



Energy Codes to Know About and the 2021 IECC

*MAPC's Codes for Climate Webinar Series
and Zero to 101 Initiative*

October 17, 2019

The MAPC Region

North Suburban Planning Council (NSPC)

Minuteman Advisory Group on Interlocal Coordination (MAGIC)

North Shore Task Force (NSTF)

Inner Core Committee (ICC)

South West Advisory Planning Committee (SWAP)

South Shore Coalition (SSC)

Three Rivers Interlocal Council (TRIC)

MetroWest Regional Collaborative (MetroWest)

Dover is in Three Rivers and South West Subregions.
Milton and Needham are in Inner Core and Three Rivers Subregions.

March 2015



1.8 million jobs (2010 Census)

March 2015

CLEAN ENERGY EXPERTISE

1) Regional Energy Projects

- Green Municipal Aggregation
- Municipal and Community Solar
- LED Streetlight Retrofit Program
- Solar Hot Water
- Green Mobility Program
- ESCO Procurement
- Energy Resiliency



2) Climate and Energy Planning

- Community energy and climate data, baselining, planning, and strategizing
- Connecting municipalities with incentives + plug-and-play programs
- Net Zero planning, guidance & education



3) Energy Technical Assistance

- Peak Demand Management
- Green Communities
- Methane Leaks
- Data Analysis
- Solar Permitting and Zoning
- State and Local Policy
- Grant Writing
- Codes for Climate



Agenda

- 1 Code Proposals to Watch - NRDC
- 2 Top Code Proposals for Energy Efficiency - EECC
- 3 Update and Next Steps in the IECC Code Cycle
- 4 Upcoming Local Code Efforts
- 5 Q & A

Net Zero as a Framework for Holistic Climate Planning

Multi-Benefit Outcomes

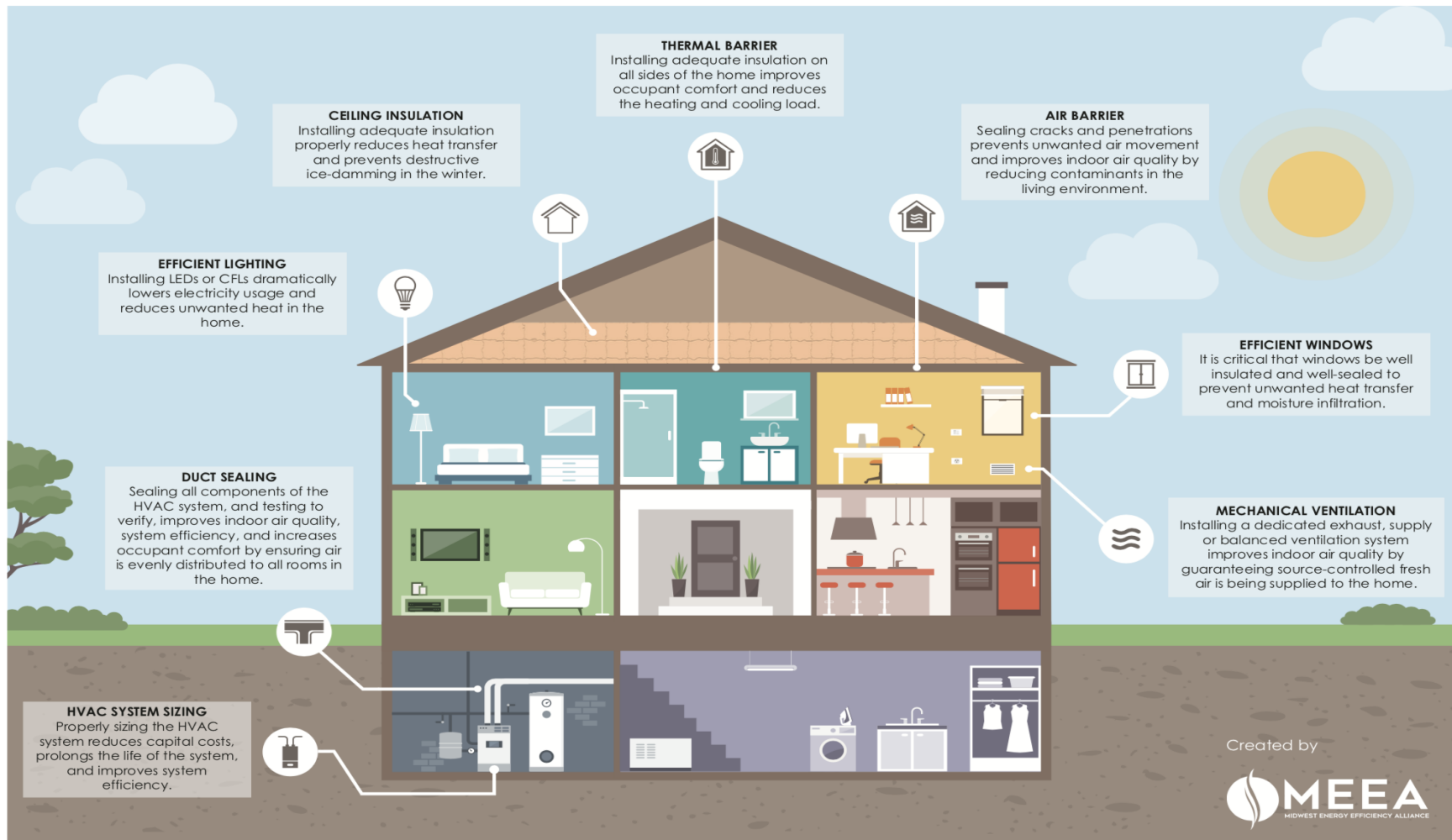
- **Energy**
- **Economic**
- **Environmental**
- **Public Health**
- **Equity**
- **Livability**



