

Naked Energy.

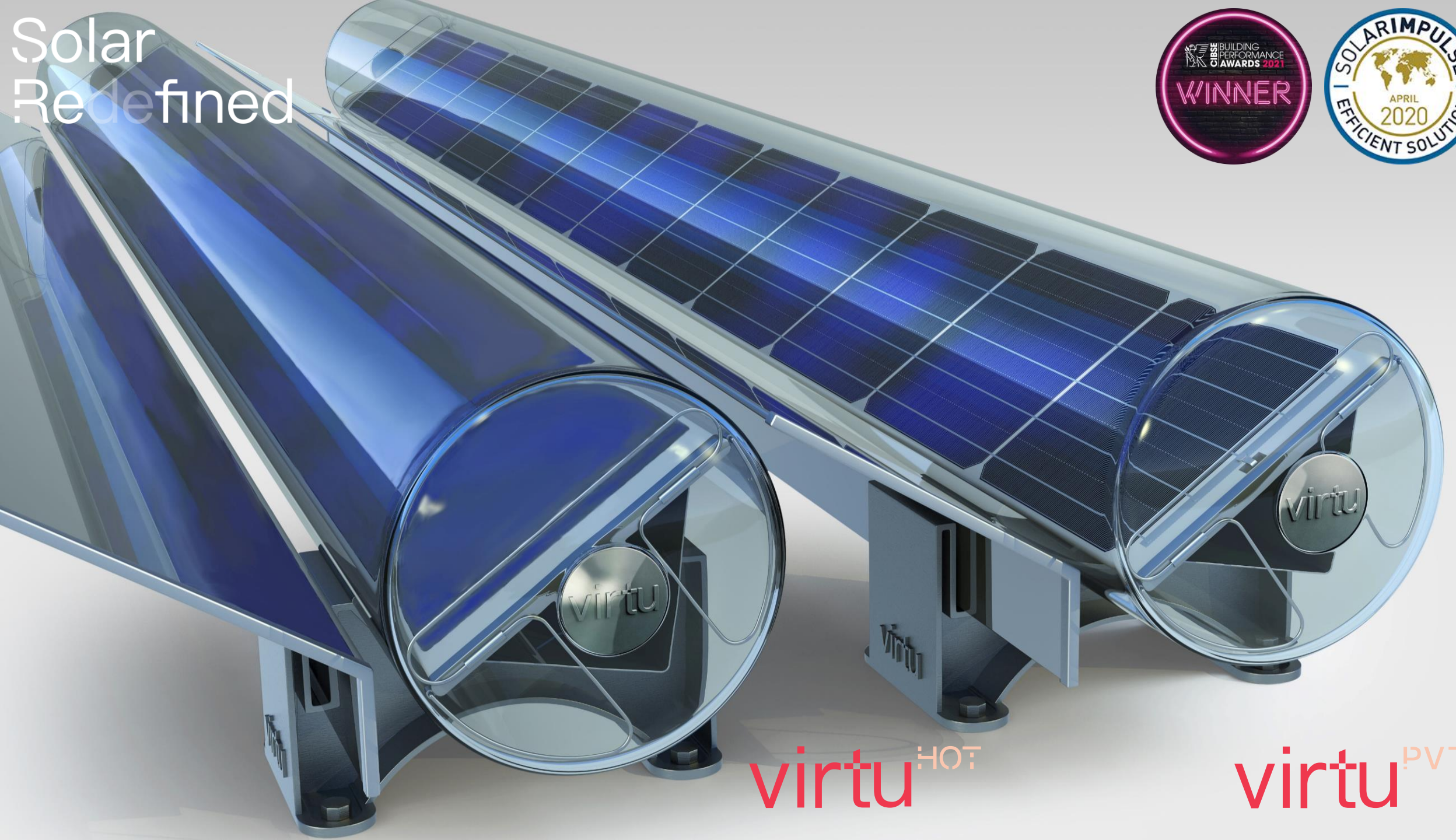
Changing Energy for Good



Heat is the largest energy end-use, accounting for over 50% of global energy demand.

We are
revolutionising
solar with the
world's highest
energy density
solar technology.

