



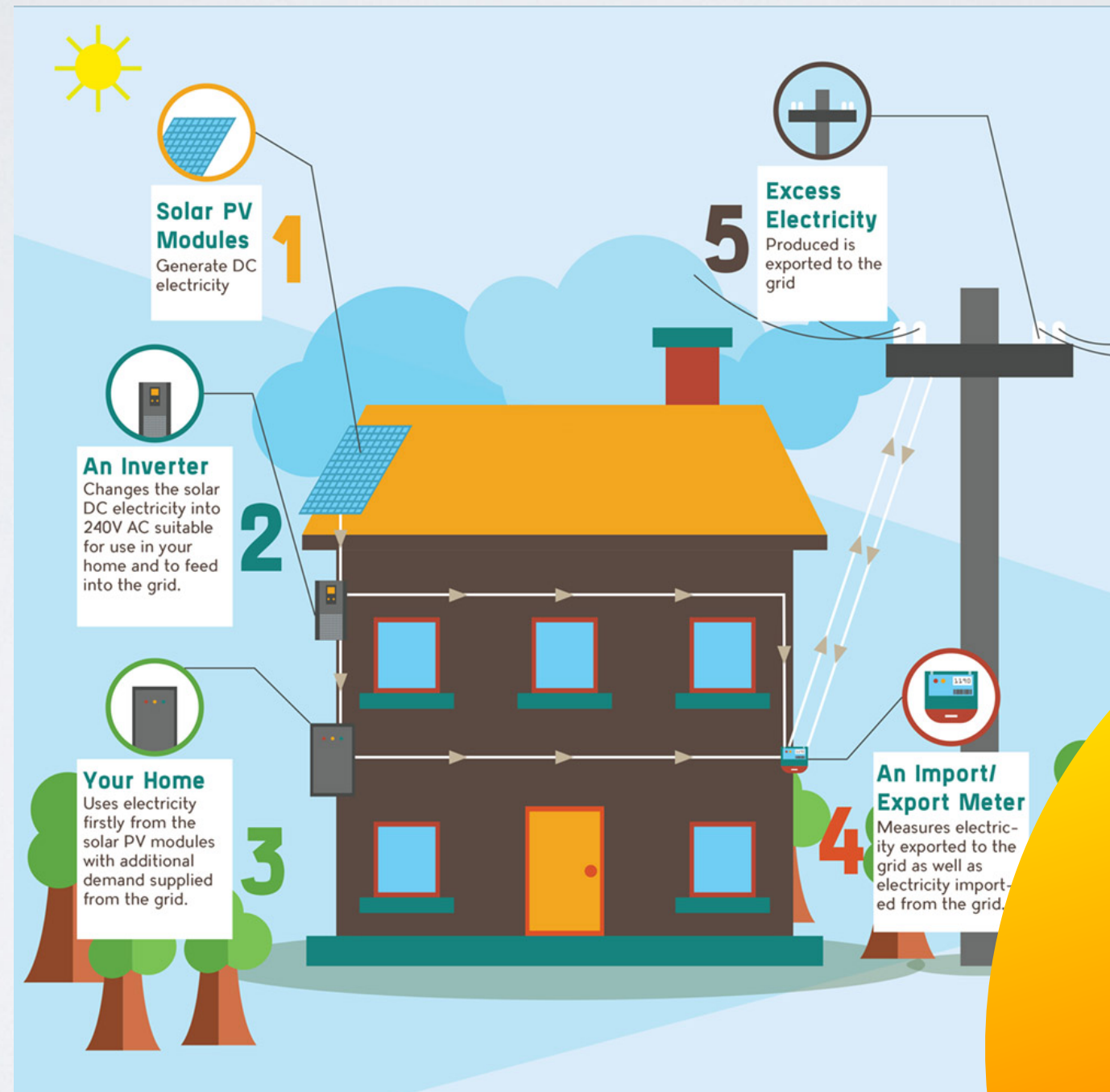
ARCTIC SOLAR VENTURES

AHFC Energy Efficiency Now Conference | March 30, 2017

880 H Street - Commercial Solar Case Study

Stephen Trimble, Founder & CEO

How does solar work?



