



Optimizing health care facilities

Q1 ASHE Chapter Leaders, Sustainability and Advocacy Liaison Meeting

1 March 2023

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a professional membership group of the American Hospital Association
155 N. Wacker Drive, Suite 400 | Chicago, IL 60606
ashe.org | ashe@aha.org | 312-422-3800



Agenda

- Update to Chapter Awards – 5 Minutes (AG)
- NFPA Update 2023 2nd Draft Review – 10 Min (JF)
- Environmental Sustainability and Decarbonization – 10 Min (KB)
 - Decarb Overlay, Roadmap, Websites
 - Operation Decarbonization/HealQuest – 10 Min (AW)
- ASHRAE Update – 15 Mins (JF/KB)
 - 514, 170, GP-43, 90.1 Publish
- ASHE Hosted Programs – 15 Minutes (AB)
- ICC Update – 2027 Cycle – 5 Min (JF)
- Energy to Care Awards – 10 Min (KB)
- 2023 Meeting Dates and Upcoming Events – 5 Min (KB/JF)
 - Liaison/Chapter Leader Calls
 - PDC/Annual 2023
 - ASHE Academy

Liaison Slide Deck

This slide deck will be shared in the myASHE Liaison Community and SharePoint site.

The slide deck is intended to be used by the liaisons and chapter leaders to assist in sharing information with chapters. The slide deck is not to be shared with others.

By downloading the presentation slides, you agree to use it for sharing information purposes only.

ASHE Advocacy Team



Chad E. Beebe,
AIA, CHFM, CFPS, CBO, FASHE
Deputy Executive Director, Advocacy



Jonathan Flannery,
MHSA, CHFM, FASHE, FACHE
Senior Associate Director of Advocacy



Leah Hummel,
AIA, CHFM, CHC
Senior Associate Director of Advocacy



Kara Brooks,
MS, LEED AP BD & C
Senior Associate Director of Sustainability



Austin Wallace,
Senior Specialist,
Sustainability



Sustainability Hero Survey

- Sent in yesterday's reminder
- 20 responses
- Take it now!



Chapter Relations



Avis Gordon, CEM, MMPA, DBA

Senior Specialist, Chapter Relations

312-422-3806

agordon@aha.org

Resource Areas: Chapter relations, chapter programs, student chapters, chapter development

2023 Chapter Awards

2023 Chapter Applications

- Applications due on April 1, 2023
 - ✓ Upload Documents in SharePoint
- Education Opportunities
 - ✓ Points
- Participation In Awards Program
 - ✓ Chapter Benefits

NFPA Update

NFPA Standards

- Current NFPA Cycle Activities
- Codes Accepting NITMAM's (28 March 2023)
 - NFPA 4 - Standard for Integrated Fire Protection and Life Safety System Testing
 - NFPA 90A/B0 - Standard for the Installation of Air-Conditioning/Warm Air Heating and Ventilating Systems
 - NFPA 99 - Health Care Facilities Code
 - NFPA 101 – Life Safety Code