Solar Redefined



virtu^{HOT}

virtu^{PVT}

More impact

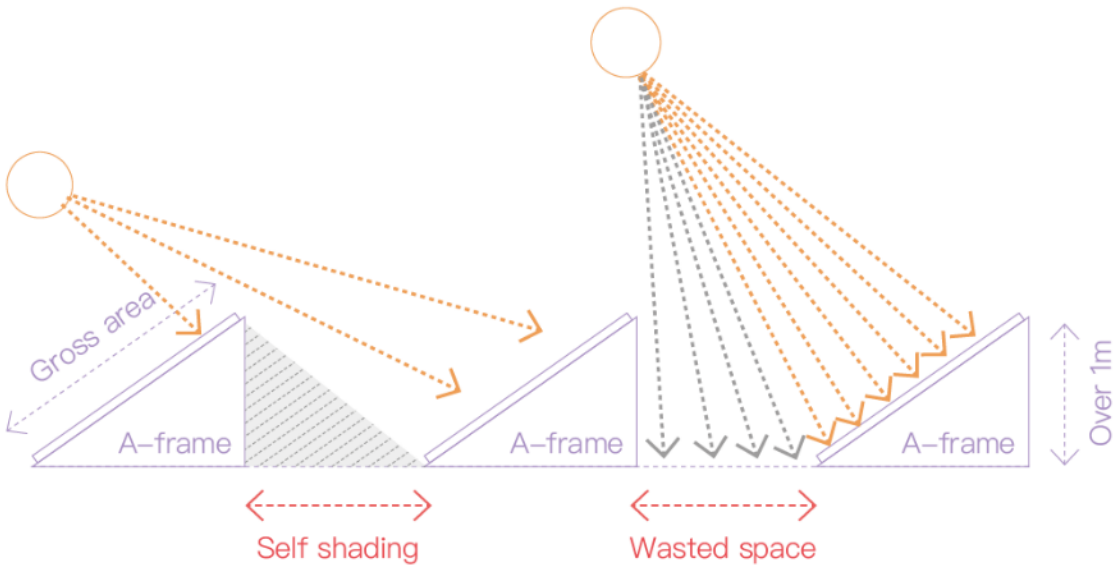
-Low Profile: 0.265 m

-Zero Shading

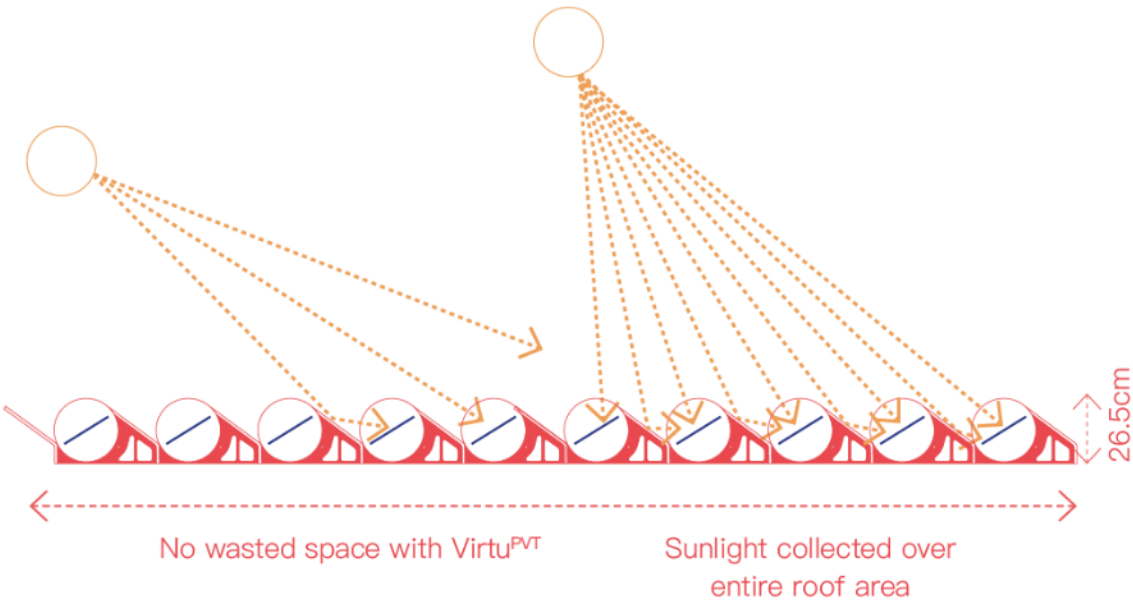
-Low wind load

-Greater output

Standard flat panels waste space



