

Providing Benchmarking Training for Local Governments

Association of Bay Area Governments,
Pacific Gas and Electric Company, and
Energy Efficiency Funding Group



Association of Bay Area Governments

- Provides regional planning services, municipal bond issuance, municipal insurance, gas aggregation
- Served as Energy Watch for SF Bay Area
- Holds 2 Pacific Gas and Electric Company Green Communities contracts

Green Communities Programs

- Administered by Pacific Gas and Electric Company (PG&E)
 - Uses rate payer funds under the auspices of the California Public Utilities Commission (CPUC)
 - Supports local governments and communities to achieve greenhouse gas (GHG) reduction goals
 - Gives local governments the tools, trainings, and data necessary to evaluate their facilities' energy use and develop climate action plans

Green Communities Programs

- Focus: San Francisco Bay Area Offerings – Association of Bay Area Governments (ABAG)
 - Train local government staff and interns to understand and complete a GHG for local government operations
 - Provide a series of benchmarking workshops

The screenshot shows the website for the Association of Bay Area Governments (ABAG) Green Communities Program. The page has a green header with the ABAG logo and a search bar. A left sidebar contains navigation links: About ABAG, Planning Projects, Services, Government, Economy, and Environment. The main content area is titled "ABAG Green Communities Program" and includes links for "Program Overview", "GHG Emissions Inventories", and "Benchmarking Training". The "Program Overview" section explains that the program is a portfolio of programs administered by Pacific Gas and Electric Company (PG&E) using rate payer funds under the auspices of the California Public Utilities Commission to support local governments and communities to achieve greenhouse gas (GHG) reduction goals. It mentions a program to train local government staff and interns to understand and complete a greenhouse gas (GHG) emissions inventory, and another program of benchmarking workshops offered through the San Francisco Bay Area at no cost. Contact information for Jerry Lahr, Energy Program Manager, is provided at the bottom.

Local Government Benchmarking Training Classes

- Goal: Significantly increase the number of local government buildings using ENERGY STAR *Portfolio Manager*

The screenshot shows the ENERGY STAR Portfolio Manager website. The header features the ENERGY STAR logo and the text "U.S. ENVIRONMENTAL PROTECTION AGENCY - U.S. DEPARTMENT OF ENERGY". Below the header is a navigation menu with categories: PRODUCTS, HOME IMPROVEMENT, NEW HOMES, BUILDINGS & PLANTS (highlighted), and PARTNER RESOURCES. The main content area is titled "Portfolio Manager Overview" and describes it as an interactive energy management tool that allows users to track and assess energy and water consumption across their entire portfolio of buildings in a secure online environment. It lists several ways the tool can help users, such as managing energy and water consumption, reducing building energy performance, estimating carbon footprint, setting investment priorities, verifying and tracking progress of improvement projects, and gaining EPA recognition. A "Manage Energy and Water Consumption for All Buildings" button is visible at the bottom. On the right side, there is a "Portfolio Manager Login" section with fields for Username and Password, and a "Log In" button.

Local Government Benchmarking Training Classes

- Featured experienced sub-contractor as instructor
 - Mark Jewell, Energy Efficiency Funding Group

The screenshot shows the 'eefg' website with the title 'Energizing Efficiency™'. It features a navigation menu with links like Home, About, Programs, and Courses. The main content area is titled 'Course offerings' and includes a paragraph about the design of the trainings. Below this, there are two small images: one showing a group of people in a meeting and another showing Mark Jewell presenting. To the right, there is a list of 'Selected topics areas include' such as Benchmarking, Financial analysis, and Load reduction. At the bottom, a testimonial from Mark Jewell is displayed, stating: "Mark is unique in that he is well versed in commercial real estate, energy efficiency, and finance. The insight he brings is without a doubt incredible."

What We Did

- Conducted outreach to all Energy Watch partnerships to assess interest
- Designed and offered hands-on courses specifically tailored for Local Governments

ABAG Energy Benchmarking Workshops

Local governments that benchmark their own buildings in the community can advance their energy conservation efforts while setting a good example for their citizens. The Association of Bay Area Governments (ABAG), funded by Pacific Gas and Electric Company's (PG&E) Green Communities Program, is offering free benchmarking workshops, giving local governments the tools necessary to evaluate their facilities' energy use. Mark Jewell, an energy-efficiency and benchmarking expert, will conduct the workshops.

