

PROJECT DINO

(Domestic Infrastructure and Network Optimisation)

A partnership between Evergreen Smart Power, Energy Assets Networks and Myenergi.

The first project of its kind in the UK



THE CURRENT SITUATION

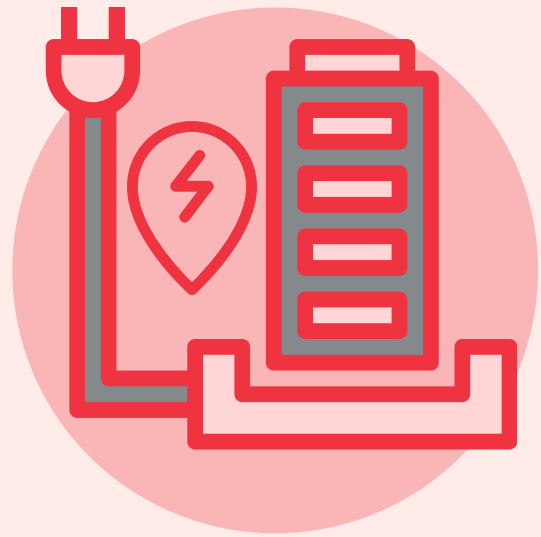
Currently, local energy networks for housing developments in the UK are designed to cope with an average peak load of 2kW per household.

However this may soon prove to not be sustainable.

THE IMPENDING PROBLEM

As EV charging and heat pumps become more common place. In line with the move towards greater electrification, the average household electricity use could routinely exceed 10kW.

Without intervention, or significant reinforcement, this could lead to regular network disruption, such as power outages.

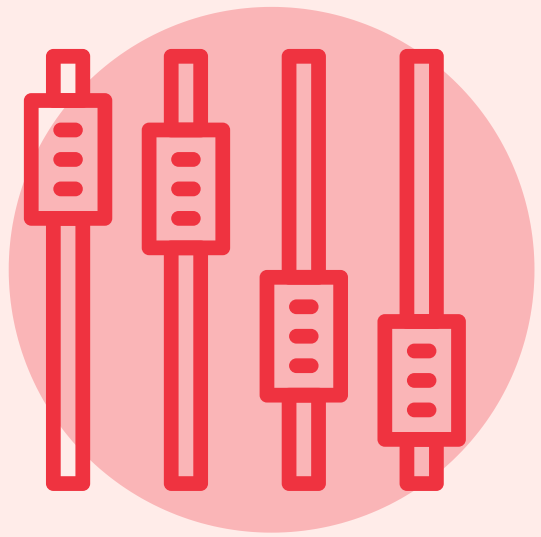


THE SOLUTION GOING FORWARDS

The DINO project aims to demonstrate how a network-to-device AI interface can manage loads dynamically by enabling smart appliances to automatically dial down consumption at peak times to relieve network stress and safeguard power to homes.

HOW IT WILL HELP

Project DINO offers a fully automated solution. AI enables two-way communication between networks and devices, such as EV chargers, so that when the local Low Voltage (LV) system is under stress, energy consumption will reduce automatically to allow households to share available bandwidth.



IMPACTING THE FUTURE FOR THE BETTER

Project DINO will not only help keep costs down for consumers but also enable more sustainable use of available renewable energy within our electrical networks. This will reduce the need to fall back on fossil fuels to keep the lights on during peak times.

Find out more:
energyassetsnetworks.co.uk

The First Name
For The Final Mile

ENERGY
assets



Networks
EVERYTHING CONNECTS

 myenergi

 evergreen
smart power