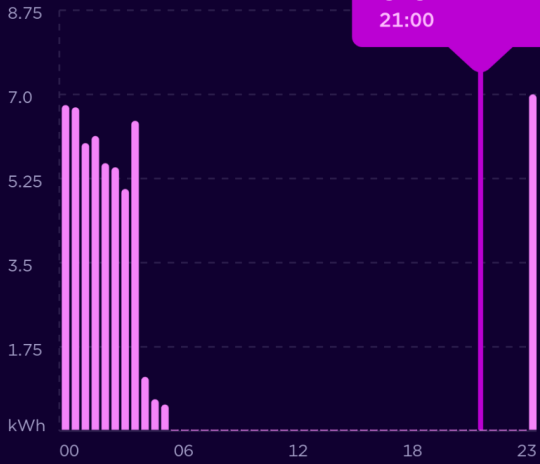


Response to Consultee comment:

1. Whilst the panels would be visible, they would be grey on a grey roof, and inches from the roof itself. The visual of solar panels have come a long way from the blue , raised high from the roof things that used to be an eyesore, to something that can compliment the building.
2. Re thermal efficiency - to be clear, heating is by gas central heating, as opposed to by electricity. The household has two EVs - as such consumption of electricity is ordinarily over 50kWh per day,
3. Re the energy savings trust statement, prior to gaining approval for an energy savings trust loan for the purposes of improvements (which has been achieved in this case) - the energy savings trust perform an assessment of the insulation and existing energy saving measures in the property.
  - a. In this case, as electricity is not providing heating to the house, any insulation will not reduce the electricity use, it would only effect gas use.
4. It is correct that the introduction of solar panels will reduce the CO2 generated - through the fact that the use of grid electricity will be reduced (and that the gas which would be used to heat water will also be turned to zero).. - Currently Gas is the main power source for grid electricity as is evident in the news. <https://grid.iamkate.com/> reducing the use of grid electricity by using renewables (solar with storage) - is what will reduce the CO2 footprint of our home by 720kg by reducing the use of Grid electricity (the home is currently off grid..) see below, 57kWh used of electricity and only 2.64kWh of gas.



 **57.72kWh**  
USED



m<sup>3</sup>  Sarah's mode 

 **2.64kWh**  
USED

8923647702



Home



Usage



Bills