

UCSD GILMAN SOLAR GROVE™

SYSTEM SIZE:

166 kW AC CEC
197 kW DC

SYSTEM CONFIGURATION:

Utility Configuration: Grid Connected
Solar Modules: 959 Kyocera KD-205

UTILITY DISTRICT:

San Diego Gas and Electric

NUMBER OF PARKING SPACES:

92

YEARLY POWER PRODUCTION:

275,000 kWh

ESTIMATED DATE COMPLETED:

August 2008

AVOIDED EMISSIONS:

(annually, in pounds)

Carbon Dioxide: 263,480

Nitrogen Oxides: 239

Sulfur Dioxide: 180

POUNDS OF COAL DISPLACED:

155,980 annually



University of California San Diego
Gilman Parking Structure

The Solar Rows™ at UC San Diego's Gilman Parking Structure, located at the edge of one of the busiest entrances to the campus, are an extremely visible demonstration of the campus' commitment to sustainability. Deploying Solar Rows™ atop parking structures was useful for the planning division of UC San Diego, as it allowed them to use existing space in productive and aesthetic manner. The solar arrays are a part of the university's larger Environment & Sustainability Initiative, for which it was recently recognized by the Climate Action Registry as a "Climate Action Leader" for successfully measuring, certifying and reporting its greenhouse gas emissions to the Registry and the public.

