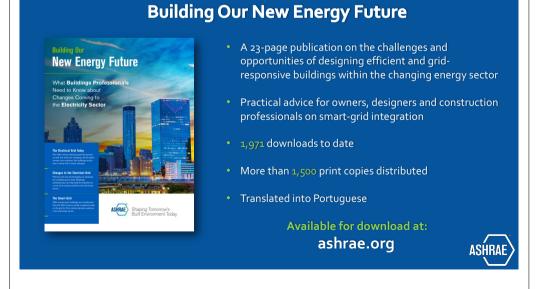
Building Our New Energy Future State of the Society Update Sheila J. Hayter, P.E. ASHRAE President 2018-2019 Houston Skyline Designed by Vexels Opazy







Distinguished Lecturer (DL) Program

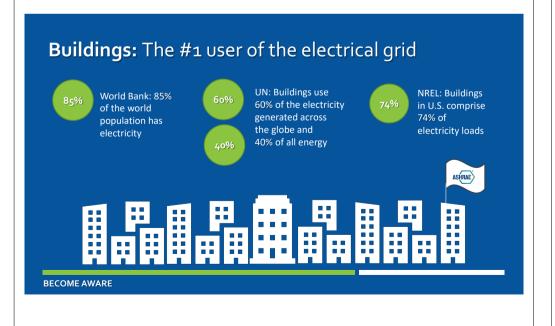
- Important for connecting chapters and members with ASHRAE expertise
- About 15% of DLs are knowledgeable on how to build our new energy future
- ASHRAE will continue developing content on the topic to increase member awareness

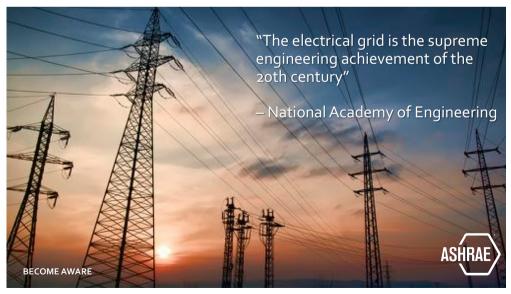


BECOME AWARE

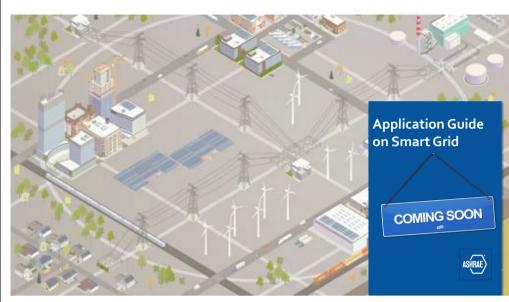
DL Presentations Related to 2018-19 Society Theme

- BIG, SMART, AND EVERYTHING: DATA, TECHNOLOGY, BUILDINGS, CITIES, AND THE IOTA
- CLEAN COOLING OF BUILDINGS
- ADVANCED ENERGY DESIGN GUIDE FOR K-12 SCHOOL BUILDINGS: ACHIEVING ZERO ENERGY
- LEVERAGING INNOVATIVE TECHNOLOGIES FOR LIFE CYCLE OPERATIONAL EFFICIENCY AND IMPROVED INDOOR ENVIRONMENT QUALITY
- FACING THE REALITIES AND CHALLENGES OF URBANIZATION, SMART CITIES, SMART INFRASTRUCTURE & SMART BUILDINGS FOR GREATER SUSTAINABILITY & RESILIENCE
- IMPROVED OPERATIONS & MAINTENANCE MEASURES FOR BETTER ENERGY PERFORMANCE AND ENVIRONMENTAL IMPACT OF HVAC & CHILLER PLANTS
- AN APPROACH TO IMPROVED INDOOR AIR QUALITY AND OPERATIONS OF BUILDINGS:
 ADOPT SMART BUILDINGS TECHNOLOGIES AND TRAIN OPERATIONS AND MAINTENANCE
 STAFF FOR REQUIRED COMPETENCIES
- SUSTAINABILITY & ENERGY EFFICIENCY BRIDGING THE GAP IN PERFORMANCE FROM CONCEPT THOUGH OPERATIONS
- THE SMART GRID AND ASHRAE STANDARD 201









