

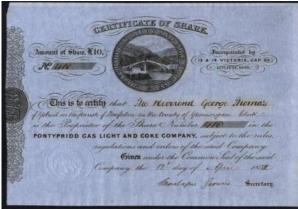
Building maintenance, energy management and the APSE energy collaboration

Mark Bramah, Assistant Chief Executive, APSE

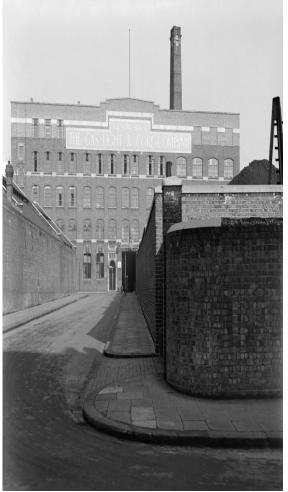
Energy - It's part of our municipal inheritance





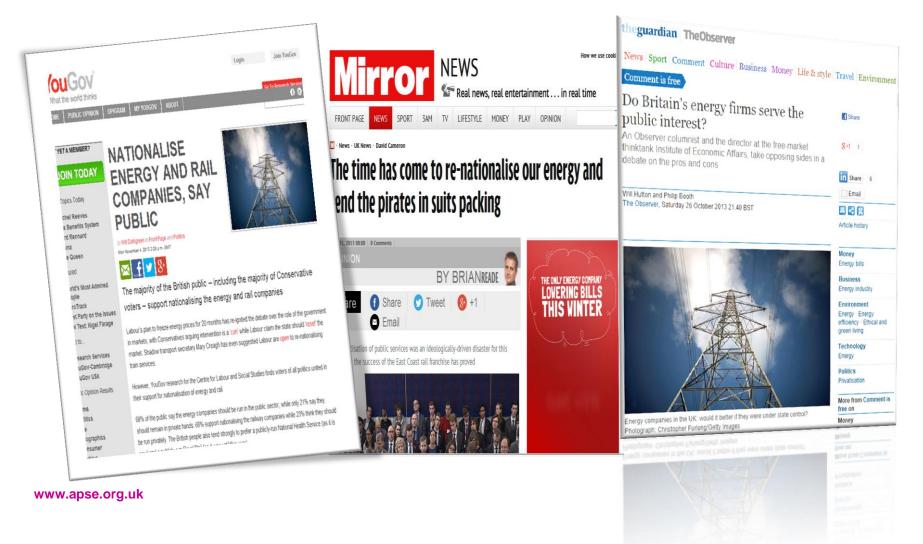






Energy – And it's in the news!!!





The scale of the challenge for local government



According to the Carbon Trust:

- energy consumption of local authorities is estimated to be at least 26 billion kWh per year;
- Leading to annual CO2 emissions of more than 6.9 Mt.
- energy expenditure in the order of £750 million per year; and
- councils can have annual energy bills in the range £8.5-12m,
 but this can be up to £24m for larger local authorities.



Local Government finance prospects



- Chancellor George Osborne has announced a further £62bn budget cuts between 2014/15 and 2017/18 beyond the next General Election.
- Local Government funding in England will fall by a further 8.5% over the next 2 years on top of £20bn savings so far.
- Local government spending excluding police, schools and housing benefit — is set to fall by nearly 30% in real terms between 2008 and 2015 in England and 24% in Scotland according to a JRF report.



The scale of the challenge & the opportunity



- According to DECC in 2011 there were 4.5 million households in fuel poverty Defined as spending more than 10% of family income on fuel.
- Energy price increases on average of between 8.5% & 11.1% in Autumn 2013 (House of Commons Library Energy Price Note Nov 2013).
- Committee on Climate Change estimate that average dual fuel bills will increase by 18% in real terms between 2010 and 2020.
- Npower state that the average dual fuel energy bill will increase from £1,123 in 2013 to £1,330 in 2020
- In 2009 buildings accounted for 43% of all carbon emissions. U.K. housing stock amongst the least energy efficient in Europe.
- UK Renewable Energy target 15% by 2020 Latest figures 2011/12 show that just 3.94% of energy is generated from renewables against a target of 4.04%.
- For the U.K. to meet it's targets the annual growth rate in renewables year on year to 2020 would have to be 16.5%
- Renewables U.K estimate that more than 70,000 jobs in the renewable sector could be created over the next decade.
- Mainly SME's who employ staff in renewable sector.

