

DOCKETED

Docket Number:	19-AAER-02
Project Title:	Replacement Pool Pump Motors
TN #:	234869
Document Title:	Standard Form 399
Description:	Economic and Fiscal Impact Statement Form 399
Filer:	Corrine Fishman
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	9/22/2020 1:29:47 PM
Docketed Date:	9/22/2020

**ECONOMIC AND FISCAL IMPACT STATEMENT
(REGULATIONS AND ORDERS)**

STD. 399 (REV. 12/2013)

ECONOMIC IMPACT STATEMENT

DEPARTMENT NAME California Energy Commission	CONTACT PERSON Corrine Fishman	EMAIL ADDRESS corrine.fishman@energy.ca.gov	TELEPHONE NUMBER 916-654-4976
DESCRIPTIVE TITLE FROM NOTICE REGISTER OR FORM 400 Appliance Efficiency Regulations for Replacement Dedicated-Purpose Pool Pump Motors (RDPPPM)			NOTICE FILE NUMBER Z

A. ESTIMATED PRIVATE SECTOR COST IMPACTS *Include calculations and assumptions in the rulemaking record.*

1. Check the appropriate box(es) below to indicate whether this regulation:

- a. Impacts business and/or employees
- b. Impacts small businesses
- c. Impacts jobs or occupations
- d. Impacts California competitiveness
- e. Imposes reporting requirements
- f. Imposes prescriptive instead of performance
- g. Impacts individuals
- h. None of the above (Explain below):

*If any box in Items 1 a through g is checked, complete this Economic Impact Statement.
If box in Item 1.h. is checked, complete the Fiscal Impact Statement as appropriate.*

2. The California Energy Commission estimates that the economic impact of this regulation (which includes the fiscal impact) is:
(Agency/Department)

- Below \$10 million
- Between \$10 and \$25 million
- Between \$25 and \$50 million
- Over \$50 million *[If the economic impact is over \$50 million, agencies are required to submit a Standardized Regulatory Impact Assessment as specified in Government Code Section 11346.3(c)]*

3. Enter the total number of businesses impacted: 600

Describe the types of businesses (Include nonprofits): Retailers/Distributors of pool pumps/motors; electric utilities (see attachment)

Enter the number or percentage of total businesses impacted that are small businesses: 60

4. Enter the number of businesses that will be created: 0 eliminated: 0

Explain: The economic impact will not lead to the creation or elimination of businesses (see attachment)

5. Indicate the geographic extent of impacts: Statewide
 Local or regional (List areas): _____

6. Enter the number of jobs created: 0 and eliminated: 0

Describe the types of jobs or occupations impacted: May indirectly create jobs by increasing the disposable income of California consumers and businesses due to savings from lower utility bills. It is unlikely to eliminate jobs in California.

7. Will the regulation affect the ability of California businesses to compete with other states by making it more costly to produce goods or services here? YES NO

If YES, explain briefly: _____

**ECONOMIC AND FISCAL IMPACT STATEMENT
(REGULATIONS AND ORDERS)**

STD. 399 (REV. 12/2013)

ECONOMIC IMPACT STATEMENT (CONTINUED)

B. ESTIMATED COSTS *Include calculations and assumptions in the rulemaking record.*

- What are the total statewide dollar costs that businesses and individuals may incur to comply with this regulation over its lifetime? \$ 112 million
 - Initial costs for a small business: \$ 389 - \$424 per motor Annual ongoing costs: \$ 0 Years: 2020 - 2029
 - Initial costs for a typical business: \$ 389 - \$424 per motor Annual ongoing costs: \$ 0 Years: 2020 - 2029
 - Initial costs for an individual: \$ 389 - \$424 per motor Annual ongoing costs: \$ 0 Years: 2020 - 2029

d. Describe other economic costs that may occur: Manufacturers will incur testing costs of approximately \$2000 per model. There are approximately 200 models subject to regulations. Costs are passed on to individuals and business (see attachment)
- If multiple industries are impacted, enter the share of total costs for each industry: Utility and electricity generators are indirectly impacted through reduced sales of electricity, but reduction is small compared to overall electricity sales.
- If the regulation imposes reporting requirements, enter the annual costs a typical business may incur to comply with these requirements. *Include the dollar costs to do programming, record keeping, reporting, and other paperwork, whether or not the paperwork must be submitted.* \$ _____
- Will this regulation directly impact housing costs? YES NO
If YES, enter the annual dollar cost per housing unit: \$ _____
Number of units: _____
- Are there comparable Federal regulations? YES NO
Explain the need for State regulation given the existence or absence of Federal regulations: In January 2017, DOE established energy efficiency standards for dedicated-purpose pool pump motors (DPPP) effective July 19, 2021, but not for RDPPPM.
Enter any additional costs to businesses and/or individuals that may be due to State - Federal differences: \$ None.

