

# Solar Acres Farm

## Washington and Federal Government Solar/EV incentives



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2/16/17

# Solar Acres Farm Implementation:

2011

Mar City Electric quote \$41,827.50 for 4.3KW Solar Stone \$35,675.00/4.2KW Silicon Energy

2012

Dec Invested in 20 Itek panels and Blue Frog inverters \$34,734.00/4.8KW

2013

Apr Received Fed tax return 30% and WA sales tax refund total about \$11,500.00

May Invested, incentive dollars, in 10 Itek panels and Blue Frog inverters \$12,300/2.4KW

Aug Received \$4500.00 check from Washington/Avista solar power incentive program.

Dec Through net metering saved \$600.00 on utility billing throughout the year.

Leased Nissan LEAF, Keep Current, Go Solar, Drive Electric

2014

Aug Received \$5000.00 check from Washington/Avista solar power incentive program.

Dec Through net metering saved \$600.00 on Utility billing throughout the year.

Driving electric saved \$1200.00 throughout the year.

Invested, incentive dollars, in four panels on the west rack including railing \$6000.00.

2015

Apr Received Fed tax return 30% about \$1500.00

Aug Received \$5000.00 check from Washington/Avista solar power incentive program.

Dec Through net metering saved \$600.00 on Utility billing throughout the year.

Driving electric saved \$1200.00 throughout the year.

Invested, incentive dollars, in four panels on the west rack. \$4000.00

2016

Apr Received Fed tax return 30% = \$1200.00

Aug Received \$5000 check from Washington/Avista solar power incentive.

Dec Through net metering saved \$600.00 on Utility billing throughout the year.

Driving electric saved \$1200.00 throughout the year.

Bought my LEAF off the lease total cost \$22,000.00 (Fed \$7.500 and no WA sales tax)

Invested, incentive dollars, in twenty two panels on the west rack. \$12,500.00

(I decide, due to the new Trump administration in DC, to finish the "incentive dollar" investment early, who knows what will happen)

2017

Apr Anticipate to receive Fed tax return 30% = \$3750.00

Aug Anticipate to receive \$5000.00 check from Washington/Avista solar power incentive.

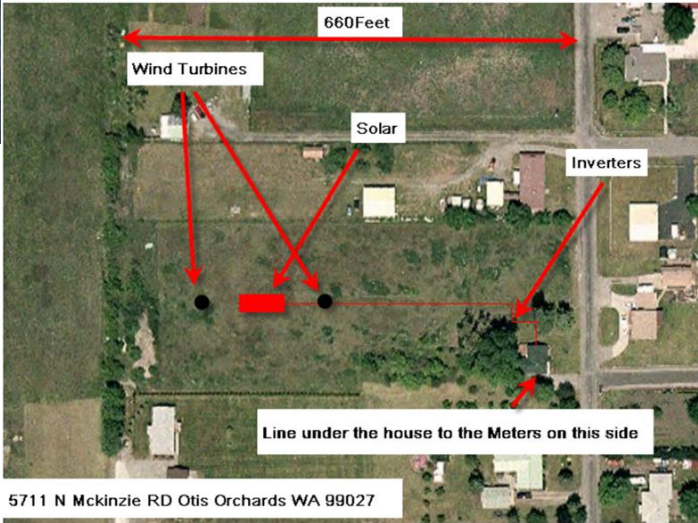
Dec Anticipate, through net metering, to saved \$600.00 on Utility billing throughout the year.

Anticipate, Continue driving electric saveding \$1200.00/Year

Planning projects to store excessive daily power generation for night consumption.

"Avista is interested in finding out the ins and outs of intelligently managing loads."

# 2011 Infrastructure Planning etc.



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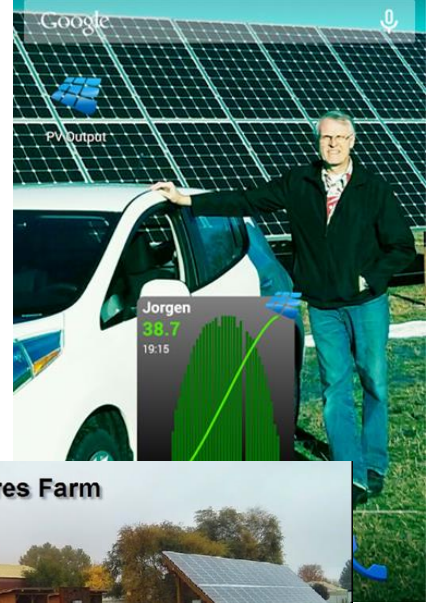
2012 4.8KW = 20 Itek 240W panels installed, \$35K



# 2013 Added 10X240W Itek, paid by incentive \$12.3K



# 2014 Drive Electric, 4X285W, paid by incentive \$6.0K



2015 Drive Electric, 4X285W, paid by incentive \$6.0K





2016 Drive Electric, 22X285W, incentive/invest  
\$6.0/6.5K



# 2017 Planning the Future



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