

DOCKETED

Docket Number:	21-AAER-01
Project Title:	Appliance Efficiency Regulations for Dipper Wells
TN #:	240833
Document Title:	Request for Information on Appliance Efficiency Regulations for Dipper Wells
Description:	Written comments are due February 4, 2022.
Filer:	Jessica Lopez
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	12/6/2021 11:02:55 AM
Docketed Date:	12/6/2021

CALIFORNIA ENERGY COMMISSION715 P Street
Sacramento, California 95814energy.ca.gov

CEC-057 (Revised 1/21)



Request for Information (RFI)

Appliance Efficiency Regulations for Dipper Wells

Docket 21-AAER-01

Written Comments Due: February 4, 2022

The California Energy Commission (CEC) seeks information from interested parties as it considers establishing efficiency standards, test procedures, marking requirements, certification requirements, and any other appropriate regulations for dipper wells.

Background

The CEC continues to work toward a clean and equitable energy future for California through implementation of innovative energy policies, including establishing water efficiency standards for indoor and outdoor appliances. Dipper wells are continuous-flow sinks, hot or cold, used to rinse serving utensils in the food service industry such as ice cream stores, coffee shops, juice spots, and full-service restaurants.

On October 13, 2021, the CEC issued an order instituting rulemaking (OIR) to formally begin considering efficiency standards, test procedures, marking requirements, and other efficiency measures for dipper wells. Any measures resulting from the OIR will be incorporated into California Code of Regulations, Title 20, Sections 1601–1609, the Appliance Efficiency Regulations.

Request for Information

The request for information (RFI) provides interested parties an opportunity to provide written comment on the development of efficiency standards for dipper wells. Where feasible, comments should be as specific as possible and include examples and recommendations with supporting references. CEC staff will review comments in depth and may use the information provided to develop regulatory proposals for dipper wells. Proposed regulatory standards will be based on the proceeding record, which may include data and technical information provided by CEC staff and stakeholders.

Staff has identified the following appliance types and examples to be included in the scope of dipper wells:

Table 1: Scope

Appliance	Classifications
Dipper Wells	<ul style="list-style-type: none">• Continuous/perpetual at various flow rates• Heated• Manual draining/manual refilling• Automatic/activation sensor• Pressure rinsing

Source: California Energy Commission

The CEC seeks information for dipper wells on:

- Product definition and scope.
- Existing test procedures and test procedures under development.
- Sources of test data.
- Existing standards and standards under development.
- Product lifetime.
- Operations, functions, and modes.
- Energy-saving technologies, components, and features.
- Per-unit energy or water savings.
- Incremental cost.
- Market characteristics and market share.
- Installed base characteristics.
- Design and sales cycles.
- Product development trends.
- Market competition for efficient products.
- Health and safety.
- Impact to small businesses.
- Impact to low-income consumers and disadvantaged communities.

The CEC will review and consider all information received through the docket.

Interested parties are encouraged to provide input in the development of the proposed appliance efficiency standards for dipper wells.

Feedback and Public Input

The following questions are examples of information for which staff is seeking feedback in relation to the topics listed above for dipper wells:

1. Based on **Table 1**, are there additional examples that should be considered in scope or out-of-scope? Based on what factors?
2. What definitions are useful to describe dipper wells and types of dipper wells? Are there certain characteristics that separate the components (that is, faucet, basin, and so forth) used for dipper wells from components used in other applications or products?

3. Dipper wells are found in juice shops, coffee shops, ice cream shops, and full-service restaurants. Are there other food service locations or unique food service locations that staff should investigate?
4. For the dipper well classifications listed in **Table 1**, what is the appropriate application(s) or usage for each type? For example, heated dipper wells are suited to rinse serving utensils covered with high fat content.
5. Are there other efficient technologies available on the market? Are there new upcoming developments?
6. Are there alternatives to dipper wells used in the food service industry? Will these alternatives vary based on use or application? For example, will an alternative to a dipper well in a coffee shop be different to an alternative used in an ice cream shop?
7. The International Association of Plumbing & Mechanical Officials (IAPMO) National Uniform Plumbing Code lists voluntary standards for dipper wells. Are there other approaches available? Please include references to publicly available sources.
8. What inspections or test methods should staff use to verify compliance with each approach?
9. Is there current research or advancements of standards for dipper wells?
10. What is the market share of each identified classification in **Table 1**?
11. What percentage of dipper wells are leased or sold in California?
12. Staff estimates the current installed stock is more than 100,000 units. What sources of information are available to estimate current and projected stock in California?
13. What are the retail costs per unit or difference in costs among the various types of dipper wells listed in **Table 1**?
14. What are the installation costs? What are the repair costs versus replacement costs?
15. Staff estimates the product lifetime of dipper wells is 10 years. Are there alternative assumptions for product lifetime that staff should consider and why? How do product lifetimes vary by product type? Please provide sources of information for those alternative assumptions.
16. What is the typical run time for dipper wells? Do they vary by food service type?
17. Which sources should be considered to estimate commercial water and electricity utility rates?
18. Do some manufacturers provide broad product offerings while others focus on specialty products?
19. How many small businesses are involved in the manufacturing, sale, or installation of these products in California? And how might small businesses be affected by any changes to dipper wells?
20. What are the potential impacts and benefits proposed standards may have on low-income customers and disadvantaged communities?