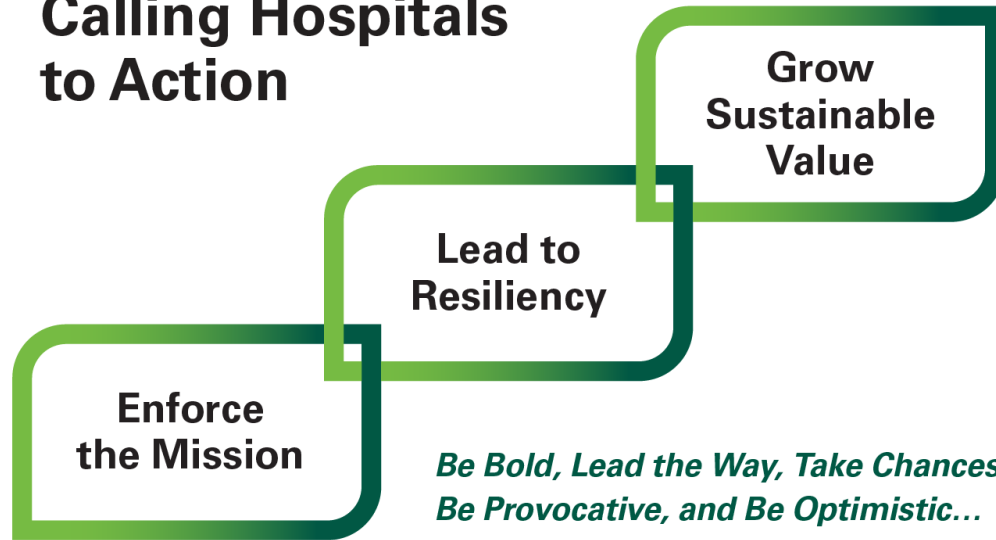
NFPA Standards

- Current NFPA Cycle Activities
- Codes Open for Public Input (2026 Edition)
 - NFPA 10 - Standard for Portable Fire Extinguishers (1 June 2023)
 - NFPA 25 - Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (1 June 2023)
 - NFPA 70 – National Electrical Code (7 Sept 2023)
 - NFPA 241 - Standard for Safeguarding Construction, Alteration, and Demolition Operations (4 June 2023)

Environmental Sustainability and Decarbonization

Core to ASHE Sustainability and Decarbonization Initiat

Calling Hospitals to Action



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Product Development and Management - Existing

Optimize

- Energy to Care Dashboard
- Energy to Care Treasure Hunt Program

Educate

- Sustainability Tips
- Conservation Measures
- Success Stories
- Monographs

Recognize

- Energy to Care Awards
- Sustainability Champion Award
- Sustained Performance Award

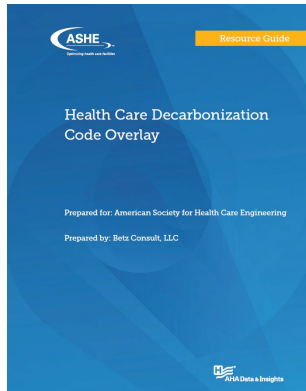


Product Development and Management - NEW



a Health Care Executive's guide to

SUSTAINABILITY & DECARBONIZATION



HEALQUEST

Sustainability Superhero Reveal

The Sustainability Superheroes represent the three pillars of sustainability: environmental, social (and health), and governance (ESG).



The Green Guardian

advocates for environmental stewardship and climate change strategies



The People's Protector

enhances the quality of life, improves a population's well-being, and promotes positive health outcomes in the community



The Resource Regulator

implements strategies and systems that determine how an organization regulates itself

- e-Learning course
- How to in 7 modules:
 - The game plan
 - The mission
 - The players
 - The starting point
 - The business case
 - The action plan
 - The winning strategy
- Adapt framework for other sustainability “operations”





HealQuest

- Tier 1: Operation Decarbonization eLearning
- Tier 2: On-site multidisciplinary team-building
- Tier 3: On-site team exploration to identify GHG reduction opportunities
- Tier 4: Goal-setting, action planning and accountability

ASHRAE Update

- **Task Force for Building Decarbonization**
- Determining and engaging with other organizations
- Providing information to policy makers
- Providing recommendations and best practices for industry stakeholders by:
 - Identifying existing portfolio of technical resources
 - Packaging these technical resources in a useful way
 - Providing tools for energy efficiency, embodied carbon, and reducing operational carbon
 - Identifying knowledge gaps and developing resources to address those gaps

ASHRAE TFBD and Health Care

- Standards integrating decarbonization into TPS
- Working group specific to health care
 - Developing Decarbonization Design Guide focusing on Hospitals

ASHRAE 514

- Risk Management for Building Water Systems: Physical, Chemical, and Microbial Hazards
 - The purpose of this standard is to establish minimum requirements to reduce illness and injury from physical, chemical, and microbial hazards from water systems in buildings.
- **45-Day Public Review Period from February 17, 2023 to April 03, 2023**

ASHRAE/ASHE 170

- ASHRAE/ASHE 170 Ventilation for HC Facilities
 - No current addenda posted for public review
- Currently working on addendum for exhaust discharge outlets from hazardous areas
 - Clarification on separation requirements
 - Watch for public review posting by end of month

ASHRAE/ASHE 170

- Guideline 43 - Operations Guideline for Ventilation of Health Care Facilities
 - PURPOSE: The purpose of this guideline is to provide information and guidance for the operation of ventilation systems that provide environmental control in new and existing health care facilities.
- Continuing to work on this guideline
 - Plan to have ready for a public review later this year

ASHRAE Public Review

- Watch for notices within



CODES & STANDARDS

The latest ASHRAE updates

Updates from ASHRAE include public commenting on an energy-efficiency standard and progress on a new standard for management of building water systems.

