

Leamington Spa, Warwickshire
Thursday 16th and Friday 17th May 2017

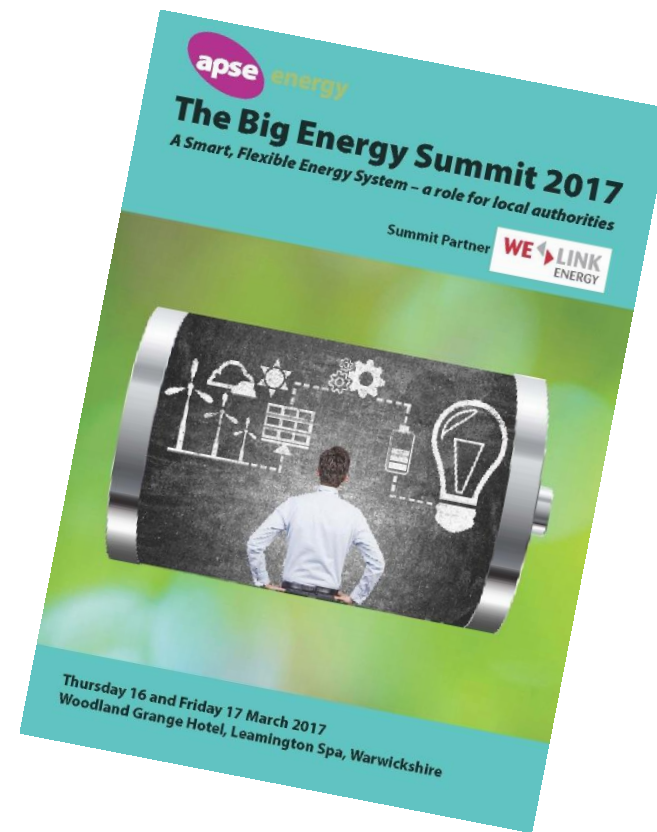
The Big Energy Summit 2017

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Welcome to the Big Energy Summit 2017

from



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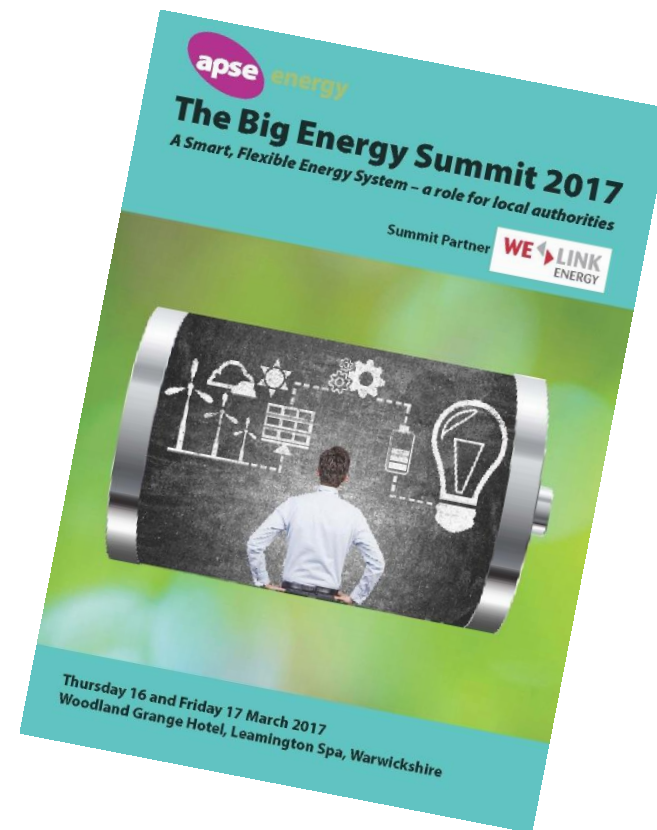
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The BIG Energy Summit -
Introduction

Phil Brennan,
Head of APSE Energy

APSE Energy



Pre APSE Energy

Support; advice; queries; presentations; Climate Change and Renewables Advisory Group

Where we started

- June 2014
- 30 local authority members

Where we are now

- 67 local authority members
- 13 new members this year

Where are we going?

