

2016 Water-Energy Grant Program

Public Comment Meetings
Draft Guidelines and Proposal Solicitation Package
May 11, 16 and 17
Sacramento, Riverside and Salida





Purpose

- 🔥 Receive Public Comment on Draft Guidelines and Proposal Solicitation Package (GL/PSP)
- 🔥 Answer Questions to Help Clarify the Process

Participants on the web can email in Questions and Comments during the broadcast to

dwr_irwm@water.ca.gov



Agenda

- 🔥 Overview of the documents
 - 🔥 Questions and Answers
 - 🔥 Public Comment
- 



2016 Water-Energy Grant Program

Goal of the solicitation

- Fund commercial and institutional water efficiency programs or projects that reduce greenhouse gas emissions and also reduce water and energy use

Funding Source

- Greenhouse Gas (GHG) Reduction Fund
 - FY 2015-16 Budget \$19 million
 - FY 2016-17 Proposed Budget \$10 million



Draft Documents

- Release Date: April 11, 2016
- Combined GL/PSP Document
 - Identifies Program requirements
 - Defines process for applying for funds
- Air Resources Board GHG Quantification Methodology (QM) and GHG Emission Reduction Calculator
 - Establishes method to estimate GHG emissions reductions
 - Calculator estimates GHG emission reductions
 - Use of QM and Emissions Calculator mandatory



Draft Documents

- Comment by May 23 to
 - dwr_irwm@water.ca.gov
 - GGRFProgram@arb.ca.gov



Guidelines and PSP

Eligible Grant Recipients

- Local Agencies
- Joint Powers Authorities
- Non-Profit Organizations

Funding Details

- Maximum Grant Amount - \$3M per proposal
 - Will not award more than \$6M per applicant
- No Cost Share required

Guidelines and PSP

Eligible Projects

Commercial and/or institutional water efficiency programs or projects that reduce

- GHG emissions
- Energy use
- Water use

The energy use reduction must result from the reduction in water use at the project site.

Eligible Measures

- Commercial:
 - Dishwasher
 - Ice Machine
 - Steam Cooker
 - Clothes Washer
- Pre-Rinse Spray Valve
- Boiler-less Combination Ovens
- Showerheads
- Faucets



Guidelines and PSP

Eligibility Requirements

- Urban Water Suppliers
 - Urban Water Management Plans – Due July 1, 2016
 - Compliance with 2015 Interim Water Use targets
 - Water metering requirements
- Agriculture Water Suppliers
 - Ag Water Management Plans – Due December 31, 2015
 - Suppliers to 10,000 to 25,000 acres of irrigated lands plans due by July 1, 2016
 - Drought Management Plan
- Groundwater Management Plans
- CA Statewide Groundwater Elevation Monitoring (CASGEM)



Guidelines and PSP

Preferences

- 🔥 Disadvantaged Communities (DAC)
- 🔥 Tie-Breakers
 - 🔥 Regional Project identified in an IRWM Plan
 - 🔥 Inclusion of Cost Share

Funding Priorities

- 🔥 GHG Emission Reductions
- 🔥 Water Savings
- 🔥 DAC Preference
- 🔥 Agreement Components
 - 🔥 Work plan, Budget, Schedule, and Monitoring Plan



Funding Priority

| Priority | DAC | GHG Emission Reduction | Water Savings | Agreement Components |
|----------|-----|------------------------|---------------|----------------------|
| 1 | Yes | High | High | Sufficient |
| 2 | No | High | High | Sufficient |
| 3 | Yes | High | Medium | Sufficient |
| 4 | Yes | High | High | Not Sufficient |
| 5 | No | High | Medium | Sufficient |
| 6 | Yes | High | Medium | Not Sufficient |
| 7 | Yes | Medium | High | Sufficient |
| 8 | No | Medium | High | Sufficient |

GHG Quantification Methodology

- Must use to estimate GHG emission reductions
- Provides directions for GHG Emission Reduction Calculator
- Must provide all the methods used to estimate:
 - GHG emission reductions
 - Energy savings
 - Water-savings
- Two Step Process
 - Step 1 – Identify Proposed Project Measure(s)
 - Step 2 – Estimate GHG Emission Reductions, Energy Savings, and Water Savings
 - Provide supporting documentation

GHG Emission Reduction Calculator

Commercial/Institutional Inputs (1)

Please enter the quantities of the new measure(s) proposed for replacement. Enter the project data for the new measure if known or use the defaults provided.

