

Cal Pub Util Code § 8360

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§ 8360. Characteristics of smart grid

It is the policy of the state to modernize the state's electrical transmission and distribution system to maintain safe, reliable, efficient, and secure electrical service, with infrastructure that can meet future growth in demand and achieve all of the following, which together characterize a smart grid:

- (a) Increased use of cost-effective digital information and control technology to improve reliability, security, and efficiency of the electric grid.
- (b) Dynamic optimization of grid operations and resources, including appropriate consideration for asset management and utilization of related grid operations and resources, with cost-effective full cyber security.
- (c) Deployment and integration of cost-effective distributed resources and generation, including renewable resources.
- (d) Development and incorporation of cost-effective demand response, demand-side resources, and energy-efficient resources.
- (e) Deployment of cost-effective smart technologies, including real time, automated, interactive technologies that optimize the physical operation of appliances and consumer devices for metering, communications concerning grid operations and status, and distribution automation.
- (f) Integration of cost-effective smart appliances and consumer devices.
- (g) Deployment and integration of cost-effective advanced electricity storage and peak-shaving technologies, including plug-in electric and hybrid electric vehicles, and thermal-storage air-conditioning.
- (h) Provide consumers with timely information and control options.
- (i) Develop standards for communication and interoperability of appliances and equipment connected to the electric grid, including the infrastructure serving the grid.
- (j) Identification and lowering of unreasonable or unnecessary barriers to adoption of smart grid technologies, practices, and services.

History

Added Stats 2009 ch 327 § 1 (SB 17), effective January 1, 2010.

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