ASHRAE



[Read More »](#)

ASHE Hosted Programs

How ASHE Education Supports Your Growth

- Unbiased, holistic education on topics that impact you daily
- Insights from trusted, agenda-free industry veterans
- Singular focus on supporting you and your team's professional development



How ASHE Education Meets You Where You're At

- Delivered in your preferred format
 - In-Person
 - Live Online
 - On Demand
- Focused on areas of importance for ASHE's Audience such as
 - Facility Management
 - Planning, Design & Construction
 - Infection Prevention
- Developed with ASHE Members for ASHE Members
 - Subject Matter Experts
 - Education Reviewers
 - Product Beta Testers



ASHE In-Person Conferences & Exhibitions



March 13-15, 2023 | *Phoenix, AZ*



ASHE Academy May 1-5, 2023 | *Columbus, OH*



August 6-9, 2023 | *San Antonio, TX*

Help Move Your Career Forward In a Way That Works for Your Schedule

Construction



Infection Prevention



Facilities Management



In Person



Live Online



On Demand



Ways to Get Involved with ASHE Education

- Become a Proposal Reviewer or Course Beta Tester
- Apply to Be an ASHE Subject Matter Expert



Reach out to the ASHE Education team at ASHEeducation@aha.org

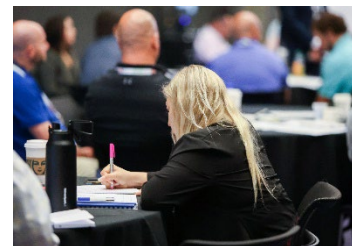
How ASHE Can Support Your Chapter Delivering Value to its Members

- Developing and Delivering Content to Meeting Members' Professional Development Needs is Resource Intensive
- Hard to find unbiased education that provides a holistic perspective on industry topics
- Chapters Educational Programming is an investment in the local community



Support Your Members' Career Growth With ASHE Hosted Programs

- Provides Your Chapter With a Turnkey Education Program to Market to Your Audiences
- Programs are Developed by ASHE Instructional Designers and Facilitated by ASHE-Approved Faculty
- Chapters Can Leverage Hosted Programs to Provide Training to Members, Local Health Care Facilities Professionals and Service/Solutions Providers



ASHE Hosted Programs: Opportunities to Educate Across Your Member Segments

Facilities Management

- Application of NFPA 99 in Health Care Facilities
- Application of NFPA 99 in Health Care Facilities: Electrical Systems Program
- Certified Health Care Facility Manager (CHFM) Exam Review Program
- Door Inspection and Maintenance Workshop
- Fundamentals of Health Care Facility Management
- Managing Life Safety: The 2012 Edition (NFPA 101)
- Physical Environment Survey Readiness Program

Construction

- Certified Health Care Constructor (CHC) Exam Review Program
- Health Care Construction Workshop
- Application of NFPA 99 in Health Care Facilities
- Application of NFPA 99 in Health Care Facilities: Electrical Systems Program
- Working in Health Care: Certified Health Care Physical Environment Worker Education & Exam Review

Infection Prevention

- ASHE ICRA 2.0™ Train-the-Trainer Program
- Water Management Program Development Workshop
- Managing Infection Prevention in Health Care Facilities

Host An ASHE Program: You Bring the Audience, We Bring the Education

Chapter Deliverables

Location, Food & Beverage, A/V Support

- All arrangements and costs for meeting rooms, refreshment breaks, and any meals provided for the participants
- Audio/Visual requirements including projection screen, flip chart and markers, 2 wireless lavalier microphones & an audio connection for the presenter's computer
- Seating with tables for the participants, either in classroom or ¾ rounds style
- A table in the back of the room for the faculty with a power strip

Registration Support

- A registration list (using the provided spread sheet template) to ASHE at least 10 business days prior to the beginning of the program.
- Ability to set the registration price for participants above minimum registrant payout to ASHE
- On-site registration of participants, including name badges for participants
- Providing ASHE with an accurate final list of participants (using the provided spread sheet template) • Compliance with hosted program agreement and marketing guidelines.

ASHE Deliverables

Education Support

- Faculty for the program, including their travel, lodging costs and meals
- All printed material for the program
- Live presentation of one or two day educational program
- A spread sheet template used to provide registration information
- Computer & LCD Projector used by the faculty for the presentation
- When applicable: For Live Online Trainings or hybrid programs with an e-Learning portion, ASHE will also provide login instructions for the host to share with participants so learner can access the program through the ASHE Learning Center.