Advantages of Solar

- Easily deployed by home or business
- Clean & renewable energy source
- Low maintenance (no moving parts)
- Silent operation
- Can power remote areas

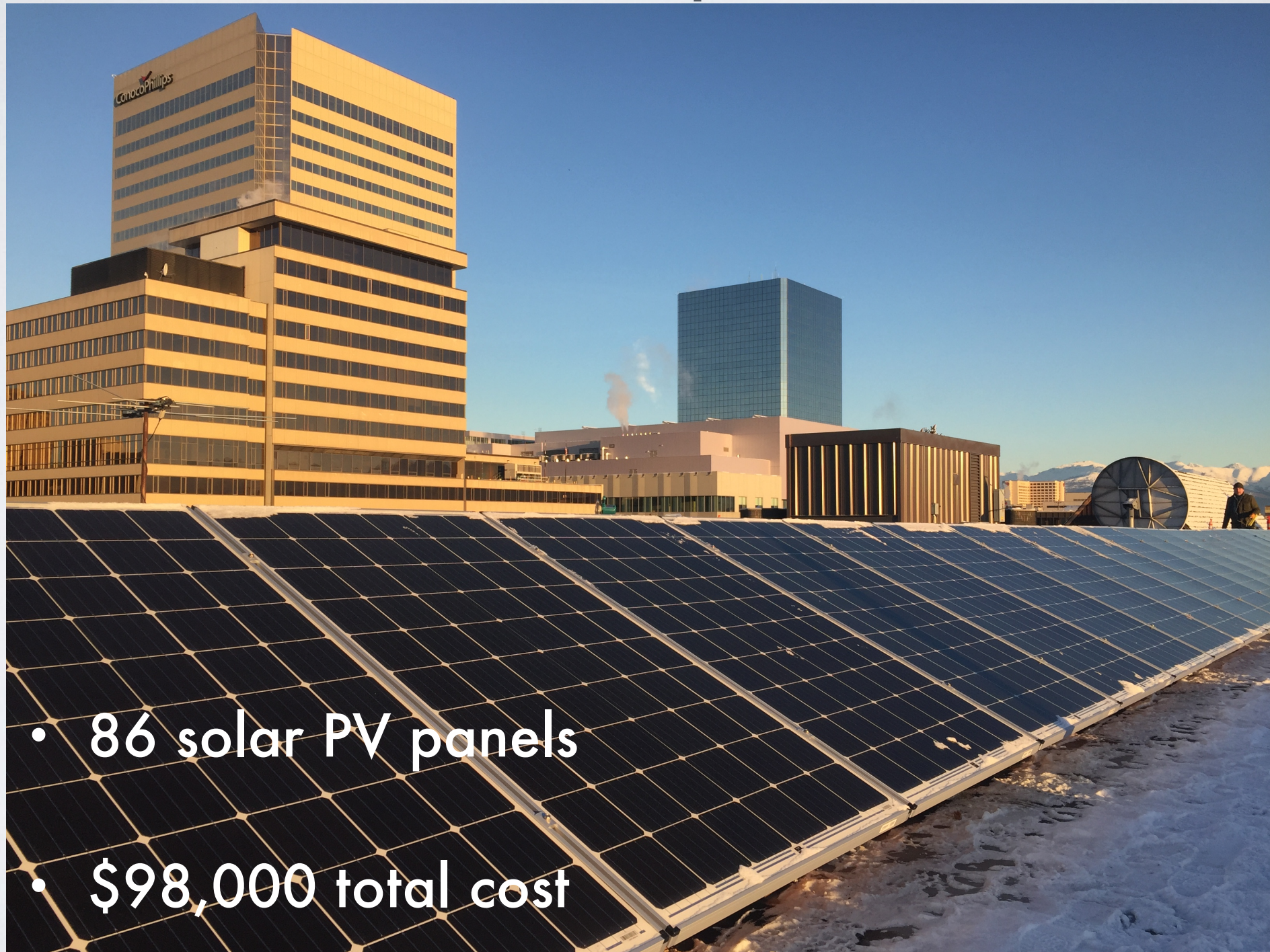
Alaska's Solar Resource

- Equal to Germany (40,000 MW installed)
- Greater than Britain (13,000 MW installed)
- Alaska has <1 MW of installed solar

