

STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 92-18

INTERAGENCY AGREEMENT WITH CALIFORNIA ENERGY COMMISSION  
TO PROMOTE ENERGY CONSERVATION AT MUNICIPAL  
WASTEWATER TREATMENT PLANTS

WHEREAS:

1. The California Energy Commission (CEC) has identified municipal wastewater treatment plants as a major user of energy.
2. The CEC has expressed an interest in providing the State Board with funds to promote energy conservation at such plants.
3. The State Board's operator training center at San Marcos has the capability to develop and deliver energy conservation training programs.

THEREFORE BE IT RESOLVED:

That the State Board authorizes the Executive Director or his designee to negotiate and execute an Interagency Agreement with the California Energy Commission to receive funding for the promotion of energy conservation at municipal wastewater treatment plants.

CERTIFICATION

The undersigned, Administrative Assistant to the Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on March 19, 1992.

  
Maureen Marché  
Administrative Assistant to the Board

INTERAGENCY AGREEMENT--CALIFORNIA ENERGY COMMISSION  
DESCRIPTION OF TASKS

TASK A TWO REGIONAL DISCUSSION GROUPS

**Purpose:** Assist California Energy Commission (CEC) staff understand and overcome any barriers that might retard implementation of energy efficiency improvements by municipal wastewater utilities. Schedule and conduct two regional brainstorming discussion meetings to identify and catalog options for energy conservation that should be covered in guidance brochures and/or instructional programs.

TASK B SELF-HELP BOOKLET

**Purpose:** Draft a self-help guidance booklet that identified the five to ten modifications of practices, procedures or facilities that could lead to the greatest reductions in energy usage within the wastewater utility field.

TASK C DEVELOP AND CONDUCT INTRODUCTORY VOCATIONAL COURSE IN ENERGY CONSERVATION

**Purpose:** Provide a vocationally oriented course for senior operators of treatment plants and crew chiefs involved in pump operation and maintenance of collection systems or transmission of reclaimed water. The course would provide a good understanding of just what energy is; how to perform calculations involving work, energy, power, and energy costs; and indicate those opportunities where a significant conservation of energy or costs can be achieved without making major changes in equipment or facilities.

TASK D PUBLICITY/TECHNOLOGY TRANSFER ACTIVITIES

**Purpose:** Provide "tools" (case studies documents, articles, papers) to focus recognition upon energy conservation measures appropriate to wastewater utilities and the cost savings related thereto.

Specifically, this would be technical articles that could be published in such outlets as the CWPCA Bulletin, Public Works magazines, etc. Papers should be presented at annual meetings of CWPCA, APWA, at the Northern and Southern Regional Training Conferences, at the Tri-State Seminar On-The-River, Etc.

TASK E DEVELOP AND CONDUCT TWO ENERGY CONSERVATION RELATED COURSES

**Purpose:** Course A: Provide training to utility managers/supervisors to enable them to understand and evaluate a variety of opportunities for energy saving and to actually implement those changes that simply involve changes in process control strategy. The course will also provide advice on how to proceed with planning and implementation for energy savings opportunities that involve more significant changes in either physical structures or equipment.

MAR 10 1992

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Attachment A

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Course B: Provide training in maintenance procedures to determine energy efficiency of equipment and to improve equipment by overhaul or tune-up procedures to reduce energy consumption. This course would be more hands-on than theoretical in nature and intended for vocational rather than management/supervision personnel.