No wasted space with Virtu



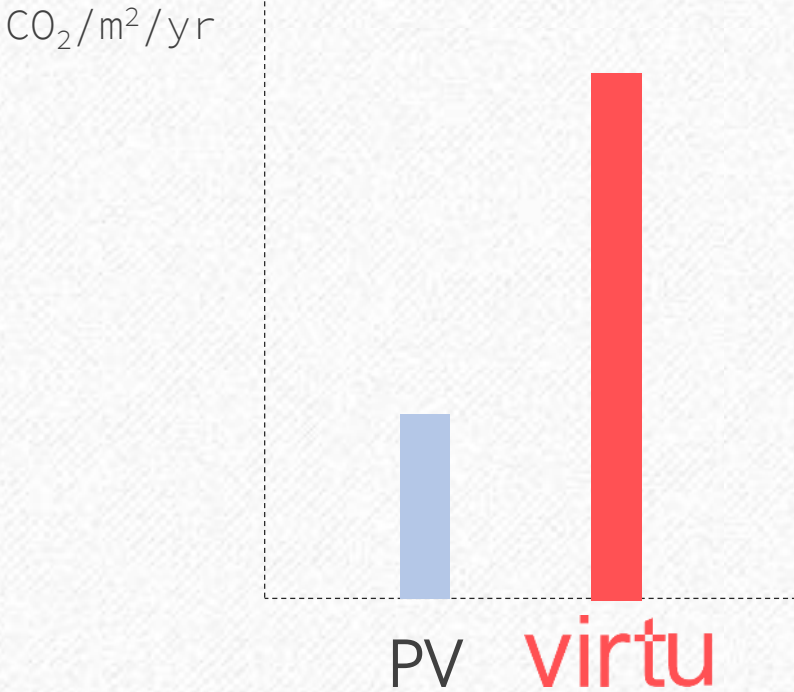
More impact



Between 50%-100% more financial savings* for the same area.

[Virtu generation data](#), [PV generation data](#), [Cost of PV](#) Financial savings achieved may vary.