C. ESTIMATED BENEFITS *Estimation of the dollar value of benefits is not specifically required by rulemaking law, but encouraged.*

- Briefly summarize the benefits of the regulation, which may include among others, the health and welfare of California residents, worker safety and the State's environment: Proposed regulation benefits residents and businesses with pools through savings of lower utility bills. It will save approximately \$82 million annually to businesses and individuals after full stock turnover of replacement pool pump motors.
- Are the benefits the result of: specific statutory requirements, or goals developed by the agency based on broad statutory authority?
Explain: Public Resources Code Sections 25213, 25218(e) and 25402(a)-(c),(f).
- What are the total statewide benefits from this regulation over its lifetime? \$ 564 million
- Briefly describe any expansion of businesses currently doing business within the State of California that would result from this regulation: None.
Shipments and sales of replacement motors are not expected to change significantly. The economic impact is likely to be small compared to total sales and the impact is insufficient to expand businesses in California.

D. ALTERNATIVES TO THE REGULATION *Include calculations and assumptions in the rulemaking record. Estimation of the dollar value of benefits is not specifically required by rulemaking law, but encouraged.*

- List alternatives considered and describe them below. If no alternatives were considered, explain why not: Several alternatives were considered including a less stringent and least stringent option. Descriptions of the alternatives considered can be found in the Initial Statement of Reasons for this rulemaking.

**ECONOMIC AND FISCAL IMPACT STATEMENT
(REGULATIONS AND ORDERS)**

STD. 399 (REV. 12/2013)

ECONOMIC IMPACT STATEMENT (CONTINUED)

2. Summarize the total statewide costs and benefits from this regulation and each alternative considered:

Regulation: Benefit: \$ 564 million Cost: \$ 112 million
 Alternative 1: Benefit: \$ 332 million Cost: \$ 55 million
 Alternative 2: Benefit: \$ 111 million Cost: \$ 10 million

3. Briefly discuss any quantification issues that are relevant to a comparison of estimated costs and benefits for this regulation or alternatives: State selected the RPPM efficiency standard that was technically feasible, cost-effective, and yielded significant energy savings to California individuals and businesses.

4. Rulemaking law requires agencies to consider performance standards as an alternative, if a regulation mandates the use of specific technologies or equipment, or prescribes specific actions or procedures. Were performance standards considered to lower compliance costs? YES NO

Explain: A prescriptive variable speed motor will provide the flexibility to provide the lowest water flow necessary using the least amount of energy to be effective.

E. MAJOR REGULATIONS *Include calculations and assumptions in the rulemaking record.*

California Environmental Protection Agency (Cal/EPA) boards, offices and departments are required to submit the following (per Health and Safety Code section 57005). Otherwise, skip to E4.

1. Will the estimated costs of this regulation to California business enterprises exceed \$10 million? YES NO

*If YES, complete E2. and E3
If NO, skip to E4*

2. Briefly describe each alternative, or combination of alternatives, for which a cost-effectiveness analysis was performed:

Alternative 1: _____
Alternative 2: _____

(Attach additional pages for other alternatives)

3. For the regulation, and each alternative just described, enter the estimated total cost and overall cost-effectiveness ratio:

Regulation: Total Cost \$ _____ Cost-effectiveness ratio: \$ _____
 Alternative 1: Total Cost \$ _____ Cost-effectiveness ratio: \$ _____
 Alternative 2: Total Cost \$ _____ Cost-effectiveness ratio: \$ _____

4. Will the regulation subject to OAL review have an estimated economic impact to business enterprises and individuals located in or doing business in California exceeding \$50 million in any 12-month period between the date the major regulation is estimated to be filed with the Secretary of State through 12 months after the major regulation is estimated to be fully implemented?

YES NO

If YES, agencies are required to submit a Standardized Regulatory Impact Assessment (SRIA) as specified in Government Code Section 11346.3(c) and to include the SRIA in the Initial Statement of Reasons.

5. Briefly describe the following:

The increase or decrease of investment in the State: No increase or decrease in investment in the State.

The incentive for innovation in products, materials or processes: No incentive for innovation in products, materials, or processes.

