Living with low and zero carbon technology

Solar panels, Heat pumps, MVHR

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What you need to know

• What does it do?
• How do I know it is working
• Is there anything I should be doing/not doing?
• Should it really be making that noise?
• What maintenance does it need?
Solar PV panels

- How do I know it is working?
  - Check the generation meter

- What should I do?
  - Use the power when you have it
  - Possibly heat your hot water tank
Hot water panels

Set the backup heating timer for early evening

- Check the hot water tank is heating up
- Service every 5 years (?)
Heat pumps

• Feel the radiators/floor
  • Warm but not hot
  • Keep them clear

• Efficiency depends on the circulation temperature, not the thermostat (except for high temperature heat pumps).

• Auxiliary heaters should only come on rarely

• Keep the fans clear and the de-icer drain

• Regular service
MVHR

- Can you hear it working?
- Do the rooms feel stuffy?
- Keep windows closed
- Use boost setting for extra throughput e.g. wet paint or new furniture
- Summer time: turn off /use for cooling
- *** Clean/replace the filters ****
The End

For more information:

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Your feedback and suggestions will be appreciated.