

Case Study

625 Powell Street Apartment Building



Overview

Located in downtown San Francisco on historic Powell St, with cable cars rolling past the front doors, this 22 apartment building dates back to the early 1900s.

Owned and managed by the Waldman Management Group (www.waldmanmgmt.com), the apartments have been renovated to a modern, well appointed standard.

The owners understood the benefits of solar from other properties that have benefited from more than 20 years of solar energy savings.

The tenants are impressed with the knowledge that around 75% of their hot water will be from the sun!



Project Summary:

Property Name: 625 Powell Street
Location: San Francisco, CA, USA
Application: Domestic Hot Water
Array Size: 12 x AP-30 collectors
Backup Heating: 100G Gas Water Heater
270,000 Btu/hr

Estimated Savings:

Peak Output: 24 kW / 82,000 Btu/h
Annual Energy Output: 43 MWh / 147 MMBtu
Natural Gas Reduction: 1700 therms/year
Annual CO₂ Offset: 11 tonnes / 24,500 lbs
System Payback: <3 years

