

hire electric, inc.



509.783.3992 | www.hiresolar.com

SOLAR ESTIMATOR

Solar makes cents

You Harness Sunpower for your Vineyards...
Why not Harness the Sun for your Electricity?



Let's Create an EV Wine Loop!

Every day another wine lover

buys an electric car.

From Seattle to Boise to Portland...

they want to tour wineries,

charge their EVs and

purchase great wine!



Solar costs and long paybacks are no longer prohibitive.

Today, dramatic price declines combine with
some of the best Solar incentives in the nation.

These incentives have our customers reducing their electric bill,
their carbon footprint ...

and seeing a great return on their investment!

**Hire Electric has been doing Solar in
Eastern Washington since 2003.**

We have over a MegaWatt of experience Solarizing homes,
businesses, wineries and government buildings.

**You owe it to your business to have a us
give you a FREE Solar Site Analysis.**

We'll show you the energy producing potential of your facility
and the financial report for your CFO.

In Cooperation with



www.ncelec.com/solar-solutions



Solar Modules



- Built in the USA
- High efficiency 25 Year Warranty
- Mates up well with **Power One** Inverters
- Full line of industry leading SolarWorld Modules

www.solarworld-usa.com



Inverters

- Certified Built in the USA
- High efficiency - Award Winning
- Qualifies for WA Solar Production Incentive at \$.15/kwh
- State-of-the-art Micro-Inverters also available



www.power-one.com



SOLAR ESTIMATOR

Solar makes cents

Executive Summary

24 kW Winery Solar Array Sample

Electric Utility Savings: Anticipate a savings of approximately \$6,550 (102%): current electric utility rate savings of \$1,690 (expected to inflate 6.00% a year) plus first-year performance-based incentives (PBI) of \$4,860. (See Cashflow Detail). PBIs extend for 6 years. The purchase of electric energy (kWh) from your utility is expected to be reduced by 27%.

Over 25 years, annual utility savings are anticipated to average \$3,710, for a total utility savings of \$92,753. After tax effects are applied, savings average \$2,671 annually or \$66,783 over the system life. PBIs increase savings by another \$28,796.

Performance Summary

Solar Electric (PV) System: 24 kW DC (23.4 kW AC) producing 32,400 kWh/Year

Purchase Price & Net Cost

Contract Price: \$71,926

Incentives to Customer: (\$21,578)

Net Purchase Cost: \$50,348

Incentives in Later Years: (\$24,377) (P.V.)

MACRS Depreciation: (\$12,722) (P.V.)

Net-Present Cost: \$13,249

Includes present value (P.V.) of these future cash flows.

Financial Ratios

Customer's Profitability Index: 1.3

Cashflow Payback: 5.7 years

9.1 years (modified)

Internal Rate of Return (IRR): 9.3%

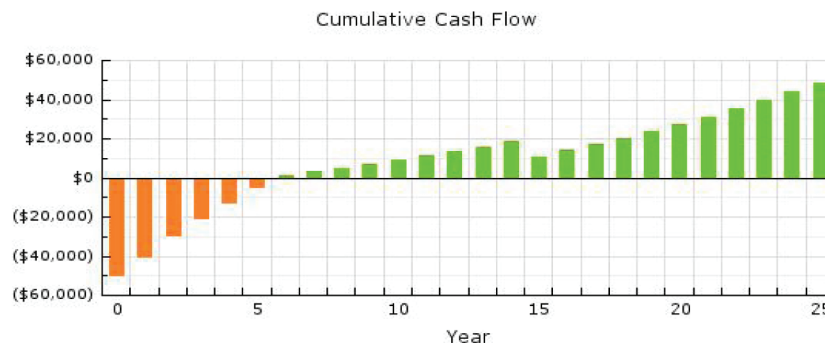
Modified IRR (MIRR): 8.2%

Net Present Value (NPV): \$14,583

Cash Gained over Life: \$49,312

- CO2 Saved over System Life: 664 tons. Equivalent to driving 1,328,000 auto miles

Finance: Cash



Hire Electric, inc. Solar Division

Bob Skinner bob@hireelectric.com | 502.783.3992 | www.hiresolar.com

1.28.2014