

Solar Acres Farm

Washington and Federal Government Solar/EV incentives



Jorgen Rasmussen
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

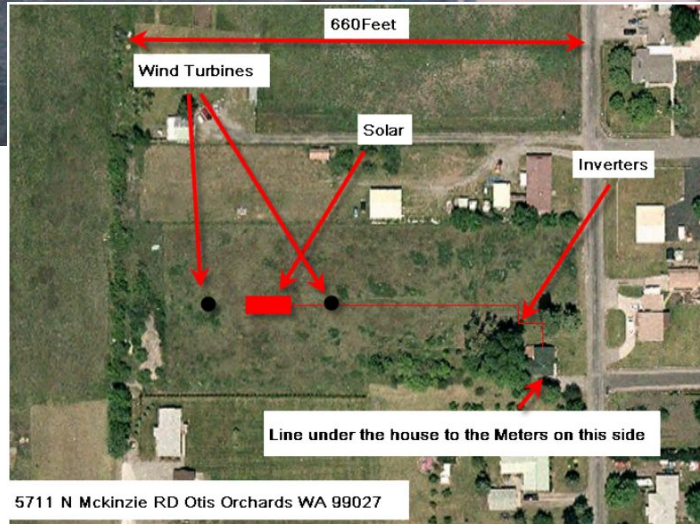
Aug Anticipate to receive \$5000.00 check from Washington/Avista solar power incentive.

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

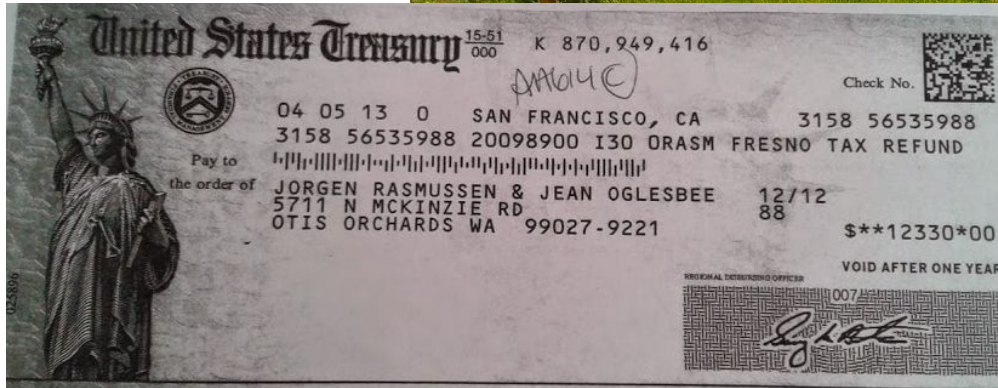


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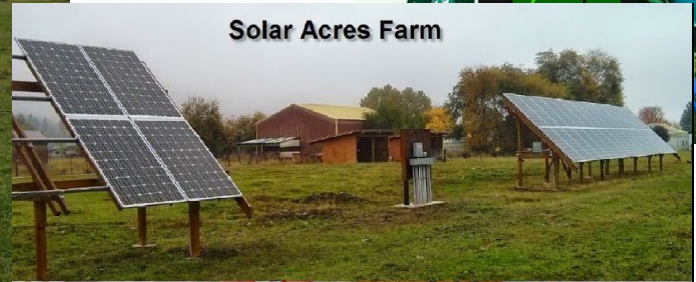
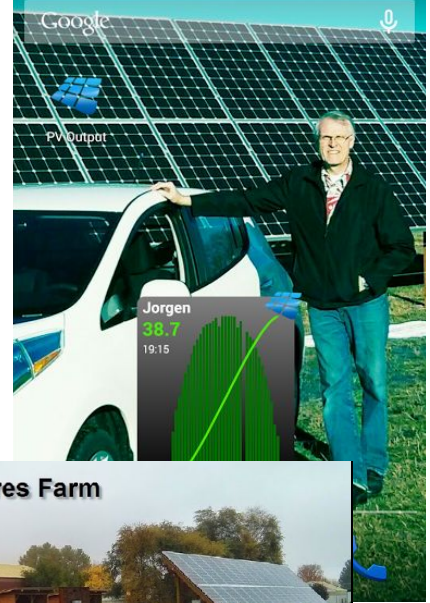
2012 4.8KW = 20 Itek 240W panels installed, \$35K



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



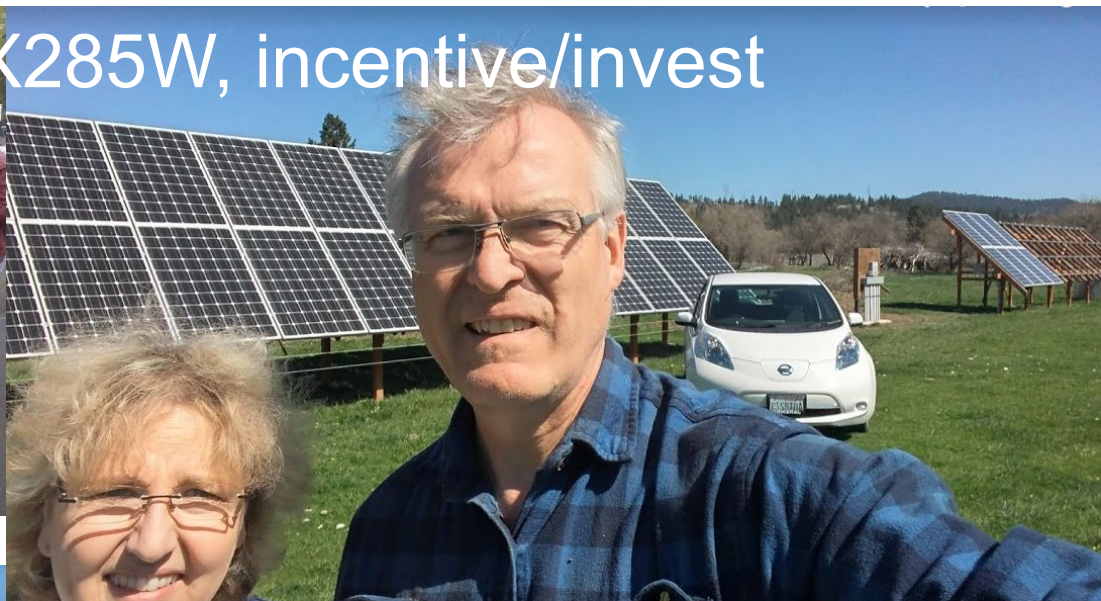
2014 Drive Electric, 4X285W, paid by incentive \$6.0K



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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