**Mission:** To advance the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world.

**Vision:** ASHRAE will be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for professional growth in the arts and sciences of heating, ventilating, air conditioning and refrigerating.
ASHRAE Overview

• Founded in 1894
• 56,500+ volunteer members in more than 130 countries
  - 6,000+ student members
  - 15 regions
  - 183 chapters
  - 300 student branches

• Industry Classification
  - Consulting engineers
  - Contractors
  - Manufacturers
  - Manufacturing representatives
  - Government, health and education
  - Design build
  - Architects

• U.S./Canada (45,000+)
• Global (12,000+)
What We Do

• Serve as pipeline for technical information to members, chapters and companies
• Create standards and technical guidelines to serve built environment
• Offer continuing education for industry professionals
• Serve as networking tool for industry professionals

How We Do It

• 27 standing committees
• 130 standards and guidelines committees
• 100+ technical committees
• 300+ publications
• Six certification programs
• 100+ educational courses
• Research

- Standard 189.1 provides total building sustainability guidance for designing, building and operating high-performance green buildings
- Has broader scope than Standard 90.1
- Partners with the International Code Council (ICC) for the International Green Construction Code (IgCC)
- Single resource on green buildings “IgCC powered by 189.1” to be published in summer 2018
Beneficial for those in design, construction, installation, commissioning, operation, maintenance and service of centralized building water systems and components

Standard 188 establishes minimum legionellosis risk management requirements for building water systems

This is the foundation of the CDC’s Toolkit entitled “Developing a Water Management Program to Reduce Legionella Growth and Spread in Buildings”
Standard 90.4 was designed to ensure only the most inefficient data centers are non-compliant

Is aggressive but has very achievable mechanical and electric efficiency requirements that save agencies money

Data centers are often the largest energy users at an agency

Works in concert with Standard 90.1

- Standard 90.1 is a benchmark for commercial building energy codes
- ASHRAE has set forth efforts to address plug load reduction and help design teams account for them when evaluating building loads with Standard 90.1
- “Regulated loads” are no longer included in a summary of energy savings in the Standard 90.1 revision in 2016
- Plug loads will continue to be a critical component in achieving Advanced Energy Design Guides
Extending Our Community

- **ASHRAE 2017 Building Performance Analysis Conference**: September 27-29, 2017 – Atlanta, GA.
- **2017 Developing Economies**: November 10-11, 2017 – Delhi, India.
- **2018 ASHRAE Winter Conference and AHR Expo**: January 20-24, 2018 – Chicago, IL.

To Join or Renew - www.ashrae.org/join
To Get More Involved - www.ashrae.org/volunteer