

SAVINGS, SAFETY & SUSTAINABILITY

How Capture H₂O helped Energy Center San Diego boost all three

Energy Center San Diego provides chilled water for cooling more than 3.2 million square feet of space used by commercial, industrial, hospitality, retail, and government clients in downtown San Diego, California.

PROBLEM...

The site was relying on traditional chemical water treatment methods including the use of dangerous sulfuric acid to lower the pH. This program can put workers at risk, wastes millions of gallons of water, and bloats budgets.

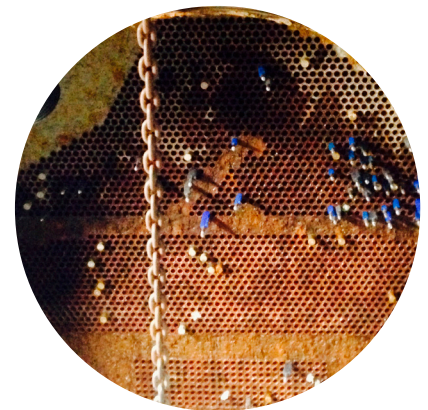
What's more, the overall effectiveness of the program was lacking. There was visible scale on their equipment, which inhibits heat transfer and raises electricity costs. Harsh chemicals caused hazardous leaks in tubing and rusted the metal enclosures used to house the cooling equipment.

It was clear they needed a better way to handle their cooling and heating water treatment, and they found one with Capture H₂O.

SOLUTION...

Treating Water Without Harsh Chemicals

Capture H₂O's High Cycle System is a patented program that uses dual alternating high efficiency softeners and the natural chemistry of the water to provide world class scale, corrosion and bacteria control. Coupled with a high level of service and wireless monitoring, the system drastically improves water treatment processes.



BEFORE



AFTER

Since 2012 Energy Center San Diego has invested a total of \$120,000 in the patented Capture H₂O High Cycle System. With high-efficiency softeners installed on the makeup water line to the nine cooling towers the organization was able to raise the cycles of concentration and increase their efficiency.

It's clear that upgrading their aging and unreliable infrastructure to a modern water treatment system from Capture H₂O was the right move for Energy Center San Diego's process, people, and budget. With millions of gallons of water saved every year, it's also helped them become a leader in sustainability in San Diego's business community.

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"The Capture H₂O High Cycle program has improved the efficiency of our chillers and made our site safer by removing the need for sulfuric acid. Every site should consider adopting this program."

- DAVID TAMISIEA, LEAD OPERATOR
ENERGY CENTER SAN DIEGO

Capture H₂O's High Cycle System drastically improves water treatment processes



CAPTURE
H₂O

Find out how Capture H₂O can help your business shift to a more sustainable, cost-effective water treatment program at captureh2o.com

CAPTURE H₂O HAS HELPED ENERGY CENTER SAN DIEGO:

**SAVE
26 MILLION**

GALLONS OF WATER
SINCE 2017

**SAVE 9.8
MILLION**

GALLONS JUST IN 2021

**SAVE
\$83,000**

IN 2021

**SEE A
69% IRR**

ON WATER SAVINGS
ALONE IN 2021

ELIMINATE

USE OF SULFURIC ACID

**PROVIDE
WORLD
CLASS**

SCALE, CORROSION AND
BACTERIA CONTROL