



# CHECKLIST FOR SOLAR PV



## SYSTEM SIZE

Size the PV system based on your annual consumption not the size of your roof or your peak monthly load. Sizing the system based on your peak load in the summer means you may generate excess power during the other months. Utilities buy excess electricity at lower rates. Excess power lowers your ROI.



## INCENTIVES

The 30% investment tax credit (ITC) is available nationwide. Check your local area for additional rebate programs. If you calculate the 30% ITC on your overall system costs, you may owe income tax on the local rebate. To be safe, subtract the local rebate from the total cost, then apply the 30% tax credit.



## GOALS

Determine your goals. Are you focused on the environmental benefits, the return on investment or do you want to be an early adopter. Ask your solar "architect" to design the system around your goals.



## COST

How much should solar cost? Competition drives down costs. In my home market, which is in San Antonio Texas, the average cost in 2015 was \$3.50 per watt for a residential system. If your quote is higher, shop around.



## INSTALLATION COMPANY

This one is tough? Do you know anyone with solar? Probably not. Does your utility company have a list of "certified installers"? Your best bet is to find an advocate, nonprofit or solar "architect" to help. If you live in Texas, send me an email - I know several qualified firms.



## AFTER THE INSTALLATION

How do you know the installation company installed the equipment you paid for? Do you have a performance guarantee? What about a maintenance plan?

# Solar Panels Checklist

**Lei Shi**



**Solar Panels Checklist:**

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