

Water-Energy Grant Program



Public Comment Meetings
Draft Guidelines and Proposal Solicitation Package
August 19, 21 and 25
Chino, Fresno, and Sacramento





Purpose

- ▶ Receive Public Comment on Draft Guidelines and PSP

For August 25 Sacramento webcast meeting only:
Participants on the web can email in Questions and
Comments to dwr_irwm@water.ca.gov during the broadcast



Agenda

- ▶ Information Summary
 - ▶ Questions and Answers
 - ▶ Public Comment
- 



Water Energy Grant Program

- ▶ Drought Legislation - Senate Bill 103
 - ▶ Appropriated Greenhouse Gas Reduction Funds
 - ▶ \$20 million to DWR to establish Water-Energy Grant Program
- ▶ \$19M Local Assistance
- ▶ Residential, commercial, or institutional water efficiency programs or projects
- ▶ Programs or Projects must:
 - ▶ Reduce greenhouse gas emissions and
 - ▶ Reduce water use and
 - ▶ Reduce energy use



Documents Released

On June 18, 2014 DWR released

- ▶ Grant Program Guidelines
 - ▶ Identify program requirements
- ▶ Proposal Solicitation Package (PSP)
 - ▶ Defines process for applying for funds



Eligibility Requirements

- ▶ Urban and Agriculture Water Management Plans
 - ▶ Urban and Agriculture water providers must have submitted 2010 Plans and receive DWR confirmation that Plan meets requirements
- ▶ Demand Management Measures
- ▶ Water Meter Requirements
- ▶ Groundwater Management Plans for projects that directly affect groundwater
- ▶ CA Statewide Groundwater Elevation Monitoring (CASGEM)



Eligible Grant Recipients

- ▶ Local agencies
 - ▶ Joint powers authorities
 - ▶ Non-profit organizations
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Example Water Efficiency Projects and Programs

- ▶ Residential Rebate programs:
 - ▶ Shower head, sink aerator, toilet replacement
- ▶ Landscape irrigation retrofits; cash for grass
- ▶ Commercial/Institutional facilities retrofits
 - ▶ Laundries
 - ▶ Kitchens
 - ▶ Steam systems
- ▶ Leak repair



Preferences

- ▶ Disadvantaged Communities
- ▶ Tie-Breakers
 - ▶ Regional Projects – Water Code §10544
 - ▶ System specific energy intensity and emission factors



Health and Safety Code § 39711

- Disadvantaged Communities

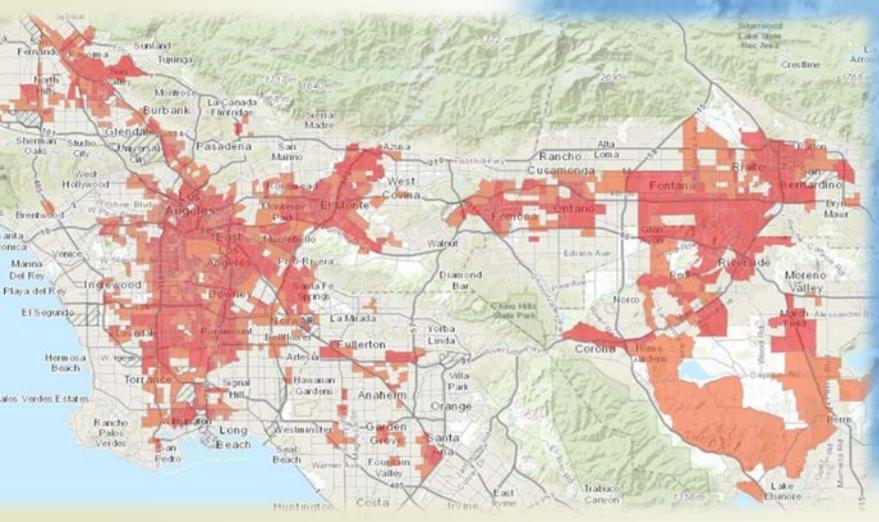
- ▶ Based on geographic, socioeconomic, public health, and environmental hazard criteria
 - ▶ Disproportionately affected by environmental pollution and other hazards that can lead to negative public health effects, exposure, or environmental degradation
 - ▶ Concentrations of people that are of low income, high unemployment, low levels of homeownership, high rent burden, sensitive populations, or low levels of educational attainment
- ▶ Cal/EPA to identify – final standard in September
 - ▶ Draft use CalEnviroScreen 2.0 – Top 20% Highest Scores
 - ▶ Final will use Cal/EPA final standard

CalEnviroScreen 2.0 (Draft) Highest Scoring Areas

 11 - 20% (Highest Scores)

 Top 10% (Highest Scores)

High Pollution, Low Population





Proposal Evaluation



- ▶ Determine DAC status
 - ▶ 75% of project benefit goes to DAC
- ▶ Sufficiency of proposal agreement components
 - ▶ Work plan
 - ▶ Schedule
 - ▶ Budget
- ▶ Determination of water, energy and GHG savings
 - ▶ DWR Excel worksheets
- ▶ Cost Effectiveness determined by
 - ▶ $\frac{\text{Water Saved}}{\text{Project Cost}}$
 - ▶ $\frac{\text{Energy Saved}}{\text{Project Cost}}$



Application Content

Applicants will need to:

- ▶ Address eligibility requirements
 - ▶ Present water and energy savings
 - ▶ Baseline (pre-project) volume/kWh
 - ▶ Estimate of post-project volume/kWh
 - ▶ Anticipated useful life of project
 - ▶ Present information to estimate GHG reduction
 - ▶ Energy intensity factor
 - ▶ Emission factor
 - ▶ Submit a Work Plan, Schedule, and Budget
 - ▶ Submit Disadvantaged Community map (if applicable)
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Proposal Evaluation System

- ▶ Funding Priority
 - ▶ Qualitative ranking system

Priority	DAC	Water Savings	Energy Savings	Agreement Components
1	Yes	High	High	Sufficient
2	Yes	High	Medium	Sufficient
3	Yes	Medium	High	Sufficient
4	No	High	High	Sufficient
5	Yes	Medium	Medium	Sufficient
6	No	High	Medium	Sufficient
7	No	Medium	High	Sufficient



Maximum Grant Amount Matching Funds

- ▶ Total grant funding \$19M
- ▶ Maximum grant amount - \$2.5 M per application
- ▶ At least 50% of grant funding to projects that benefit DACs
- ▶ One application per "System"
 - ▶ Applicant can submit multiple applications
- ▶ No funding match required



Changes We Already Know

- ▶ Provision allowing DWR to prioritize application review if heavy application load.
 - ▶ Costs incurred after the final award date are eligible for reimbursement.
 - ▶ Assurance that applicants have the financial capability to complete and maintain the project(s).
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Changes We Already Know

- ▶ Water and energy savings within the System used for funding priority but savings for all segments of the water use cycle will be reported.
- ▶ Baseload emission factors will be used for GHG calculations.
- ▶ Modify Attachment 7 to include System boundary and project locations as well as DAC and project benefit areas.



Schedule

- ▶ August 19, 21, 25 - Public Comment meetings
 - ▶ Seek public input on draft Guidelines & PSP
- ▶ September 5 – Public comments due
- ▶ Early October – Post final Guidelines & PSP
 - ▶ Application period begins
- ▶ Mid to Late October – Applicant Workshops
- ▶ Mid December – Applications due
- ▶ March 2015 – Draft Awards
- ▶ April/May 2015 – Announce Final Awards



Question and Answer



Public Comments



Due date is Sept 5, 2014

Comments can be submitted via email in PDF or MS Word format.

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