House of Commons Library research note on energy prices – Nov 2013



"In the medium to long-term the pressures on price all appear to be upwards and the only way for most consumers to reduce the impact of increased unit costs, and even to reduce their bills, is through energy efficiency improvements."

Energy Efficiency programmes



- Green Deal.
- Warm Home Discount.
- Energy Company Obligation (ECO)

Changes to ECO following the Chancellor's Autumn Statement.



- Home Heat Cost Reduction Obligation (HHCRO) and Carbon Savings Community
 Obligation (CSCO) unchanged to 2015 and extended to 2017 with pro-rata increases
 in the obligations on energy companies.
- Eligibility for CSCO to be increasing from the lowest 15% to 25% of areas rated in the indices of multiple deprivation and simplification of the qualifying criteria.
- Carbon Emissions Reduction Obligation (CERO) will be cut by about 33% and will continue at this reduced rate until 2017.
- Loft and easy to treat cavity walls and District Heating included as an allowable primary measure under CERO.
- Establishing a solid wall minima set at 100,000 measures to be delivered by 2017 across all companies and all elements of ECO.
- Energy companies will be able to 'bank' any over delivery against previous schemes (CERT/CESP) and the current round of ECO against their 2015 and 2017 targets.

Changes to Green Deal



- Support for consumers including a Green Deal online tool
- Improving the Green Deal Advice report and signposting consumers to support services.
- Make it clearer in the legislation that landlords and tenants can access the Green Deal
- Opening up access to Energy Performance Certificate data (although it is unconfirmed whether this will include LAs)
- Adding more measures to the list of those that can be supported under the Green Deal and allowing more flexibility over the exact specification to which companies can install.
- Homebuyers will be eligible for up to £1,000 on the average house or up to £4,000 for expensive measures.
- Government will also introduce a scheme to support private landlords to improve the energy
 efficiency of their properties and will improve around 15,000 of the least energy efficient rental
 proprieties each year for three years.
- £90m will be made available over three years to improve the energy efficiency of schools, hospitals and other public sector buildings.
- The Green Deal Communities Fund will be increased from £20 million to £80 million.

What this means for local authorities



- Energy Companies scaling back their commitments No new ECO funding deals or significantly curtailed by the big six.
- The impact on existing ECO deals will mean a massive scaling back of retrofit programmes for solid wall insulation, regeneration of tower blocks and other flatted properties.
- Implications for jobs, training and SME's who would have benefitted greatly from retrofit programmes.

APSE Energy - What is it?



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APSE Energy - What is it?





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Local Authority Energy Collaboration

It was not so long ago that major utilities sat within local authority ownership and control, reflecting their role in public health issues such as the supply of clean water and sanitation. Over a number of decades this has changed. However, as the global threats of climate change and energy shortages continue to grow, local authorities are increasing looking at the developing prospects of municipal energy

Initiated in APSE's South and South West of England region, APSE's bespoke Local Authority Energy Collaboration is a partnership developed by our member authorities which looks to leverage and maximise the opportunities afforded to local authorities by working together on a national scale in the green energy agenda.





About

The APSE facilitated Local Authority Energy Collaboration involves a group of local authorities who are looking to work in collaboration to forward the APSE Energy vision.

Read More



Prospectus

The prospectus sets out the benefits and services provided by becoming a member of APSE Energy. Together with the prospectus you will also find the terms and conditions of membership and a membership application form.

Read More



Past minutes, reports and the business proposal document regarding the apse facilitated local authority energy collaboration are available here.

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Prospectus -

http://www.apse.org.uk/apse/index.cfm/local-authority-energy-collaboration/prospectus/





About

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Prospectus

Our vision is to form an effective collaboration of a large number of local authorities to enable and facilitate the municipalisation of energy services. By this we mean the public and community, as well as private, ownership and managerial control of local energy generation, distribution networks and delivery of energy efficiency works. Local authorities working together in this way would have great influence and would be able to deliver economies of scale in green energy to promote economic growth and combat fuel poverty.

