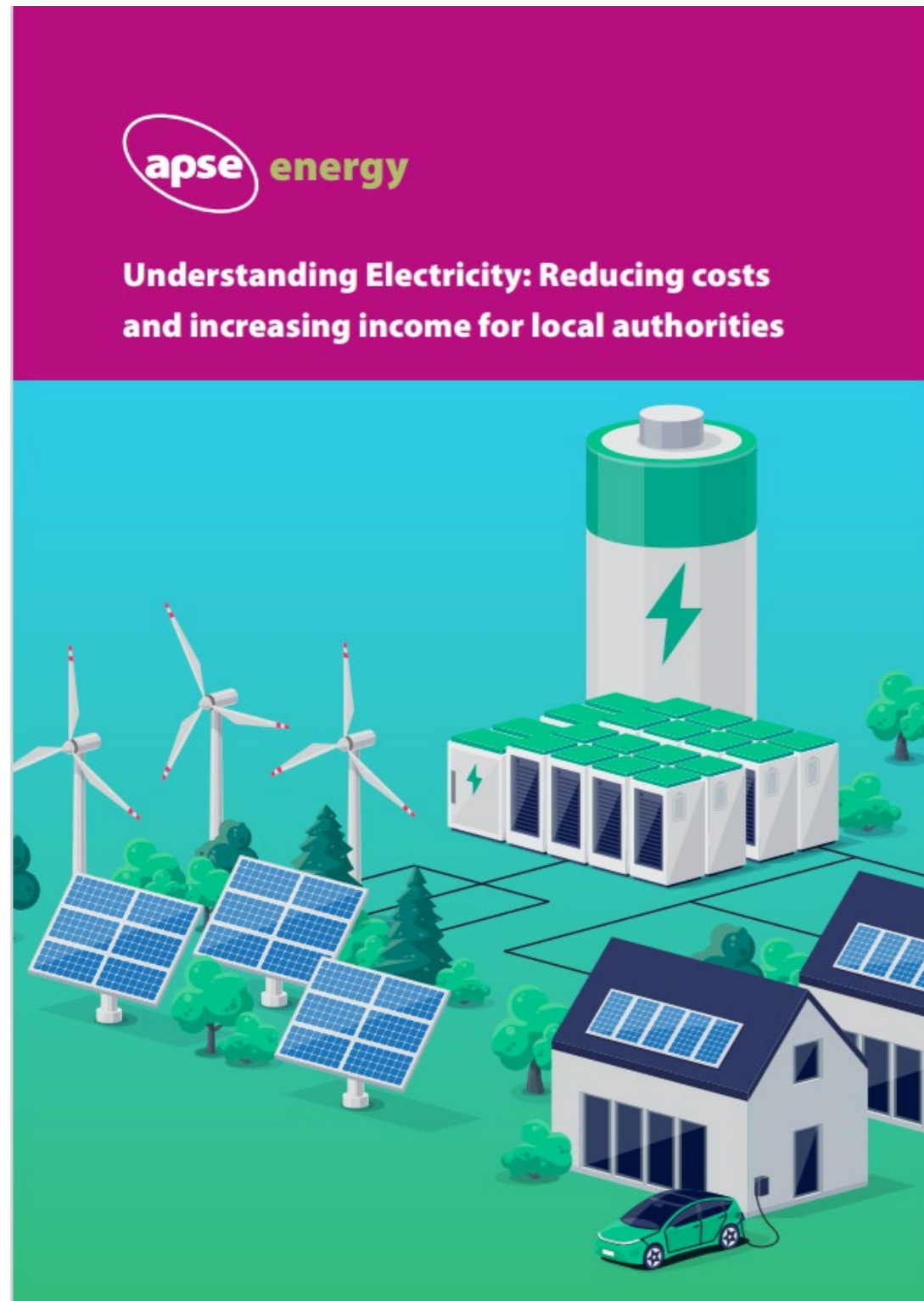


Understanding Electricity

APSE Energy Publication

Phil Brennan, Head of APS Energy



Understanding Electricity: Reducing costs and increasing income for local authorities.

