

US EPA ARCHIVE DOCUMENT

# Innovative Energy Management Workshop State Revolving Fund

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# General SRF Overview

- SRF provides low-interest, 20 year loans to county-owned water systems
  - Design allowance & 10% contingency included
- Eligible project are placed in rank order on the Priority List of Projects every fiscal year.
- Incentive points are given to projects that incorporate Green or Sustainable Infrastructure measures.

# SRF Projects



New wastewater treatment plant digester



New steel reservoirs

# SRF Program Updates

- For SFY 2010, DWSRF will receive approximately double of last year's funding and CWSRF's funding is about triple of last year's.
- At least 20% of funds are reserved for "Green Projects"
- Davis-Bacon is in effect at least through 9/30/10.

# Green Project Reserve

- Energy efficiency
- Water efficiency
- Green infrastructure/Other environmentally innovative projects
- SRF can fund stand-alone Green Projects or GP incorporated into a larger project. May include costs of:
  - Planning and design
  - Construction
  - Energy audits and water conservation plans
- Clean Water SRF Green Project Examples
  - Wetland restoration, water reuse, gray water recycling, installing solar panels, etc.
- Drinking Water SRF Green Project Examples
  - Installing water meters, distribution system leak detection equipment, solar panels, energy efficient pumps, on-site renewable energy, water efficient fixtures, etc.
- Projects not categorically green require a business case
  - E.g., pipeline replacements
  - Counties may be asked to identify substantial green benefits of projects with technical and financial information

# Green Projects



Solar panels that provide energy for SCADA equipment



Waterline Replacements:  
**Business Case required!**

# Waimea WWTP Expansion Kauai County



- Increase capacity from 0.3 to 0.7 mgd
- Upgrade to produce R-1 quality water
- Incorporate solar panels producing ~ 160 kW



# Davis-Bacon Act

- Prevailing wage law applies to SRF projects that execute loan agreements at least until 9/30/10.
- Requires that all laborers and mechanics
  - employed by contractors and subcontractors
  - on projects funded directly by or assisted in whole or in part from SRF.
  - shall be paid wages at rates not less than those prevailing on projects of a character similar in the locality as determined by the Department of Labor.
- Must include the federal Davis-Bacon language and reference to the applicable wage determination general decision number in the contract.
- Payroll must be reviewed weekly by the water department AND a certification of compliance with this law must accompany each payment request to DOH for each week of work performed.
- Employee interviews must be conducted at least twice during construction.
- Display Wage Rates and Employee Rights poster.

# Reminders

- Proposed project applications for DWSRF funding are due to DOH on February 12.
- Proposed project applications for CWSRF funding are due to DOH on February 26.
- Please submit your first quarter 2010 ARRA jobs created or retained data to DOH by April 6, 2010.

# DWSRF Contact Info

Safe Drinking Water Branch, 586-4258

Stuart Yamada, Chief

<http://hawaii.gov/health/environmental/water/sdwb/dwsrf/dwsrf.html>



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# CWSRF Contact Info

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Sina Pruder & Marshall Lum, Acting Chiefs

<http://hawaii.gov/wastewater/cwsrf.html>



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**Questions  
or  
Comments?**