

DATA CENTER CONSTRUCTION

RESPONSIBLE DATA CENTER CONSTRUCTION FOR A SUSTAINABLE FUTURE

As demand for digital infrastructure continues to grow, so does the need for responsible data center construction that considers not only speed and scale but also long-term environmental and community impacts.

A commitment to environmental stewardship and community well-being is at the heart of the McCarthy® Building Companies, Inc. (McCarthy) sustainability approach.

We believe being the best builder means being a responsible builder. This means making thoughtful decisions about where we build, whom we build for, and how projects impact surrounding communities.

IMPACT. PEOPLE. ENERGY

Our role as a community-based builder with national expertise shapes our mission-critical work. We recognize that every project has a local footprint and a long-term relationship with the surrounding community.

Responsible data center construction means helping ensure projects are selected, planned and delivered in ways that reflect both community needs and client values. We seek to align with clients that view sustainability as part of long-term project success, because our goal is to be a collaborative, trusted partner whose work supports their priorities while reducing risk and strengthening outcomes.

Our sustainability approach is grounded in three priorities: impact, people and energy. In practice, that means evaluating how project decisions influence resource use, community trust and long-term operational performance.

By embedding sustainability early, we can help align project execution with client commitments, reporting expectations and practical construction realities before those issues become downstream constraints. This approach supports sustainability goals without sacrificing budget, schedule, constructability or reliability.

 **COMMUNITY:** Strengthens long-term community relationships by considering local impacts early in the project planning process.

 **ENVIRONMENTAL:** Reduces demand for natural resources through thoughtful project decisions and technology selection.

 **PROJECT CONFIDENCE:** Aligning sustainability goals with project planning early helps to reduce risk, avoid downstream constraints and support smoother delivery

 **RELIABLE DELIVERY:** Advances sustainability priorities while maintaining focus on budget, schedule, constructability and long-term facility performance.

BUILDING FOR LONG-TERM VALUE

Responsible data center construction is ultimately about building more than capacity. It is about building trust, resilience and long-term value. By partnering with clients whose values align with ours and by helping to incorporate technologies that reduce environmental burden and respect community resources, McCarthy can deliver mission-critical projects that are not only high-performing but also responsibly built to support the future of digital infrastructure and the communities it serves.

VANTAGE WATER STEWARDSHIP

For McCarthy, projects like Vantage Data Centers' Wisconsin campus demonstrate how responsible project delivery extends beyond construction to solutions that align facility performance with community impact. The campus is a strong example of how a client can reduce ongoing demands on local resources through thoughtful technology selection.

- Uses **closed-loop cooling systems** that recirculate water through sealed piping, avoiding the daily discharge associated with many evaporative cooling approaches.
- **Reduces water usage by 90%** compared with traditional data center cooling methods, such as evaporative cooling.
- **Limits peak daily water use** to ~ 22,000 **gallons**, compared with 5,000,000 gallons per day for a campus of similar scale using evaporative cooling.
- **Helps balance energy efficiency and water stewardship** while reducing strain on local infrastructure.
- **Supports responsible growth** in the communities where Vantage operates by aligning facility performance with local impact.