- A journey
- Different starting points
- Assets
- Action
- Capacity issues
- Progress

Unique

- No other LA group integrating energy with other LA services, promoting the actions of the councils solely for the benefit of the local government sector, retaining all resources within the sector

Vision of APSE Energy

- The municipalisation of energy services

Aims

- Address social objectives deliver community benefits such as reductions in fuel poverty and increases in skills and jobs
- Save money and make money

APSE Energy



Advocacy

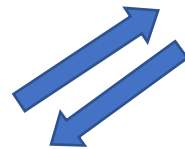
Knowledge

Learning

Consultancy

Municipalisation of Energy Services

Regional Assemblies/BEIS /
OFGEM



Local
Authorities



Suppliers



Influencing
public policy

Educating

Engaging

Project support

Strategy
Vision

APSE Energy Priorities



Behaviour Change

- ELECTRICITY
- ESCO
- Storage
- Batteries
- Trading
- Accelerated options

- TECHNOLOGIES
- Solar
- Electric vehicles
- Charging
- Fleet management
- Hydro
- Hydrogen

- STRATEGY
- Energy strategies
- Civic Energy
- Community Energy
- Procurement
- Business models

- ASSETS
- Corporate estate
- Local assets
- Planning / Merton Rule
- Housing

- HEAT
- Biomass
- District heating networks
- Heat pumps

Municipalisation of Energy Services

- ENERGY EFFICIENCY
- Health & wellbeing
- EPC
- RHI

Regional Assemblies/BEIS / OFGEM

Local Authorities

Suppliers



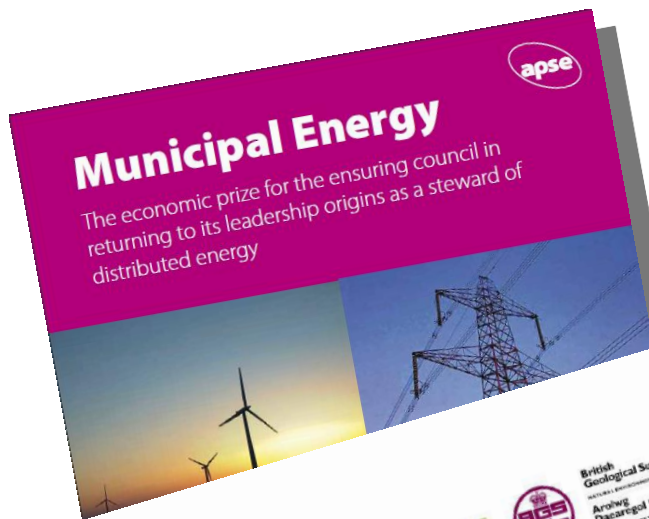
APSE Energy Service Plan June 2016 –June 17 (from issues raised at BIG Energy Summit May 2016)



Knowledge	Progress
APSE Energy to support members' level of awareness and knowledge about technological developments including battery storage, smart metering and use of big data.	<ul style="list-style-type: none"> Information/publications on batteries included in newsletter 16 - Dec 16 Battery technology – Oct 2016 (NEC) Electric vehicles and charging – Oct 2016 NEC) Electricity Report – range of issues - Nov 16 Workshop – grid and batteries – Nov 16 (Fife) Big Energy Summit – presentations 2016 and 2017. Workshop – batteries / business case - May 17 (Leeds)