*Bringing Net Zero to 101 Cities and Towns
and Beyond*

Codes for Climate

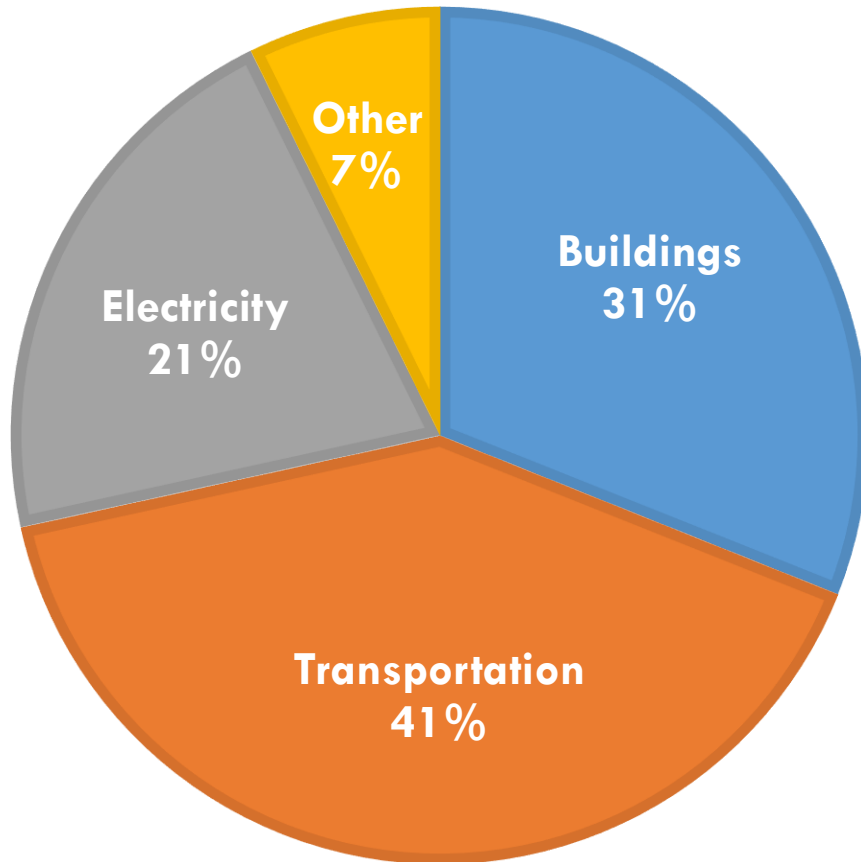
How the Energy Code Improves a Home



Codes for Climate

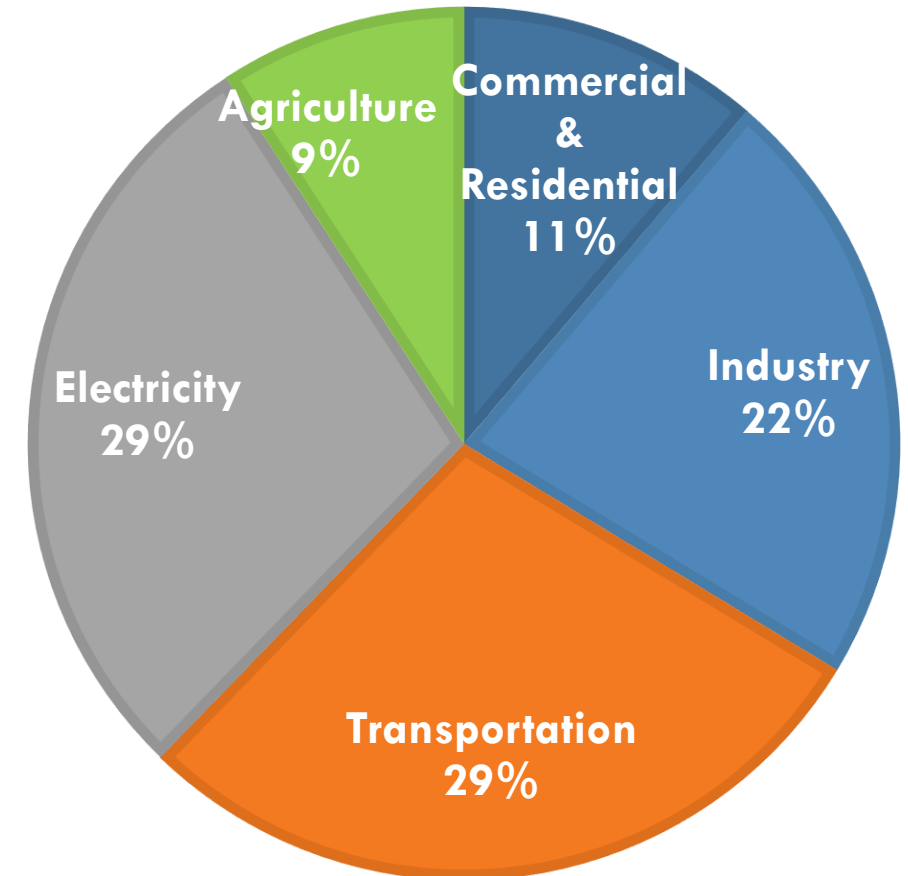
MASSACHUSETTS GHG BY SECTOR

■ Buildings ■ Transportation ■ Electricity ■ Other

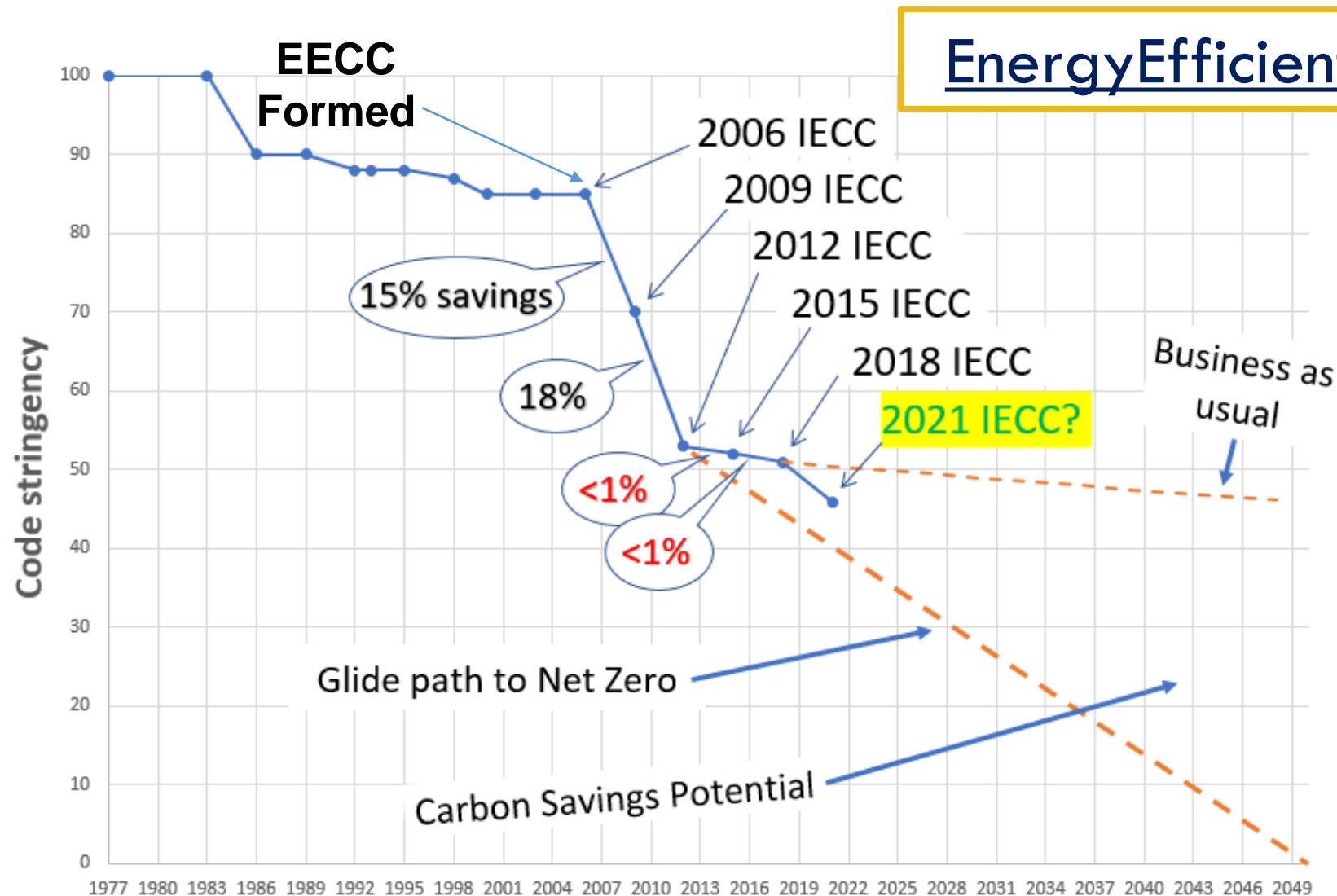


U.S. GHG BY SECTOR

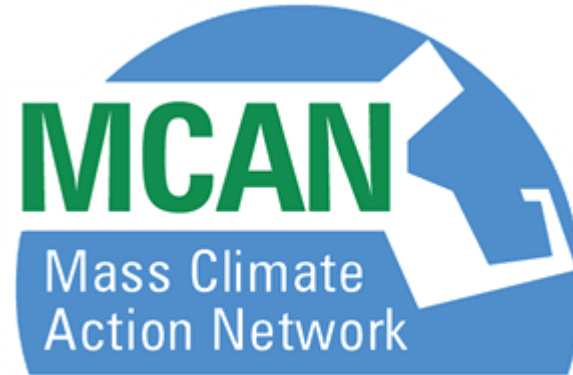
■ Commercial & Residential ■ Industry ■ Transportation ■ Electricity ■ Agriculture



Efficiency Improvements of IECC



IECC Partners



Energy Efficient Codes Coalition



**SIERRA
CLUB**



Proposals to Watch

2021 IECC



////////////////////////////////////

Net Zero Appendix (RE223)

- Adds an optional appendix that would get homes to zero NOW, by building off the ERI pathway
- Many jurisdictions are taking action on climate policies, and this proposal gives a simple, effective way to make progress
- Allows compliance through a combination of onsite power production, community renewables and renewable purchase or leasing contracts