More impact

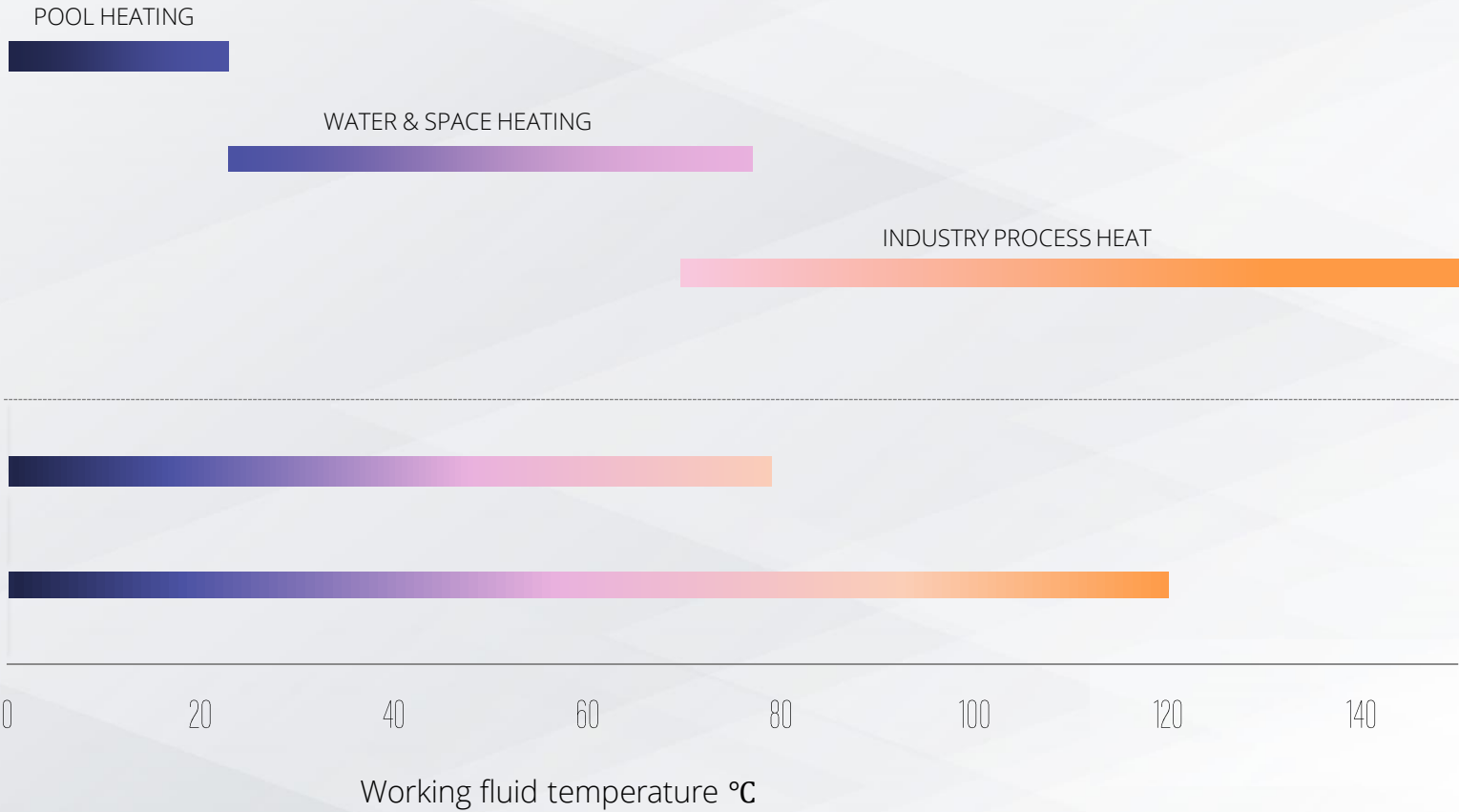


Between 100-400% more carbon savings*
for the same area.

[Virtu generation data](#), [PV generation data](#), [Cost of PV](#) Financial savings achieved may vary.

Perfectly matched

The ideal temperature for many processes.



virtu^{PVT}
virtu^{HOT}



Communities and housing



Naked Energy.

Agriculture and dairy



Industrial and F&B



Hotels and Leisure

Versatile & Beautiful

A beautiful demonstration of your commitment to sustainability.



High Scoring

Virtu improves your building ratings



BREEAM®



HQE®
THE WAY TO PROGRESS



Contributes

Up to 11 credits for BREEAM Communities

Reducing emissions relative to the baseline (RE01)

Up to 9 credits for BREEAM

Reducing the Energy performance ratio for new construction (Ene 01)

Up to 3 Credits for Exemplary Level Criteria

2 credits for "Beyond zero net regulated emissions" or 3 credits for "carbon negative"

Up to 5 LEED points

Under Energy & Atmosphere - Renewable energy

Up to 18 LEED points

Under the Energy & Atmosphere - Optimize Energy Performance criteria

Independently tested

As with any new technology, case studies detailing a history of performance are hard to provide. To give customers confidence in Virtu, Naked Energy have undergone 3rd party testing and certification with various international certification bodies, including TÜV Rheinland.

