

hire electric, inc.

Solar Division

509.783.3992 | www.hiresolar.com

SOLAR ESTIMATOR

Solar makes cents

Typical Solar System has a 5-6 Year
Cash Flow Payback



Want to offset a majority of your power bill with free power from the sun?

No longer is the cost and payback prohibitive. Dramatic price declines in the last few years combined with some of the best solar incentives in the nation... have our customers seeing a 10-12% return on their investment and a 5-6 year solar power system payback.

If you have a "good" solar roof relatively shade free and a Southeast to Southwest orientation ... you owe it to yourself to have us give you a Solar Site Analysis. It will provide you with a complete Design, Performance and Financial Report.

See back of this flyer for an example of a local detailed Financial report.

In Cooperation with



www.ncelec.com/solar-solutions

Solar and EVs... Go Great Together!



Ask about our special
customer pricing for
Nissan Leafs & Ford EVs
from local
Tri Cities dealers!



- Certified Built in WA
- High efficiency 25 Year Warranty
- Mates up well with **THEIA** inverters
- Qualifies for WA Solar Production Incentive
- Full line of industry leading **itek** Modules



THEIA Inverters

- Certified Built in WA
- High efficiency - Award Winning
- Qualifies for WA Solar Production Incentive at \$.54/kwh when used with **itek** Solar Modules
- State-of-the-art Enphase Micro-Inverters also available



Executive Summary

5.2 kW Itek/Theia Solar Array

Electric Utility Savings: Anticipate a savings of approximately \$4,207 (206%): current electric utility rate savings of \$472 (expected to inflate 6.00% a year) plus first-year performance-based incentives (PBI) of \$3,735. (See Cashflow Detail). PBIs extend for 6 years. The purchase of electric energy (kWh) from your utility is expected to be reduced by 23%.

Over 25 years, annual utility savings are anticipated to average \$1,035, for a total utility savings of \$25,871. PBIs increase savings by another \$22,128.

Performance Summary

Solar Electric (PV) System: 5.2 kW DC (5.044 kW AC) producing 6,916 kWh/Year

Purchase Price & Net Cost

Contract Price: \$28,600
 Incentives to Customer: (\$8,580)
 Net Purchase Cost: \$20,020
 Incentives in Later Years: (\$18,733) (P.V.)
 Net-Present Cost: \$1,287
 Includes present value (P.V.) of these future cash flows.

Financial Ratios

Customer's Profitability Index: 1.5
 Cashflow Payback: 4.7 years
 5.5 years (modified)
 Internal Rate of Return (IRR): 12.5%
 Modified IRR (MIRR): 8.7%
 Net Present Value (NPV): \$9,357
 Cash Gained over Life: \$23,632

- Property Value Appreciation: \$32,140 (first-year utility savings and ave. PBI value x 20 years)
- CO2 Saved over System Life: 142 tons. Equivalent to driving 284,000 auto miles

Finance: Cash



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