CLIMATE ZONE	ENERGY RATING INDEX not including onsite power <u>OPP</u>	ENERGY RATING INDEX including <u>Adjusted onsite power</u> OPP (as proposed)
1	43	0
2	45	0
3	47	0
4	47	0
5	47	0
6	46	0
7	46	0
8	45	0

Electrification Readiness (RE147)

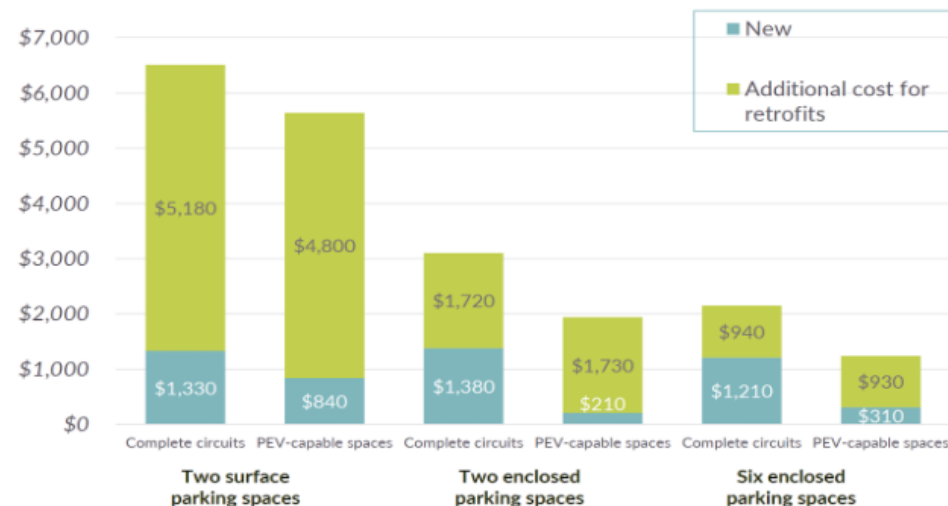
- Key components to fighting climate change: efficiency (using less electricity) and decarbonization (reducing a building's emissions)
- Direct burning of fossil fuels = 10% of total US emissions
- This proposal requires homes with gas or propane water heaters, dryers, and conventional cooking equipment to include circuits nearby for future electrification
- Significantly cheaper to do at the time of construction

Electric Vehicle Readiness (CE217, Parts 1 and 2)

- Requires new homes and commercial buildings to have EV ready (circuitry is installed) and EV capable (space in the electrical system) spaces
- Would make installing a future EV charging station 3-4 times less expensive

Why Adopt EV Infrastructure Building Codes?