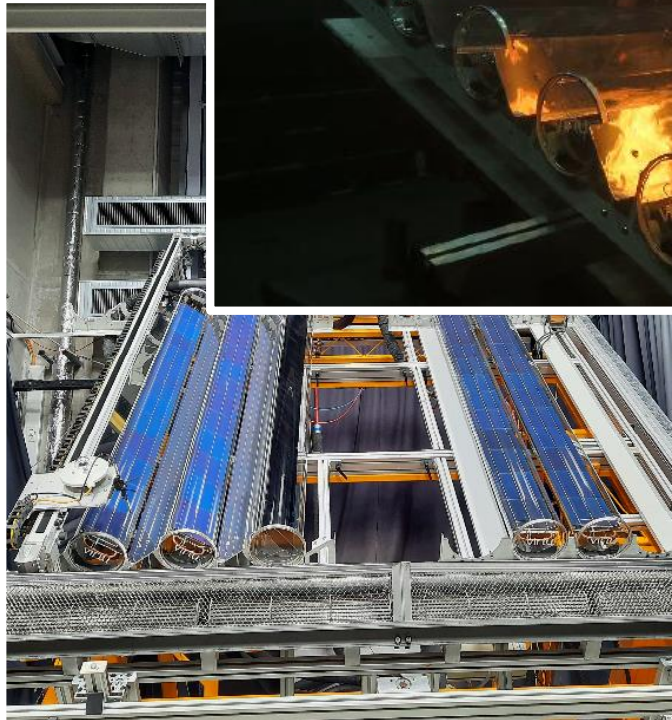
TÜV Rheinland is an independent inspection service that has been a global leader since its foundation 145 years ago. A TÜV Rheinland certification is globally recognized and ensures the authenticity of a company's safety and performance claims in compliance to international standards.

Testing includes but is not limited to:

- Determination of performance data by means of a unique indoor solar simulator
- Sample picking and production site inspections
- Testing of cyclical mechanical stress
- Hail testing with ice balls of different hail classes
- Testing of ageing processes by means of climate chambers (humidity/frost, damp/heat, temperature cycles)
- Cyclical outdoor and indoor shock tests on collectors and absorbers
- Rain penetration tests
- Testing of frost resistance
- Fire tests on collectors

Virtu certification document: http://www.solarkeymark.nl/DBF/PDF_Downloads/DS_3125.pdf





60 systems in 13 countries

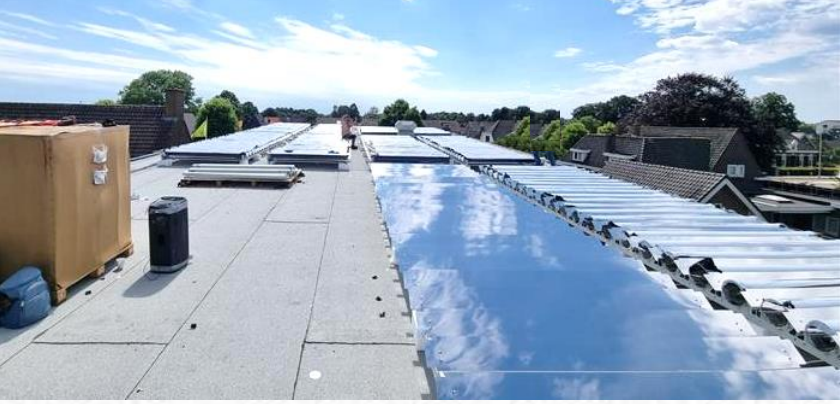
virtu^{HOT} Woodgreen Leisure Centre, Oxfordshire, UK