To see more detail on the formulas and values used in this ARB GHG calculator or to modify additional default assumptions, click on the blue tabs for the applicable project measures at the bottom of the page.

| Dishwasher | | | | | | |
|------------------|-----------------------------|--------------|----------------------|---------------------------------|--------------------------------|-------------------------|
| Input Data | | Project Data | | | | |
| Dishwasher Temp | Dishwasher Type | Quantity | Racks washed per day | Building water heater fuel type | Booster water heater fuel type | Operating days per year |
| Low Temperature | Under Counter | 0 | 75 | Natural Gas | N/A | 365 |
| | Stationary Single Tank Door | 0 | 280 | Natural Gas | N/A | 365 |
| | Single Tank Conveyor | 0 | 400 | Natural Gas | N/A | 365 |
| | Multi Tank Conveyor | 0 | 600 | Natural Gas | N/A | 365 |
| High Temperature | Under Counter | 0 | 75 | Natural Gas | Natural Gas | 365 |
| | Stationary Single Tank Door | 0 | 280 | Natural Gas | Natural Gas | 365 |
| | Single Tank Conveyor | 0 | 400 | Natural Gas | Natural Gas | 365 |
| | Multi Tank Conveyor | 8 | 600 | Natural Gas | Natural Gas | 365 |
| | Pot, Pan, and Utensil | 0 | 280 | Natural Gas | Natural Gas | 365 |

[Read Me](#)
[Inputs \(1\)](#)
[Inputs \(2\)](#)
[Inputs \(3\)](#)
[Results Summary](#)
[Program Summary](#)
[Dishwasher calcs](#)
[Clothes Wash](#)