The benefits of the regulations, including, but not limited to, benefits to the health, safety, and welfare of California residents, worker safety, and the state's environment and quality of life, among any other benefits identified by the agency: The benefits include utility bill savings to consumers, lower statewide energy use, and lower criteria and greenhouse gas emissions.

**ECONOMIC AND FISCAL IMPACT STATEMENT
(REGULATIONS AND ORDERS)**

STD. 399 (REV. 12/2013)

FISCAL IMPACT STATEMENT

A. FISCAL EFFECT ON LOCAL GOVERNMENT *Indicate appropriate boxes 1 through 6 and attach calculations and assumptions of fiscal impact for the current year and two subsequent Fiscal Years.*

1. Additional expenditures in the current State Fiscal Year which are reimbursable by the State. (Approximate)
(Pursuant to Section 6 of Article XIII B of the California Constitution and Sections 17500 et seq. of the Government Code).

\$ _____

a. Funding provided in _____
Budget Act of _____ or Chapter _____, Statutes of _____

b. Funding will be requested in the Governor's Budget Act of _____
Fiscal Year: _____

2. Additional expenditures in the current State Fiscal Year which are NOT reimbursable by the State. (Approximate)
(Pursuant to Section 6 of Article XIII B of the California Constitution and Sections 17500 et seq. of the Government Code).

\$ _____

Check reason(s) this regulation is not reimbursable and provide the appropriate information:

a. Implements the Federal mandate contained in _____

b. Implements the court mandate set forth by the _____ Court.
Case of: _____ vs. _____

c. Implements a mandate of the people of this State expressed in their approval of Proposition No. _____
Date of Election: _____

d. Issued only in response to a specific request from affected local entity(s).
Local entity(s) affected: _____

e. Will be fully financed from the fees, revenue, etc. from: _____
Authorized by Section: _____ of the _____ Code;

f. Provides for savings to each affected unit of local government which will, at a minimum, offset any additional costs to each;

g. Creates, eliminates, or changes the penalty for a new crime or infraction contained in _____

3. Annual Savings. (approximate)

\$ _____

4. No additional costs or savings. This regulation makes only technical, non-substantive or clarifying changes to current law regulations.

5. No fiscal impact exists. This regulation does not affect any local entity or program.

6. Other. Explain Local governments will receive increased tax revenues from local spending of utility bill savings.
Sta was not able to find data on local government purchases of RPPMs (see attachment).

**ECONOMIC AND FISCAL IMPACT STATEMENT
(REGULATIONS AND ORDERS)**

STD. 399 (REV. 12/2013)

FISCAL IMPACT STATEMENT (CONTINUED)

B. FISCAL EFFECT ON STATE GOVERNMENT Indicate appropriate boxes 1 through 4 and attach calculations and assumptions of fiscal impact for the current year and two subsequent Fiscal Years.

1. Additional expenditures in the current State Fiscal Year. (Approximate)

\$ _____

It is anticipated that State agencies will:

a. Absorb these additional costs within their existing budgets and resources.

b. Increase the currently authorized budget level for the _____ Fiscal Year

2. Savings in the current State Fiscal Year. (Approximate)

\$ _____

3. No fiscal impact exists. This regulation does not affect any State agency or program.

4. Other. Explain Reduced electricity sales leads to a reduction in CEC Energy Resources Program Account of \$20K - \$40K

Indirect impacts include small increase in tax revenues due to spending of utility bill savings (see attachment).

C. FISCAL EFFECT ON FEDERAL FUNDING OF STATE PROGRAMS Indicate appropriate boxes 1 through 4 and attach calculations and assumptions of fiscal impact for the current year and two subsequent Fiscal Years.

1. Additional expenditures in the current State Fiscal Year. (Approximate)

\$ _____

2. Savings in the current State Fiscal Year. (Approximate)

\$ _____

3. No fiscal impact exists. This regulation does not affect any federally funded State agency or program.

4. Other. Explain _____

FISCAL OFFICER SIGNATURE



DATE

June

The signature attests that the agency has completed the STD. 399 according to the instructions in SAM sections 6601-6616, and understands the impacts of the proposed rulemaking. State boards, offices, or departments not under an Agency Secretary must have the form signed by the highest ranking official in the organization.

AGENCY SECRETARY

 Bryan Cash

DATE

6/16/2020

Finance approval and signature is required when SAM sections 6601-6616 require completion of Fiscal Impact Statement in the STD. 399.

DEPARTMENT OF FINANCE PROGRAM BUDGET MANAGER



DATE

7-20-2020