virtu^{HOT} Delémont apartments, Switzerland



virtu^{PVT} Ministry of Defence, Netherlands



virtu^{PVT} University of Westminster, London, UK



virtu^{PVT} SPECIFIC Active Office, Swansea, UK



virtu^{HOT} Vierhouterbos Hotel, Netherlands



clarity²⁴⁻⁷ Assured performance

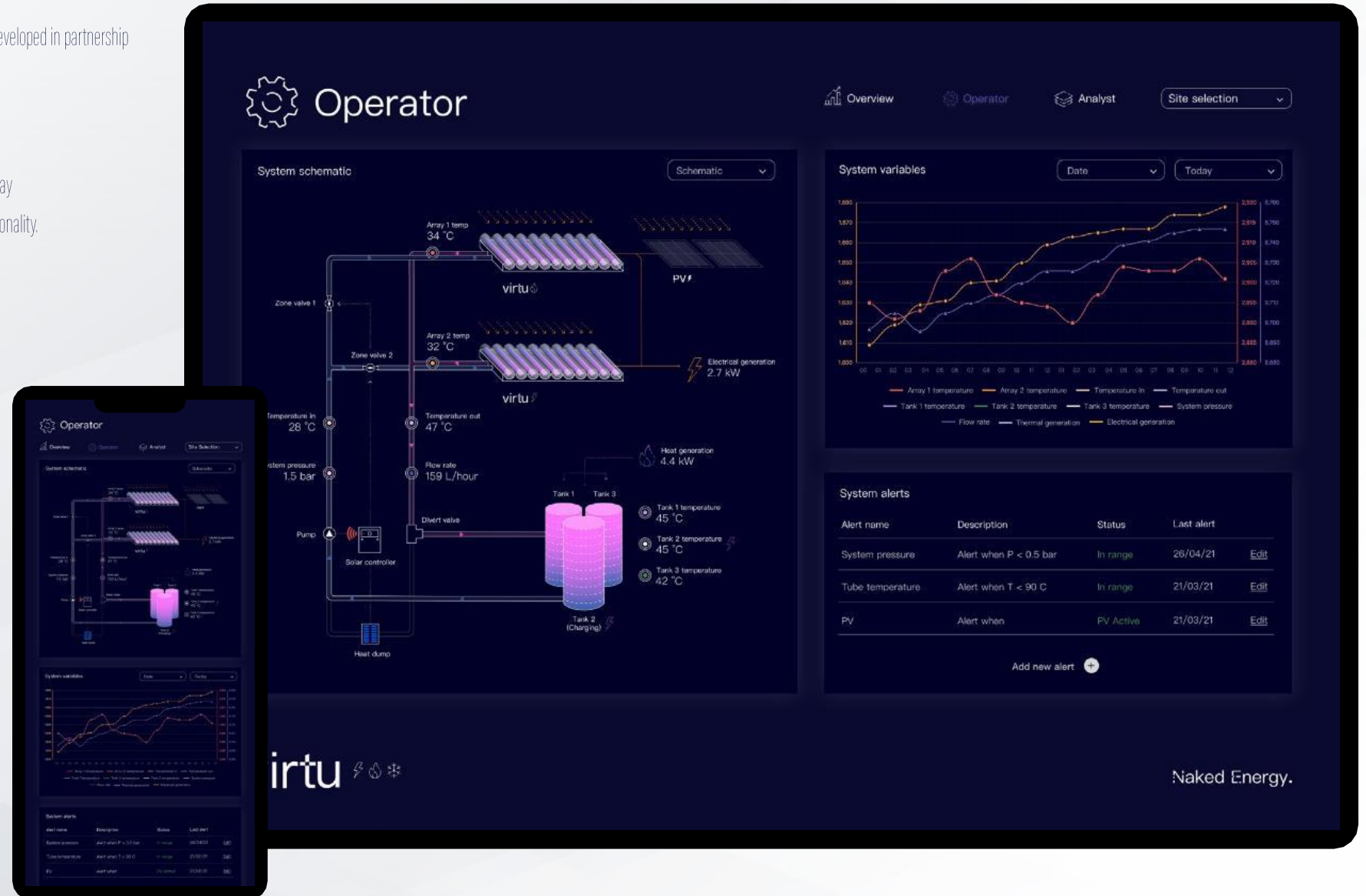
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Naked Energy's data acquisition capability and remote monitoring platform, developed in partnership with PAD Technology.

The remote monitoring platform enables accurate, ongoing measurement of array performance, providing customers with confidence in continued system functionality.

