- UC Santa Cruz will achieve carbon neutrality by 2025 as part of the UC Carbon Neutrality Initiative.
- All electricity provided by power companies is 60% renewable and will be 100% renewable in 2019.
- Students voted in record numbers to enact a student fee (Measure 44), creating UCSC’s Carbon Fund. The funding is for projects that reduce greenhouse gas emissions. During 2014–15, the Carbon Fund awarded $148,202 to 18 projects.
- The on-campus LEED-certified cogeneration power plant provides 60% of the heat and 91% of the hot water used by the campus.
- All new building projects on campus will be designed and built to outperform Title 24, California’s Building Energy Efficiency Standards, by 20%.
- The campus is pursuing a 2.5-megawatt solar array at the East Remote parking lot, with the goal of having it online by December 2019.

**Campus Energy**

- **Current Campus**
  - Lab Complex: 36%
  - Academic/Administrative Non-Complex: 24%
  - Housing Non-Complex: 25%

- **2040 LRDP Campus**
  - Lab Complex: 35%
  - Academic/Administrative Non-Complex: 40%
  - Housing Non-Complex: 25%

**Existing Conditions Today**

<table>
<thead>
<tr>
<th>Current Campus</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Complex SF</td>
<td>2,160K</td>
</tr>
<tr>
<td>Academic/Administrative Non-Complex SF</td>
<td>2,342K</td>
</tr>
<tr>
<td>Housing Non-Complex SF</td>
<td>1,407K</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>5,909K</strong></td>
</tr>
</tbody>
</table>

**2040 LRDP Total**

<table>
<thead>
<tr>
<th>2040 LRDP Campus</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lab Complex SF</td>
<td>2,714K</td>
</tr>
<tr>
<td>Academic/Administrative Non-Complex SF</td>
<td>4,235K</td>
</tr>
<tr>
<td>Housing Non-Complex SF</td>
<td>3,736K</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>10,688K</strong></td>
</tr>
</tbody>
</table>

**Each Unit = 500K SF**

- Housing
- Academic
- Complex
Campus Buildings Served by Central Cogeneration Plant

Legend

- Central Heating
- Central Cooling

Campus Solar Availability

Legend

- Meadow landscape: opportunities for solar generation
- Forest landscape: no opportunities for solar generation