APSE Energy publication

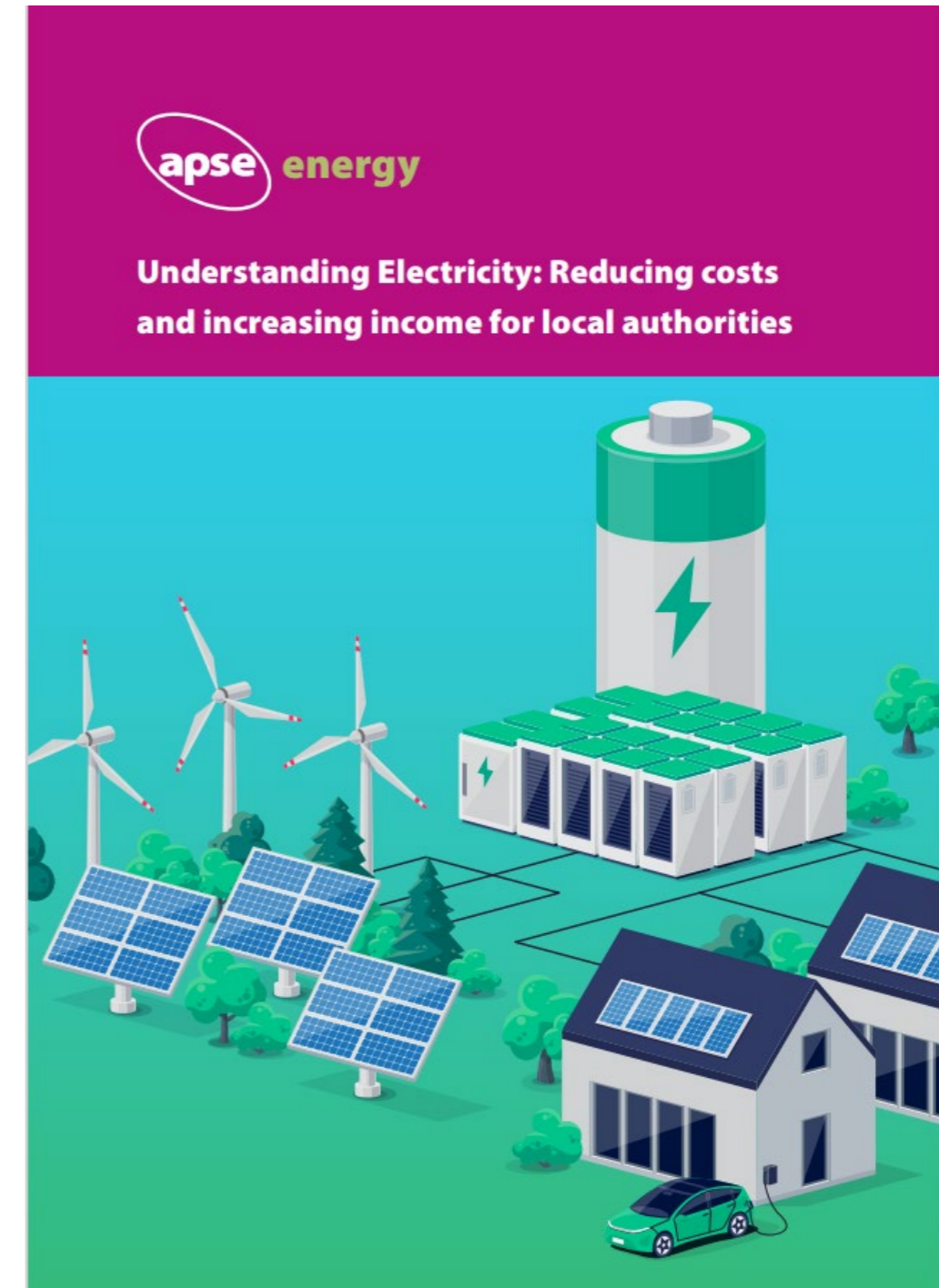
Originally published 2016 and refreshed 2022.

