

Building Codes and Policies

Mayors Caucus Context Setting

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Energy Policy in GRC

- GRC identified energy objectives & strategies. *Now what?*

<i>Enact policies that support clean energy</i>	E24	Adopt current Illinois Energy Conservation Code (IECC) and report compliance
	E25	Facilitate the adoption of renewable energy technologies (i.e. solar, geothermal) by adapting building and zoning codes
	E+26	+ Collaborate to advance Property Assessed Clean Energy (PACE) policies
	E+27	+ Adopt 'stretch codes' setting higher standards for energy efficiency than IECC
	E+28	+ Enact an ordinance requiring periodic benchmarking for large energy users
	E+29	+ Negotiate franchise agreement with utilities to exercise lump sum payment option to finance clean energy

Energy Planning

- Considered Energy Planning with National Renewable Energy Lab (NREL)

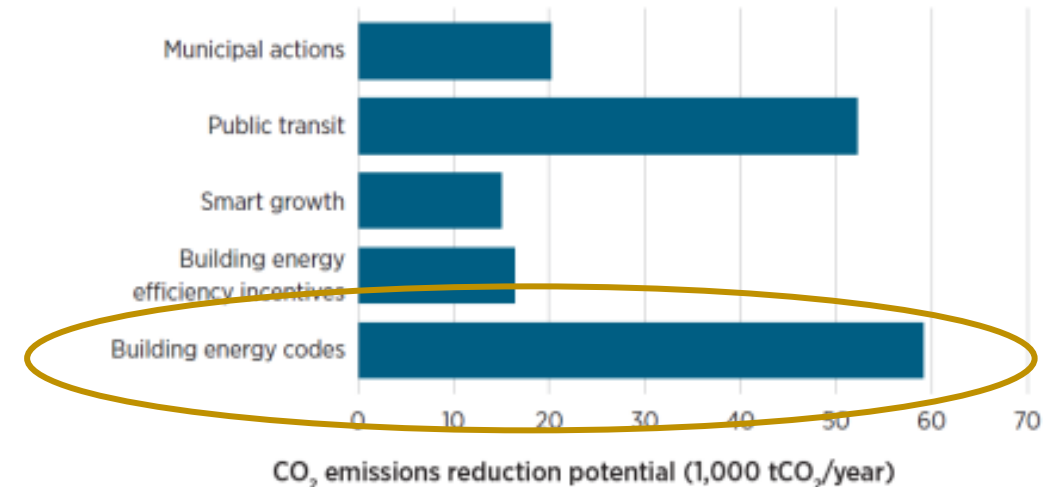
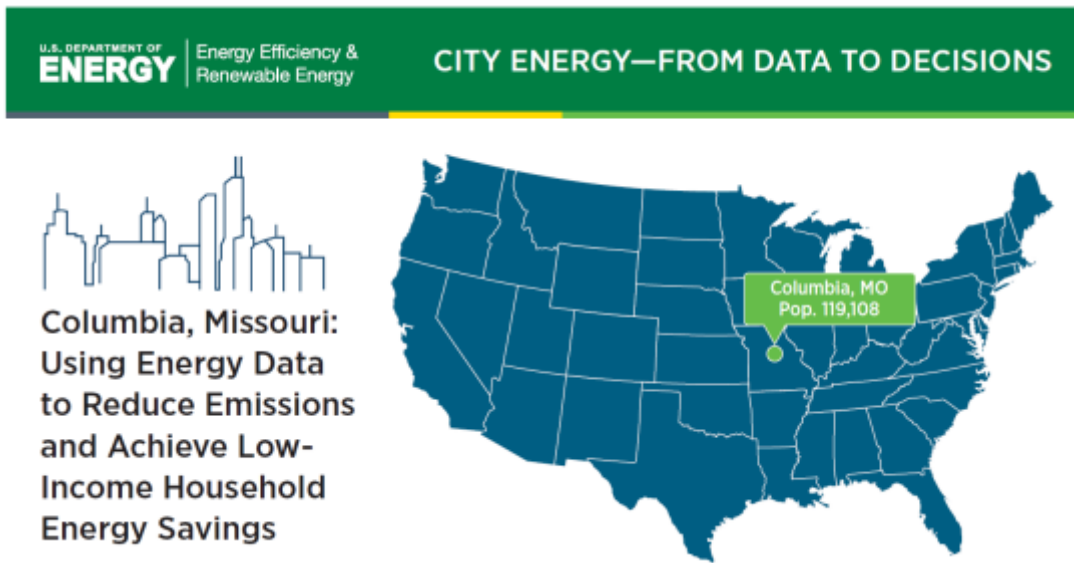
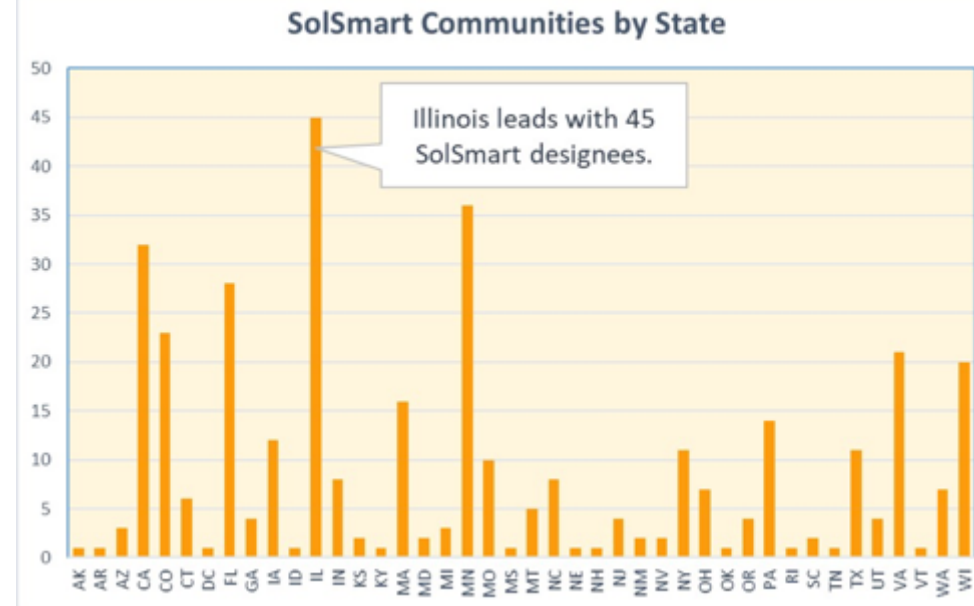


