Appendix C. Measure Cost Analysis
Identify and facilitate solar energy EmPowerment districts in commercial, industrial, and mixed-use portions of City.

Join Bay Area efforts to ensure green public transit energy sourcing.

Provide passes and shuttles to transit to encourage use of alternative transportation by City employees.

The City of Berkeley

Encourage additional neighborhood-serving commercial uses and mixed-use development within the City's existing commercial

Measure

Work with Alameda County to convert all street lights to LED bulbs or LED-solar systems.

Measure

Develop comprehensive outreach programs to encourage energy efficiency and renewable energy investments in the

Conduct public transit gap study that analyzes strategies for increasing transit use within the City and identifies funding

Work with AC transit to provide bus stops with safe and convenient bicycle and pedestrian access and essential improvements


### Building Perforomance Data Displays

<table>
<thead>
<tr>
<th>Data Source</th>
<th>Low Cost</th>
<th>High Cost</th>
<th>Average Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lucid Design Group</td>
<td>$61,000</td>
<td>$81,000</td>
<td>$71,000</td>
</tr>
</tbody>
</table>

### Financial Cost Notes

- Low Cost: $8,000 - $13,000 per box. Assume City will install bike boxes at 11 intersections. 
- High Cost: $1,316
- Average Cost: $1,316

### Technology Upgrades

- $107,140 (Leasing) 
- $13,395 (Leasing) 

### Building Energy Policy

- Assume City will hire one green building/sustainability professional at ($80K + benefits/overhead = $200,000) who will be responsible for implementing all strategies related to the CAP. ($200,000 / 19 strategies / 8 years = $1,316 avg annual cost)

### Technology Upgrades

- Amended City of Albany Green Building Standards of Compliance to require 12% increase in energy efficiency at point-of-sale of commercial buildings. Assume City will hire one green building/sustainability professional at ($80K + benefits/overhead = $200,000) who will be responsible for implementing all strategies related to the CAP. ($200,000 / 19 strategies / 8 years = $1,316 avg annual cost)

### Administrative Costs

- $467 million to bring 10 million gas and electric meters with two-way communications capabilities to California. The California Public Utility Commission agreed to allow PG&E to charge ratepayers for an additional

### Administrative Costs

- $1,316

### Technology Upgrades

- $75,000 per campaign (3-4 strategies per campaign) for clip, newsletter, and website activity. 
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**Objective FA-1.2: Establish a permanent farmer's market site within the City and work to expand the market as a community resource.**

Conduct a study of the potential effects of peak oil on the community and develop a peak oil adaptation plan.

**Objective GI-1.2: Measure and encourage implementation of community planning and development strategies.**

Provide public education about benefits of well-designed, higher-density housing and relationship between land use and energy efficiency.

Require new landscape projects to reduce outdoor potable water use by 50%. See Measure TL-4.1.

Encourage 50% reduction in outdoor potable water usage for existing residential and commercial properties.

Establish a citywide zero waste target for 2030.

**Update planning documents to promote high-quality, mixed-use, pedestrian- and transit-oriented development in the San Francisco-Oakland Peninsula area.**

Enhance the community's urban forest and other landscapes to maximize carbon sequestration, reduce stormwater runoff, and improve air quality.

**Albany Climate Action Plan - Draft GHG Reduction Strategies 5/17/09**

**Legends**

- B Public outreach: EDAW $300,000, $25,000, $50,000, $6,250 (for community-outreach strategies)
- E Performance based approach: Cascadia Consulting Group, Inc. Existing Charging station infrastructure service. City of Albany
- G Cost: Low: $20,000; High: $300,000; Average: $200,000
- C Cost Notes: Low: $1,316; High: $2,679; Average: $1,316
- A Cost Source: Low: $50,000; High: $300,000; Average: $150,000
- D Data Source: Low: $50,000; High: $300,000; Average: $150,000

<table>
<thead>
<tr>
<th>Measure</th>
<th>Data Source</th>
<th>Low Cost</th>
<th>High Cost</th>
<th>Avg Annual Cost</th>
<th>Cost Notes</th>
<th>Cost Source</th>
<th>Description/Notes</th>
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<tbody>
<tr>
<td>FA-1.2</td>
<td>B</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Community-wide marketing, education, and outreach activities to promote the farmer's market site.</td>
</tr>
<tr>
<td>GI-1.2</td>
<td>C</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Promote the implementation of community planning and development strategies.</td>
</tr>
<tr>
<td>FA-1.2</td>
<td>G</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Public education about benefits of well-designed, higher-density housing.</td>
</tr>
<tr>
<td>GI-1.2</td>
<td>A</td>
<td>-</td>
<td>-</td>
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</tbody>
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**Cost Notes**

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