Features include:

- Thermal Output monitoring
- Electrical Output monitoring
- Financial reporting
- Carbon reporting
- Automated fault detection
- Performance optimisation
- PV/renewables integration



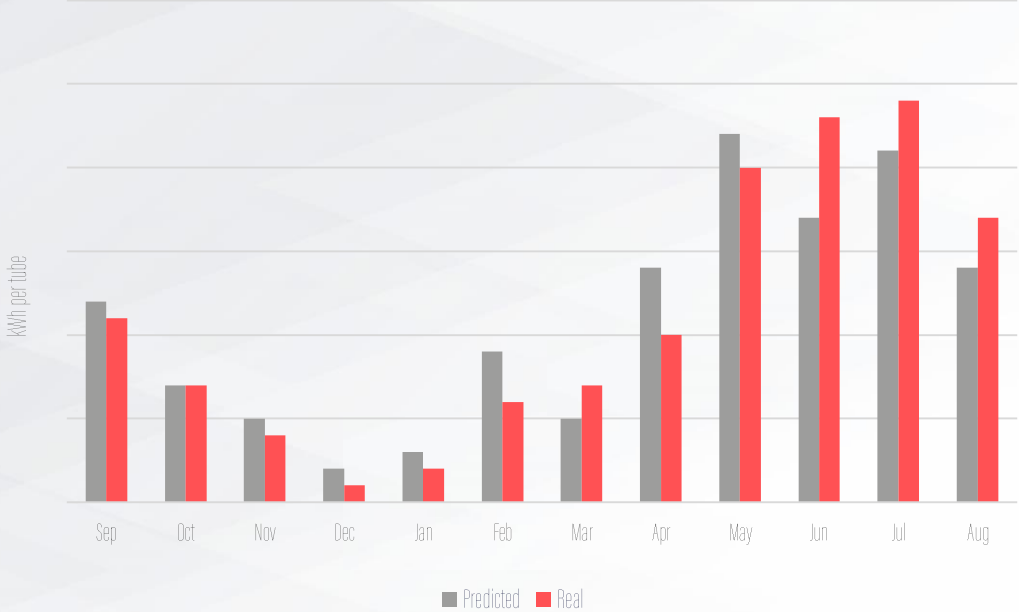
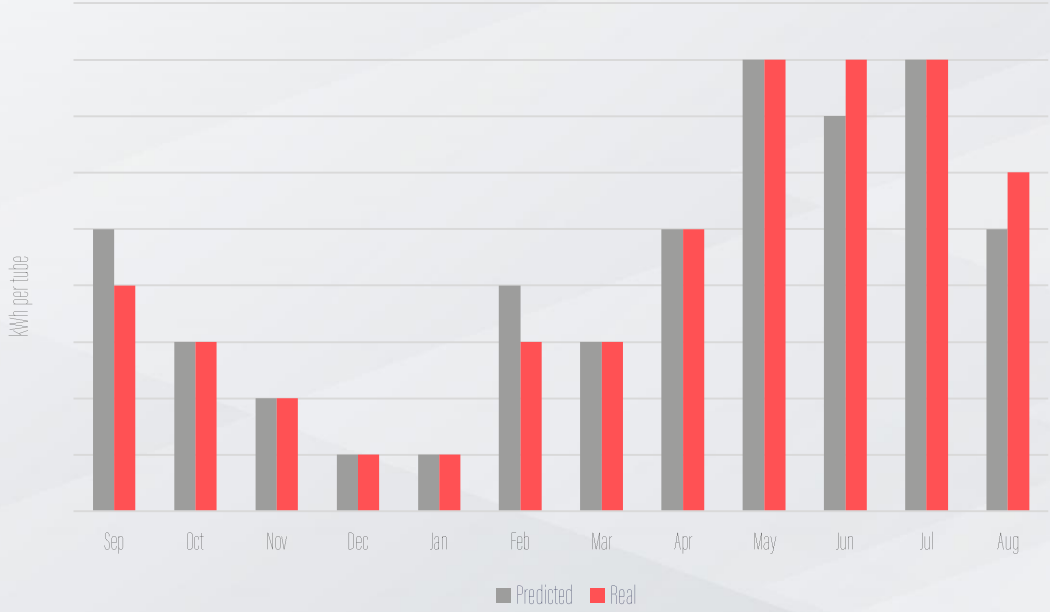
Performing as predicted

Comparison of measured kWh system generation against model predicted system generation at a Sainsbury's supermarket in the UK. Measured data is provided by Clarity^{24/7} remote monitoring platform, predicted generation is provided by Naked Energy modelling calculators.

