

Role of CA Utility Programs in addressing MELS

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Together, Building
a Better California

OVERVIEW

- Growing realization for utilities on the impact of miscellaneous electric loads (MELS) in buildings
- Lot of ongoing data collection activities in support of products, programs and services for addressing MELS
- Data collection activities primarily happens in the:
 - Emerging Technologies Programs
 - Codes and Standards Programs
- These activities support 3 deployment channels
 - Upstream/Midstream - working with manufacturers and retailers
 - Downstream – direct to consumer
 - Policy – Codes and Standards development

PROGRAM ACTIVITIES

Recent activities have focused on efforts via ET and transitioning to our Residential Program and one in our Commercial Program

Residential:

- Tier 2 Advanced Power Strips (APS) for AV equipment
 - Automatically eliminate standby power loads in residential home audio visual (AV) entertainment systems, for devices such as TVs, DVD players, game consoles, stereo systems, and AV receivers. APS Tier 2 addresses both active and standby power of the AV system
 - Lab and field study (~ 100 homes) done by SDG&E and PG&E



PROGRAM ACTIVITIES

Residential (continued):

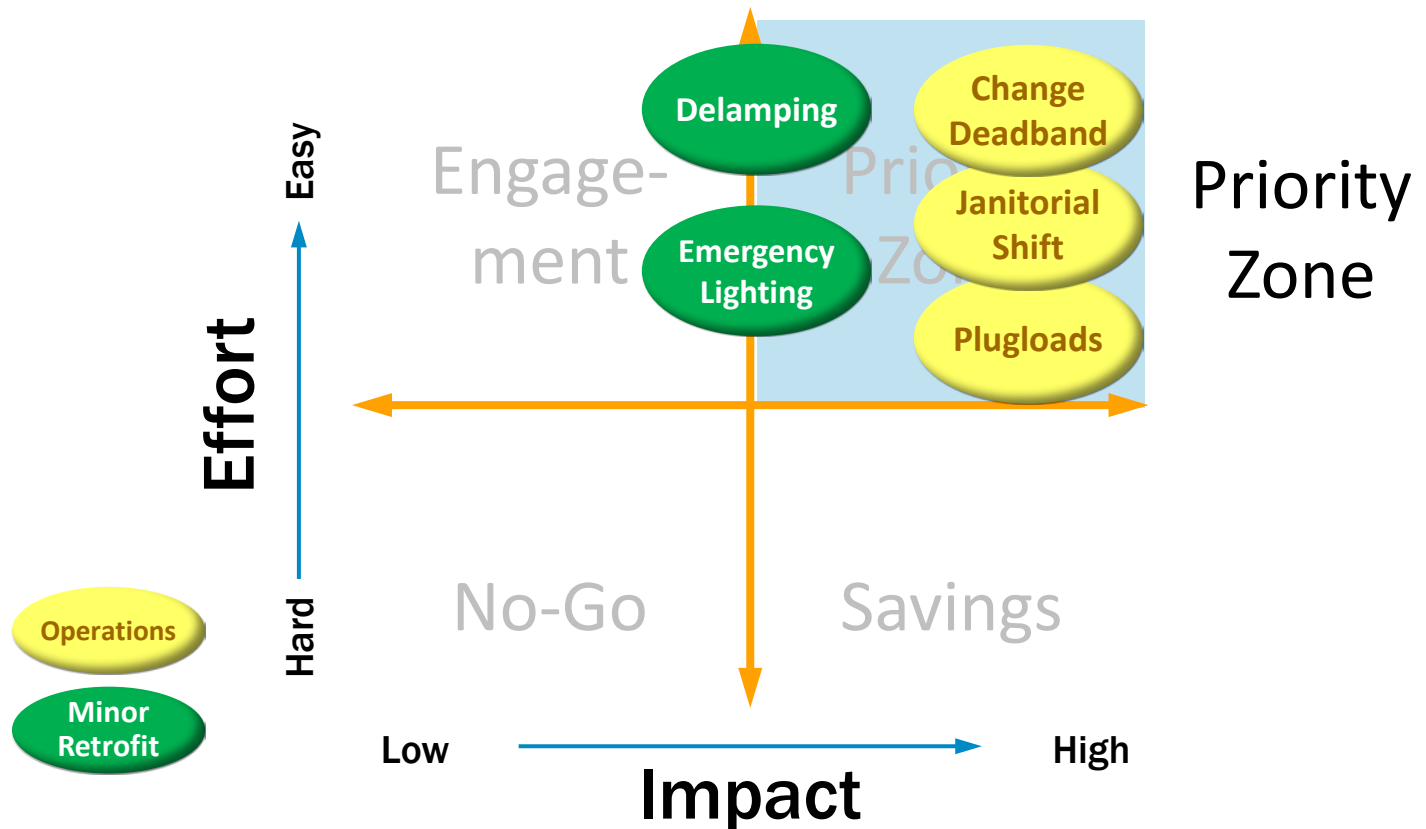
- Retail Plug Load Portfolio/Program (RPP)
 - Working with retailers and distributors to stock more energy efficient plug load devices like sounds bars, air filtration devices etc
 - Program relies on a national coalition led by the EPA and working with Distributors to ensure more ready availability of Energy Star and other advanced performance devices



PROGRAM ACTIVITIES

Commercial:

- Data collection via PG&E's Step Up Power Down Program's Energy Practices Inventory (EPI) for Large Commercial and SMB customers



PROGRAM ACTIVITIES

Codes and Standards

Codes and Standard activities typically focus on data collection. Ongoing projects include

Study	Purpose	Staus	Posted here when complete
Standby testing for plug load equipment	Data to be used for CASE study development	Ongoing	CEC Website
1000 home field study	Determine the most common uses and average per home	Audits completed Summer 2016 Metering ongoing	Summary Report posted on CEC Website
CASE study for ZNE home	Data to be used for 2019 Title 24	2016 Kick-off	CEC Website