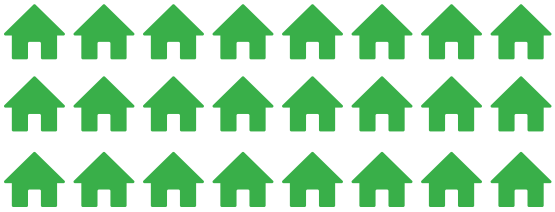
LARGE DATA CENTER DEVELOPMENT

FACT SHEET: WATER

8,000 GALLONS PER DAY – ROUGHLY THE AMOUNT OF WATER USED BY 100 PEOPLE IN A DAY

Microsoft Data Center (Mount Pleasant, WI) water usage for the year.



WATER USAGE WILL BE LESS THAN A RESIDENTIAL NEIGHBORHOOD OF THE SAME FOOTPRINT BECAUSE THE FACILITY WILL BE AIR-COOLED.

(Proposed Data Center, Pine Island, MN)

Today's facilities use technology employing closed-loop systems, which reuse water rather than discharge it. This minimizes waste and environmental impact, making the cooling process highly sustainable.

A WISCONSIN GOLF COURSE CAN CONSUME MORE WATER IN ONE WEEK THAN LARGE DATA CENTERS DO IN AN ENTIRE YEAR.

BOTTOM LINE

Large data centers are designed with water efficiency and environmental responsibility in mind. Through the use of advanced cooling technologies, seasonal water use, closed-loop technology, and air-cooling they maintain a minimal water footprint. When compared to other industries and facilities, their impact on local water supplies is much less significant, reinforcing their role in sustainable infrastructure development.