



greenwatt  
way

## VPhase installed at SSE's Greenwatt Way Project

SSE (Scottish and Southern Energy) has developed 10 eco-homes in Chalvey, Slough in a unique project designed to understand the changing role of the energy supplier in a low carbon society.

The development, a mixture of two and three bedroom family homes and one bedroom flats, complies with 'Code 6' of the Code for Sustainable Homes - the highest possible standard.

VPhase has been a key contributor to the project, with its domestic voltage optimisation device being fitted alongside other green, energy efficient technology in each of the homes.

"Involvement with the Greenwatt Way project has proved to be an important platform for VPhase to demonstrate the versatility of our voltage optimisation device," says Matt Cody, Marketing Manager at VPhase. "Its suitability for being either retrofitted to existing properties or installed in new builds, all at a competitively low cost and requiring no ongoing maintenance are important factors."

The SSE project uses the latest construction methods and energy technologies to deliver zero carbon housing. But building zero carbon homes is only the first step. SSE wanted to understand what zero carbon living will really be like, so the project will continue as tenants move in. Importantly, VPhase is a fit and forget solution meaning that once fitted, the tenants don't have to do anything else to benefit from the voltage optimisation savings.

The VPhase units work by silently lowering and regulating the incoming household voltage, typically to 220V, and as a result the reduced energy consumption should result in savings of around 10% off electricity bills; all with no ongoing maintenance, behavioural or lifestyle change required.



**"The VPhase voltage optimisation device was easily installed, fitting neatly next to the fuse boards in the Greenwatt Way homes"**

**Paul Corbin  
M&E Project Manager**

Over £3.5 million has been invested in this groundbreaking research project.

The site, a former SSE office building, features rainwater harvesting, grey water recycling, triple glazed windows and enhanced insulation.

Installed are four different renewable heating sources including air and ground source heat pumps, a biomass boiler and solar thermal panels.

Renewable electricity is supplied by the integrated solar PV tiles which entirely cover the homes' roofs, and each house has its voltage optimised using VPhase's patented voltage optimisation technology.



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