



Water Recycling Solutions for Data Centers

\$98B

Projects blocked or
delayed by water
opposition since 2024

40%

Contested projects
cite water use as
reason #1

4x

Increase in
cancellations year
over year since 2018

Data centers have a water problem. Here's how we're solving it.

Water use is now the number one cited reason for local opposition to data center projects. At least [25 projects were publicly cancelled in 2025 alone](#), 4x the prior year, representing 4.7 gigawatts of lost capacity. The real number is almost certainly higher. Communities aren't just pushing back: they're stopping capacity from being built due to water shortages.

Epic Cleantec's OneWater™ system turns that liability into a community asset, sourcing non-potable water for data center cooling from nearby buildings' greywater and blackwater sources, reducing or eliminating the draw on shared potable supplies.

[>> Request a Data Center Assessment](#)

Recent Wins: How Companies are Implementing Reuse

Google: Douglas County, Georgia

This Google campus is one of the industry's first adopters of recycled industrial water for server cooling. The system draws treated effluent from the local water authority — water that would otherwise be discharged into the Chattahoochee River — further treats it, and pipes it to the data center. Any water that doesn't evaporate is treated again before being returned. The impact is significant: of the 422 million gallons withdrawn at the site, only 13.2 million gallons were potable water.

Amazon Web Services: Loudoun County, Virginia

In 2020, Amazon became the first data center operator approved to use reclaimed water with direct evaporative cooling technology through a partnership with Loudoun Water in Virginia. Compared to traditional cooling, the approach uses up to 85% less water. AWS is expected to preserve over 530 million gallons of drinking water annually, and the company is already 75% of the way toward its broader goal of returning more water to communities than it uses.

Microsoft: Quincy, Washington

Microsoft built a water reuse utility that cuts potable water use by 97% and returns around 396 billion gallons annually for community use. The project is part of a broader commitment to water positivity by 2030, with Microsoft expanding the use of recycled water across sites in Texas, Washington, California, and Singapore.

Water Reuse: A Nature & Community-Centered Alternative

1

Source water from nearby buildings. Route treated greywater or blackwater from adjacent commercial or multifamily buildings directly into your cooling towers. No new draw on the community's potable supply, and avoided cost to pipe potable water or recycled water from a central plant.

2

Deploy across your watershed. No adjacent source? Epic deploys [OneWater™ Systems](#) at buildings within your watershed, building a distributed, verifiable supply portfolio.

3

Earn net positive water designation. Both pathways generate quantifiable water savings that support your community's water balance and satisfy sustainability certification partners of your choice (LBC, BREEAM, LEED, GBI, WELL, Fitwel).

4

Communities will welcome you as a true partner. Nearby buildings save on water and sewer bills. The community retains its potable supply. The watershed's ecology is protected. Data centers get built. Everyone wins.

How It Works: Building Wastewater to Data Center Cooling



Epic provides end-to-end design, permitting, installation, and [operations](#), a true turnkey solution with [DBOOM](#) (Design, Build, Own, Operate & Maintain) options available with a performance guarantee and zero tolerance for downtime, built for always-on infrastructure.

Scalable Success

Epic operates the **largest onsite blackwater reuse system in a U.S. commercial building** at Salesforce Tower in San Francisco, processing up to 30,000 gallons daily and saving 7.8 million gallons of freshwater per year — comparable in scale to 1 MW data center projects targeting 0.2 WUE in cooler climates.

[>> Learn More](#)

Recognized by **TIME** as a top GreenTech company and named an **Inc.** Best in Business company.

Received the **USGBC California Award for Water** at Salesforce Tower, alongside Salesforce and Boston Properties, in 2025.

Designed for **Resilient** Infrastructure



Performance guarantee

Contractual water delivery commitments



24/7 monitoring

Real-time system oversight, zero unplanned downtime



Regulatory compliance

We navigate evolving permitting and regulatory landscapes



Flexible financing

No upfront capital required; fees tied to system performance



Scalable from day one

Systems from 1,000 to 30,000+ GPD; watershed-wide rollout available

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Sources: Heatmap News, Jan 2026 | Data Center Watch, May-Jun 2025 | KUT Radio, Feb 2026 | Austin NPR, Feb 2026

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