Submitting Comments to the CEC Docket

Participation is encouraged because public input is essential to ensure a complete record for this rulemaking.

Written comments must be submitted to the Docket Unit by **February 4, 2022**.

Written comments, attachments, and associated contact information (for example, address, telephone number, email address) will become part of the public record of this proceeding with access available via any internet search engine. One or more public hearings and public input periods will follow on the proposed draft text of regulations.

The CEC encourages use of its electronic commenting system. Visit the [e-commenting page](https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=21-AAER-01), <https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=21-AAER-01>, which links to the comment page for this docket. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the "Comment Text" box or attached in a format consistent with California Code of Regulations, Title 20, Section 1208.1. The maximum file size is 10 MB.

Written comments may also be submitted by email. Include the docket number 21-AAER-01 and "Dipper Wells RFI" in the subject line and send to docket@energy.ca.gov.

If preferred, a paper copy may be submitted to:

California Energy Commission
Docket Unit
Re: Docket No. 21-AAER-01
715 P Street
Sacramento, CA 95814

If interested parties wish to maintain the confidentiality of specific data or information, they should submit an application for confidentiality and the confidential documents directly to the Docket Unit through the e-filing system. For information on applying for confidentiality, interested parties should contact the Docket Unit in the CEC's Chief Counsel's Office before submitting a response to this RFI. Otherwise, all responses received will become publicly available. Visit the [Docket Unit page](https://www.energy.ca.gov/about/divisions-and-offices/chief-counsels-office/docket-unit), <https://www.energy.ca.gov/about/divisions-and-offices/chief-counsels-office/docket-unit>, which links the application for confidentiality.

Questions regarding submitting comments to the docket, including inquiries regarding confidentiality, should be referred to the Docket Unit at docket@energy.ca.gov or (916) 654-5076.

Public Advisor and Other Commission Contacts

The CEC's Public Advisor assists the public with participating in CEC proceedings. To request interpreting services, reasonable modification or accommodations, and other modifications, contact the Public Advisor at publicadvisor@energy.ca.gov or by phone at (916) 957-7910. Requests should be made as soon as possible but at least five days in

advance. The CEC will work diligently to meet all requests based on the availability of service or resource needed.

Direct questions on the subject matter of this RFI to Jessica Lopez at jessica.lopez@energy.ca.gov or call (916) 903-4165, or Ryan Radford at ryan.radford@energy.ca.gov or call (916) 865-7671.

Media

Direct media inquiries to the Media and Public Communications Office at mediaoffice@energy.ca.gov or call (916) 654-4989.

Subscribing to E-mail List Servers

Interested parties who would like to follow or participate in this proceeding should subscribe to the CEC's "appliances - Appliance Efficiency Standards" list server found at the [List Servers webpage](https://ww2.energy.ca.gov/listservers/index_cms.html), https://ww2.energy.ca.gov/listservers/index_cms.html. By subscribing to this list server, interested parties are consenting to receive information, notices, and other communications, including information associated with CEC's efficiency-related rulemaking proceedings, by electronic mail.

Availability of Documents

All records for the process will be accessible in the [Appliance Efficiency Regulations for Dipper Wells docket](#) 21-AAER-01, <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=21-AAER-01>. When new information is posted, an email will be sent to those on the Appliances list server. To receive these notices, subscribe at the [Appliance Efficiency Proceedings webpage](#), <https://www.energy.ca.gov/rules-and-regulations/appliance-efficiency-regulations-title-20/appliance-efficiency-proceedings>.