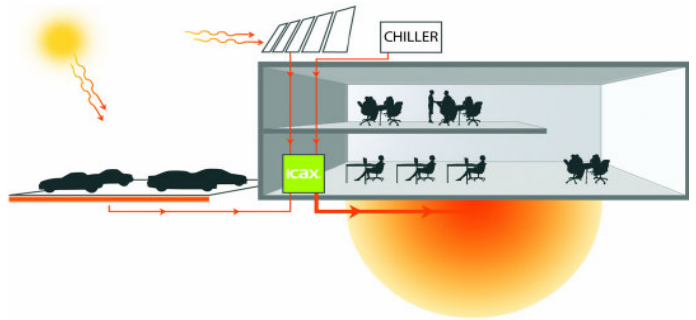


IHT FOR OFFICES

What is IHT?

Interseasonal Heat Transfer is a patented technology that is a complementary fusion of Ground Source Heat Pumps and solar thermal collectors. IHT provides a method of storing heat for long periods — between seasons.

For commercial buildings we can collect heat from solar panels, asphalt collectors or waste heat (e.g. from chiller packs), store it in a ThermalBank and use it to provide heating in winter.

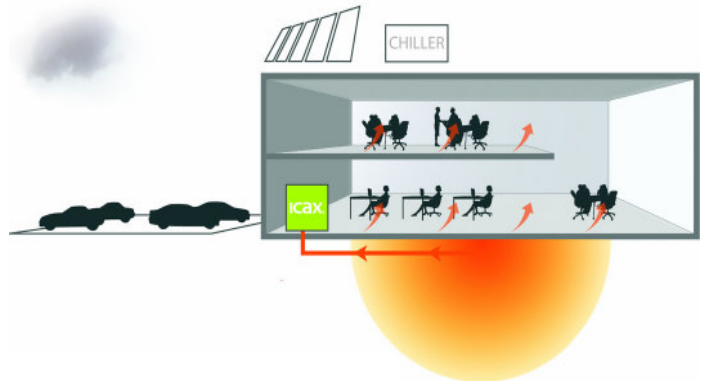


How does IHT work?

In summer heat is collected from chiller pack condensers, solar panels or asphalt solar collectors and is deposited in ThermalBanks under or near to the building.

In winter the stored heat is withdrawn from the ThermalBank and transferred into the building using a GSHP.

TermoDeck, Passive Beams or underfloor heating are the most efficient ways of supplying heat to the building.



- * REDUCE HEATING AND COOLING BILLS
- * GENERATE ON SITE RENEWABLE ENERGY
- * STORE SUMMER SOLAR AND WASTE HEAT
- * GENERATE CLEAN ENERGY CASHBACK

Why use IHT?

Green design practice is fast becoming mainstream and the requirement is often client-driven, with many commercial office organisations requiring on site renewable energy. This is also becoming a requirement of the local planning authorities under the Merton Rule. ICAX provides a solution that has minimal visual impact and can be applied widely across the UK, dependent on local geology.

Interseasonal Heat Transfer also fulfils a number of BREEAM criteria on the use of renewable energy and cutting carbon emissions. Unlike most other renewables technologies IHT systems are invisible and do not require planning consent.

What does ICAX do?

ICAX Limited provides a turnkey package for meeting sustainable energy targets on construction projects. We undertake design and installation to ensure that heating and cooling needs are met in a sustainable way.

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