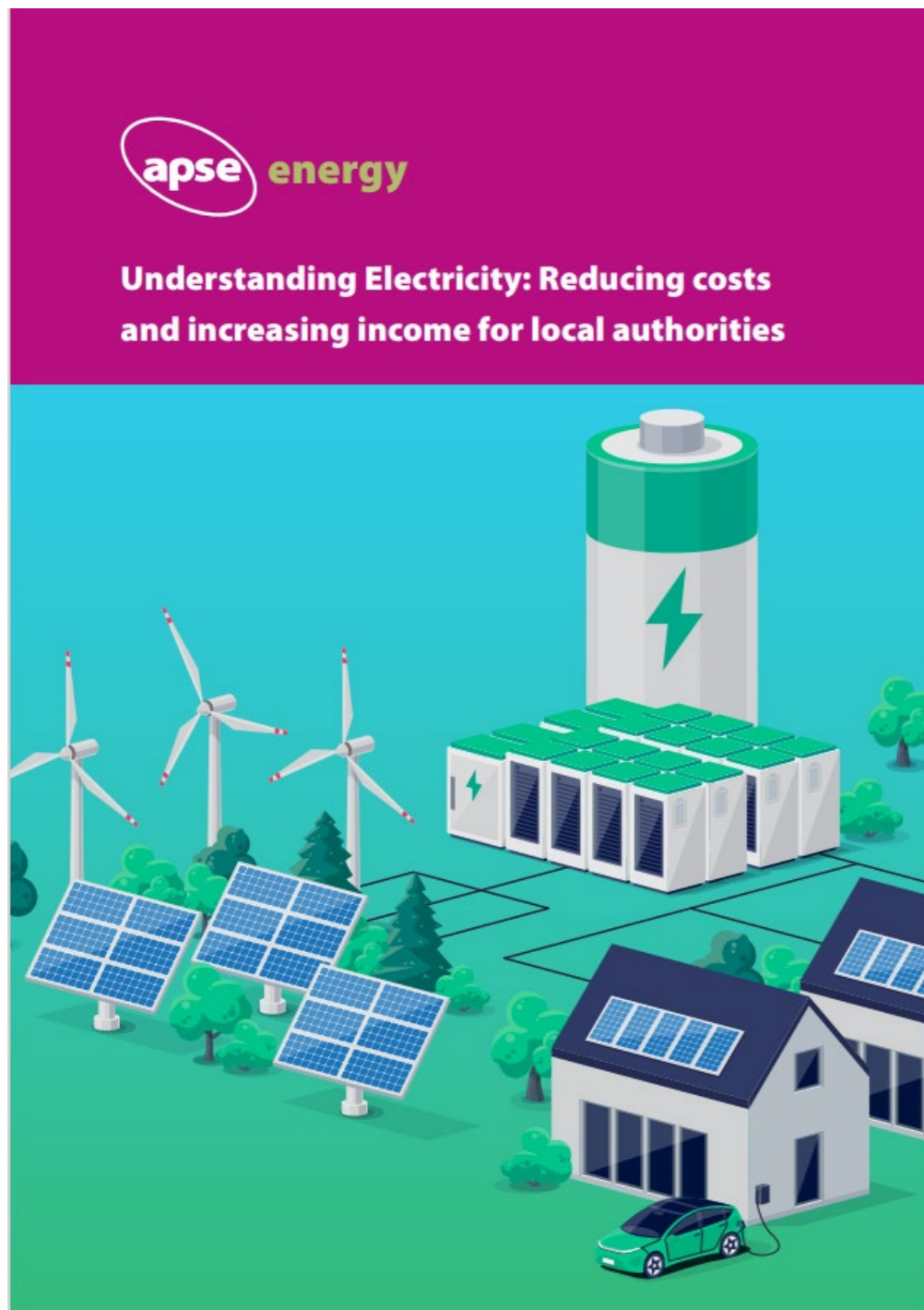
Climate Emergency Declarations

Assets and electricity

Electricity costs

PPAs





Generation

Building based

Car ports

Land based – green belt, temporary.

