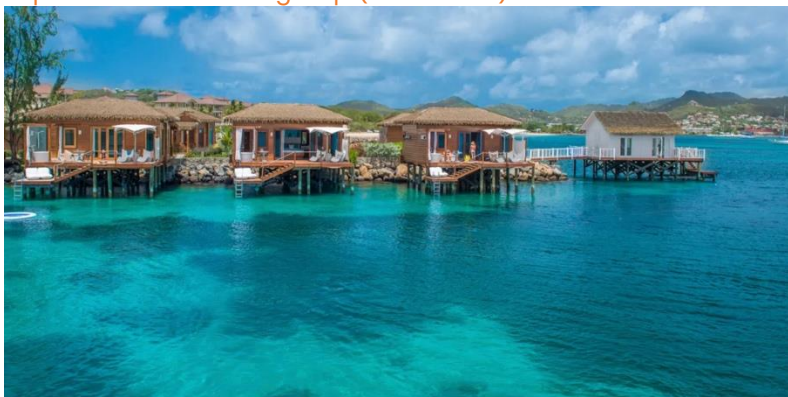
Halcyon, Castries, St. Lucia

Average Drop**17.8%****BACKGROUND & PAIN POINTS (2022/1st QTR 2023)**

- 4 Story building
- \$16,333.00 Avg. (Jan – Mar)
- > 897,685 Gal Annually
- 183 Gal/Room

SOLUTION & SUMMARY OF RESULTS (2023)

- Smart Valve at low settings
- Cost per gal: \$0.01820
- ROI - 120%
- Payback 6 months

Expansion across the group (ADI Global)

17.8% water fee savings ↑

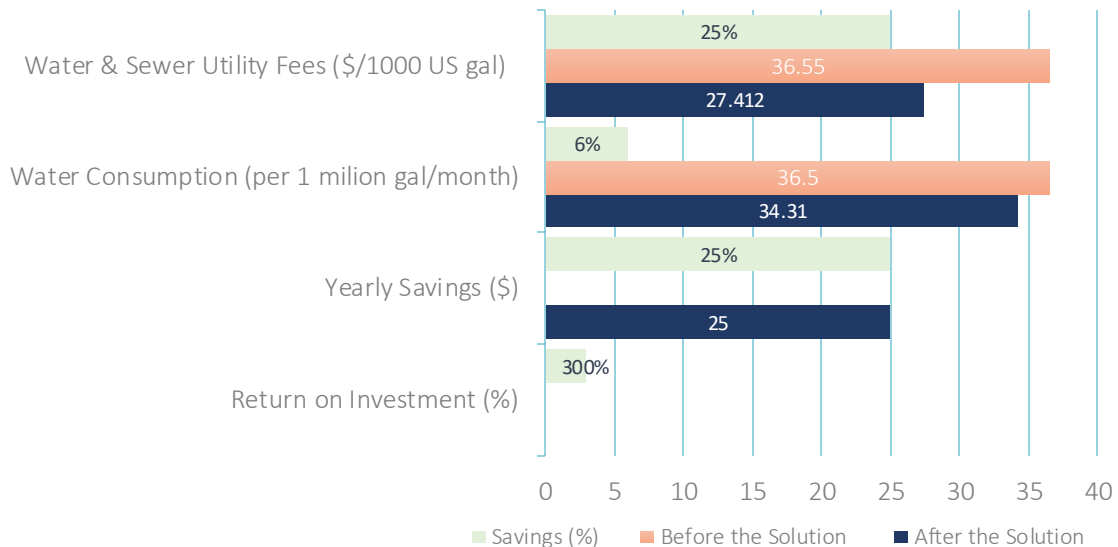
637,636 Water Saved ↑

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Sandals Smart Valve™ Solutions: St. Lucia,



BACKGROUND & PAIN POINTS

Located in the eastern Caribbean waters, Sandals is a 5-star Hotel & Resort, renowned as a gem in the industry. One of its prominent locations is Sandals Regency La Toc, in St. Lucia, with 331 rooms, which attracts over 1 million tourists annually. It is worth noting that the cost of water in St. Lucia is among the highest per gallon in the world, a common trend across the Caribbean islands. Given the significant volume of water consumed each year (122,000 US gallons per day), Sandals sought a solution to reduce its monthly water burden and overall expenses while maintaining its unparalleled prestige and commitment to providing the finest luxury experiences worldwide and reaches its ESG goals.

