Self-Introductions

Colleen Doan, City of Signal Hill
Vice Chair Nominations

Colleen Doan, City of Signal Hill
REAP 2.0 Program Update

Melani Smith, GCCOG
REAP 2.0 SRP Program

- COG to be Allocated: $1,228,619
- Application is due June 9th
- Criteria: Accelerate Infill Housing, reduce VMT, and support efforts to Affirmatively Further Fair Housing

<table>
<thead>
<tr>
<th>Project/Activity Name</th>
<th>Funding Amount</th>
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</thead>
<tbody>
<tr>
<td>1 Affordable Housing Trust Seed Funding</td>
<td>$450,000</td>
</tr>
<tr>
<td>2 Technical Assistance Team</td>
<td>$720,000</td>
</tr>
<tr>
<td>3 Admin (5%)</td>
<td>$58,000</td>
</tr>
<tr>
<td>Other?</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$1,228,000</strong></td>
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</tbody>
</table>
Technical Assistance Team

Modelled on SGVCOG Successful “Housing Incubator”

On-call consultant services in the following disciplines:

- Project Management (Scope of Work Development and Monitoring)
- Land Use and Environmental Analysis;
- Modelling, Data Analysis, Mapping;
- Financial Analysis & Technical Support;
- Real Estate & Land Acquisition Support;
- Mobility/VMT/Parking Utilization;
- Infrastructure Analysis;
- Public Outreach & Engagement; and
- Grant Writing and Grant Program Administration
City Presentation: Cross City Collaboration on Energy Resilience Action Planning

Sumi Gant, GCCOG
Cities of Bell, Bell Gardens, and Maywood
Energy Resilience Action Plan

- SoCalREN pilot initiative started in 2022
- Support cities in developing a roadmap for near- to long-term energy resilience strategies
- Leverage data-driven analysis to develop recommendations for energy resilience focused capital projects
Resilience Hub Opportunity Assessment (RHOA)

RHOAs were presented to each city in November & December highlighting the top 2 facilities with the most potential to serve as resilience hubs in each community.
Bell Gardens’ Profile

Demographics
- Population Density: 17,100 (per sq. mile)
- Average Age: 30
- Average Household Income: $45,300
- Identify as a Person of Color: 98%
- Extreme Heat Days: 90
- Pollution Burdened: 97%

CalEnviroScreen 4.0
Presents a relative evaluation of pollution burdens and vulnerabilities by ranking communities across California.

100% Census Tracts
Disadvantaged Designation

Number Of Electric Circuits
9
Serving customers in your jurisdiction

Number Of Customer Accounts
20,000
On the circuits serving your jurisdiction

Average Outage Duration
85 minutes
Without power due to sustained outages

Energy Cost Profile
Based on annual electricity and natural gas consumption across all agency assets, the City of Bell Gardens incurred the following in 2021:

- $357,500 Annual Electricity Cost
- $8,900 Annual Natural Gas Cost

Source: SCE Reliability Report 2021
Facility Ranking

Facility Ranking Strategy
The City of Bell Gardens provided SoCalREn with a list of publicly-owned, publicly-accessible facilities that were resilience hub sites of interest. SoCalREn further evaluated their potential using the seven, equally-weighted ranking parameters outlined below. Each facility was assigned a level of resilience hub potential (as noted in the chart key; right) based on its score for each parameter. Scores will vary based on a facility’s size, energy use, census tract, circuit, and proximity to parks and green space.

Gathering Space & Existing Solar
What: Indicates if a facility a) provides community services in a conditioned space and b) has existing photovoltaic technology.
Why: Existing community gathering spaces with existing solar are ideal resilience hub locations.

Healthy Places Index (HPI)
What: Combines 25 community characteristics, like access to healthcare, housing, and education into a single indexed score.
Why: Areas with less health equity have higher potential for resilience hubs.

Walkability
What: A measure of how a facility supports safe, convenient, and pleasant access to people and places.
Why: Facilities with greater walkability have higher potential to be resilience hubs.

Heat Health Action Index (HHAI)
What: Statistically weighted result of aggregated social, health, and environmental indicators, intended to represent overall heat vulnerability.
Why: Areas with greater heat vulnerability have higher potential for resilience hubs.

Electric Grid Outage History
What: An aggregated average of annual outage duration and outage frequency scores for a facility’s circuit from 2018-2021.
Why: Areas with more frequent and longer outages have higher potential for resilience hubs.

Pollution Burden
What: The potential exposures to pollutants and the adverse environmental conditions caused by pollution.
Why: Areas with greater pollution burden have higher potential for resilience hubs.

