JUNE 8–11
2020 SUMMIT
A Virtual Leadership Symposium

Learn more: betterbuildingssolutioncenter.energy.gov/summit
Partners Setting New Challenge Goals
25% reduction in energy intensity by 2028; 2018 baseline
30% reduction in energy intensity by 2026; 2013 baseline
20% reduction in energy intensity by 2028; 2018 baseline
30% reduction in non-IT energy usage by 2024; 2019 baseline
30% reduction in energy intensity by 2025; 2008 baseline
20% reduction in energy intensity by 2028; 2018 baseline
25% reduction in energy use per transaction by 2029; 2013 baseline
Other Recognition
Partners On Track
Commercial Partners

- Briad Wenco, LLC (Wendy's franchisee)
- Carlisle, LLC (Wendy's franchisee)
- Columbia Association
- CommonWealth Partners
- DWS
- Hamra Enterprises (Wendy's franchisee)
- Highwoods Properties
- JBG Smith
- LBA Realty
- MGM Resorts International
- Nike
- Parkway
- PNC Financial Services Group
- Promar Corporation (Wendy's franchisee)
- Shorenstein Properties, LLC
- UW Health
- Wen-GAP, LLC (Wendy's franchisee)
Industrial Partners

- Bucks County Water & Sewer Authority
- C. F. Martin & Co., Inc. (Martin Guitar)
- Des Moines Water Works
- Ford Motor Company
- HARBEC
- Legrand
- Lennox International
- Orange Water and Sewer Authority
- Schneider Electric
- United Technologies Corporation (UTC)
- Volvo Group North America
Multifamily Partners

- 2Life Communities
- Beacon Communities
- Caritas Communities, Inc.
- Cascap, Inc.
- Community Housing Partners
- Danville Development
- EAH Housing, Inc.
- Foundation Communities
- Gateway Management Services, LLC
- Housing Authority of City of San Buenaventura, CA
- Jamaica Plain Neighborhood Development Corporation
- Jonathan Rose Companies

- Knox County Housing Authority, IN
- Lucas Metropolitan Housing Authority
- Manhattan Housing Authority
- Minneapolis Public Housing Authority
- National Church Residences
- NHT Communities
- Peabody Properties, Inc.
- Tenderloin Neighborhood Development Corporation
- The Community Builders, Inc.
- The Evangelical Lutheran Good Samaritan Society
- Utica Municipal Housing Authority
- Wesley Housing Corporation
- WinnCompanies
State, Local, and Education Partners

- Allegheny College
- Arlington County, VA
- Aurora Public Schools
- Boston, MA
- Chula Vista, CA
- Community College of Allegheny County
- Cook County, IL
- Fairfax County Public Schools, VA
- Fort Worth Independent School District

- City of Hillsboro, OR
- Manchester School District, NH
- Morehouse College
- Pasadena Independent School District, TX
- River Trails School District 26, IL
- Salt Lake City, UT
- Sewanee: The University of the South
- University of Tulsa
New Better Buildings & Better Plants Challenge Partners

Cotti Foods Corporation (Wendy’s Franchisee)
Waste Pilot Partners

- Armstrong Flooring
- AstraZeneca
- Beaverton, Oregon
- Bristol-Myers Squibb
- CommonWealth Partners
- Electrolux
- Flowers Foods
- FMC Chemicals
- General Motors
- HARBEC
- The Hartford Financial Services Group, Inc.
- Jamestown, LP
- Johnson Controls, Inc.
- Los Angeles Department of Water and Power
- Lawrence Berkeley National Laboratory
- Martin Guitar
- New Bedford Housing Authority
- Nissan North America
- NSK Americas
- PaperWorks Industries
- Parkway
- PPC Online
- Schneider Electric
- Shorenstein Properties, LLC
- Sprint
- Steelcase, Inc.
- SugarCreek Packing Co.
- Tenderloin Neighborhood Development Corporation
- The Tower Companies
- United Technologies Corporation (UTC)
- UW Health
- Volvo Group North America
- The West Palm Beach VA Medical Center
Green Lease Leaders
New in Better Buildings

- Workforce Accelerator
- Sustainable Corrections Accelerator
- Integrated Lighting Campaign
- Building Envelope Campaign

Learn more at betterbuildingssolutioncenter.energy.gov
HEALTHY BUILDINGS

Our goal is to improve the lives of all people, in all buildings, everywhere, every day.

A Program at the

HARVARD T.H. CHAN
SCHOOL OF PUBLIC HEALTH

Dr. Joseph G. Allen
Assistant Professor
@j_g_allen
The Global Mega-Changes Shaping Our World, Our Buildings, and Us

1. Changing Populations
2. Changing Cities
3. Changing Resources
4. Changing Climate
5. Changing Role of Private Sector
6. Changing Definition of Health
7. Changing Buildings
8. Changing Work
9. Changing Technology
10. Changing Values
Cleanliness, *fresh air from open windows*, are the only defence a true nurse either asks or needs.”

I have seen to be most effectual: *open air* during the greater part of the day… [and] *bedroom ventilation* at night.”

