AMERICA NEEDS DATA CENTERS

Data centers are the backbone of our economy, and our tech industry is #1 when it comes to investing in our local communities and in America's future.

- **Today's modern economy and Americans' daily lives rely on data centers.** Communications, entertainment, business, healthcare, education, and creativity – all rely on data centers to power the online services we depend on.
- Building a hyperscale data center provides hundreds of construction trade jobs, brings a billion dollars in investment, and drives millions more in local economic development.
- An operating data center supports hundreds of full time jobs, including high school and trade school graduates as technicians, earning average salaries above $100,000.
- Data centers pay millions in property taxes, enabling tax relief for homeowners and providing funding for local infrastructure and services.

AND DATA CENTERS USE WATER RESPONSIBLY

Many new hyperscale data centers consume less water than a local restaurant, school or golf course.

Many new hyperscale data centers use a closed-loop, direct-to-chip liquid cooling system with dry coolers. ***No operational water is consumed in this process.***

In parts of the country where water is abundant, data centers can reduce electricity demand significantly by using hybrid cooling systems. In those data centers, some of the water evaporates into the sky, just like an irrigated field or golf course.

In areas with water stress, data centers use air for cooling, and use water only for domestic purposes. This ensures that community water resources are protected.

Leading tech companies are funding upgrades to local water systems and restoring more water than they use.

Hyperscalers cover the costs to build and upgrade aging local water infrastructure. This investment improves water management and capacity for the broader community.

Hyperscalers have publicly committed to replacing any water they use. They do this by investing in water replenishment projects through wetlands restoration, supporting local farmers with advanced irrigation technologies, and harvesting rain water.