Facility Name | ☀️ | ☀️ | ☀️ | ☀️ | ☀️ | ☀️ | ☀️ | ☀️ | ☀️ | ⬅️ | Final Rank
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
A | Ford Park Rec. Center | ☑️ | - | - | - | - | - | - | - | - | 1
B | Youth Center | ☑️ | - | - | - | - | - | - | - | - | 2
C | Resource Center & Sierra Building | ☑️ | - | - | - | - | - | - | - | - | 3
D | Senior Center | ☑️ | - | - | - | - | - | - | - | - | 4
E | Comm. Family Services Center & Veterans Park | ☑️ | - | - | - | - | - | - | - | - | 5
F | Civic Center | - | - | - | - | - | - | - | - | - | 6
G | Police Department | - | - | - | - | - | - | - | - | - | 7
H | Public Works Dept | - | - | - | - | - | - | - | - | - | 8
I | Ford Park Adult School - Not owned by agency; SCE bill not paid by agency. | - | - | - | - | - | - | - | - | - | 9
J | County Fire Station & Library - Not owned by agency; SCE bill not paid by agency. | - | - | - | - | - | - | - | - | - | 10
Ford Park Recreation Center: Current Standings

- 0 miles to the nearest park
- 0.2 miles to the nearest school
- 0.2 miles to the nearest transit station
- Tree Canopy occupies 12.3% of land, 7.4% lower than LA County average of 19.7%

Facility Characteristics

<table>
<thead>
<tr>
<th>Facility Size</th>
<th>Year Built</th>
<th>Roof Age</th>
<th>Primary Function</th>
<th>Existing Solar &amp; Battery Storage</th>
<th>Resilience Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>9,100 sq ft</td>
<td>1976</td>
<td>4-years old</td>
<td>Community center</td>
<td>None</td>
<td>Potential</td>
</tr>
</tbody>
</table>

Facility data was provided to SoCaREN by the City of Bell Gardens in August 2022.

Ford Park Recreation Center: Energy Use and Reliability

I. Energy Profile

Electric Utility Account Details

- Utility Rate
- Rate Details
- Demanded Power
- Community Choice Aggregation

- TOU-10
  - Demanded Between 20 - 250 kWh
  - Option B has higher Time Reduced and Active Demand Charges than lower energy charges per kWh.
  - No
  - No

- TOU-55
  - Demanded Between 250 - 500 kWh
  - Option B has lower Time Reduced and Active Demand Charges but higher energy charges per kWh.
  - No
  - No

II. Electric Grid Reliability

How Reliable is the Circuit?
Electric power system reliability is something that is routinely measured and reported by electric utilities and typically falls into two categories: outage duration and outage frequency.

Outage Duration (in minutes): Circuit vs. Agency Average
- [Graph showing differences]

Outage Frequency: Circuit vs. Agency Average
- [Graph showing differences]

Peak Frequency
- [Graph showing differences]

Financial Estimations

FINANCIAL ESTIMATIONS

$29,000
Potential Life Cycle Savings (25 Years)

60,000 kWh
Energy Use By Calendar Month

Incentives

- 50% Critical Load Supported
- 56% Annual Renewable Energy
- 57% CO2 Emission Reduction

Note: This is a high-level review of the facility using NREL’s REmap and includes a number of assumptions. A deeper analysis is highly recommended before committing to moving forward with a solar PV and battery storage project. This evaluation assumes 50% energy savings through efficiency measures.
Planning Directors Committee Meeting
May 10, 2023

COG Staff Updates

Melani Smith, Aileen Qin, GCCOG
Affordable Housing Trust Board

- First Trust Board Meeting was May 4th
- Still seeking two Board members with affordable housing experience, from member cities not already represented on the Trust Board.
- Funding application for LHTF program due May 17 ($4 million in hand/pledged from LA County for Trust seed money)
- Also pursuing State budget allocations now
- REAP 2.0 funding application(s) due in June/July
Community Engagement Workshop
June 1, 2023 from 10am to 1pm
Conducted by staff from the LA Neighborhood Initiative

Flyer was sent out yesterday. RSVP now!!
Subregional Inclusionary Housing Study Update

Final deliverables are available, including:

- A final version of the Inclusionary Housing Program Feasibility Study for our subregion
- A final version of the Affordable Housing Fee Nexus Study
- Example Inclusionary Housing Ordinance Text with an accompanying Summary document
- An Inclusionary Housing Next Steps/Implementation FAQ
- The Inclusionary Housing Requirement/Fee Calculator

With continued funding from the COG’s REAP grant, the EPS Team is available to provide some additional technical assistance for individual cities.
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Link to this survey to indicate which of the above referenced products you’d like us to send you, and to let us know if you’re interested in scheduling further technical assistance.
Planning Directors Committee Meeting
May 10, 2023

Energy Working Group
Tuesday, June 13, 10am – 11:30am
Register [here](#)
Planning Directors Committee Meeting
May 10 2023

Thank You for Attending

Next Meeting:
Wednesday, June 14, 2023