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

Use a book to test underfloor heating
• 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.