



smart
electronics
initiative

FREQUENTLY ASKED QUESTIONS

What is the Green Technology Leadership Group?

The Green Technology Leadership Group (GTLG) is a nonprofit organization committed to providing policy leadership for the sector by connecting innovators with policymakers. Participants in the organization are leading companies, clean technology business organizations and policy experts in the areas of renewable (solar, biomass, wind, and geothermal) energy, alternatives fuels, carbon management, energy efficiency, and other green technology innovators.

More information can be found at www.greentechleadership.org.

What is the Smart Electronics Initiative?

The Smart Electronics Initiative (SEI) is a unique collaborative of consumer electronics developers, manufacturers, and retailers working together with policymakers, academia and technical analysts to develop a framework to incentivize the production and use of energy-efficient consumer electronics devices. The SEI identifies “smart” technologies, educates consumers and develops new policy recommendations to improve energy efficiency in consumer electronics. Early leaders for the initiative include: ARM Holdings, Belkin, Marvell, ON Semiconductor, Power Integrations, and the Lawrence Berkeley National Laboratory.

The Smart Electronics Initiative was founded by the Green Technology Leadership Group.

More information can be found at: <http://greentechleadership.org/programs/smart-electronics-initiative>.

Who are the members of GTLG?

Our members are companies dedicated to energy efficiency innovation. Some of our members are: ARM Holdings, Belkin, Marvell, ON Semiconductor, Pace, and Power Integrations.

More information can be found at: <http://greentechleadership.org/members>.

What’s our relationship with these companies?

We provide a voice between the manufacturers and policymakers to find a common ground on creating more energy-efficient consumer electronics.

What is Title 20?

Title 20 is the 20th title within the California Code of Regulations (CCR) and regulates the energy efficiency of appliances and consumer electronics.

The California Energy Commission most recently proposed regulations for the following:

Topic	Phase 1 2012-2013	Phase 2 2013-2014	Phase 3 2014-2015
Consumer electronics	Displays, game consoles, computers, set-top boxes	Servers, imaging equipment	Low-power modes, power factor
Lighting	Dimming ballasts, multifaceted reflector (MR) lamps, light-emitting diode (LED) lamps	EISA exempt lamps, lighting accessories, outdoor lighting	Linear fluorescent fixtures
Water and other appliances	Commercial clothes dryers, toilets and urinals, air filter labeling, faucets, amend pools and spas standards, water meters	Plug-in luminous signs, irrigation equipment	Commercial dishwashers, recirculation pumps, refrigeration condensing units

The 2013 proposed regulations can be found at:

http://www.energy.ca.gov/appliances/2012rulemaking/notices/prerulemaking/2012-03-14_Appliance_Efficiency_OIR.pdf.

The 2012 current regulations can be found at: <http://www.energy.ca.gov/2012publications/CEC-400-2012-019/CEC-400-2012-019-CMF.pdf>.

What does the regulations for consumer electronics include?

Displays, game consoles, computers, and set-top boxes and other networking equipment are a part of the first phase. They may be selected to have regulations by the final phase, according to the CEC, by the summer of 2014.