

MARINE GROUP BOAT WORKS

Founded in the early 1980s, Marine Group Boat Works the operational budget. (MGBW), located in the Port of San Diego, is a family-owned, full-service vessel construction and repair company. Between its three facilities, MGBW employs over 200 ABS-certified welders, shipfitters, pipefitters, mechanics, electricians, painters, and other specialists.

According to the EPA Greenhouse Gas Equivalencies Calculator, MGBW's solar system offsets the equivalent of annual greenhouse gas emissions from 1,214,096 miles driven by an average passenger vehicle. It also offsets CO2 emissions from 57,002 gallons of gasoline consumed or 540,568 pounds of coal burned per year.

Project Specs

Location :	San Diego, California
System Size	482.98 kW
Number of Panels	1,558
Annual Energy Cost Savings	$154,596

The Baker Solution

After a nationwide search for a solar provider, Marine Group Boat Works chose Baker Electric Solar. The choice was based on Baker's reputation and exceptional workmanship built on 75+ years of electrical contracting experience.

Baker stayed on schedule, did a great job of communicating, and even arranged the solar commissioning after-hours and on a weekend to help us avoid interruptions to our business operations.

Todd Roberts

President, Marine Group Boat Works

The Project Challenge (Pa

- + Achieve sustainability leadership within the community reduction goals
- + Reduce high electric bills enabling re-investment into t
- + Marine Group Boat Works' decision to go solar was pri sustainability and environmental conservation

Our initial decision to go solar was driven primari builder.

The Result

Baker Electric Headquarters
Image not found or type unknown
Main:
Image not found or type unknown
760.745.2001
Baker-electric.com
Image not found or type unknown
BakerCommercialSolar.com
Commercial Solar:
760.690.5010
Baker Electric Los Angeles
877.678.8080

MGWB's custom-designed solar system produces roughly 81% of its annual energy needs based on past consumption. Their system saves $154,196 in energy costs per year and will save the boat builder $3MM over 25 years. Energy savings from the solar system enables re-investment into the company's operational budget focusing more resources on the construction and repair of ships and super yacht vessels. MGWB's switch to solar also meets its goal of supporting the Port of San Diego's Climate Action Plan, which calls for a 10% reduction of all greenhouse gas emissions by 2020 and 25% by 2035.

Thanks to partnerships between capable solar providers such as Baker and progressive businesses such as Marine Group Boat Works, we continue to chart a course to a cleaner, more sustainable future for our region's economy and environment.

Jason Anderson

President and CEO Cleantech San Diego

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