Continuing Education Credit Support

- Resources to deliver Continuing Education Credits (CECs) for each participant

Marketing Support

- Optional: Within fourteen (14) days of receiving the registration link/information from the Organization, ASHE will post the dates and link on the program website(s) and applicable calendars on the ASHE website.

Learn More On How To Leverage ASHE to Support Your Education Goals

Go to <https://www.ashe.org/education/hostaprogram>

Complete the Hosted Program Request Form*

Contact Melissa Binotti Heim, ASHE Conference & Program Manager with any questions prior to submitting a request mheim@aha.org

ICC Update

- 2027 ICC Code Development Cycle
 - Code Changes due January 2024



Changes to the ICC Code Development Process Current Cycle vs New Process in 2024 - 2026 Cycle

	January	Feb/Mar	April	May	June	Sept/Oct	Oct/Nov	Next Edition
	2024 - 2026 Cycle							
Year 1: 2024	CC due – Grp A		CAH #1 – Grp A 9 days / 2 tracks		Comments due on CAH #1 action	Annual Conf. CAH #2 – Grp A Comments 9 days / 2 tracks		
Year 2: 2025	CC due – Grp B	Grp A Public Comments due (PCH year 3)	CAH #1 – Grp B 9 days / 2 tracks	Initiate publication process for Group A codes w/o Public Comments	Comments due on CAH #1 action	Annual Conf. CAH #2 – Grp B Comments 9 days / 2 tracks		
Year 3: 2026	Grp B Public Comments due		PCH – Public Comments for Grps A & B 10 days / 1 track	OGCV – Grps A & B 3 weeks	Cycle Complete Continue publication process for next edition	Annual Conf.		2027 I-Codes October – December Next cycle starts Jan / 2027

Acronyms: CC - Code Changes; CAH - Committee Action Hearings; PCH - Public Comment Hearings; OGCV - Online Government Consensus Voting

Energy to Care Awards

Energy to Care Awards

Energy to Care Award

ASHE's Gold Standard Awards for Health Care Facility Energy Savings

The Energy to Care Award celebrates facilities accomplishing sustainability goals that will pave the way for environmental stewardship, social equity and fiduciary responsibility in their health care organizations to support healthy, equitable and resilient environments and communities maintained over time.

In its inaugural year (2006), ASHE awarded 9 facilities with this prestigious award. These awards have grown to over 250 recipients in 2020!

Criteria to win this award include:

- Facility **MUST** be tracking energy and water consumption, as well as Greenhouse Gas emissions in the Energy to Care Dashboard. Signature verification of data accuracy is required.
- NOTE: 10% of award winners' data will be randomly chosen and verified for each award cycle.
- Reduction 10% weather normalized source EUI savings in a single year (comparing 2021 to 2019 baseline).
- OR reduction weather normalized source EUI 15% savings over two years (comparing 2021 and 2018).
- OR reduction weather normalized source EUI 5% savings in a single year PLUS previous winner (comparing 2021 to 2019).

How to WIN and be RECOGNIZED?

- Track energy, water and greenhouse gas emissions in the Energy to Care Dashboard.
- To learn more and begin tracking, [click here!](#)
- Energy to Care Award eligibility is visible in the dashboard through the "Awards Progress" widget!

Sustainability Champion

Sustainability Champion Award

ASHE's Gold Standard Awards for Health Care Facility Energy Savings

The Energy to Care Sustainability Champion recognizes facilities who demonstrate leadership in health care sustainability. Multiple facilities are eligible to win this distinguished award on an annual basis. Applications will be available on the Energy to Care website no later than February 1, 2022.

Criteria to win this award include:

- Track energy, water and greenhouse gas emissions in the Energy to Care Dashboard.
- To learn more and begin tracking, [click here](#).
- Facilities are required to provide Professional Engineer (PE) verification.
- Facility must have an ENERGY STAR score 75 or above.
- Facility must be an ENERGY STAR Certified Hospital (must have been certified in 2017, 2018, 2019, 2020, or 2021).
- Facility or system must have a published Sustainability Statement.
- Facility or system must have a designated Sustainability Champion on staff or sustainability lead on staff.
- Facility must have a designated Green Team.

How to WIN and be RECOGNIZED?

- The Energy to Care Sustainability Champion Award is application only process.
- Applications will be available on the Energy to Care website no later than February 1, 2022.
- Winners will be notified no later than May 15, 2022.
- Winners will be recognized at the 2022 ASHE Annual Conference, July 17 – 20, 2022 in Boston, MA.
- Awards, award logos, letter of recognition, and information on purchasing award logo wear will be sent to facilities teams and the senior leader by September 1, 2022.
- Sustainability Champions will be recognized on the Energy to Care website and in ASHE publications. Champions must agree to submit photos of the facility and access to team members to be interviewed for publications.

