

RENEWABLE ENERGY INFORMATION FROM THE PIER AQUARIUM LABYRINTH



DEFINITION: organic waste (such as wood and plant residues) that can be used to produce electricity.

Biomass

1. Biomass electricity: drawn from combusting or decomposing organic matter.
2. Benefits of biomass electricity:
 - Supply of biomass will never run out.
 - Electricity produced by biomass reduces threat of global climate change.
 - Eliminates need to place waste in landfills.
 - Clearing biomass from wooded areas helps prevent forest fires.
 - Using by-produce methane gases to produce electricity eliminates odor and reduces air pollution.
3. Two percent of California's total electricity capacity is from waste-to-energy plants.
4. Californians currently use electricity produced from burning agricultural and forest residues, collected landfill and other renewable methane gases.