**Florence Nightingale (1860)**
Buildings that fight disease…

…and Promote Health
Minimizing Risk in the Workplace

Using a hierarchy of controls as a response framework, companies can take a range of actions — weighing the effectiveness and financial impact of each — to combat Covid-19 in their buildings.
What’s Next?
Preparation for Post-Covid19
Employees are interviewing your building

Coronavirus is finally showing the company how flawed it is with outdated technology and management style...what is the point of having 2,000 to 3,000 people in an office with circulated air?”

“How is this much different than being on a virus-infected cruise ship for 8+ hours every day, five days a week?”

Management has taken the lead in handling the COVID-19 situation with the health and safety of its entire workforce of the utmost importance.”

“... in the face of the current COVID-19 situation, I couldn’t be happier with how this entire company is responding.”

Healthy Buildings: How Indoor Spaces Drive Performance and Productivity
by Joseph G. Allen and John D. Macomber
Health Beyond the 4 Walls

Demonstrating the Power of Co-Benefits to Influence Decision-Making
Making the Business Case...

...for Healthy Buildings
Cold Call / Episode 118

Is the Healthiest Building in the World Worth the Rent?

Healthy buildings and superior air quality are increasingly important as people spend 90% of their lives indoors.

Subscribe: 🎧 Apple Podcasts 🎧 Google Podcasts 🎧 Spotify 🍀 RSS
Our aim is to create an exceptional building, both of its time and timeless, as well as being respectful of its context and celebrated Modernist neighbors – a tower that is for the City and for the people that will work in it, setting a new standard for office design and providing an enduring landmark that befits its world-famous location."

-Lord Norman Foster, Architect
HEALTHY BUILDINGS

Our goal is to improve the lives of all people, in all buildings, everywhere, every day.

A Program at the

HARVARD T.H. CHAN
SCHOOL OF PUBLIC HEALTH
TODAY

Sector Meet-Ups
1:00 – 2:30pm ET

DOE Fireside Chat with the National Labs: Trends and Emerging Technologies
3:00 – 4:30 pm ET
<table>
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<th>Time</th>
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| Tuesday, June 9, 2020 | **INDUSTRIAL & MANUFACTURING SESSION**  
PechaKucha on Industrial Energy Management  
**WORKFORCE DEVELOPMENT SESSION**  
Building a Clean Energy Workforce  
**ACHIEVING RESILIENCE SESSIONS**  
Distributed Energy Resources for Cost Savings and Resilience  
The Road to Resilience: Setting Energy Savings as a Strategic Priority for Wastewater Treatment Plants  
**FINANCING SESSION**  
What’s New in Energy Efficiency Finance? |
| Wednesday, June 10, 2020 | **CONCURRENT WORKSHOPS**  
Unsealed: The Building Envelope Campaign  
The Solar Project Development Process: Insights and Best Practices from Local Governments and Higher Education Institutions  
Multi-family Financing Roundtable: Financing Affordable Housing Retrofits  
The Next Frontier in Lighting: Getting Connected with the Integrated Lighting Campaign  
**INDUSTRIAL & MANUFACTURING SESSION**  
Best of the Better — 2020 Better Project and Better Practice Presentations  
**MULTIFAMILY SESSION**  
Maximizing Performance in Affordable Housing New Construction  
**EMERGING TECHNOLOGIES SESSION**  
Packaged CHP eCatalog and Accelerator Program  
**OPTIMIZING CRITICAL FACILITIES SESSION**  
Stump the Chumps: How to Optimize Critical Facilities |
| Thursday, June 11, 2020 | **RENEWABLES SESSION**  
Approaches for Achieving Zero Energy Ready: Maximizing Efficiency and Controlling Costs  
**BEYOND ENERGY SESSION**  
Early Best Practices from the Waste Reduction Pilot  
**STRATEGIES FOR SUCCESS SESSION**  
The Secrets of Better Buildings Goal Achievers  
**BEYOND ENERGY SESSION**  
Measuring Up the Equity Challenge: Energy Affordability and Equity Planning  
**CLOSING PLENARY**  
The Path Forward: Perspectives on Prioritizing Energy Efficiency |
Better Buildings: Summer Webinar Series

BEHIND THE METER DISTRIBUTED ENERGY RESOURCES: BEST PRACTICES FOR INTEGRATING DERS INTO COMMERCIAL BUILDINGS

July 8

NEXT-GENERATION BUILDING PERFORMANCE POLICIES: MAXIMIZING ENERGY SAVINGS AND ENVIRONMENTAL IMPACTS

July 16

EVERYONE HAS A DATA CENTER: HOW TO BE AN ENERGY CHAMPION FOR YOURS

July 28

PROGRAM DESIGN WITH EVERYONE IN MIND: LOW-INCOME SOLAR PROGRAM STRATEGIES

July 9

STRATEGIES TO COMBINE ENERGY + HEALTH UPGRADES IN MULTIFAMILY HOUSING

July 21

SUCCEED WITH SUBMETERING: HOW TO MAKE THE BUSINESS CASE

August 4

THE DYNAMIC DUO: UNLEASH PUBLIC SECTOR ENERGY SAVINGS WITH FINANCING AND TECHNICAL ASSISTANCE

July 14

CASE IN POINT: OREGON'S RECENT EFFORTS TO REDUCE PLUG LOAD ENERGY CONSUMPTION

July 22
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