



Client Future Transport Systems Ltd

Contractor: Warren Services

Nature of client business

Founded in 2009, Future Transport Systems was established to provide strategic consultancy and research and development services to integrate electric vehicles, energy and mobility services for the energy, automotive, public and commercial sectors. It is their strong belief that electric vehicles and other forms of energy storage will be key components in smarter grid operation.

Project Location: Thetford, Norfolk

Scope of job

This is the second bespoke project that we have undertaken for FTS, the first being similar to this one. Being aware of their business purpose enabled us to tailor a new air conditioning design and installation to their specific requirements. This particular brief called for a unique low temperature, high sensible, high static battery cooling system capable of integration into their controls network.

Timing: November 2015

What the project entailed

We installed a split system air conditioner, ductwork and dampers, as well as BMS interfacing to provide cooling to the E-STOR energy storage system, to maintain their operational efficiency and endurance.

The whole E-STOR system is built on a sub-frame and contained within a marine grade enclosure to allow mobility across the country and beyond, to use as portable energy storage from potential waste energy and renewable sources. The unit is designed to store client generated electricity and feed back into the grid or clients' network when demand outweighs supply.

What we brought to the job

Due to our many years of experience, we were able to source a reputable manufacturer of high sensible, low temperature equipment, complete with the ductwork installation and controls to allow automatic remote monitoring and control depending on read conditions and demand.

Equipment installed

Panasonic Ducted split AC system and interface. Ductwork and 3 No. Belimo actuators.

Testimonial

FTS would once again like to express how impressed they were with Adcock's skill and professionalism in helping to design and install our unique battery cooling system. We wouldn't hesitate in recommending Adcock to anyone with any type of air conditioning specification. We are looking forward to working together again in the future.

Jonny Cogman
Project & Supply Chain Manager

