**Whole of Home Appliance Templates for Designers & Architects** (version 2.0)

These templates are prepared and given free of charge in good faith to the industry. The idea behind the templates is to make it easy for Designers and Architects to know what information the Energy Assessors need to conduct their assessment, and to facilitate and quicken the communication. The idea is that relevant templates can be filled out and placed on plans for assessment. Feel free to use and adapt to your workflow.   
It must be noted that this information is given before NatHERS Whole of Home tools are in widespread use, so there may be some changes over time, which your assessor should be able to inform you. If you haven’t already, I suggest you also watch the Design Matters National webinar, "[Specifying for Whole of Home](https://www.designmatters.org.au/ItemDetail?iProductCode=828868175&Category=WEBINARS&WebsiteKey=57d2f0d3-9bc3-4f0f-9323-4f51d3bf6e72)", that goes with these templates. (Contact Design Matters National.) The webinar covers where relevant information for the tables can be found, and how the Whole of Home software can be used to create Net Zero outcomes.   
Lastly, and in light of the above, the normal disclaimer, that though we believe all the information correct at time of publishing, no liability will be accepted by the author or the SBA, from any adverse impacts from the use of the template. Ie. The rest is up to you. Good luck. And may your footprints be positive.

* Jeremy Spencer **Positive Footprints**

HOT WATER TEMPLATE:

Choose 1 and delete the rest

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **https://uploads-ssl.webflow.com/611b0c73d47809c78962c75d/615cd0df8a357d1fc7d23039_BUD0001%20Logo_Colour%20Tagline_FA.pngHOT WATER** | | | | | |
| **Type of Hot Water** | **Make & Model** | **STCs** | **Gas**  **Stars** | **Tank Size** | **Peak /**  **Off peak** |
| heat pump |  |  |  |  |  |
| electric boosted solar thermal |  |  |  |  |  |
| gas boosted solar thermal |  |  |  |  |  |
| gas storage |  |  |  |  |  |
| gas instantaneous |  |  |  |  |  |
| resistance electric |  |  |  |  |  |
| instantaneous electric |  |  |  |  |  |
| solid-fuel heater |  |  |  |  |  |
| solar PV diverter water heaters. | Functionality: | | | | |
| \*\* Also see floorplans for nominal hot water locations  Evidence:  For Solar PV diverter, copy of brochure/specification must be provided to assessor | | | | | |

Instructions for the above Hot Water System Table:

**\*\* Only the details in the non-greyed out cells are required by the NatHERS software.**

**Make & Model:**

Write in the Make & Model No (& name).

**STCs:**

For Heat Pump & Solar Hot Water, write in the number of STCs (Small-scale Technology Certificates) that the system attracts under the government Clean Energy Regulator

☞ To choose an efficient Heat Pump Hot Water or Solar Hot Water, and determine their STCs, go to <https://www.thesba.com.au/roadmap/efficient-appliance-selection#specify-efficient> and follow the easy steps. 😊

**Tank Size:**

Write in the Hot Water System tank size.  
This will be found in the specifications of the system selected.

**Gas Stars:**

Write in the Gas Stars.  
This will be found in the specifications of the system selected, or on the sticker on the side of the hot water unit.

**Peak/Off Peak:**

For electric storage hot water confirm if it is to be wired to the peak or offpeak circuit in the house. (If in doubt choose “peak”.)

**Solar PV Diverter water heaters:**

Where there is a specialised diverter to heat the hot water with power from the solar photovoltaic panels (PV), all details of the system must be provided to the assessor.

**\*\*** Also make sure electrical plans also show nominal location of the hot water unit.

Useful Links:

**SBA Roadmap STEP 4: Energy Efficient Hot Water:** <https://www.thesba.com.au/roadmap/efficient-appliance-selection#efficient-hot-water>

**Clean Energy Regulator, Register of Solar Hot Water:** <https://cer.gov.au/schemes/renewable-energy-target/small-scale-renewable-energy-scheme/small-scale-renewable-energy-0>