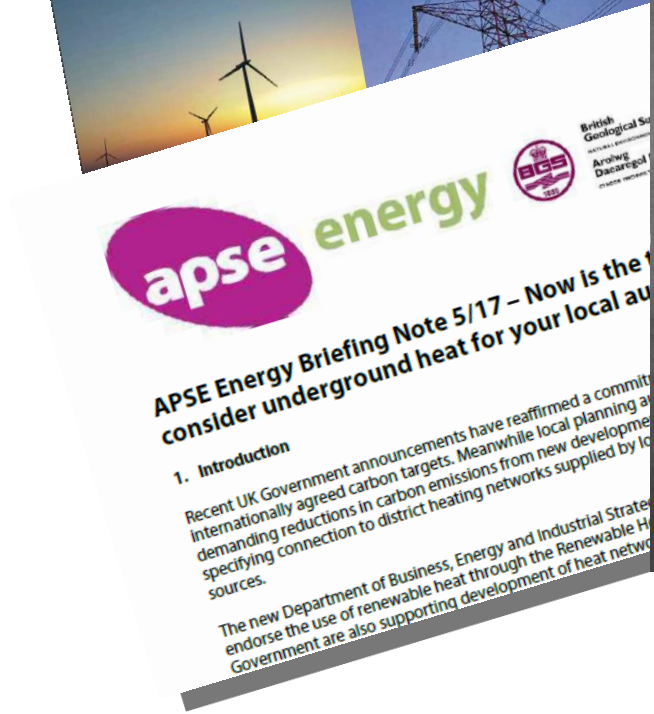
Advocacy	Learning
<p>APSE Energy to gather case studies of local authority achievements in energy projects across the UK and publicise with DECC, other departments and local government.</p>	<p>APSE Energy will continue to hold a range of events throughout the year.</p>
<p>Presentations at APSE Energy events including</p> <ul style="list-style-type: none"> North Ayrshire Solar PV - Apr 201 (Edinburgh) Robin Hood Energy, Cheshire East, Peterborough – delivery models; Aberdeen Heat & Power; Reading - energy efficiency; Oxford - community energy; all at May 2016 (Big Energy Summit) Guildford, Cardiff and National Trust – hydro schemes – June 2016 (Guildford) Stockport biomass – June 2016 (Manchester) Nottingham Solar car ports – Sept 2016 (Nottingham) Reading community energy – Oct 2016 (NEC) Luton Biomass – Oct 2016 (Manchester) Nottingham Energy data management – Feb 2017 (Manchester) TfGM and Bradford Air quality – Feb 2017 (Manchester) Cardiff Geothermal – Mar 2017 (Cardiff) 	<p>Events already held see above at 9. Upcoming events:-</p> <ul style="list-style-type: none"> Merton Rule/Planning - Stockton, London Battery technology - Leeds ESco – Barnsley, Scotland Hydro - Derby Geothermal – Edinburgh, Nottingham Energy purchasing - TBC Hydrogen fuel - TBC

Capacity	
APSE Energy to build its capacity in specialities like heat networks, for support requests from members	<ul style="list-style-type: none"> New Associate – Peter Roscoe ex-DECC Briefing on this topic in Autumn 2016 Number of bids for heat networks work



Municipal Energy

The economic prize for the ensuring council in returning to its leadership origins as a steward of distributed energy

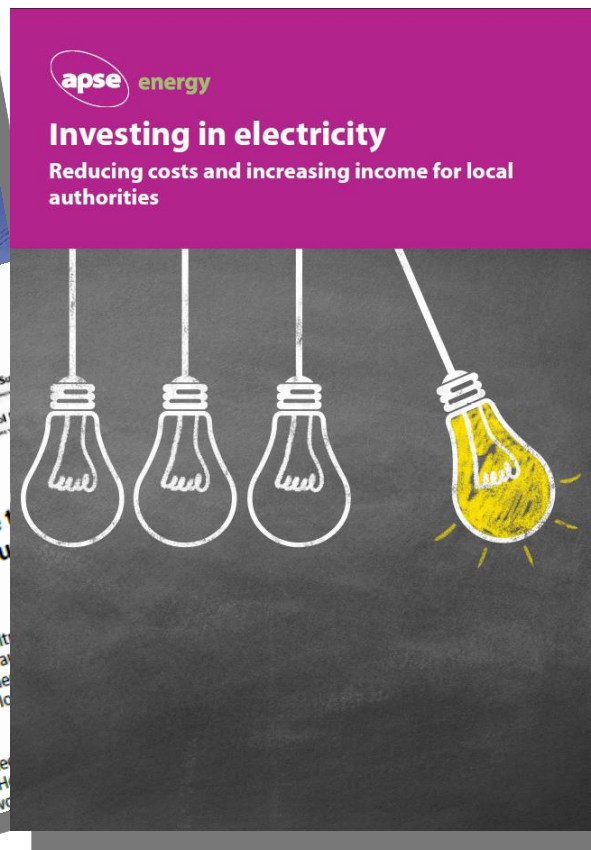


APSE Energy Briefing Note 5/17 – Now is the time to consider underground heat for your local authority

