QTS Environmental Stewardship

SUSTAINABILITY EFFORTS

We practice being responsible stewards of the environment through implementing our water-free cooling system across all our new data centers, our carbon reduction efforts, our commitment to clean energy, and our environmentally-focused engagement efforts in every community in which we live, work and operate.

QTS COMMITMENT

At QTS, we believe how we deliver our data center services is just as important as what we deliver. We make sustainable choices across all aspects of our operations.

- **Transparency**
  We share our sustainable practices and show our progress with measurable objectives.
- **Operational Efficiency**
  We drive data center efficiency through innovation and reduce our greenhouse gas emissions.
- **Community Leadership**
  We support local sustainability legislation and inspire our employees to be responsible stewards.
- **Carbon-Free Energy Sourcing**
  We work to source energy from carbon-free sources.
- **Water Conservation**
  We reduce water usage and track Water Utilization Effectiveness (WUE) for ongoing improvement.

Our ability to make significant strides in energy efficiency and sustainable practices is a testament to our investments in clean energy procurement, sustainability reporting transparency, and advanced data center design and systems.

WATER-FREE COOLING SYSTEM

The QTS Freedom Design is a best-in-class standardized data center model implemented across all our new data centers. The design employs a low-pressure pumped refrigerant system to remove heat without using water.

The QTS water-free cooling system saves more than 48 million gallons of water annually per data center – the equivalent of water use from more than 2,200 U.S. homes per year[1].

Because the cooling system does not consume water, QTS Freedom Design data centers deliver a Water Usage Effectiveness (WUE) of 0. WUE is the most relevant metric for measuring water use and conservation in the data center industry.

As our go-forward plan for new data center builds, we will continue to use our water-free cooling system to improve water conservation in every community in which we operate.

1. Blackstone Real Estate Income Trust, 2022 ESG Highlights

WATER CONSERVATION THROUGH A CARBON-FREE ENERGY STRATEGY

QTS's commitment to sourcing carbon-free energy also reinforces our water-reduction strategy, as the wind and solar energy sources we use do not utilize water to produce electricity. QTS has signed long-term contracts for solar- and wind-generated energy in multiple states, including Texas, Illinois, New Jersey and Georgia.

We also conduct diligent field testing and reporting to establish best-in-class erosion controls and storm water mitigation techniques.

TREE REPLACEMENT PROGRAM

Our Tree Replacement Program aims to replant more trees than are cleared during the construction of our data centers. By replacing the trees, we are minimizing the impact on the community and protecting the natural environment to support the entire ecosystem.

At our Fayetteville, Georgia data center campus under development, QTS is partnering with Southern Conservation Trust, a Georgia-based 501(c)(3) public charity, to plant more than 12,000 native tree species in the region. The initiative will sustain and grow resources by planting more trees locally than are cleared during data center construction.

One Tree Planted
Our partnership with One Tree Planted fosters a greener planet by combating deforestation, mitigating climate change, and promoting biodiversity through global tree planting and restoration efforts. QTS plants one tree per month for every 100kW that a customer signs with us. Since late 2019, more than 260,000 trees have been planted.

Our QTS Sustainability Report is available here:
qtsdatacenters.com/sustainability

Questions? For questions or to request more information, please contact media@qtsdatacenters.com.