

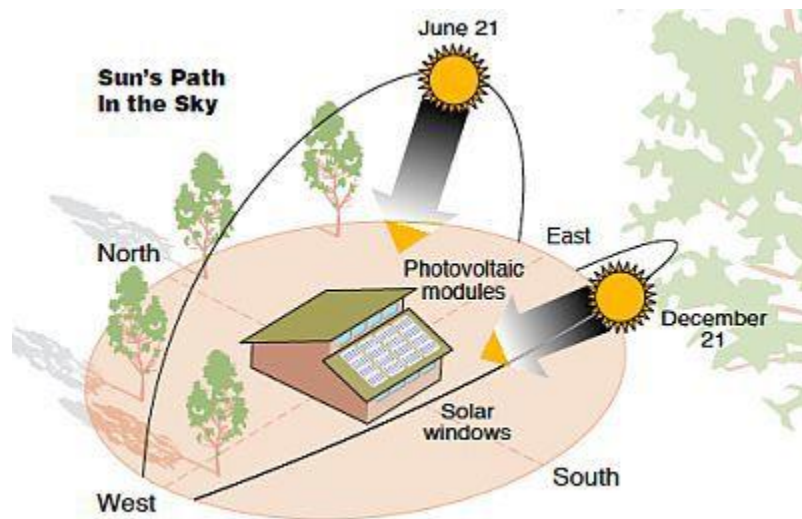
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December 14, 2016

City Council: Mansfield Texas  
122 East Broad St  
Mansfield, TX 76063

To the City Council,

I am writing to request permission for solar panels be installed on the south, east, and west sides of my home. Of particular request, is installation on the front of the house facing the street, which is the south part of our home. The south part of our home receives the most sunlight during the day and as such is optimal for solar electricity production.



(Image: <https://livingonsolarpower.wordpress.com/2013/03/08/how-the-sun-moves-through-the-sky/>)

The back of our home, which is facing north, unfortunately is a vaulted ceiling and cannot support the weight of solar panels. Vaulted ceilings are ones which do not have attic space between the ceiling and roof, and as such are not sturdy enough to support solar panels.

An aerial photograph of a residential street. The street is paved and runs diagonally from the bottom left towards the top right. On the left side of the street, there are several houses with dark roofs. Four blue squares are overlaid on the image, marking specific houses: one on a house near the top left, one on a house in the middle left, one on a house in the middle right, and one on a house near the bottom right. The houses are surrounded by green lawns and some trees.

We respectfully request permission to place solar panels on both the front and sides of the home to achieve maximum solar energy production (**9,366 kWh**). We submit this request for the purpose of increasing our long term energy savings and in the hopes of positively impacting our environment by effectively utilizing modern renewable energy technologies.

Respectfully,  
Steve Owusu-Ansah

**Summary:**

Current Yearly Home Electricity Needs:	<b>11,990 kWh</b>
Energy Produced with 27 Solar Panels Utilizing Front and Sides of Home:	<b>9,366 kWh</b>
Energy Produced with 20 Solar Panels Utilizing Only Sides of Home:	<b>6,588 kWh</b>

