

DOCKETED

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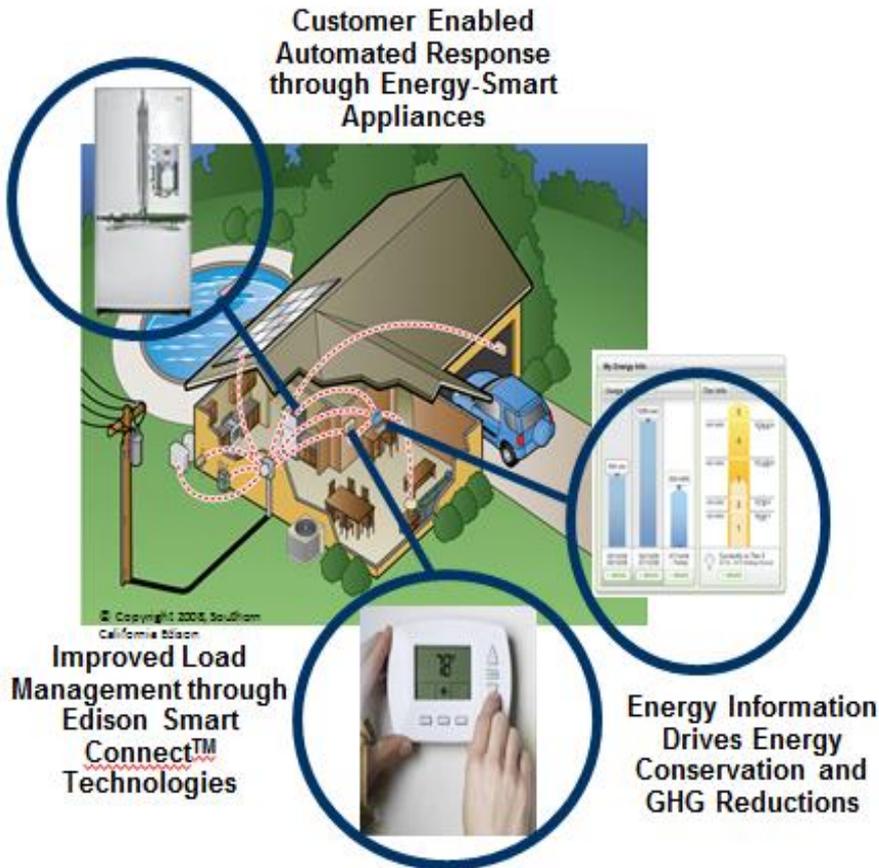
IEPR Lead Commissioner Workshop: Zero Net Energy

Manuel Alvarez

May 18, 2015

SCE Supports Codes and Standards Advancing ZNE Efforts, including Title 20, Title 24, and DOE Energy Standards

Path to ZNE



- Moving California buildings to “ZNE,” or at least making them “ZNE-ready,” first requires constructing building with high levels of Energy Efficiency
- Installing renewable energy systems (e.g., Photovoltaic Solar Systems) is the final step in making a building that is “ZNE”

SCE has been engaged in numerous ZNE projects since the establishment of CPUC ZNE Building Goals

SCE's Recent and Ongoing ZNE Projects

- Grid Integration of Residential Community (Active)
- Department of Energy Solar Decathlon (Active)
- ZNE Office Project in South Pasadena (Active)
- ZNE New Home (Completed in 2014)
- ZNE Institutional Retrofit (Completed in 2014)
- ZNE Existing Home Retrofit (Completed in 2013)
- ZNE Residential Community Retrofit (Completed in 2014)

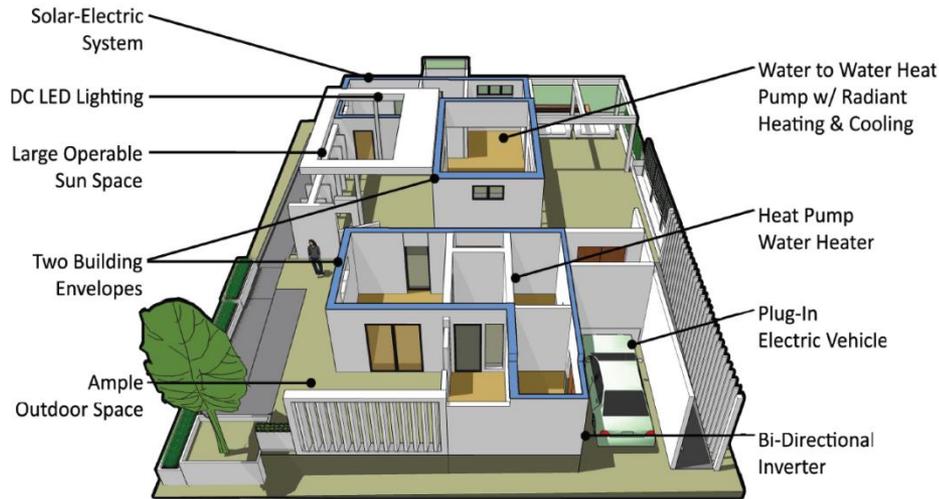
ZNE New Home Project



ZNE New Residential Community



DOE Solar Decathlon



SCE at the DOE Solar Decathlon