Specific to local government facilities, each workshop is designed to teach how to:

- Benchmark buildings
- Automate the entry of monthly utility data to help keep your benchmark current
- Use the benchmarking score and other data provided by this process to take the next steps in energy conservation activities. (Participants are encouraged to benchmark at least one of their actual buildings during the workshop).

These benchmarking workshops are a joint effort of ABAG and PG&E's Green Communities Program.

WHY ATTEND BENCHMARKING TRAINING?

The goal of this program is to significantly increase the number of local government buildings using ENERGY STAR Portfolio Manager. The workshops will cover both Portfolio Manager, which assesses normalized energy performance, and PG&E's Automated Benchmarking Service (ABS), which provides historical energy usage data as well as automatic monthly updates to the building's Portfolio Manager account.

These tools will help you...

- Identify strategic opportunities for energy savings
- Target candidate buildings for improvement projects
- Monitor the ongoing performance of the building (or a portfolio of buildings) over time
- Communicate with building occupants, management and ownership

Benchmarking can assess energy consumption within individual buildings as well as across a building portfolio.

Benchmarking can also help building owners (local governments in this case) meet increasing legislative and public expectations of environmental stewardship.

For more information, contact: Leah Zippert at 510-464-7995 or LeahZ@abag.ca.gov

Association of Bay Area Governments



This program is funded by California utility customers and administered by PG&E under the auspices of the California Public Utilities Commission.

What We Did

- Developed online registration and distribution of required forms
- Set up courses in various locations around the Bay Area

ABAG and 4CL Benchmarking Workshop Registration
October 24th

Walnut Creek City Hall, 1666 North Main Street, Third Floor Conference Room
Workshop Time: 12:30 p.m. - 4:00 p.m.

Secure On-line Registration

This October 24th workshop highlights how to use the Energy Star Portfolio Manager tool and RGE's Automated Benchmarking Service, which provides historical energy usage data as well as automatic monthly updates to your Portfolio Manager account. Mark Jewell, an energy efficiency and benchmarking expert, will conduct the workshop.

It is a hands on workshop, in which you will be using actual data from your facility. You will need to print, complete, return (fax or email) and bring the following two forms with you to class in order to fully participate in the class.

- [Energy Performance Checklist](#)
- [2008 Data Release](#)

Understand that I must fill out and submit the two forms above to fully participate in the workshop.

Please send the forms to:

Association of Bay Area Governments
P.O. Box 2050
Oakland CA 94604-2050
Attn: Leah Zippert
leah.zippert@abag.org
or Fax to (510)432-2595

Contact Leah Zippert at leah@abag.ca.gov, 510-464-7995 OR 4CL at info@ccimaterials.org, 925-708-1616 with any questions.

Registrant Information

* Indicates required field

<input type="text"/>	First name *
<input type="text"/>	Last name *
<input type="text"/>	Job Title
<input type="text"/>	Affiliation
<input type="text"/>	Address *
<input type="text"/>	City *
<input type="text"/>	State *
<input type="text"/>	Zip Code *
<input type="text"/>	Phone *
<input type="text"/>	E-mail *

How Did It Work

- Worked closely with Energy Watch Partnerships throughout the Bay Area
- Used very experienced instructor – Mark Jewell
- Accommodated different requirements:
 - Local Government Specific class
 - Maintenance class
 - ABS only class

Case Study – Silicon Valley Energy Watch

- Provided variety of training courses
 - Session for City of San Jose, Santa Clara County and various departments
 - Four other training sessions: 5th one planned Nov 1st
 - 29 City Staff from Mountain View, Cupertino, Los Altos, Los Altos Hills, Saratoga, Sunnyvale, Los Gatos, Campbell
 - 28 Students from Energy Training Program at DeAnza College

Accomplishments

- Started in November of 2010
- Trained 92 Local Government Staff
 - 53 Bay Area local governments
 - 15 classes in seven counties
- Also trained
 - Five North Coast local government staff and 23 private sector staff

Accomplishments

- Exceeded CPUC goal for benchmarking in the San Francisco Bay Area
 - Goal
 - 60 more buildings benchmarked - 20% more buildings than 2010 baseline year
 - 20% more local governments participating - 6 new local governments benchmarking