



**T**he sun provides 100% of the electrical power used by MBAC. Our solar photovoltaic power system, installed by Sullivan Solar Power, was made possible by a grant from California Solar Initiative, the Associated Students of San Diego State University, and the University of California San Diego. The 40.7kW system provides MBAC with clean energy from the sun and prevents 87,000 pounds of CO2 from entering the atmosphere each year. To see live stats of our current solar production, please visit:

[www.mbaquaticcenter.com/solar](http://www.mbaquaticcenter.com/solar)

# MBAC... Where Blue Meets Green

*The Mission Bay Aquatic Center is committed to serving as a model for responsible and sustainable practices. We take our responsibility for being green very seriously and take the following approach to protecting our environment.*

## Renewable Energy

Sunny weather is typical in beautiful San Diego. The amount of energy available from the sun is virtually unlimited and free, and the Mission Bay Aquatic Center has taken advantage of the sun's energy in several different ways.



### Here's what we're doing:

- In October of 2008, a 41,000 watt solar photovoltaic generating system was installed on the MBAC roof, making the Mission Bay Aquatic Center the first business in San Diego to generate from the sun, 100% of the electricity that it consumes.
- The system avoids emitting 87,000 lbs. of carbon

dioxide per year, which is the equivalent of pollution an average passenger car emits over 3,204 days, or nearly 9 years.

- In a year, our solar panels produce enough energy to power 1,408 homes for one day.
- The MBAC was built in 1975 with extensive daylighting (skylights) so that indoor lighting is not necessary on most days.
- In September of 2009 MBAC installed solar thermal panels to heat 75% of the hot water used in our showers and restrooms.

## Waste Reduction, Recycling and Reuse

The MBAC encourages recycling by having a recycling container next to every trash receptacle. Our customers and employees are constantly reminded about ways to reduce waste and importance of recycling.

### Here's what we're doing:

- We recycle over 70% of our waste stream
- We use 100% post-consumer recycled copy paper, toilet paper and paper towels.
- We have installed a high-pressure washer to wash our boats, which reduced our water consumption by over 50%.
- We have installed waterless urinals which save over 80,000 gallons of water per year.
- We have installed high efficiency toilets that use 75% less water than older toilets and automatic faucets that use 50% less water than standard faucets.
- We have low flow shower heads and signs encouraging customers to take a shorter shower.

## Energy Efficiency

The Mission Bay Aquatic Center sees energy efficiency as a way of reducing expenses, which keeps our prices low, while doing our part to utilize less energy and reduce carbon emissions.

### Here's what we're doing:

- We have occupancy sensors and timers throughout the building to reduce energy wasted from lights being left on when not needed.
- We have a high-efficiency washer and dryer which use 65% less water and 55% less energy than a standard washer and dryer.
- We have an ultra-high efficiency water heater which uses 40% less natural gas.
- We have all Energy Star appliances and computers and in addition our computers meet the environmental EPEAT Gold standard.



**Sullivan Solar Power**  
Leading the Solar Energy Revolution

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