Presidential Webinar and Q&A Videos

Presidential Webinar

• Efficient Buildings; the Future and a More Intelligent Grid

Q&A Videos

BECOME AWARE

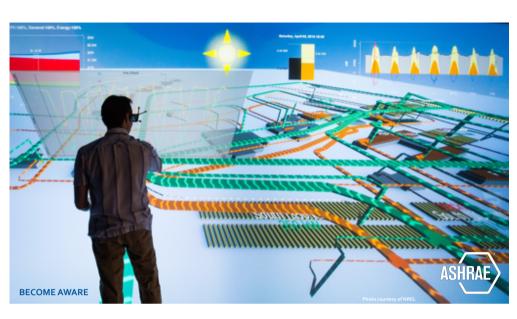
- The Potential For Zero Energy Districts
- Smart Homes Saving Energy and Money
- Grid-Interactive Buildings

Efficient Buildings; the Futur and a More Intelligent Grid









Step 2: Get Engaged

- Society Updates
- Smart Grid Community
- Cyber Security Community
- Wellness Community

BUILDING OUR NEW ENERGY FUTURE



Engaging Our Industry:

Collaborating with Others



- IOR (Institute of Refrigeration)
- World Refrigeration Day Endorsements
- Global Cooling Prize Endorsement











GET ENGAGED

Engaging Our Industry:

Collaborating with Others

Application Guide on Smart Grids

- OpenADR Alliance
- Smart Electric Power Alliance (SEPA)

International Facility Management Association (IFMA)

- Memorandum of Understanding (MoU)
- European Commission Study of Building Ventilation Systems for renovations
- New Facility Management (FM) Training and Development Framework

GET ENGAGED





Engaging our Student Members:







GET ENGAGED

Engaging with the Smart Grid Community



ASHRAE

Engaging with the Cyber Security Community

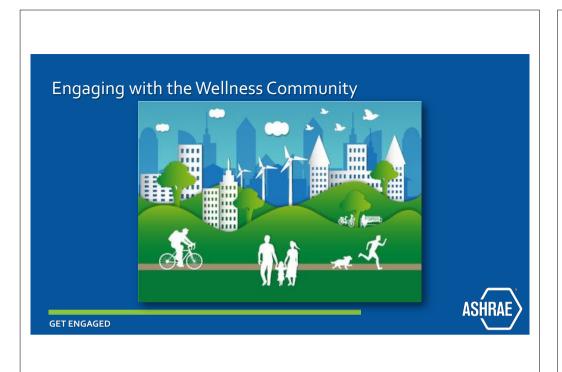
- Cyber attacks in the first 6 months of 2017
 - 2,200 publicly disclosed breeches of major organizations
 - 6 billion records exposed
- Estimated that by 2021 hackers will have stolen \$6' trillion (US)
- Roughly 60% of all small to mid-sized corporations are unable to survive a massive cyber attack





GET ENGAGED

GET ENGAGED





How You Can Engage in Our New Energy Future



GET ENGAGED

Facebook

- Facebook.com/ASHRAEupdates
- Facebook.com/ASHRAEpresident 32% increase since June 2018 38 posts 4 videos

Twitter

• @ASHRAEnews



Engaging Media

- 31 feature articles
- 9,410 media placements
- More than 20 million media impressions
- 20 to Watch: Women in HVAC

GET ENGAGED



ASHRAE

ASHRAE 365 App

- Approximately 10,000 users.
- One-tap access to standards and guidelines, continuing education, industry jobs and more.
- Fully integrated events section with information on ASHRAE Conferences, CRCs, Topical Conferences, Event Calendars and Virtual Conferences.
- Quick access to all of ASHRAE's social media platforms.
- Information on how to support the Society through donations.

GET ENGAGED







Step 3: Start Now



- Living Lab Environment
- HQ Update
- IgCC Powered by ASHRAE 189.1



ASHRAE HQ Update

ASHRAE has purchased a building at 180 Technology Pkwy, approximately 10 miles north of our current location. The building will be renovated to serve as ASHRAE's new headquarters. We are excited to demonstrate leadership in our industry by transforming an existing building into a state-of-the-art built environment.



- ASHRAE is now in the beginning stages of a major capital campaign to fund these renovations.
- Move by October 2020

ashrae.org/newhq



START NOW

2018 International Green Construction Code® Powered by Standard 189.1-2017

- Provides comprehensive green building strategies
- Is compatible with local energy codes and
- Is under continuous maintenance
- Offers tools and resources to help with implementation and adoption
- www.ashrae.org/greenstandard

START NOW