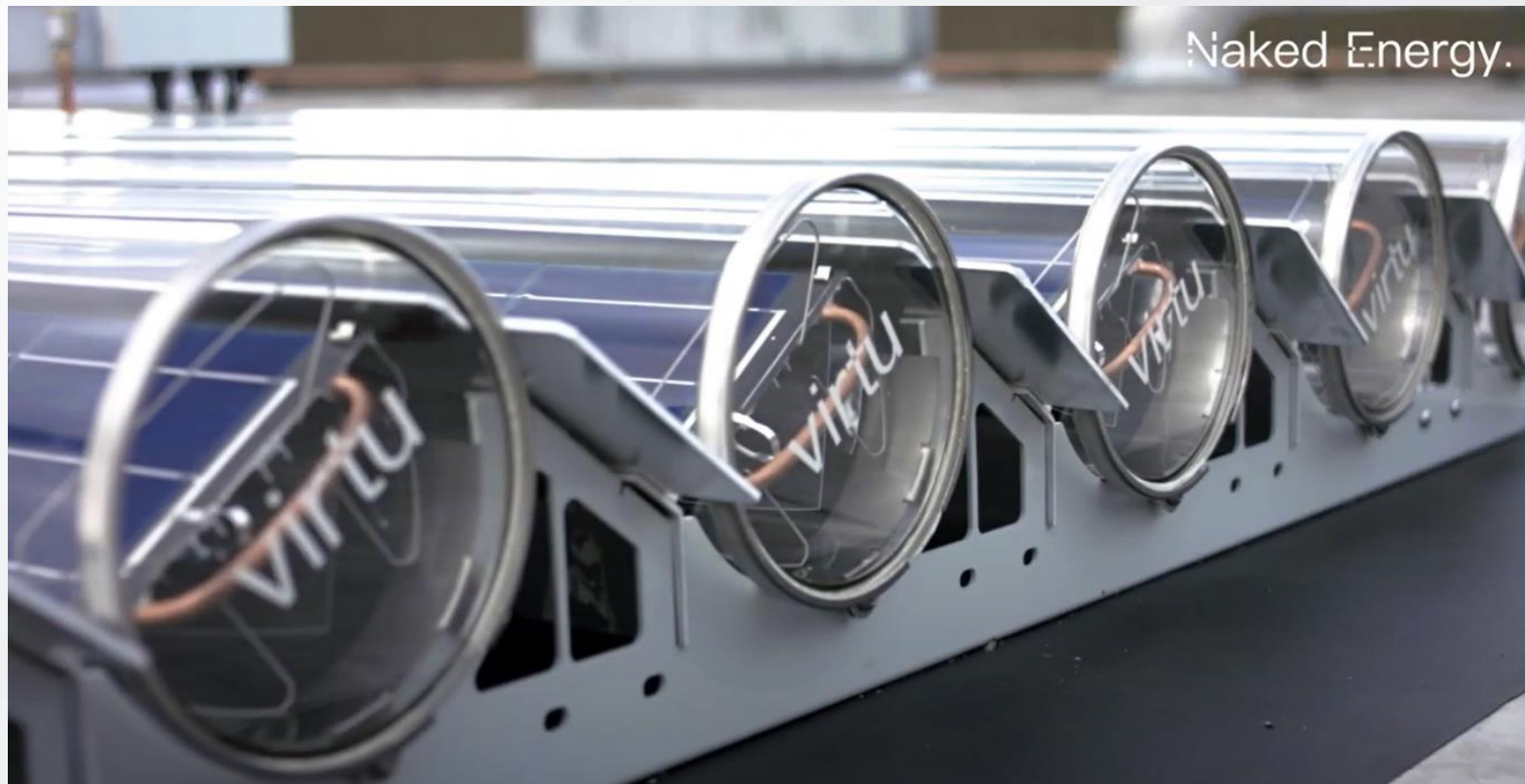
Sainsbury's virtu^{PVT}

Predicted vs actual energy generation - **Electrical**

Predicted vs actual energy generation - **Thermal**



Naked Energy.



[Click here to play an introduction to Virtu in your browser](#)

[Click here to play a short video showing how to install Virtu](#)

virtu ⚡ 🔥 ❄️

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Solar
Redefined