APSE believes that this is a bold and exciting vision and opportunity for local government and has, along with a number of its member authorities, invested a great deal of time and resource to put together a collaboration of councils with the stated aim of municipalising energy. We believe that there is both a will and an appetite in many councils to take this vision forward and to make it a reality. APSE energy will therefore be predicated upon a core group of authorities to act as founder members to APSE Energy to make this a viable new project.



A copy of the prospectus, a membership application form and terms and conditions are available to download below:

APSE Energy - Prospectus.pdf

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Membership application form.pdf

Read More

Terms and conditions booklet.pdf

Read More

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Aims



The aims of **APSE energy** are to support councils to deliver the local municipalisation of energy services and in doing so:

- address social objectives and deliver community benefits, such as a reduction in fuel poverty and increases in jobs and skills;
- save money and make money for local authorities to safeguard local services.

Our Vision



"The vision is to form an effective collaboration of a large number of local authorities to enable and facilitate the local municipalisation of energy services. By this we mean the public and community, as well as private, ownership and managerial control of local energy generation, distribution networks and delivery of energy efficiency works. Local authorities working together in this way would have great influence and would be able to deliver economies of scale in green energy to promote economic growth and combat fuel poverty."

What have we done so far?



- Developed a business proposal for the collaboration Oct 2013
- Expressions of interest form completed by 36 councils across the U.K. with a further 19 still interested Dec 2013
- APSE National Council agreed to proceed with the launch of a new service (Level 1) Dec 2013.
- APSE's Assistant Chief Executive deployed to work exclusively on development of APSE Energy – From Jan 2014.
- Met with Alan Whitehead M.P. with regard to him acting as parliamentary advisor to the collaboration – Dec 2013
- Planned Westminster launch for the collaboration March 2014.
- Created a web page for the collaboration as a resource hub Jan 2014
- Published a prospectus and terms and conditions of membership Jan 2014
- Named as a multiplier organisation for TCPA 'Spatial Planning and Energy for Communities in all Landscapes (SPECIAL) project – Jan 2014
- Meetings and visits to local authorities to promote APSE Energy Jan to March 2014
- Planning first workshop/learning event on retail/sleeving of energy April 2014

Services offered



Advocacy and brokerage

- Government
- Energy industry
- Partnerships

Capacity

- Strategic advice
- Feasibility
- Time banking arrangements

Knowledge

- Resource portal
- Technical and policy updates
- Free legal helpline

Learning

- Practical workshops
- Round tables
- Secure networking
- Conferences and seminars

How do the services fit together?



A programme for municipalised energy

Policy and strategy

- Lobbying
- Briefings
- Networking
- Round tables

Feasibility

- Strategic advice
- Time banking
- Legal advice
- Resource portal

Business case

- Learning events
- Resource portal
- Intelligence
- Research

Development

- Frameworks and supply arrangements
- Pipeline of projects

Membership



Low cost level of membership @ £2k per APSE member authority and £5k for non-APSE member authority

Group discount of 20% in the first year e.g. Upper and lower tier councils in England/Energy Partnerships.

Terms and conditions – Shared aims and vision: knowledge or expertise gained through support of the collaboration will be fed back into the collaboration for the mutual benefit of the whole membership.

Future ambition



Timescales	Objectives
Short-term – 2014/17	 Build an effective membership base. Develop advocacy and brokerage capacity. Create shared resources and knowledge hub. Identify key priorities and work programme Demonstrator projects.
Medium Term – 2017/20	 Expand membership and influence. Build capacity to deliver municipal energy. Support local authority programmes and projects. Joint working, facilitation, partnerships and collaborative working. Identifying funding opportunities, self-financing and reinvesting in collaboration.
Long-term – 2020 onwards	 Significant generation and supply of local energy. Financial sustainability. Local authorities reinvesting in local services and communities. Local economic and social benefits realised.

LOCAL SERVICES LOCAL SOLUTIONS



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