

# GREEN DATA CENTER



Cyxtera Technologies is committed to our customers, partners and employees to ensure we are offering the best of breed solutions as well as globally responsible products and services. In support of that goal, Cyxtera is working to ensure all data centers have a roadmap to reduce their carbon footprint and exceed regulatory requests to reduce emissions and utilize green sustainable resources. To meet that goal Cyxtera has committed to the following programs in pursuit of sustainable data centers.

## ENERGY STAR

Cyxtera has taken a data center efficiency leadership position in the United States through its commitment to the Department of Energy's Better Building Challenge and the completion of Energy Star certification for 20 data centers, more than any other colocation provider as of June 2017. Energy Star ratings place these data centers in the top 25% most energy efficient data centers in the country.

## UK CARBON TRUST AWARD

Cyxtera was presented with the UK Carbon Trust award for efforts to reduce the carbon footprint within all Cyxtera United Kingdom data centers. Carbon Trust is a world-leading certifier of organizational carbon-footprint reduction. Cyxtera is one of only a few data center providers to receive this distinction. Carbon Trust measure and certify the environmental footprint of organizations, products and services.

## CEEDA SILVER AWARD

The United Kingdom Data Center, London Dockland, was awarded Silver CEEDA (Certified Energy Efficient Data Center) Award. CEEDA is an international assessment based award certifying that an organization is implementing operational improvements, design improvements, and evaluating new measures that maximize efficiency. The award takes into account process, technology and personnel.

## GREEN ACKNOWLEDGMENTS

- Energy Star
- Carbon Trust
- CEEDA Silver Award
- LEED Certification
- Energy Fuel Cells

## CYXTERA COMMITMENT

- US Dept. of Energy Better Building Challenge
- Green IT Program



## LEED CERTIFICATION

Leadership in Energy and Environmental Design (LEED), is an internationally recognized green building certification program that recognizes best-in-class building strategies and practices. LEED promotes sustainable building and development practices through a suite of rating systems that recognize projects that implement strategies for better environmental and health performance. Cyxtera's Minneapolis, Minnesota, USA data center is the area's first multitenant Tier III data center to receive the certification from the US Green Building Institute's Leadership in Energy and Environmental Design.

## HYDROELECTRIC POWER

A number of Cyxtera data centers, notably those in the Pacific Northwest, are supplied in part by renewable, zero-carbon, hydroelectric power. Our newest facility located in Moses Lake, WA, obtains over 75% of its power from hydroelectric generating stations on the nearby Columbia River. The Moses Lake facility also benefits from the high-desert climate which enables free-air cooling more than half the year, further enhancing the power efficiency of IT loads running in it.

## ENERGY FUEL CELLS

In an effort to explore alternative power generation and reduce carbon emissions, Cyxtera has installed Bloom Fuel Cells in a data center in Irvine, California. The fuel cells are expected to produce nearly 3,500,000 kWh of electrical energy annually. The fuel cells generate electricity through a clean electrochemical process using air and natural gas. The fuel cells are providing primary power protecting those loads from electrical outages without the need for a backup UPS and generator.

Being Green goes beyond the data centers to looking at the whole company, internal and external facilities, and policies. At Cyxtera our goal is to help ensure the long-term health of our environment and maintain employee safety, and to join with consumers and businesses to focus on ways to promote and practice intelligent use of resources. This includes offering our customers solutions that enable them to lessen their impact on the environment.