Sustained Performance

Sustained Performance Award

ASHE's Gold Standard Awards for Health Care Facility Energy Savings

The Energy to Care Sustained Performance Award celebrates facilities accomplishing sustainability goals in their health care organizations to support healthy, equitable and resilient environments and communities maintained over time.

Criteria to win this award include:

- Facility **MUST** be tracking energy and water consumption, as well as greenhouse gas emissions in the Energy to Care Dashboard. Signature verification of data accuracy is required.
- ASHE will verify award winners' data for each award cycle.
- Facility must have an ENERGY STAR Score of 75 or above OR weather normalized SOURCE EUI equal to baseline (2018) or lower for 3 or more years (2018, 2019, 2021).

How to WIN and be RECOGNIZED?

- The Energy to Care Sustained Performance Award is an application only process.
- Applications will be available on the Energy to Care website no later than February 1, 2022.
- Winners will be notified no later than May 15, 2022.
- Winners will be recognized at the 2022 ASHE Annual Conference, July 17 – 20, 2022 in Boston, MA.
- Awards, award logos, letter of recognition, and information on purchasing award logo wear will be sent to facilities teams and the senior leader by September 1, 2022.

Chapter Challenge

- 14 chapters participating in 2023 challenge
- 375 Facilities participating in 2022 challenge

2022 Chapter Challenge Winners

Large Category: Ohio Society for Healthcare Facilities Management

Small Category: Chesapeake Area Society of Healthcare Engineering, Inc.

2024 Chapter Challenge

Chapter Challenge Information

2024 Challenge Information and Participation Instructions:

- The Challenge will compare weather-normalized Source EUI between two, 12-month periods ending dates 12/31/2022 and 12/31/2023. The chapter that demonstrates the greatest percent-based reduction in weather normalized EUI across the two periods will be the winner.
- All team facilities MUST be participating in the Energy to Care Dashboard.
- ASHE's Energy to Care team will conduct the calculations updated standings will appear on the Energy to Care Dashboard from May 1, 2023 until April 1, 2024.
- A chapter must enroll a minimum of 5 hospitals to compete and there are two categories of participation:
 - Small chapter category (5 to 15 enrolled hospitals)
 - Large chapter category (16 or more hospitals)
- In-patient and out-patient facilities are eligible to be included on teams.
- Winning Chapters receive recognition at the ASHE Annual Conference in Boston. In addition, winning chapters will receive an individual award to share with their chapter and their name will be added to the revolving Energy Cup.

Sign-ups are available until April 1, 2023.

To complete your 2024 Challenge application, please submit the following two steps:

- Complete your Chapter Challenge Commitment here:
 - Complete the Excel spreadsheet form for submitting participating facilities
 - Excel spreadsheet template can be found and downloaded from the Liaison Sharepoint Site
 - Team spreadsheets MUST be submitted through the Chapter Challenge Commitment Form
 - Complete the [2024 Chapter Challenge Commitment Form](#)

2023 Meeting Dates and Upcoming Events

2023 AL/CL/SL Dates

2023 Webinar Dates

Q2: Wednesday, June 7, 2023

Q3: Wednesday, September 6, 2023

Q4: Wednesday, December 6, 2023

All webinars begin at 12:00 noon CST.

*Webinar reminders - myASHE Liaison Community
and Liaison SharePoint site*

Don't forget the many ASHE on-line educational opportunities
ashe.org/calendar

PDC Summit



Keynote speakers:

Chrissa Pagitsas –

Leading and Innovating through
Sustainability

Nicholas Webb –

Health Care Futurist and Innovation
Expert

Four Tracks



The Evolving Business of
Health Care Delivery



Policy Decisions and
Regulatory Compliance



Sustainability,
Environmental Impact



Managing Risk with
Resiliency



ASHE Academy 2023 | Spring Health Care Facility and Construction Education Courses

May 1-5, 2023 in Columbus, OH

[Register Now](#)

ASHE Annual Conference & Technical Exhibition

SAVE THE DATE!! Join ASHE in celebrating the 60th Annual Conference & Technical Exhibition, August 6 – 9, 2023 in San Antonio, TX. Registration will open in March, 2023.

[Sign up for Updates](#)

Questions or Discussion?





Thank you!

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