GGRFProgram@arb.ca.gov
www.arb.ca.gov/auctionproceeds

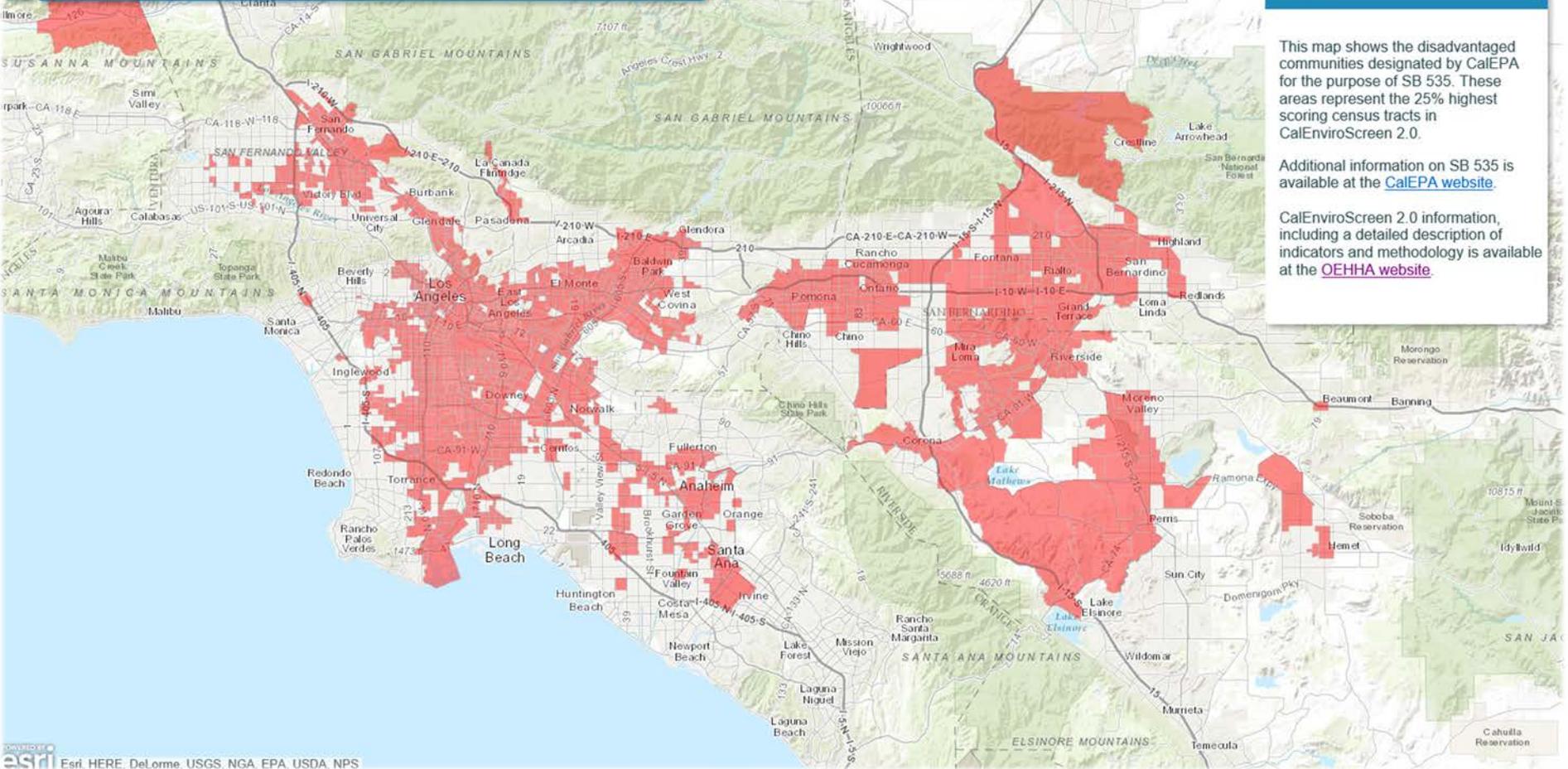


Disadvantaged Communities

- Benefits must be direct, meaningful, and assured for the DAC
- Address an important community need
- Must use CalEnviroScreen 2.0 tool
- At least 75% of the grant funding within a proposal must be allocated to projects providing benefits to residents of a DAC

SB 535 Disadvantaged Communit... Find address or place

Details



This map shows the disadvantaged communities designated by CalEPA for the purpose of SB 535. These areas represent the 25% highest scoring census tracts in CalEnviroScreen 2.0.

Additional information on SB 535 is available at the [CalEPA website](#).

CalEnviroScreen 2.0 information, including a detailed description of indicators and methodology is available at the [OEHHA website](#).

Disadvantaged Communities Criteria

Part A – Project Location

Question 1. Does the project provide water and energy use efficiency incentives or other services that reduce energy use to water users located with a physical address in a DAC census tract?

If the answer is yes, go to Part B. If the answer is no, go to Question 2.

Question 2. If the answer to Question 1 is no, will the project improve, repair, or replace water system infrastructure for water and energy savings within a DAC?

If the answer is yes, go to Part B. If the answer is no, go to Question 3.

Question 3. If the answer to Question 2 is no, does the project includes recruitment, agreements, policies or other approaches that result in at least 25% of project work hours performed by residents of a DAC?

If the answer is yes, go to Part B. If the answer is no, go to Question 4.

Question 4. Does the project include recruitment, agreements, policies or other approaches that result in at least 10% of project work hours performed by residents of a DAC participating in job training programs which lead to industry-recognized credentials or certifications?

If the answer is yes, go to Part B. If the answer is no, your project does not qualify for DAC Program preference.

Part B – Meaningfully Address An Important Community Need

Question 5. What is the community need your project addresses?

Question 6. How did you identify the community need? Choose one from the list below.

- A. Considered the factors in CalEnviroScreen that caused an area to be defined as a disadvantaged community.
- B. Hosted community meetings to solicit local input from a disadvantaged community.
- C. Received documentation of disadvantaged community support (e.g., letters or emails).
- D. Referred to the list of common needs in Table 2-2 as outlined in ARB's Funding Guidelines¹.

Question 7. Describe how your project and the resulting benefit will address the community need.



Schedule



- 🔥 May 11, 16 & 17 – Public Comment Meetings
- 🔥 May 23 – Public comments due
- 🔥 June 2016 – Release Final Guidelines & PSP
- 🔥 July 2016 – Applicant Assistance Workshops
- 🔥 August 2016 – Proposals Due
- 🔥 November 2016 – Draft Awards
- 🔥 November 2016 – Public Comment Meeting
- 🔥 December 2016 – Announce Final Awards



Question and Answer

dwr_irwm@water.ca.gov





Public Comments

- 🔥 Due date is May 23, 2016
 - 🔥 Comments can be submitted to:
dwr_irwm@water.ca.gov
or
GGRFProgram@arb.ca.gov
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