SOLUTION & SUMMARY OF RESULTS (2022-2023)

The executive team at Sandals was introduced to the smart water management solutions provided by Water Solutions Technology and Flow Dynamics, including the patented Smart Valve™, to be implemented across the Sandals portfolio. Mr. Brian Rafferty, the group director of engineering, and Mr. Fred Faure, the corporate manager of engineering, played an integral role in facilitating cross-functional knowledge transfer for the Smart Valve. The Water Solutions Technology team, in alignment with Sandals' ESG goals and environmental stewardship, implemented a 4" Smart Valve fitting unit tailored to meet the operational requirements. This initiative resulted in significant savings over a 12-month period for the Regency location, with the new cost per gallon, per day, per room, dropping by 25% from \$36.55 to \$27.41 per 1000 US gallons.

Expansion across the group



25% water fee savings ↑

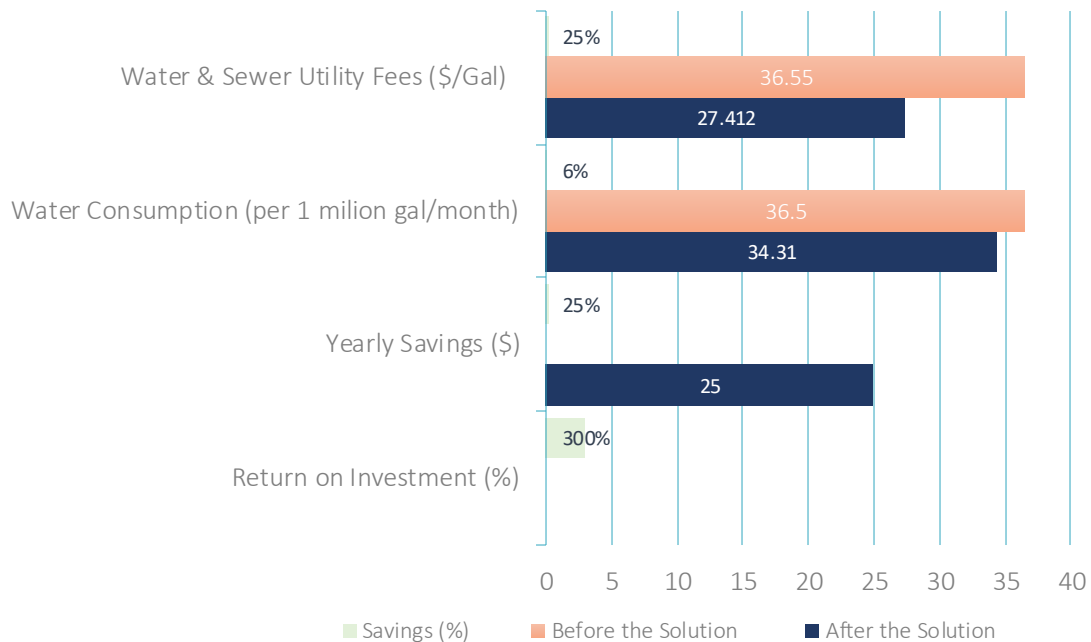
6% water use savings ↑

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SOLUTION & SUMMARY OF RESULTS (2022-2023)

The Executive Team at Sandals was introduced to the smart water management solutions provided by Water Solutions Technology and Flow Dynamics – to include the patented Smart Valve™ across the Sandals portfolio. The Group Director of Engineering, Mr. Brian Rafferty, and Corporate Manager of Engineering, Mr. Fred Faure, was integral in cross functional knowledge transfer for the smart valve. The Water Solutions Technology team through meeting and undersigning of Sandals ESG goals and environmental stewardship, implemented a 4" smart valve fitting unit based on the operational requirements. This resulted in significant savings over 12 months. New cost per gallon per day per room dropped by 25%. i.e., from \$36.55 to \$27.41 per 1000 US gal.

Expansion across the group



25% water fee savings ↑

6% water use savings ↑

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