



Working Together to Achieve Integrated Demand Side Management (IDSM)

CEA and Its Integrated Approach

What is the California Energy Alliance?

Alliance of organizations and individuals committed to smart, sustainable energy use within California's built environment.



Our Mission

The California Energy Alliance (CEA) unites representatives of a broad range of organizations concerned about energy and the built environment. As a member-based organization, CEA works to improve California's energy future and the migration toward a Zero Net Energy horizon. CEA focuses on the promotion and realization of deep energy savings, sustainable energy generation, and integration. The Alliance actively participates in the development and implementation of pragmatic, environmentally and economically sound building energy standards and other initiatives.



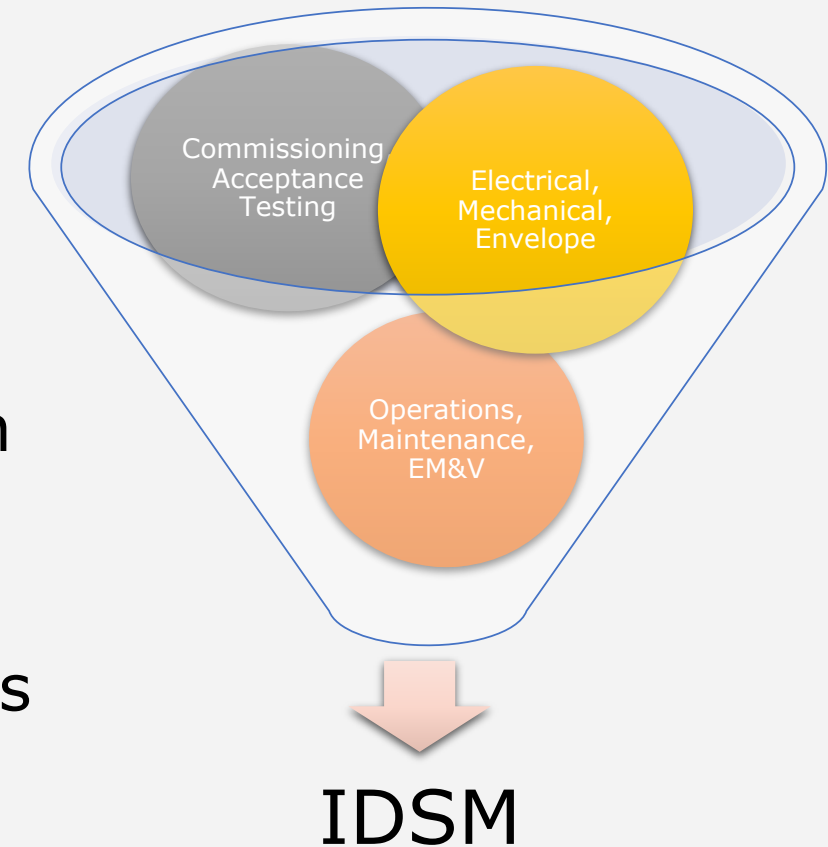
What We Do

- Unite and foster collaboration across diverse disciplines to improve our energy landscape.
- Focus on pragmatic, environmentally and economically sound energy initiatives.
 - **Energy Policy**
 - **Energy Education**
 - **Energy Standards**



Our Vision of IDSM

- Consider ***systems***
over silos of devices
- Consider the ***entire building lifecycle***
over capital construction
- Consider ***flexibility + accountability***
over mandatory requirements

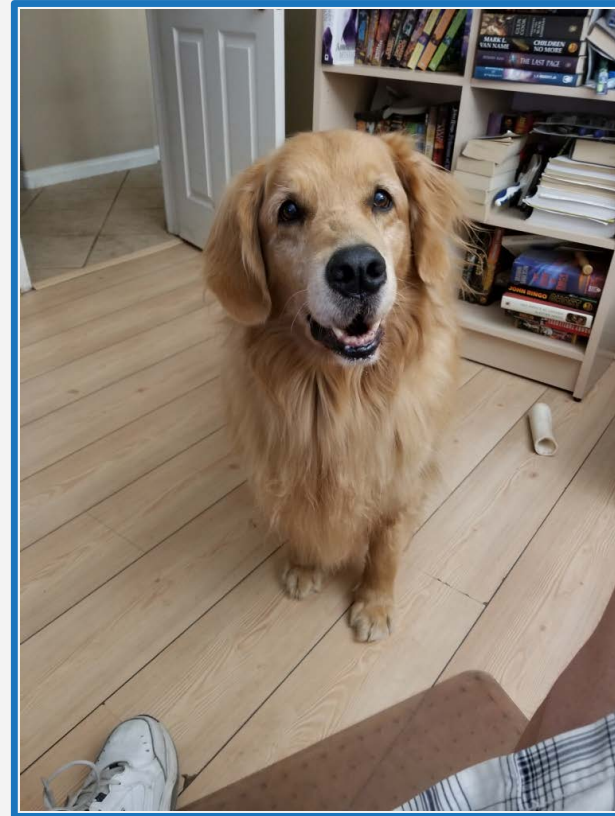


Examples of Current & Future Initiatives

- Current: ***Simplify California's Energy Standards*** to improve savings through clarity and compliance.
 - 2019 - Demand Response
 - 2019 - Lighting Controls Alterations
- Future: ***Performance-based Energy Code***
 - Add accountability into the construction and compliance process



Performance Based Energy Code?



What if.....

- All circuits in every building are metered...
 - Baseline energy use is set for existing buildings
 - Doesn't matter what's installed, delta is existing vs retrofit
- Totally product neutral
- Eliminate estimates, modeling, calculated savings
- Penalty for excess use, Reward for savings



To learn more, visit:
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