

Appendix F

Energy Data

CCSP Operational Energy Use

Land Use	Amount	Units	Electricity ^{1,2}	Natural Gas ^{1,2}
			Megawatt-hours/year	Million Btu/year
Residential	13,401	Dwellings	61,136	172,554
Restaurant	280,030	Square feet	11,843	49,845
Government Office Buildings	435,837	Square feet	6,437	5,736
General Office Buildings	3,510,892	Square feet	51,856	46,203
Retail/Service	2,303,044	Square feet	9,509	12,529
Medical Offices	643,797	Square feet	27,214	8,472

1. Electricity and natural gas consumption estimates were generated using CalEEMod 2016.3.1. See Appendix C1 for model outputs.

2. Unit volume fuel factors (kg CO₂/gallon) for gasoline and diesel are from the U.S. Energy Information Administration Frequently Asked Questions, located here: <https://www.eia.gov/tools/faqs/faq.php?id=307&t=11>

Total Construction Fuel Consumption

Category	Diesel Fuel ^{1,2} (gallons)	Gasoline ^{1,2} (gallons)
CCSP	3,141,833	188,373

1. Assumes worst-case construction fuel use based on the CalEEMod 2016.3.1 model and the methodology described above. See Appendix C1 for model outputs.

2. Unit volume fuel factors (kg CO₂/gallon) for gasoline and diesel are from the U.S. Energy Information Administration Frequently Asked Questions, located here: <https://www.eia.gov/tools/faqs/faq.php?id=307&t=11>

Operational Annual Fuel Consumption Year 2035

Category	Diesel Fuel ^{1,2} (gallons)	Gasoline (gallons)
CCSP	125,237	14,124,000

1. Operational fuel use based on the CalEEMod 2016.3.1 model and the methodology described above. See Appendix C1 for model outputs.

2. Unit volume fuel factors (kg CO₂/gallon) for gasoline and diesel are from the U.S. Energy Information Administration Frequently Asked Questions, located here: <https://www.eia.gov/tools/faqs/faq.php?id=307&t=11>