

Changes to Small-Scale Technology Certificate (STC) Ratings – from January 2022 –

Deeming Period Changes to Solar and Heat Pump Water Heater Installations from 1st January 2022

The deeming period for the installation of Solar Water Heaters and Air Source Heat Pump Water Heaters is changing. As with solar PV systems, for Solar and Heat Pump Water Heater systems installed in 2022 the deeming period is a maximum of 9-years, one year less than the 10 years for systems installed in 2021.

Essentially STCs which can be created for the eligible Installation of a Solar or Heat Pump Water Heater in 2022 will reduce by 10% compared to an equivalent installation in 2021. The STCs are rounded down to a whole number.

The Deeming Period will reduce by one year, each year until the end of the scheme ends in December 2030.

Example

TRNSYS simulation modelling shows that Model X solar water heater displaces 2.8 MWh of electricity per annum.

In 2021, with a deeming period of 10 years, Model X displaces 2.8 MWh x 10 years = 28 MWh =	28 STCs
In 2022, with a deeming period of 9 years, Model X displaces 2.8 MWh x 9 years = 25.2 MWh =	25 STCs
In 2023, with a deeming period of 8 years, Model X displaces 2.8 MWh x 8 years = 22.4 MWh =	22 STCs
In 2024, with a deeming period of 7 years, Model X displaces 2.8 MWh x 7 years = 19.6 MWh =	19 STCs
In 2025, with a deeming period of 6 years, Model X displaces 2.8 MWh x 6 years = 16.8 MWh =	16 STCs
In 2026, with a deeming period of 5 years, Model X displaces 2.8 MWh x 5 years = 14.0 MWh =	14 STCs
In 2027, with a deeming period of 4 years, Model X displaces 2.8 MWh x 4 years = 11.2 MWh =	11 STCs
In 2028, with a deeming period of 3 years, Model X displaces 2.8 MWh x 3 years = 8.4 MWh =	8 STCs
In 2029, with a deeming period of 2 years, Model X displaces 2.8 MWh x 2 years = 5.6 MWh =	5 STCs
In 2030, with a deeming period of 1 years, Model X displaces 2.8 MWh x 1 years = 2.8 MWh =	2 STCs

CER Registers of Solar and Heat Pump Water Heaters V43 – STC Ratings

The Clean Energy Regulator published Version 43 of the Register of Solar Water Heaters and Register of Heat Pump Water Heaters, dated 23rd August 2021. The Registers list the number of Small-scale Technology Certificates (STCs) which may be created for the installation of an eligible solar or heat pump water heater.

The tables contained in Information Bulletin 044 Rev AQ have been revised and take into account a deeming period of 9-years, and list the current Rheem solar or heat pump water heater systems and the STCs which may be created for an eligible installation that takes place **from the 1st January 2022 to 31st December 2022.**

Note: An 'installed' system must be fully installed and capable of producing and delivering hot water heated by both solar energy and the booster.

Note: Information Bulletin 044 is updated and the new revision released whenever the Clean Energy Regulator releases new versions of the Registers of Solar Water Heaters and Heat Pump Water Heaters. This happens approximately three times per year.

Gas Boosted '-G' Systems

Rheem thermosiphon systems and split open circuit systems with an inline gas booster have the suffix '-G' at the end of the system number. To be eligible for STCs, the inline gas booster can be either a Rheem 26 litre or 20 litre 6 star model. Systems with a suffix '-26G' must be installed with a Rheem 6 star 26 litre gas booster model.

Post Codes

The post codes within each Zone for solar and heat pump water heaters installations are also listed in Information Bulletin 044 for general information.

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