Cost Savings Modeled for the City of Oakland



Lighting Improvements (RE7, RE145)

- Aiming to improve the lighting efficiency in homes, and add occupancy
- RE7 raises the efficiency to 65 lumens per watt, essentially equivalent to an LED bulb
- RE145 would require automatic sensor controls for at least one fixture in bathrooms, garages, laundry rooms, and utility rooms – reducing energy use of those fixtures by ~30%



Water Heating (RE126)

- Water heating is the second-largest energy use in a home, after space heating
- Proposal offers a list of options for a builder to choose from
- Goal – to install electric equipment paired with renewable energy, or higher efficiency gas equipment

More Info

- Watch for upcoming blogs, voting guides, etc.
- More webinars
- Want personalized technical support for voting? Let us know!
- Lauren Urbanek - LUrbanek@nrdc.org

Update on Top Priority Proposals for the 2021 IECC

October 17, 2019

Bill Fay, Energy Efficient Codes Coalition

Status Check

Status Check: 2021 IECC Provisions

- IECC-Residential Committee favored moderate improvements in energy efficiency and the elimination of loopholes; Commercial Committee favored proposals approaching 10% improvement
- Both Committees rejected most major rollbacks
- Public Comments submitted on ~120 proposals.
- Public Comment Hearings ~ Oct 26-30 (RE & CE)

Our Breakdown of High Priority Proposals

High-Priority Proposals

- 11 Big Energy Savers
- 19 Individual Improvements, Envelope & Systems
- 20 Other Code Improvements
- 28 Biggest Efficiency Rollbacks/Trade-offs

Breakdown

- The 30 Energy/Carbon Saving proposals account for over 90% of the potential savings that can be achieved from the slate of over 300 proposals that were submitted this year.
- The next 20 will improve code compliance (*i.e., when builders know that their duct efficiency will be tested, they do a better job sealing the ducts*), prepare us for the future (*i.e., EV readiness*), and even guide jurisdictions to Net Zero residential buildings (NBI's appendix proposal).
- And, of course, we need to defeat the 28 efficiency rollback and tradeoff proposals.

Residential Proposals

Adopting a 2021 IECC that includes the 50 pro-efficiency proposals and rejects the 28 rollback/tradeoff proposals will:

- improve the efficiency of residential and commercial buildings by 10% and
- reduce nationwide annual carbon emissions by nearly 50 MMT (million metric tons) by 2030.

Residential Proposals

While 78 Top Priorities are firm, the attached and voting recommendations chart will be revised for EECC's Final Online Voting Guide because:

- Some of the 78 proposals may be withdrawn or resolved at the PCH in Las Vegas.
- Our online voting recommendations will be far simpler than the attached guide because the PCH will limit the online voting ballot from a number of potential voting options to two for each proposal.
- When GMVRs vote online in November, they can either vote to "Disapprove" (D) each proposal or to approve it "As Submitted" (AS), "As Modified by the Committee" (AMC), or "As Modified by Public Comment" (AMPC, followed by the PC#).

The IECC Top 50 + 1

Priority Votes to Win a 10%+ Efficiency Boost in the 2021 IECC



The 11 Top Energy Savers

Significant Efficiency Packages & Equalizing Compliance Paths

Residential				Commercial			
<input type="checkbox"/>	RE209	Vote AS	Saves 4-14%	<input type="checkbox"/>	CE113	Vote AS	Saves 5%
	Efficiency by Packages. Builders select 1 of 5 Package Options; Performance/ERI path efficiency also boosted.				Up-to-Date ASHRAE 90.1 Equipment Tables Replace Weaker IECC Tables		
<input type="checkbox"/>	RE206 RE207	Vote AS	Saves 5 or 10%	<input type="checkbox"/>	CE218	Vote AMC	More-Efficient Points-Based Tables Replace IECC Commercial Chapter's "Additional Efficiency Options"
	Builders choose 5 or 10 Flex Point measures from dozens of efficiency options; Other paths must = 5 or 10% boost. RE206 = 5 Flex Pts, or 5%; RE207 = 10 Flex Pts, or 10%.			<input type="checkbox"/>	CE226	Vote AMC	
				<input type="checkbox"/>	CE229	Vote AMC	
				<input type="checkbox"/>	CE240	Vote AMC	
<input type="checkbox"/>	RE192	Vote AS	Equal ERI Path	<input type="checkbox"/>	CE219	Vote	Code Compliance improved w/two additional efficiency options, instead of one.
	Reclaim 2015 IECC Stringency. Lowers ERI scores by 5-8 points to 2015 ERI values weakened in 2018 IECC			<input type="checkbox"/>	CE220	AS	

20 Individual Energy Savers

Smaller Efficiency Measures Add Up

Residential			Commercial		
<input type="checkbox"/>	RE29	Vote AS	<input type="checkbox"/>	CE63	Vote
		Better Wall Insulation in Climate Zones 4 & 5.	<input type="checkbox"/>	CE64	AS
<input type="checkbox"/>	RE32	Vote AS	<input type="checkbox"/>	CE68	Vote
		Better Slab Insulation in Climate Zones 3-5.	<input type="checkbox"/>	CE69	AS
<input type="checkbox"/>	RE33	Vote AS	<input type="checkbox"/>	CE61	Vote AS
		Better Ceiling Insulation in Climate Zones 2 & 3.	<input type="checkbox"/>	CE66	Vote AS
<input type="checkbox"/>	RE34	Vote AMC	<input type="checkbox"/>	CE66	Vote AS
		Eliminates loophole reducing CZ 5-8 insulation levels	<input type="checkbox"/>	CE35	Vote AMC
<input type="checkbox"/>	RE36	Vote AS	<input type="checkbox"/>	CE35	Vote AMC
		Better Ceiling Insulation in Climate Zones 4-8.	<input type="checkbox"/>	CE53-PC1	Vote AMPC1 or D
<input type="checkbox"/>	RE35	Vote AS	<input type="checkbox"/>	CE53-PC1	Vote AMPC1 or D
		Better Window U-Factors in Climate Zones 2-4.			Better Window U-Factors.