1. Introduction

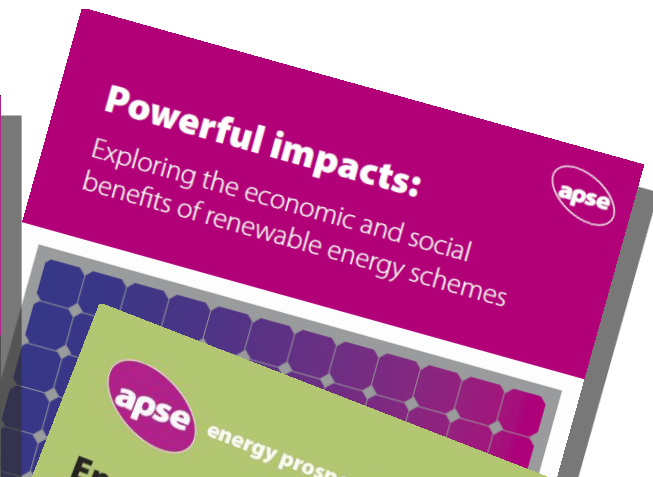
Recent UK Government announcements have reaffirmed a commitment to internationally agreed carbon targets. Meanwhile local planning authorities are facing demanding reductions in carbon emissions from new developments, and specifying connection to district heating networks supplied by local sources.

The new Department of Business, Energy and Industrial Strategy and the new Department of Energy and Climate Change are also supporting development of heat networks through the Renewable Heat Incentive. The new Department of Energy and Climate Change are also supporting development of heat networks through the Renewable Heat Incentive.



Investing in electricity

Reducing costs and increasing income for local authorities



Powerful impacts:

Exploring the economic and social benefits of renewable energy schemes



Energising local government

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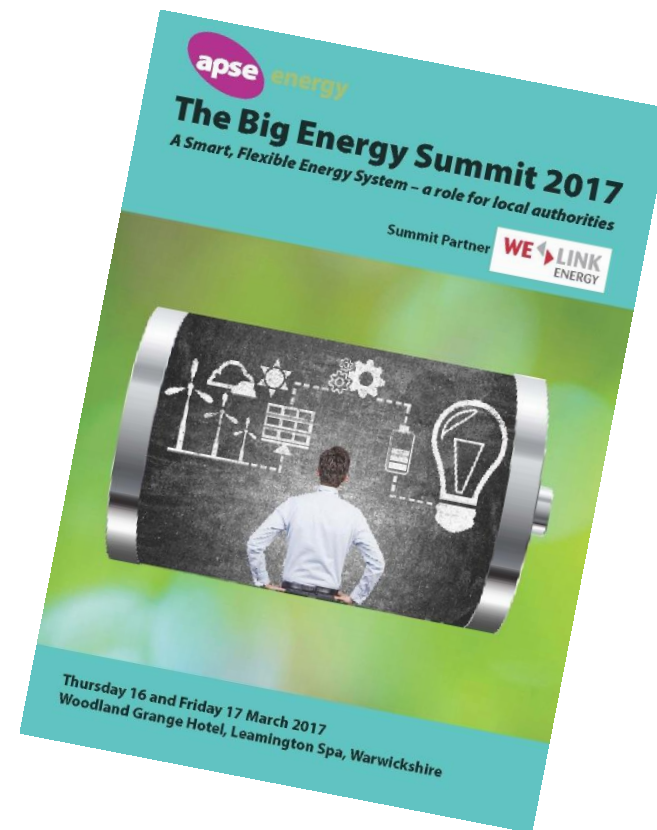
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APSE Energy

- Big Energy Summit 2017
- 16 March 2017
- Leamington Spa

Introduction

- The APSE Energy Consultancy service
- A new, sophisticated approach to energy
- How big is your ambition?

Key Themes of Consultancy

- Electricity, including ESCO's, renewable energy assets and battery storage
- Heat networks, boilers and biomass
- Assets, development, housing and planning

Key Themes of Consultancy (2)

- Electric vehicles and transport
- Community energy
- Behaviour change
- Energy efficiency

Conclusions

- The consultancy is driven by the needs of the members
- The key themes are widely relevant
- Its one step at a time
- What is ahead is even more exciting

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