Storage

Aggregation

Sleeving

- What should you be doing now?

bill validation

cut usage/energy efficiency/generate

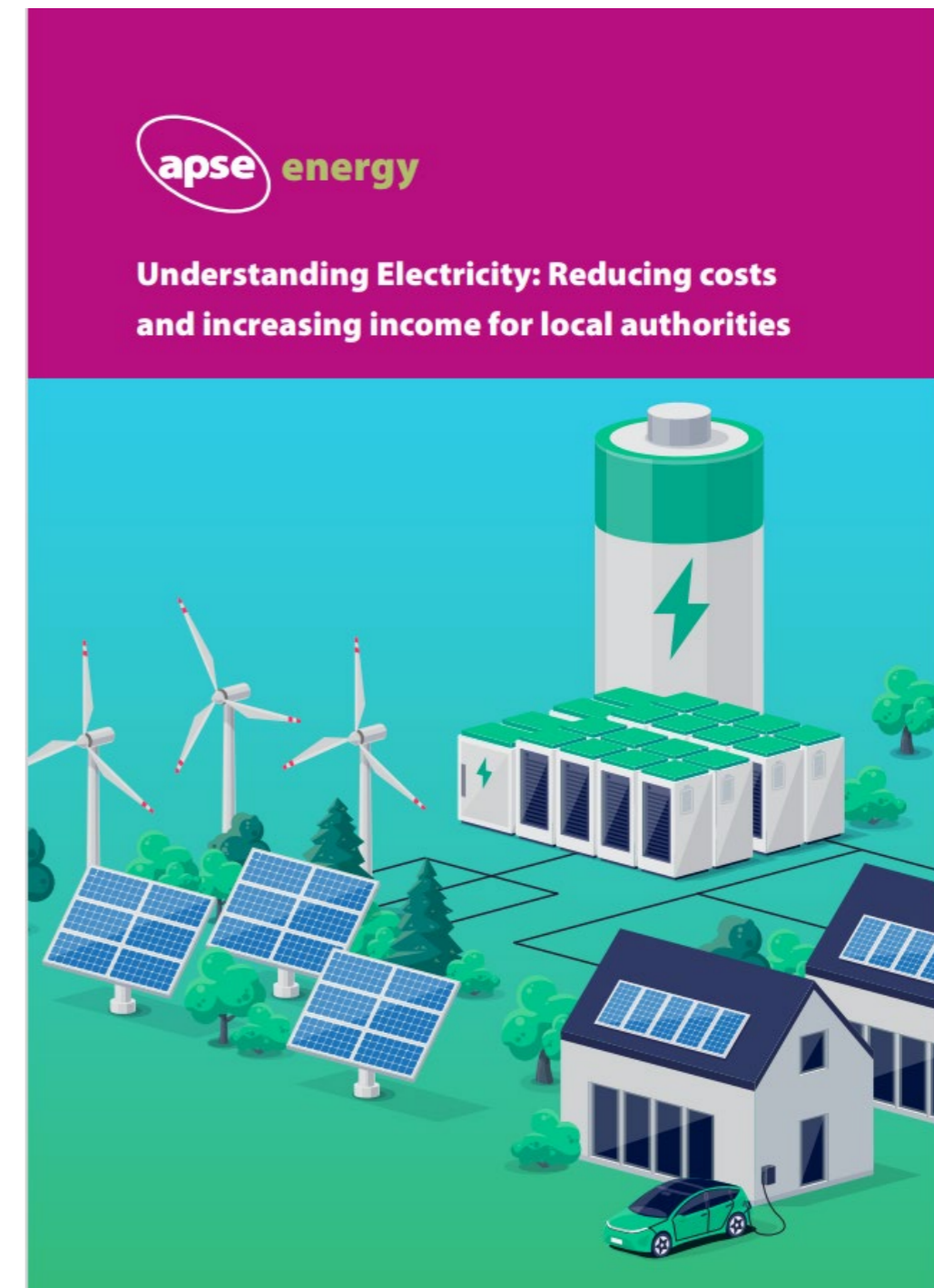
engage – councillors and colleagues

short list of sites

self supply/batteries/private wire/asset purchase


how long will your council wait?

