

## DOCKETED

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# JULY 28 WORKSHOP

CALIFORNIA ENERGY COMMISSION  
FAUCETS & SHOWERHEADS

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Plumbing Manufacturers International (PMI)

# Overview

- Plumbing Manufacturers International (PMI) appreciates this opportunity to provide our input to the California Energy Commission (CEC) in advance of the July 28<sup>th</sup> CEC Workshop.
- PMI offers the following proposal and timeline for consideration by the CEC.

# Proposal

- 1.5 gpm residential lavatory faucets – Immediately
- 1.2 gpm residential lavatory faucets – January 1, 2017
- 2.0 gpm showerheads – July 1, 2016
- Concurred with new requirements the for kitchen faucets, toilets and urinals
- Note: the “offer for sale” date stipulation drove considerable complexity and time required for the management of field inventory

# PMI Overview of Timeline for Implementation of California Energy Commission's Emergency Regulation

2015						2016												2017	
Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan		
Residential lavatory faucets - 1.2 gpm max.	1.5 gpm faucets are readily available for sale																		
		Product Development/ Production/Certification				Product Distribution													
		Develop technical solutions							Third-party testing, certification and listing										
		Update product gpm markings and drawings	Update product specifications, literature, packaging and website								Production & Distribution / Establish return channels with retailers & distributors for 2.2 gpm and 1.5 gpm residential lavatory faucets								
		1.5 gpm faucets in stock at retail and wholesale - purge 2.2 gpm inventories										Sell through 1.5 gpm inventory/restock shelves - 1.2 gpm preparation						1.2 gpm faucets on shelves for sale by Jan 1, 2017	
Showerheads - 2.0 gpm max.	Develop technical solutions			Third-party testing, certification and listing															
	Update product gpm markings and drawings	Update product specs, literature, packaging & website				Production & Distribution / Establish return channel with retailers & distributors for 2.5 gpm showerheads													
					Sell through 2.5 gpm inventory/restock shelves - 2.0 gpm preparation						2.0 gpm showerheads on shelves for sale by July 1, 2016								

Aerator Manufacturer

Faucet Manufacturer

Retailer & Distributor

# CEC Staff Recommendation - July 24

- Key Provisions include:

- **Residential Lavatory Faucets**

- Beginning September 1, 2015, only 1.5 gpm or less faucets can be offered for sale.
- Extend effective date for 1.2 gpm flow rate faucets to July 1, 2016.
- Allow the sale or offer for sale of faucets of 1.5 gpm or less that were manufactured before July 1, 2016.

- **Showerheads**

- All showerheads manufactured on or after January 1, 2016 shall not exceed 2.0 gpm max flow at 80 psi.

## 2.0 gpm max. showerheads

- **Public Health and Safety**

- Showerheads must be balanced with shower valves in order to protect the bather from thermal shock and scalding hazards.
- There are very few automatic compensating valves that are available for sale that are proven and certified for use with showerheads with a maximum flowrate below 2.0 gpm.

- **Water Savings and Consumer Satisfaction**

- Showerheads with a maximum flow rate of 2.0 gpm achieve 20% water savings over federal standards, while meeting strict performance requirements.
- 2.0 gpm showerheads ensure a satisfactory showering experience for users whom are then more likely to continue compliance and thus save water.

# Conclusion

- PMI respectfully requests that the Commission consider our proposal.
  - This proposal will achieve high-levels of water savings, while ensuring public health and safety.
  - This proposal will ensure that product is available on the shelves without market disruption.



# THANK YOU

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