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July 26, 2013

California Energy Commission
Dockets Office, MS-4
Re: Docket No. 12-AAER-2C
1516 Ninth Street
Sacramento, CA 95814-5512
Via email: docket@energy.ca.gov

California Energy Commission

DOCKETED
12-AAER-2C

TN 71713

JUL 26 2013

RE: Invitation to Submit Proposals
2012-2013 Appliance Efficiency Rulemaking
Docket # 12-AAER-2C (Water Appliances)

Dear Commissioners,

Moen Incorporated appreciates the opportunity to provide comments regarding this Rulemaking. We acknowledge that the California Energy Commission was seeking a very detailed Efficiency Proposal; however, much of the information sought is currently unavailable, proprietary in nature, or unfeasible to obtain due to time or cost.

As you may be aware, plumbing products are currently regulated by the 2010 California Plumbing Code (CPC) and the 2010 California Green Building Standards Code (CalGreen). Both Code's reference a large number of existing standards which provide detailed requirements for the product design, test procedures, performance, and marking and labeling. These standards took significant time to develop and some have existed for decades. Also, they're periodically reviewed and updated by stakeholders working within a consensus standards development process. This process is administered by a standards development organization like ASME with oversight and approval by an accreditation agency such as ANSI.

Chapter 14 of the CPC includes a large comprehensive list of standards while Chapter 4 details additional requirements, including flow rates, for Plumbing Fixtures and Fixture Fittings. Note that section 301.1.1 requires plumbing products to be third party certified to the standards contained in Chapter 14. The International Association of Plumbing and Mechanical Officials (IAPMO), publisher of the Uniform Plumbing Code (UPC) which is used as the model code for the CPC, is also a third party certifier.

In addition to the CPC, new construction is also required to comply with CalGreen which contains water conservation requirements for residential and nonresidential construction. The 2010 CalGreen has been in effect since Jan. 1, 2011 and many manufacturers have responded with products compliant with this code. During development of the upcoming 2013 CalGreen, Moen and other industry members provided comments supporting the safe and efficient use of water. Implementing new standards that may conflict with CalGreen creates an enormous burden on local merchants and manufacturers. The

table below summarizes the current maximum water usage requirements specified by the CEC and the 2013 CalGreen.

Device	Current CEC Max Water Usage	CalGreen Max Water Usage
Water closets	1.6 gpf	1.28 gpf
Urinals	1.0 gpf	0.5 gpf
Showerheads	2.5 gpm	2.0 gpm
Residential lavatory faucets	2.2 gpm	1.5 gpm
Public lavatory faucets	0.5 gpm	0.5 gpm
Metering faucets	0.25 gpc	0.2 gpc
Kitchen faucets	2.2 gpm	1.8 gpm with an optional temporary increase to 2.2 gpm

Moen Incorporated recommends that the CEC simply reference the appropriate existing sections of the current editions of the CPC and CalGreen. Harmonization across the California government agencies benefits all parties involved by eliminating conflicting requirements for manufacturers, simplifying the administration, and eliminating confusion in the marketplace for merchants and consumers alike. Additionally, Moen recommends that the implementation date be January 1, 2016 to allow California merchants, large and small, the opportunity to deplete existing inventory and transition to the new requirements.

Respectfully submitted,



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