

ON TO 2050

Energy Strategy Paper Scope

GO TO 2040

- Previous recommendations on energy:
 - Link transit, housing, and energy use through livable communities
 - Promote building retrofit programs
 - Foster sustainable practices and renewable energy generation
 - Water energy nexus
 - Costs and financing

ENERGY IMPACT ILLINOIS

- EI2 -- ARRA-funded, nationwide energy efficiency program (2010-2014)
 - \$25 million grant, leveraged additional \$15.9 million in external resources
 - ~6,100 residential / multifamily units retrofitted
 - 23 million SF of commercial studied, 200,000 SF of commercial retrofitted
- Impacts:
 - 4 M kWh / 2 M Therms avoided
 - 10,855 metric tons CO₂
 - 2,261 automobile equivalent
 - \$2.3 million in cumulative costs savings for participants
 - +140 jobs

Focus: ON TO 2050

- Energy Strategy Paper
 - Coordinated by Foresight Design Initiative
 - Main goal: Research and produce an energy strategy paper that provides the touch points that CMAP should include in its energy recommendations for ON TO 2050.
 - Looking at:
 - Major opportunities to make energy system more clean, efficient and equitable
 - Barrier identification and possible solutions
 - Energy connection to regional assets and priorities
 - What is CMAP's role in pursuing these?

Focus: ON TO 2050

- Possible Topics

- Building Efficiency
- Grid Innovation and Resilience
- Transportation Energy
- Generation Sources
- Jobs and Economic Development

- Represented Sectors

- Utilities/Investors
- Consultants
- Entrepreneuers
- Government/Regulatory
- Research Institutions
- Nonprofits
- Property Managers

Next Steps

- Steering Committee / Resource Groups meeting over next several months with stakeholders on topics mentioned
- Draft paper in April, final draft in May
- Circulation of draft to ENR committee for comments/suggestions (April draft)
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- Questions?