

DOCKETED

Docket Number:	15-AAER-05
Project Title:	Residential Lavatory Faucets and Showerheads
TN #:	205559
Document Title:	NRDC Workshop Presentation
Description:	N/A
Filer:	John Nuffer
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	7/30/2015 9:33:39 AM
Docketed Date:	7/30/2015

TITLE 20 RULEMAKING – LAVATORY FAUCETS & SHOWERHEADS



JULY 28, 2015

Lavatory Faucets – In Support of a 1.2 GPM Standard

THE 1.2 GPM STANDARD / IMPLEMENTATION SCHEDULE AS ADOPTED IS REASONABLE

Compliant Products are Available Now

- DOE website shows that there are 378 Faucets and Faucet Aerators rated at 1.0 gpm

Compliant Products Provide Customer Satisfaction

- In Tampa, Florida 1.0 gpm at 60 psi were installed, and 89 percent of study participants felt the high-efficiency aerators performed the same or better than their old fixtures.

Lavatory Faucets – In Support of a 1.2 GPM Standard

THIS ISN'T THE FIRST TIME MANUFACTURERS HAVE
CLAIMED THAT IMPLEMENTATION SCHEDULES ARE
IMPOSSIBLE

Refrigerator Energy Efficiency

Television Energy Efficiency

Automobile Fuel Efficiency

Lavatory Faucets – In Support of a 1.2 GPM Standard

CALIFORNIA IS EXPERIENCING THE 4TH YEAR OF EPIC DROUGHT

- The snowpack in 2015 was the lowest in recorded history in California
- Current drought has coincided with several temperature records
- 2012-2014 Driest Period in 1,200 years
- Water suppliers are now required to reduce water use by 25% (with individual targets between 8 and 36%)
- Even a strong El Nino will not end this drought

Lavatory Faucets – Proposed Alternative Schedule

STAFF RECOMMENDATION IS ACCEPTABLE,
BUT COULD BE MORE AGGRESSIVE FOR AERATORS

Immediately: 1.5 gpm for all residential lavatory faucets
and aerators (*as proposed by PMI and Delta*)

January 1, 2016: 1.2 gpm for all aerators

July 1, 2016: 1.2 gpm for all residential lavatory faucets

Showerheads

RDC SUPPORT THE IOU PROPOSAL FOR A NEW
SHOWERHEAD STANDARD IN THE CASE REPORT

2016 - Max Flow Rate: 2.0 gpm

2018 - Max Flow Rate: 1.8 gpm

no additional cost premium for 1.8 gpm

for 2.0 gpm products

life-cycle savings > \$400 per showerhead

Important additional

- Body Sprays / Hand Held Showerheads

“Showerhead” means a device component or set of components distributed in commerce for attachment to a single supply fitting through which water is discharged for a shower bath.

Showerhead means any showerhead (including a body spray or a hand held showerhead), except excluding safety showerheads.

- Labeling and reporting the rated flow of shower mixing valves

OTHER PRODUCTS FOR CONSIDERATION



Tub Spout Diverters



Commercial Dishwashers



Irrigation Controllers



Irrigation Emitters