Speak to APSE Energy




apse energy

The Relevance and Legitimacy of Carbon Offsetting in Local Government

An illustration of a person in a blue shirt and grey trousers standing next to a large black scale. The left pan of the scale is higher and contains a small tree and a sun. The right pan is lower and contains a city skyline with smokestacks. The background is a light brown and blue landscape with a sun and clouds.

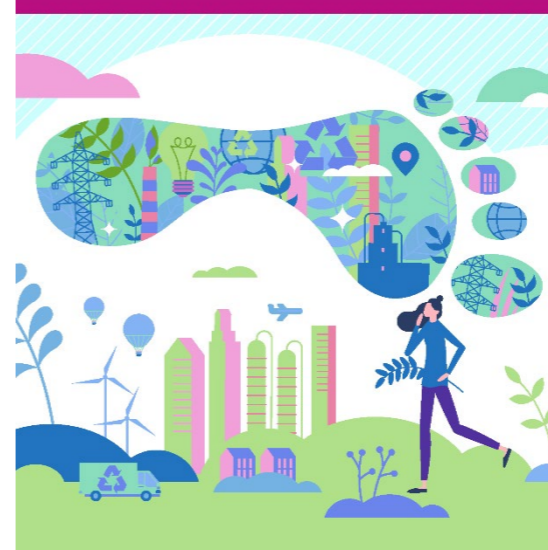
apse energy

Understanding Electricity: Reducing costs and increasing income for local authorities

An illustration of renewable energy sources. It features three wind turbines, several solar panels, a large green battery with a lightning bolt symbol, and a house with solar panels on its roof. A green car is plugged into a charging station. The background is a bright blue sky with green hills.

apse energy

Heat Networks as part of the solution for decarbonisation

An illustration of a person in a blue shirt and dark pants running in a city. The city has colorful buildings, wind turbines, and a recycling bin. A large, colorful, abstract shape resembling a map or a network is in the background, containing various icons related to energy and climate change.

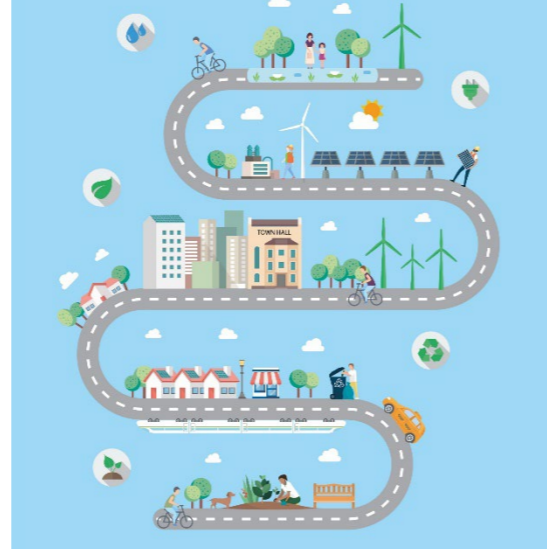
apse energy

Carbon Pricing

An illustration of a city with a large cloud of money (dollar signs) above it. People are walking in the foreground, and there are buildings and trees in the background. The sky is a mix of blue and brown.

apse energy

Energy across the authority 2021
Case study examples of how local authorities are engaging in the energy agenda

An illustration of a winding road with various icons representing energy and sustainability. The icons include wind turbines, solar panels, a bicycle, a car, a house, a tree, and a recycling symbol. The background is a light blue sky.

apse energy

Planning for our Future
Embedding energy and climate change into local plan policies

An illustration of a person sitting at a desk with a laptop. A large globe is in the center, surrounded by energy icons like wind turbines, solar panels, and a lightbulb. The background is a blue sky with clouds.

NEW MUNICIPALISM

Delivering for local people and local economies

Contact details

Phil Brennan, Head of APSE Energy

Email: pbrennan@apse.org.uk



Association for Public Service Excellence

3rd floor, Trafford House, Chester Road,
Old Trafford, Manchester M32 0RS.

telephone: 0161 772 1810

web: www.apse.org.uk