Figure 2. Annual GHG reduction potential of city actions for Columbia, Missouri, based on a carbon abatement potential study (energy.gov/eere/study-shows-carbon-emission-reductions-city-energy-actions), city-provided data, and SLED data (eere.energy.gov/sled)

SolSmart

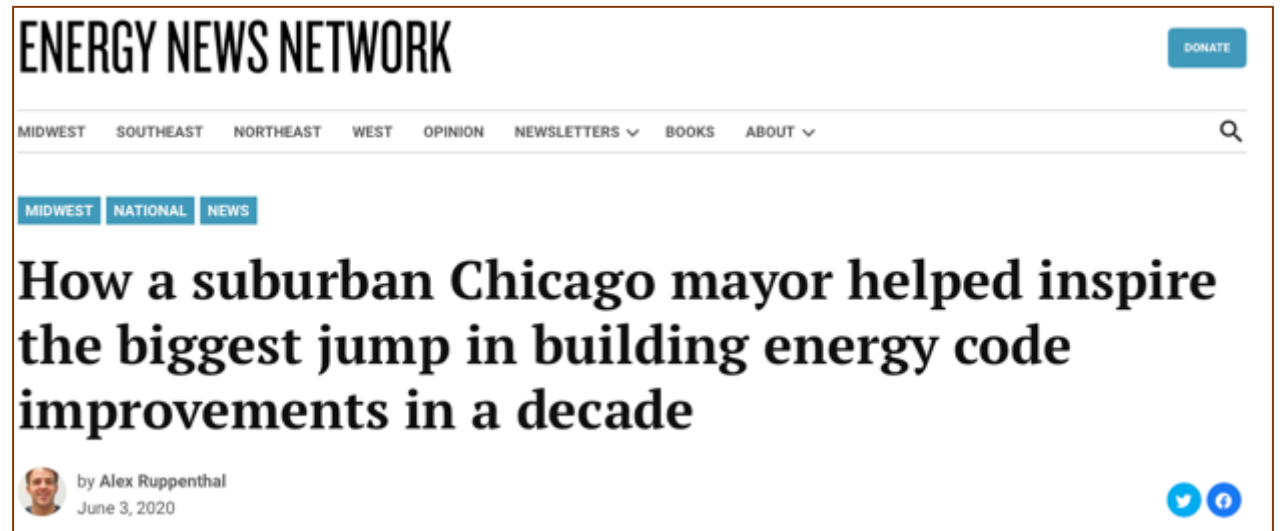
- Streamlined and updated solar codes & policies



Supporting Robust IECC

(International Energy Conservation Code)

- Outreach and support to encourage voting throughout code update process
- Testified at the International Energy Conservation Code (IECC) hearings



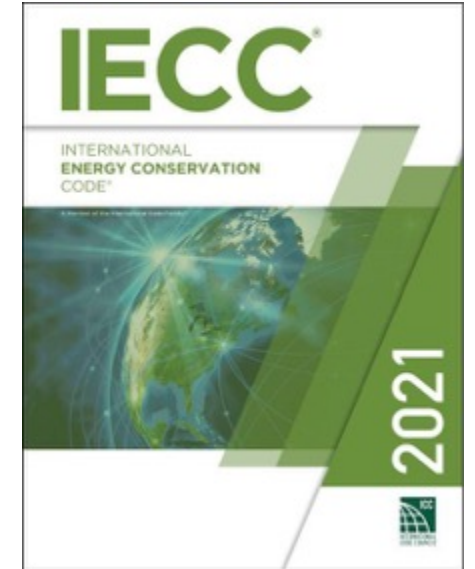
Results of municipal efforts

Good news:

