



FROG'S LEAP

SOLAR ENERGY

FACT SHEET

OUR SYSTEM

1020 photovoltaic panels
on ½ acre of vineyard space
South-East facing panels
with 5-degree angle
System lifetime equals 30 years

OUTPUT

168 kw/day
450,000 kw hours electricity/yr

WINERY USE

65 kw/day runs 100% needs
Excess "feeds back" into PG&E grid

EQUIVALENCY

(Over the 30-year lifetime of panels)
Reduction in fossil fuel emission, CO₂
by 1600 tons:
— equal to the planting of
450 acres of trees, or
— not driving 4 million miles
Peak daytime hours produce enough
electricity to power 150 homes

FINANCIAL IMPACT

Cost of project \$1.2 million
PG&E rebate of 50% or \$600,000
System fully pays for itself in 6 years

Through its commitment to provide on-site solar power, Frog's Leap Winery has reinforced its belief that thoughtful ecological decisions are also good business decisions. In February of 2005, the winery essentially "flipped the switch" becoming 100% solar powered and thereby joining a growing list of concerned businesses committed to reducing the environmental impact of conventional power sources.

Photovoltaic panels collect sunlight that is then converted to a clean and renewable energy source. By capturing more electric power than what is needed by the business, the photovoltaic panels have the benefit of "net metering" which allows the business to sell excess electricity back to the power company for credit and thereby becoming an energy provider.