

Q&A Table
Solar PV - purchase

Location (City, State)	Larimer County, CO
Size of system	370 watts – solar groundwater pumping
Year installed	2012
Grid-tied or stand alone?	Stand alone
Estimated kWh generated/year	Don't know
Percent of electricity use from solar	All the pump needs.
Electric bill before and after installation (optional)	Since I had no pump for the well prior to the solar system there was no electric bill for it.
Payback period (optional)	10 years to pay back the water bill.
What made you decide to go forward with the project?	Needed water for the pasture, too much hassle to do regular electric. I really did it to save on the water bill, but a conventional system would have added to the electric bill.
What made you choose solar PV instead of solar hot water or other renewable energy?	Not enough room to put up a wind turbine. The pump runs when the sun shines and that is sufficient.
How was the system sized?	Provided the capacity of the well and my contractor sized it.
How long did the install take/were there any snafus?	Perhaps 5 or 6 hours and no snafus.
How did you finance the system (i.e. cash, bank loan)?	The two solar panels were about \$600. Maybe another \$200 to \$300 for posts, wires, sensors, switches, braces – some stuff my brother put together.
Did you take advantage of any financial incentives/tax credits for the project?	None available for what I did.

<p>Has the performance met your expectations, including financially?</p>	<p>I have more pasture grass than I know what to do with, and I'm not paying for City water anymore. The answer is YES!</p>
<p>Did you learn any lessons you'd like to share with others who might be considering a similar project?</p>	<p>Couldn't find anyone in Colorado who could supply the setup I needed. Most didn't want to do such a small project.</p>
	 A photograph showing two rectangular solar panels mounted on wooden posts in a grassy field. The panels are tilted towards the sun. In the background, there are trees and a white building under a clear blue sky.