

# South Bay Cities Council of Governments

## Infrastructure Working Group: Energy Benchmarking Initiatives

May 11th, 2022



# Overview

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# SBCCOG Benchmarking Initiative

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The SBCCOG is working with cities to benchmark their facilities.

This work:

- Uses ENERGY STAR Portfolio Manager
- Helps recognize facilities for energy audits
- Helps identify energy efficiency projects
- Meets state compliance (AB802)
- Minimizes energy use and cost



# ENERGY STAR Portfolio Manager (ESPM)



## What It Is:

- Online benchmarking tool provided by the U.S. Environmental Protection Agency (EPA)
- Secure, free, and interactive
- Helps track and assess energy, water, and waste consumption across similar buildings
- Platform updated on an ongoing basis



## What We Do:

- Maintain city portfolios
- Conduct trainings
- Support city access and AB802 reporting

Source: SoCalREN

# SBCCOG

## Activities (since 2018)

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- SBCCOG ENERGY STAR Portfolio Manager Account
- Staff benchmarked city SCE and SCG accounts (**586!**)
  - Property types: Facilities, Recreation Areas, Exterior Lighting, Pumping, Storage Tanks, Intersections, City Yards, Misc.
- Backlogged data allows for comparison of energy use over time
  - SCE – 2017
  - SCG – 2018
- Energy usage data is updated monthly (cost not included)
  - SCE – complete
  - SCG – near complete
- SBCCOG to assist cities with account access and maintenance as well as with benchmarking compliance (AB802)



# Progress and Challenges

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- Conducted trainings with 9 cities
- Submitted annual AB802 benchmarking reports to the California Energy Commission for 4 cities (others in progress)
- Resolving utility data connection issues
- Working with cities to correct errors and outdated information in portfolios

# City Benchmarking & AB802 Status



City	Completed Training	Submitted CISR Forms	Provided Utility Data	Reviewed AB802 Report	Submitted AB802 Report
Carson	✓				
El Segundo		✓	✓	✓	✓
Gardena	✓	✓			
Hawthorne	✓	x	✓	✓	✓
Hermosa Beach	✓	✓	✓	✓	✓
Inglewood					
Lawndale	✓			-	-
Lomita	✓	✓			
Manhattan Beach	✓		-	✓	
Palos Verdes Estates				-	-
Rancho Palos Verdes				-	-
Redondo Beach	✓	✓	✓	✓	✓
Rolling Hills	-	-	-	-	-
Rolling Hills Estates	✓	✓		-	-
Torrance					

# What to Expect over the next few months...

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Data requests  
and/or CISR forms  
(renewed every 3  
years)

Annual AB 802  
report  
information  
approvals





# Q & A

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For more info on California Building Energy Use Benchmarking and Public Disclosure Program (AB 802):

- Website: <http://www.energy.ca.gov/benchmarking/>
- Phone Number: (855) 279-6460
- E-mail: [Benchmarking@energy.ca.gov](mailto:Benchmarking@energy.ca.gov)