

# Home Heat Pump Installation



Does it work?  
Is it saving?  
Was it quick?



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[www.earth.org.uk](http://www.earth.org.uk)

# TL;DR



Does it work?

**YES**

Is it saving?

**YES**

Was it quick?

**NO**



# *Questions and comments*

# Does it Work?

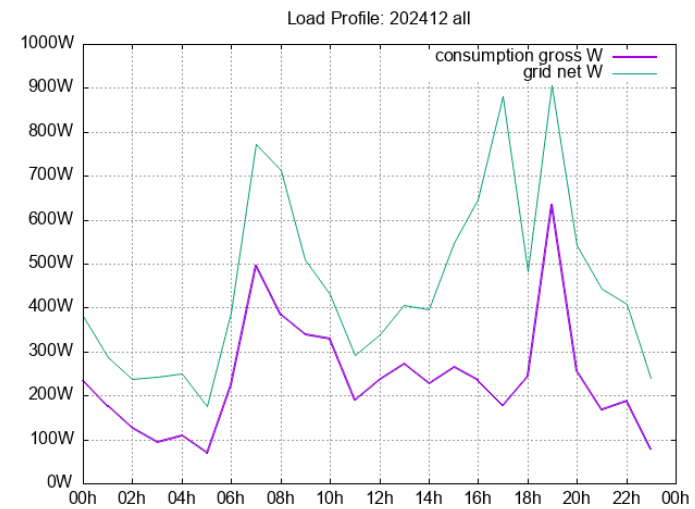
Yes, we are warm in winter and have lots of hot water, like before!

It took 2 months to diagnose and fix an installation fault

It took some messing to reduce noise in the living room radiator, and to be grid-kind

We also have TRVs and a heat battery playing nicely with the heat pump

(<https://doi.org/10.3390/su16114710>)



# Is It Saving?

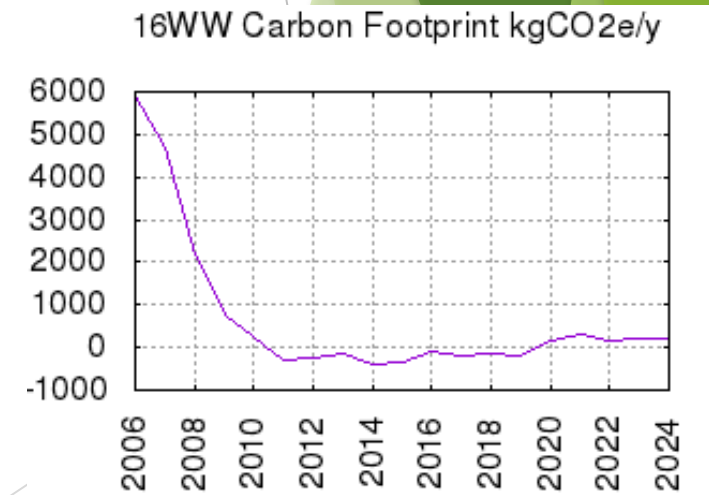


Total energy bills (electricity) lower than same month last year (electricity+gas)

Heat pump bill should be near zero for April to September

Our carbon footprint for energy should go negative

Cost of heat pump £2500



# Was It Quick?



12 years, 2 months or 1 week, depending on how you measure it!

It should take 2 days for simple cases, especially for distress replacements in winter!





# Space Taken



→ To →  
including  
new tank



# The Whole Saga



Planning and installation:

<https://www.earth.org.uk/Octopus-heat-pump-journey.html>

My tweaks:

<https://www.earth.org.uk/heat-pump-16WW-control.html>

My research:

<https://www.earth.org.uk/PhD-research.html>





# *Questions and comments*