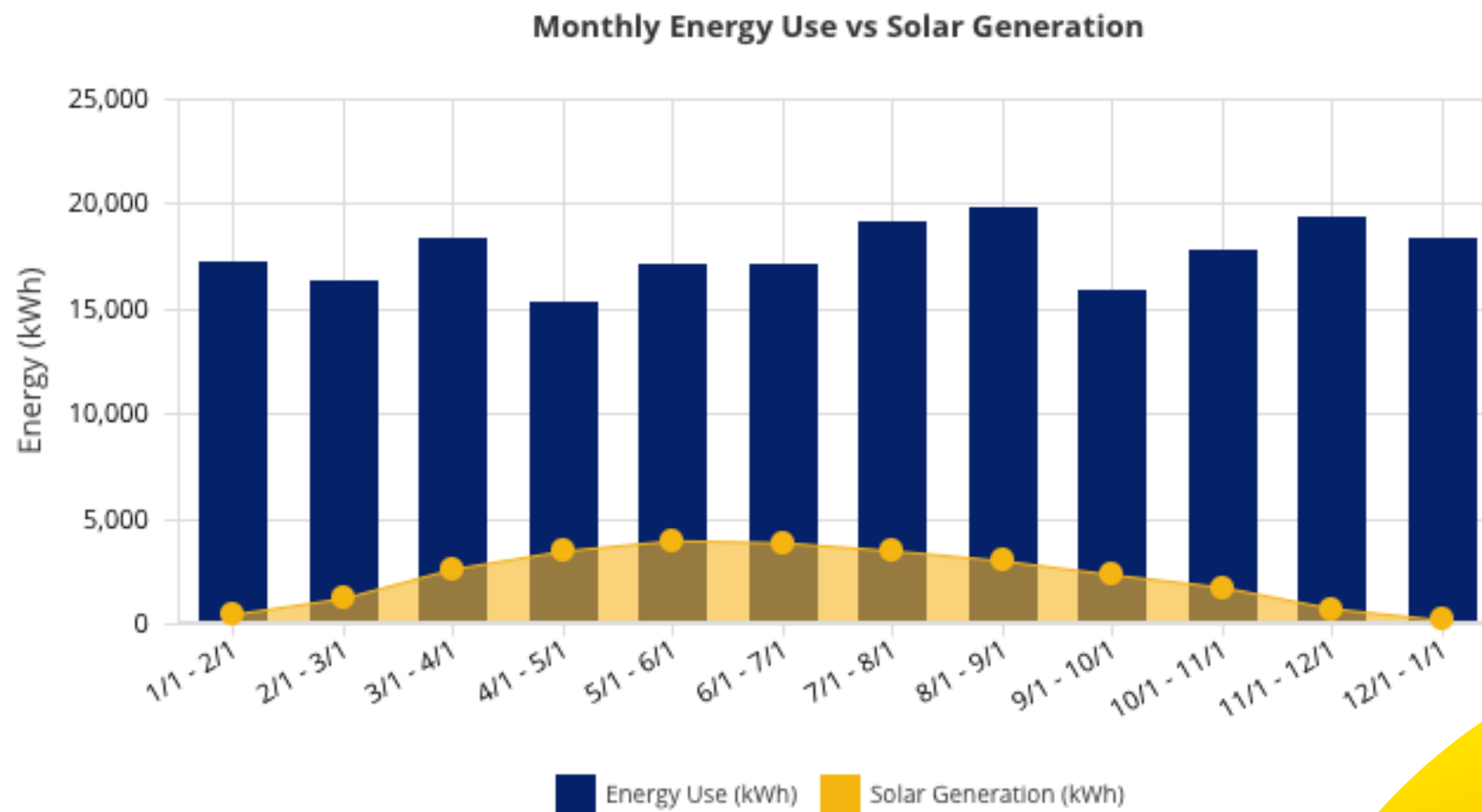
Solar Economics in Alaska

- Tax Incentives
- 40+ year life
- Energy savings tax free
- No capital gains tax
- Competitive to trade stock/ bond

880 H Street Project Overview



880 H Street Project Overview



- 15% annual electrical usage offset
- \$40,000 first year tax savings
- \$10,000 average annual electrical savings
- \$367,000 30 year total savings

Commercial Solar Financial Metrics

- \$0.054/kWh (LCOE)
- 12% annual return (IRR)
- 10 year payback

Commercial Net-Metering

- Limited to 25kW in size
- retail (1 to 1) credits for production
- avoided cost (1 to 1/3) credits for overproduction
- credits do not expire, applied to subsequent bills



Learn More and Contact Us At:

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