Individual Energy Savers - *continued*



RE37

Vote
AS

Adds .40 SHGC requirement to windows in CZ5



RE7

Vote
AS

Better Lighting Efficiency.



CE162

Vote
AMC

Improves/Clarifies Dwelling Unit lighting efficiency



CE49

Vote
AS

Boosts Performance Path Efficiency by 5%



CE140

Vote
AMC or AMPC1

Boosts Performance Path Efficiency by 5%

20 Beneficial, But Hard to Measure Improvements

Boosting Code Compliance; Preparing for the Future & Net Zero Buildings

Residential

- ☐ **RE151** Vote
AS or AMPC1
Limiting Trade-Offs by Adding Thermal Backstop
- ☐ **RE182** Vote
AMPC1 or AS
Improves Existing Thermal Backstop to 2018 IECC
- ☐ **RE112** Vote
AS
Duct Testing Required to Improve Code Compliance
- ☐ **RE115** Vote
AS
Setting a Maximum Trade-Off Cap on Duct Leakage
- ☐ **RE147** Vote
AMPC1
Install Electric Receptacles Near Gas/Propane Equipment
- ☐ **RE223** Vote
AMPC 1 and/or 2

Zero Energy Residential Buildings Appendix

Commercial

- ☐ **CE96** Vote
- ☐ **CE97** AMC
Air Leakage Testing Required to Improve Compliance
- ☐ **CE111** Vote
- ☐ **CE215** AMC
- ☐ **CE216** Fault Detection Syst. prevent energy
- ☐ **CE99** Vote
AMC
Requires air barrier verification/commissioning
- ☐ **CE217** Vote
- ☐ **Pts 1&2** AMPC1/AS
Making Commercial Buildings EV-Ready/Capable
- ☐ **CE262** Vote
AMPC1
Energy Storage Space Required - CA Solar-Ready Zone
- ☐ **CE9** Vote
AS
"Energy Conservation" added to Alternative Compliance Path Consideration
- ☐ **CE12 Pt 2** Vote
AMPC2
Above-Code Programs Must Meet Efficiency Backstop
- ☐ **CE12 Pt 2** Vote
AMPC2
Above-Code Programs Must Meet Efficiency Backstop
- ☐ **CE21** Vote
AMPC1
Energy Storage Space Required - CA Solar-Ready Zone
- ☐ **CE140** Vote
AMC/AMPC1
Energy Storage Space Required - CA Solar-Ready Zone
- ☐ **CE209** Vote
AMC
Improves Lighting efficacy for plant growth

22 Major Efficiency Rollbacks/Trade Offs

With the Exception of RE17, RE161, RE40, & RE119, the Residential & Commercial Energy Committees Recommended Disapproval Major Efficiency Roll-Back and Trade Off Proposals While Keeping These 4 Proposals Out of the 2021 IECC Will Require a Simple Majority of Votes, Defeating the Others Will Only Require One-Third.

Residential			Commercial		
<input type="checkbox"/>	RE17	Vote D Load Calculation Loophole Weakens Efficiency	<input type="checkbox"/>	CE1	Vote
<input type="checkbox"/>	RE156	Vote	<input type="checkbox"/>	Pts 1&2	D/D Expands IECC's scope beyond energy conservation
<input type="checkbox"/>	RE176	D Trade-Off Loopholes Reduce Efficiency	<input type="checkbox"/>	CE2	Vote
<input type="checkbox"/>	RE208	Vote D Points-Based Trade-Off Loophole Scheme	<input type="checkbox"/>	CE3	D Expands IECC's scope beyond energy conservation
<input type="checkbox"/>	RE161	Vote D Weakening changes for skylights, ducts & perf. baseline	<input type="checkbox"/>	CE5	Vote
<input type="checkbox"/>	RE165		<input type="checkbox"/>	Pts 1&2	AMPC1 or D Expands IECC's scope beyond energy conservation
<input type="checkbox"/>	RE166		<input type="checkbox"/>	CE6	Vote D Expands IECC's scope beyond energy conservation
<input type="checkbox"/>	RE171		<input type="checkbox"/>	CE7	Vote
<input type="checkbox"/>	RE186	Vote	<input type="checkbox"/>	Pts 1&2	D Expands IECC's scope beyond energy conservation
<input type="checkbox"/>	RE190	D	<input type="checkbox"/>	CE54	Vote
<input type="checkbox"/>	RE196	Vote D Weakening already weak ERI backstop/ERI requirements	<input type="checkbox"/>	Pt 2	D Reduces efficiency requirements in Tropical CZs
<input type="checkbox"/>	RE40	Vote D Weakens Wall Insulation Based on Framing Factor	<input type="checkbox"/>	CE263	Vote D Appendix requires solar PV w/o efficiency
<input type="checkbox"/>	RE119	Vote D Loophole Allows Testing Duct Leakage to Outdoors			

6 Other Efficiency Rollbacks/Trade Offs

Residential

Commercial



RE10

Vote



RE43

D



RE95

Instead of inspecting all homes, allows "sampling" smaller #



RE88

Vote

AMPC1 or D

Reduces efficiency levels required for air leakage testing.



RE92

Vote

D

Reduces efficiency levels required for air leakage testing.



RE217

Vote

D

Exemption from roof replacement insulation requirements
weakens existing building efficiency provisions in IECC

Resources

EECC Website: www.energyefficientcodes.org

ICC Website: www.iccsafe.org

Bill Fay, EECC: Bfay@ase.org

Next Steps in the IECC Code Cycle

2019 IECC Code Cycle



January 1st – March 29th

Registration of
Governmental Members
with ICC

March 29th – September 23rd

Voters for each Governmental
Member ID'd by Primary
Representative

November

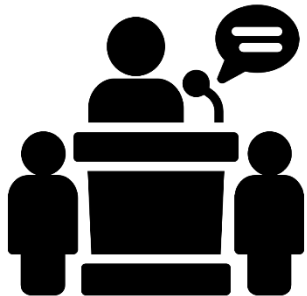
Voting Guide in advance
2-Wk Online Voting Window
Tentative: Nov 13 - 27

