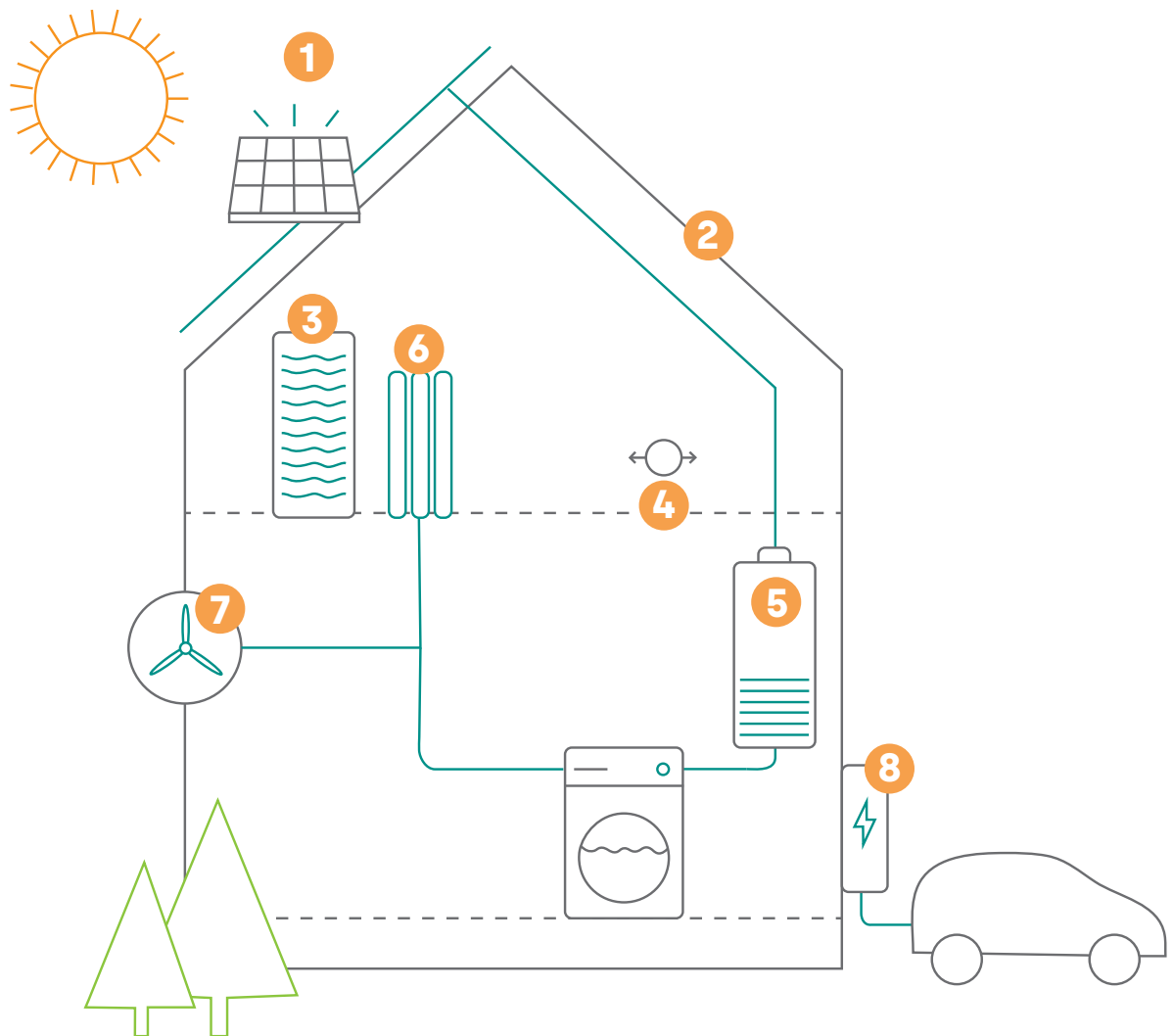


GWYNFAEN HOME TECH



- 1 Solar**
All roofs have solar panels (photovoltaics) visually integrated into the roof slates to convert sunlight into electricity for the residents, or to export.
- 2 Fabric**
The fabric of the homes has been built to a higher standard than Building Regulations to help keep the heat inside the home.
- 3 Hot Water Tanks**
The homes all have super efficient hot water tanks.
- 4 Mechanical Ventilation with Heat Recovery (MVHR)**
All homes have a whole house ventilation system providing a continuous source of ventilation that extracts stale, moisture-laden air from the building and resupplies fresh, filtered air back in, providing a comfortable and condensation free environment all year round.
- 5 Energy Storage**
The homes all have batteries that can store energy from the photovoltaics, or draw power from the Grid for use by the occupants later on.
- 6 Heat Delivery**
It's a single heating zone for each house with radiators throughout.
- 7 Heating System**
All the heating is provided by an Air Source Heat Pump – it's the same technology as a fridge, but working backwards.
- 8 Vehicle Charging**
All the homes have access to the latest home electrical vehicle chargers. Allowing the resident to charge an electric vehicle at home using excess power from their solar panels (when available).