

LONG-RANGE DEVELOPMENT PLAN

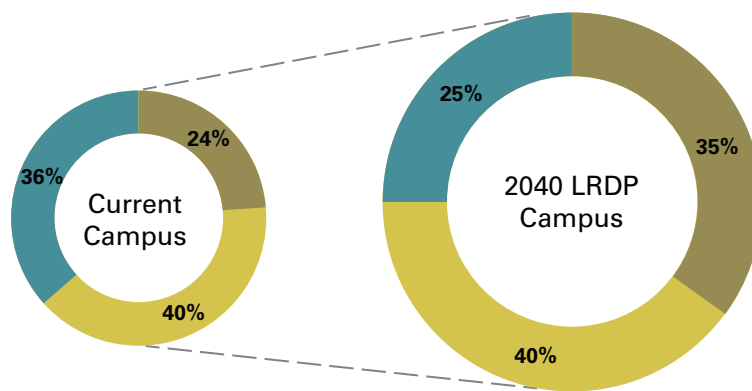
ENERGY + CARBON

EXISTING CONDITIONS TODAY

- 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

- Lab Complex
- Academic/Administrative Non-Complex
- Housing Non-Complex



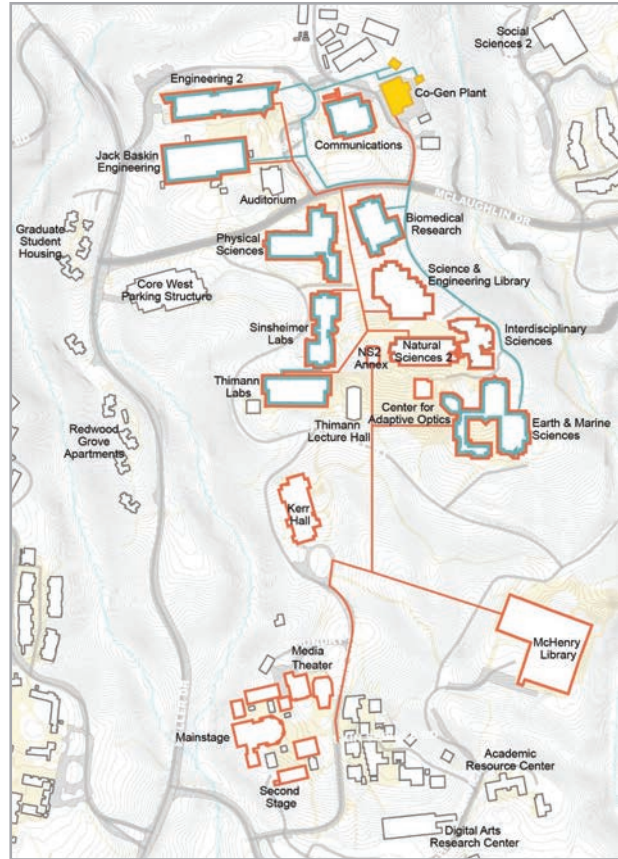
EACH UNIT=500K SF ■ Housing ■ Academic ■ Complex



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