IECC Code Proposal Process

Committee Action Hearings

May

ICC Members
present code
proposals to the
code committees



Code Change Submission & Review

Jun - Aug

Proposers edit
and members
submit comments
on proposals



Public Comment Hearings

Oct 23-30

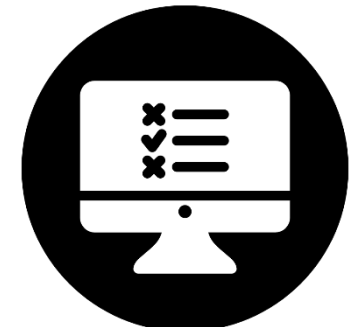
Members who
attend vote in
person and
finalize code
proposals



Online Vote

Nov 13-27

Members vote
online



Results of MAPC Registration Efforts

Target:

400

votes

**420+ Potential
Voters**

82 Govt Members



What You Need To Vote

- A **computer** with internet connection
- **40 to 60 minutes** to sit down and vote
- EECC's **voter guide**
- A **username, password and PIN** to CDP Access

Energy Efficient Codes Coalition – Public Comment Hearing RE Recommendations

Prop. #	Standing Motion	EECC Recommended Action	Original Proposal Summary	EECC Evaluation & Summary of Public Comments with Modifications	EECC Notes
RE7	D	Support D	Replaces specific interior design temperatures with a reference to ACCA manual J, allowing additional flexibility in design.		Current code language promotes better equipment sizing than the proposed change.
RE8	D	Oppose D	Requires all new 1- and 2-family and multifamily dwellings with roofs oriented between 110°-270° to have <i>solar ready zone</i> of ≥300 sq ft or ≥150 sq ft for homes under 2000 square feet. Exceptions for buildings with on-site renewables or roof areas shaded >70% of the time. Construction documents must indicate the zone and pathways for conduit, pre-wiring, or plumbing chase and the electrical service panel must reserve space for a breaker. Exception for buildings with installed pre-plumbing or chase from zone to water heating system.	PC – Removes requirement to have solar ready zone and to reserve space in electrical service panel, but maintains requirements to document solar-ready portions of the roof, keep these zones free of obstructions, and document conduit pathways and roof loads.	Agree
		Support AM PC			
RE9	D	Oppose D	Requires all new 1- and 2-family and multifamily dwellings with roofs oriented between 110°-270° to have <i>solar ready zone</i> of ≥300 sq ft or ≥150 sq ft for homes under 2000 square feet. Construction documents must indicate the zone and pathways for conduit, pre-wiring, or plumbing chase and the electrical service panel must reserve space for a breaker. Exceptions for buildings with on-site renewables or roof areas shaded >70% of the time.	PC1 – Moves solar ready provisions into a new appendix; adds an exception for buildings with <600 sq. ft. of solar ready zone that is unshaded for more than 70% of daylight hours. PC2 – Move solar ready provisions into a new appendix; adds a scoping exception for buildings with <600 sq. ft. of solar ready zone.	Agree NR
		Support AM PC1			

Voting Tutorial from ICC: <https://www.youtube.com/playlist?list=PL9kEmc8-zghr041qNAc7jc6eRV120ENYx>

myICC

Home

Journal

Store

cdpACCESS

Online Building Codes

Help



About ▾

Advocacy ▾

Membership ▾

Professional Development ▾

Products & Services ▾



NTA joins the Code Council solutions

The acquisition of NTA adds 1 and fosters innovation by strengthening product manufacturers.

LEARN MORE →



Trusted Source for Codes & Standards

Our model building codes and standards provide the highest level of safety in the world.

Sign In or Register Here



Provide your email address



Provide your password

8 minus three

Answer the math challenge

Sign In

Can We Help?

[Reset My Password](#)
[I Need More Help](#)



Annual Conference

Join us in Las Vegas for the Code Council's 2019 Annual Conference, Code Hearings & Expo, October 20 – 30. Register now and save.

myICC

Home

Journal

Store

cdpACCESS

Online Building Codes

Help



About

Membership

Professional Development

Products & Services



Welcome back

myICC

Logout

NTA joins the Code Council family of solutions

The acquisition of NTA adds lab and testing capabilities, and fosters innovation by streamlining time-to-market for product manufacturers.



LEARN MORE →



Trusted Source for Codes & Standards

Our model building codes and standards provide the highest level of safety in the world.



Building Safety Experts

Our Family of Companies delivers a wide array of building safety services, including evaluation, accreditation, certification, codification,



Professional Development

We support the building industry with the latest training, mentoring and education resources.



Annual Conference

Join us in Las Vegas for the Code Council's 2019 Annual Conference, Code Hearings & Expo, October 20 – 30. Register now and save.



Welcome to cdpACCESS®

EMPOWERED PARTICIPATION

cdpACCESS® is the International Code Council's new cloud-based system for the code development process. Log in with your My ICC username and password to collaborate, review, submit and vote (if eligible) on code change proposals and public comments.

[CLICK HERE TO REGISTER →](#)

Sign In or [Register Here](#)

 Answer the math challenge[Sign In](#)

Can We Help? [I forgot my password.](#)
[I Need More Help](#)

How cdpACCESS® works



← → ↻ iccsafe.org/register/ ☆

myICC Home Journal Store cdpACCESS Online Building Codes Help

ICC INTERNATIONAL CODE COUNCIL® About ▾ Advocacy ▾ Membership ▾ Professional Development ▾ Products & Services ▾ 🔒

Register

< Go Back

ICC AAA

BEFORE YOU CREATE AN ACCOUNT — PLEASE READ:

If you already have an ICC Member account, please e-mail members@iccsafe.org with your Member number and ZIP code, and we will send your login information usually within one business day. If you already have an ICC certification, please e-mail certexam@iccsafe.org with the certification number, and we will send your login information usually within one business day.

IMPORTANT: YOU MUST ENTER YOUR FIRST AND LAST NAMES EXACTLY AS THEY APPEAR ON YOUR IDENTIFICATION DOCUMENTS THAT YOU WILL PRESENT AT THE TEST CENTER.

If there is not an exact match, you will not be able to take your test and you will not be reimbursed for any fees paid.