- 2021 IECC – most efficient model code to date
- Boosts commercial and residential building efficiency by 8-14% over the 2018 code
- Carbon emissions will be cut by 50 MMT by 2030

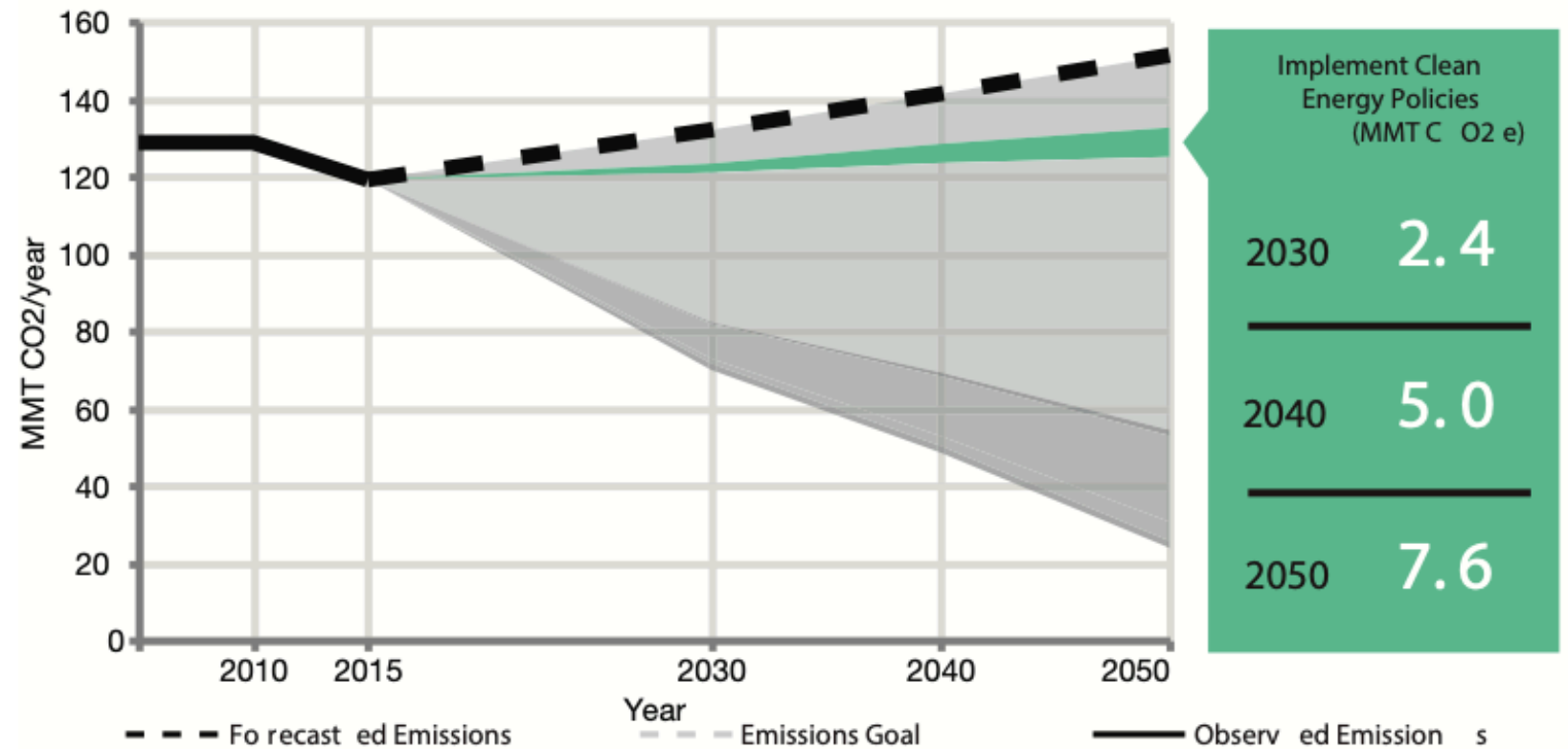
Bad news:

- Local governments opposed IECC code development process change
- But ICC made the change anyway
 - local governments can no longer vote on proposed code changes



Regional Climate Action Plan

- ❑ Support robust building energy codes, benchmarking, and building performance standards for retrofit projects
- ❑ Require high performance and net zero new construction





Happy 5th Birthday to the GRC!



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Region
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COLLABORATING FOR SUSTAINABLE COMMUNITIES