EAH Housing is an nonprofit corporation that develops affordable housing in California and Hawaii. EAH Housing had a portfolio wide mandate to reduce energy and water usage by 20% after accepting the Better Buildings Challenge. In 2015, EAH began working with MCE to get energy and water assessments at all 25 properties in MCE's service territory. EAH completed three projects with MCE and are excited to explore even more opportunities this year. MCE’s partnership with EAH has generated large energy efficiency and water savings, as well as improving the quality of living for EAH’s residents. EAH Housing has received $13,200 in rebates to date, with additional projects in the pipeline.

**PROJECTS**

- **Bradley House**
- **Mackey Terrace Apartments**
- **Riviera Apartments**

  - Lighting upgrades
  - Water heaters
  - Direct Install
  - Pool Pumps

For more on these properties, see individual case studies below.

**PROJECT TEAM**

**DEVELOPERS //** EAH, Inc.
**INCENTIVE PROGRAM //** MCE Multifamily Energy Efficiency Program
**TECHNICAL ASSISTANCE PROVIDER //** Association of Energy Affordability
**DIRECT INSTALL //** Marin City community Development Corporation

**GAS SAVINGS**

- Estimated Annual Reduction: 2766 Thms
- Estimated Annual Cash Savings: $3043

**ELECTRICAL SAVINGS**

- Estimated Annual Reduction: 25,111 kWh
- Estimated Annual Cash Savings: $3,767

**WATER SAVINGS**

- Estimated Annual Reduction: 404,844 Gal
- Estimated Annual Cash Savings: $810

**TOTAL EST. ANNUAL SAVINGS** $7,620

**CONTACT MCE TO START SAVING!**

EnergySavings@mceCleanEnergy.org
(415) 464-6033

mceCleanEnergy.org/multifamily-savings

**THIS PROGRAM IS FUNDED BY CALIFORNIA UTILITY CUSTOMERS AND ADMINISTERED BY MCE UNDER THE AUSPICES OF THE CALIFORNIA PUBLIC UTILITIES COMMISSION.**
Bradley House is a 15-unit affordable senior housing property located in Tiburon, CA. The property had already participated in several affordable housing upgrade programs but chose to work with MCE on this project. The property needed upgrades on their hot water system and installed a new condensing central domestic hot water heater which serves 10 of the units at the property. Bradley House also chose to participate in the Direct Install program and had no-cost LED bulbs, and high efficiency showerheads and faucet aerators installed in each of the units. The total rebates for the project amounted to $1,600.

### Project Scope
- Installed new condensing water heater
- Provided free direct installation
- Direct Installation of LED lamps and high-efficiency shower heads and faucet aerators in all apartments.

### Gas Savings
- Estimated Annual Reduction: 332 Thms
- Estimated Annual Cash Savings: $365

### Electrical Savings
- Estimated Annual Reduction: 3,726 kWh
- Estimated Annual Cash Savings: $559

### Water Savings
- Estimated Annual Reduction: 75,402 Gal
- Estimated Annual Cash Savings: $151

### Total EST. Annual Savings
- $1,075

### Project Team
- DEVELOPERS // EAH, Inc.
- INCENTIVE PROGRAM // MCE Multifamily Energy Efficiency Program
- TECHNICAL ASSISTANCE PROVIDER // Association of Energy Affordability
- CONTRACTOR // Denise Daniel - Gotelli Plumbing Inc
- DIRECT INSTALL // Marin City community Development Corporation

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

### Contact MCE to Start Saving!
- EnergySavings@mceCleanEnergy.org
- (415) 464-6033

mceCleanEnergy.org/multifamily–savings
Mackey Terrace Apartments is a 50-unit affordable housing property located in Novato, CA. The property was preparing to do a large retrofit project through California’s Tax Credit Allocation Committee (TCAC), when they needed an emergency boiler replacement. The property was able to install three new 96% thermal efficiency central domestic hot water plants because of MCE’s rebate. The new hot water system exceeded MCE’s minimum performance standards and facilitated a rebate approval for $5,100.

### Project Scope

- Installed new central gas condensing water heaters

### GAS SAVINGS

<table>
<thead>
<tr>
<th>Estimated Annual Reduction</th>
<th>2,190 Thms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Annual Cash Savings</td>
<td>$2,409</td>
</tr>
</tbody>
</table>

### ELECTRICAL SAVINGS

<table>
<thead>
<tr>
<th>Estimated Annual Reduction</th>
<th>0 kWh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Annual Cash Savings</td>
<td>$0</td>
</tr>
</tbody>
</table>

### WATER SAVINGS

<table>
<thead>
<tr>
<th>Estimated Annual Reduction</th>
<th>0 Gal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Annual Cash Savings</td>
<td>$0</td>
</tr>
</tbody>
</table>

### TOTAL EST. ANNUAL SAVINGS

$2,409

**PROJECT TEAM**

- DEVELOPERS // EAH, Inc
- INCENTIVE PROGRAM // MCE Multifamily Energy Efficiency Program
- TECHNICAL ASSISTANCE PROVIDER // Association of Energy Affordability
- CONTRACTOR // Brendan Dumber - Marin Mechanical II, Inc

**CONTACT MCE TO START SAVING!**

EnergySavings@mceCleanEnergy.org
(415) 464-6033

mceCleanEnergy.org/multifamily-savings
Riviera Apartments is a 28-unit affordable housing property located in San Rafael, CA. Riviera’s property supervisor had another property enrolled in MCE’s Multifamily Energy Efficiency program and was interested in also identifying upgrades at this property. The property was undergoing renovations and MCE was able to provide rebates for more efficient equipment and appliances. Riviera installed Energy Star rated refrigerators and participated in the Direct Install program receiving no-cost LED bulbs, and high efficiency showerheads and faucet aerators in tenant units. MCE also provided rebates for a pool pump, and exterior lighting, improving the safety of the property. Riviera Apartments received a total of $6,500 in rebates.

### Project Scope

» Installed new LED light fixtures
» Installed new condensing water heaters
» Installed variable speed pool pump
» Completed exterior lighting upgrades
» Received free Direct Install in all units

### Project Team

**DEVELOPERS // EAH, Inc**

**INCENTIVE PROGRAM // MCE Multifamily Energy Efficiency Program**

**TECHNICAL ASSISTANCE PROVIDER // Association of Energy Affordability**

**CONTRACTOR // Dan McGoon - Hannibal’s Inc Electrical Construction**

**DIRECT INSTALL // Marin City Community Development Corporation**

### Electrical Savings

- **Estimated Annual Reduction**: 21,385 kWh
- **Estimated Annual Cash Savings**: $3,208

### Gas Savings

- **Estimated Annual Reduction**: 244 Thms
- **Estimated Annual Cash Savings**: $269

### Water Savings

- **Estimated Annual Reduction**: 329,442 Gal
- **Estimated Annual Cash Savings**: $659

### Total Estimated Annual Savings

- **$4,136**