

The Better Buildings Initiative is a Presidential leadership initiative which calls on chief executive officers, university presidents, and state and local government leaders to motivate significant improvements in energy efficiency across the United States to create American jobs.

Data centers offer a tremendous opportunity for energy and cost savings. Organizations that own and or operate data centers can partner with DOE to lead by example in one of 2 ways:

- **Better Buildings Challenge** Partners commit to reduce the energy intensity of their portfolio (including data centers) by at least 20 percent within 10 years and share their results.
- **Better Buildings Data Center Accelerator** Partners commit to reduce the energy intensity of at least one data center by at least 25 percent within 5 years and share their results.

A Better Buildings Challenge Partner Agrees to:

✓ Commit

- ▶ **Publicly pledge** to improving the energy intensity of their entire portfolio, including data centers, by at least 20 percent within 10 years
- ▶ Assign a **senior executive** within 1 month to fulfill the Better Buildings Challenge commitments

✓ Take Action

- ▶ **Develop an energy metering plan for their data centers and a schedule within 6 months** to implement metering to measure energy savings progress toward goals
- ▶ **Announce a showcase project** within 9 months
- ▶ Announce the use of **one or more energy efficiency implementation models** within a year

✓ Report Results

- ▶ **Share information** on the energy efficiency implementation models used to achieve the energy savings pledge
- ▶ Make available **portfolio-wide, building level energy performance** information used to document progress toward achieving energy reduction goals on an annual basis. Partners are encouraged to submit data in 6 month intervals
- ▶ **Provide regular updates on progress** with annual information on energy savings across the organization and energy performance at the facility level as the basis for recognition

An Accelerator Partner Agrees to:

✓ Commit

- ▶ Assign a **senior representative of the data center management team** within 1 month to fulfill the Data Center Accelerator Partner commitments in the Better Buildings Program
- ▶ **Publicly pledge** to an improved efficiency goal of at least 25 percent in a one (or more) data centers (IT load > 100 kw) within 5 years

✓ Take Action

- ▶ Develop a **baseline PUE measurement within 6 months**
- ▶ Develop an **energy metering plan and a schedule within 18 months** to implement metering to measure energy savings progress toward goals

✓ Report Results

- ▶ Make **facility-level energy performance data** for metered facilities available within 12 months; flexibility provided for proprietary information
- ▶ **Provide regular updates on progress** with annual facility level energy performance information as the basis for recognition

The Department of Energy Agrees to:

✓ Assist

- ▶ Provide **technical expertise and training** to support measuring, tracking, and improving energy performance
- ▶ Provide a repository for relevant **best practice and research** documents
- ▶ Collaborate on a regular basis

✓ Connect

- ▶ **Facilitate the sharing of best practices** across the industry
- ▶ Create **networking** opportunities for data center owners and managers to share innovative solutions

✓ Recognize Success

- ▶ **Feature partners** who leverage, develop, and share innovative and cost-effective energy efficiency solutions
- ▶ Provide **national recognition to Partners** commensurate with energy results achieved

Signatory Agreement Information

My organization is committed to continuous improvement in energy efficiency of our data centers and agrees to the General Terms of the agreement as a (select one):

- Better Buildings Challenge Data Center Partner
 Better Buildings Data Center Accelerator Partner

Signature

Date

Name/Title (PRINT)

E-mail (PRINT)

Full Mailing Address:

Main Point of Contact Information

Organization: _____ Address: _____

Name: _____ Title: _____

Phone: _____ Email: _____

Number of Data Centers Committed: _____

Square Footage: _____

Megawatts: _____

Improved Efficiency Goal (e.g., 20% reduction in infrastructure energy intensity by 2024): _____

General Terms

- ▶ All parties concur that this agreement is wholly voluntary and may be terminated by any party at any time, and for any reason, with no penalty.
- ▶ Partner/Accelerator Partner will not construe, claim, or imply that its participation in the Better Buildings Program constitutes Federal Government approval, acceptance, or endorsement of anything other than Partner's/Accelerator Partner's commitment to the program.
- ▶ Partner/Accelerator Partner understands its participation in the Better Buildings Program, as a Data Center Partner or Accelerator Partner, does not constitute Federal Government endorsement of the Partner/Accelerator Partner or its data center buildings, products, services, or facilities.
- ▶ Partner/Accelerator Partner understands that the activities it undertakes in connection with the Better Buildings Program are voluntary and not intended to provide services to the Federal Government. Partner/Accelerator Partner will not submit a claim for compensation to any federal agency.
- ▶ The Better Buildings Challenge will honor all requests to keep the Partner's/Accelerator Partner's information and data confidential.