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

(Password must be 6-14 characters with at least one number and one letter.)
(Allowed special characters !, @, #, \$, ^, &, *, (,), _)

In the event that you ever get locked out of your account our staff will ask this question.
(Up to 255 characters including numbers, letters and the following special characters ,, , ? , ' , \$)

ICCSafe.org/PinLookup



LATEST UPDATES

Voting Member Survey: Online Remote Voting Pinned

The International Code Council (ICC) Board of Directors has appointed an ad hoc committee to evaluate the possibility of an online remote voting process for ICC Board of Directors elections and other business at the Annual Business Meeting and is interested in your feedback. ICC continually strives to provide exceptional value and opportunities for members to make their voices heard, so your input is critical.

We have partnered with an independent consulting firm, McKinley Advisors, to assist in this research effort and ensure a data-driven process. This effort includes a survey for Governmental Member Voting Representatives ("GMVRs") and Honorary Members. If you are a GMVR or Honorary Member, you may have received an e-mail from McKinley Advisors containing a link to this survey; however, you may also access the survey using the following link: <http://mckinley.ICC-Survey.sgizmo.com/s3/>

As a reminder, only survey responses from Governmental Member Voting Representatives and Honorary Members will be considered, and you may only participate in the survey once.

[Read More](#)**2019 Group B Public Comment Agenda Now Available** Pinned

The public comment agenda is now available. [Click here](#) for the agenda.

2019 Group B Discussion Guide and Public Comment Agenda Updates Now Available

Oct 8, 2019 8:50 EDT

[Click here](#) for the Group B Discussion Guide

2019 Group B Report of Committee Action Now Available.

Jun 11, 2019 20:00 EDT

The 2019 Group B Report of Committee Action from the meeting in Albuquerque, NM are now available. [Click here](#) for the results.

2019 Group B CAH Results Now Available.

May 22, 2019 20:00 EDT

The 2019 Group B Committee Action Hearing results from the meeting in Albuquerque, NM are now available. [Click here](#) for the results. Note that the Report of Committee Action Hearings is scheduled to be posted June 11th.

LINKS

CP-28

HELP

Video Tutorials

Creating a Public Comment

Creating Online Modifications

View Online Mods and Proposal Statuses

See more help topics

We're here to help! Send us an email and we'll get back to you right away.

Email cdpaccess@iccsafe.org

Please include your name and phone number



Proposals

Download CAH Agenda

Create Proposal

All Favorites

Agenda Number

Groups

Status

Hearing Committees

Proponent

Subject Matter

1361 Proposals

Sort by Agenda Number (A-Z)

ID	Agenda Number	Status	Proponent	Submitted At	Attachments	Committee Action	PCH Action
	4071 ADM1-19 Part I	Ready for Final Admin	Ed Kulik	24 Dec 2018 - 11:31 AM EST		As Modified	None
	5738 ADM1-19 Part II	Ready for Final Admin	Ed Kulik			Disapproved	None
	4320 ADM2-19 Part I	Ready for Final Admin	Kevin Duerr-Clark	14 Jan 2019 - 2:45 PM EST		Disapproved	None
	5745 ADM2-19 Part II	Ready for Final Admin	Kevin Duerr-Clark			Disapproved	None
	5215 ADM3-19 Part I	Ready for Final Admin	Allison Cook	14 Jan 2019 - 8:42 PM EST		As Modified	None
	5746 ADM3-19 Part II	Ready for Final Admin	Allison Cook			Disapproved	None
	4632 ADM4-19	Ready for Final Admin	David Bonowitz	14 Jan 2019 - 1:21 PM EST		Disapproved	None
	5675 ADM5-19 Part I	Ready for Final Admin	Jeffrey Shapiro, P.E.	15 Jan 2019 - 12:41 AM EST		Disapproved	None
	5547 ADM5-19 Part II	Ready for Final Admin	Jeffrey Shapiro, P.E.	14 Jan 2019 - 5:09 PM EST		Disapproved	None
	5717 ADM5-19 Part III	Ready for Final Admin	Jeffrey Shapiro, P.E.			Disapproved	None
	4053 ADM6-19	Ready for Final Admin	Ed Kulik	14 Jan 2019 - 9:43 AM EST		As Submitted	None
	5237 ADM7-19	Ready for Final Admin	David Bonowitz	14 Jan 2019 - 1:32 PM EST		Disapproved	None

Local Codes Update

How Can We Improve Buildings?



There are four main ways that Massachusetts municipalities can impact building regulations:

VOTE

International Energy
Conservation Code
(IECC)

COMMENT

Base Code
(MA Building Code
CMR 780)

Stretch Energy Code
(780 CMR Ch. 15 AA)

ADOPT

Zoning and other
local ordinances

Stretch Energy Code
(780 CMR Ch. 15 AA)

ENFORCE

Zoning and other
local ordinances

Base Code
(MA Building Code
CMR 780)

Stretch Energy Code
(780 CMR Ch. 15 AA)

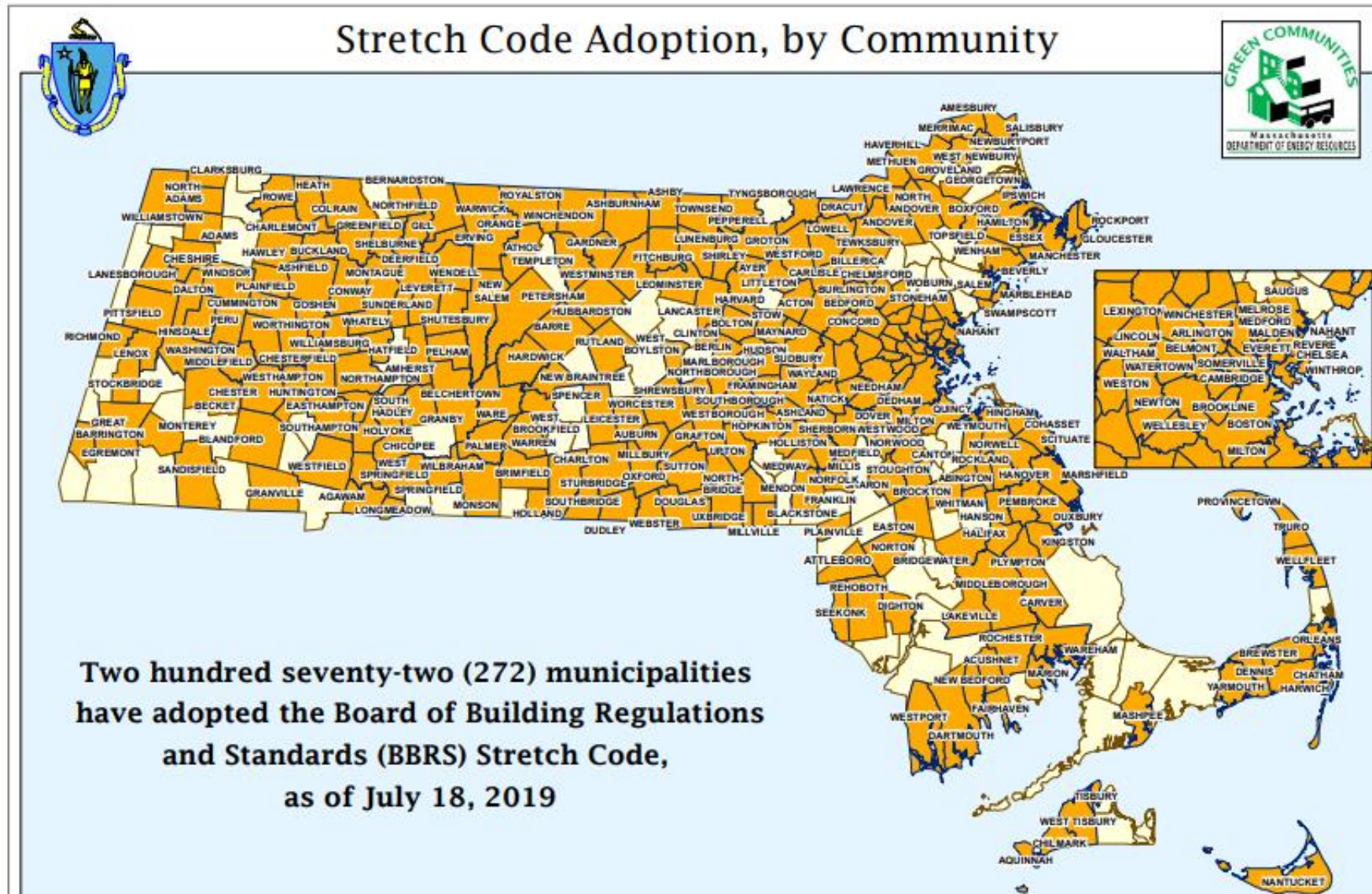
Massachusetts State Building Energy Code

Mass General Law (MGL), Chapter 143, Section 94

“To adopt and fully integrate the latest International Energy Conservation Code as part of the state building code, together with any more stringent energy-efficiency provisions that the board, in consultation with the Department of Energy Resources, concludes are warranted.”



Stretch Energy Code



Efforts to Update the Stretch Code

THE 191ST GENERAL COURT OF THE

Bill H.2865 / S.1935

★ BILL H.2865
191st (Current)

AN ACT TO ESTABLISH A NET ZERO STRETCH ENERGY CODE

By Representative Gouveia of Acton and Senator Comerford, a joint petition (accompanied by bill, House, No. 2865) of Tami L. Gouveia, Joanne M. Comerford and others for legislation to establish a net zero stretch energy code. Telecommunications, Utilities and Energy.

View Text

Print Preview

Download PDF

Presenters: Tami L. Gouveia, Joanne M. Comerford

Status: Referred to Joint Committee on Telecommunications, Utilities and Energy

Bill History

Petitioners

Displaying 3 actions for Bill H.2865

Date	Branch	Action
1/22/2019	House	Referred to the committee on Telecommunications, Utilities and Energy
1/22/2019	Senate	Senate concurred
7/17/2019	Joint	Hearing scheduled for 07/23/2019 from 01:00 PM-05:00 PM in B-1

<https://malegislature.gov/Bills/191/H2865>

Board of Building Regulation and Standards (BBRS)

I want to... Contact us Events

The Board of Building Regulations and Standards (BBRS) monitors Massachusetts building codes and construction supervisor licensing. The Board also licenses concrete testing labs and technicians, approves manufactured buildings and related inspection procedures, approves native lumber producers, and certifies municipal building inspectors.

Contact Us

Address

1000 Washington St, Suite 710, Boston, MA 02118

[directions](#)

Tewksbury Office, Tewksbury Hospital - Old Anne Sullivan Building

365 East Street, Tewksbury, MA 01876

[directions](#)

Springfield Office

One Armory Square, Building 15, 2nd Floor, Springfield,

<https://www.mass.gov/service-details/board-of-building-regulation-and-standards-bbbs-members-advisory-committees-and>

Phone

Boston Office (617) 727-3200

Tewksbury (978) 513-9660

Mark Your Calendar

Board of Building Regulations and Standards

Public Hearing

November 5th

Division of Professional Licensure

1000 Washington Street Boston

Municipalities can send staff and local elected officials to show their appreciation for the board exploring a Net Zero code pathway, and to speak to what energy efficient codes mean to your community.

<https://www.mass.gov/board-of-building-regulation-and-standards-bbrs-monthly-meetings>

Questions?


<https://www.mapc.org/resource-library/building-codes-climate>

CLEAN ENERGY

Building Codes for Climate

Take Action Today to Help Set Higher Efficiency Minimums!

BACKGROUND

Massachusetts municipalities can help support their residents' health and safety through the adoption and enforcement of state building codes. These codes also set forth essential energy policies, setting minimum efficiency requirements for a variety of building practices and technologies used in our cities and towns. With the [Green Communities act of 2008](#) , Massachusetts created to option for municipalities to adopt a stretch energy code.

QUESTIONS? NEED HELP?

For more information or for help walking through the process, contact **Nicole Sanches** at nsanches@mapc.org or 617-933-0760.

ON THIS PAGE

Codes for Climate

- [Stretch Energy Code](#)
- [Train Inspectional Services Staff](#)
- [Comment and Vote](#)

Take Action Today

- [Important Dates](#)
- [Register to Vote](#)

Resources

Contact

Nicole Sanches
Clean Energy Coordinator
nsanches@mapc.org
(617) 933-0761

Cammy Peterson
Director of Clean Energy
cpeterson@mapc.org
(617) 933-0791