

# APSE

Where Now for Leisure Centres and Sports  
Facilities

Manchester  
19 November 2013



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# Energy Efficiency & Sustainable Supply

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**LEEDS**  
CITY COUNCIL



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# Coverage

- the position in local government;
- energy efficiency;
- rethinking energy needs;
- cost savings;





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# The hierarchy in energy

- Use less energy;
- Improve energy efficiency;
- Create new energy from renewables;



# Use Less Energy



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# Energy Saving Reminder



**Remember to turn  
off your computer  
at the end of  
the day!**



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**This lamp will be switched  
off between 12 midnight  
and 5am - saving  
40% of its energy  
running costs**

**Streetscene and Housing: 01484 414700**



[www.kirklees.gov.uk/partnight](http://www.kirklees.gov.uk/partnight)



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# Improve Energy Efficiency



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# Create Renewable Energy



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PV 4kWp | 3400kWh/year | 25y  
FIT | 25y usage | 14p electricity  
April 2011 – 41p FIT

PV 4kWp | 3400kWh/year | 20y  
FIT | 25y usage | 15p electricity  
November 2012 – 15.44p FIT

-£14,000	Installation	-£7,000	Installation
-£2,800	Inverter/maint	-£1,400	Inverter/maint
£34,850	FIT	£10,880	FIT
£1,318	Export (50%)	£1,530	Export (50%)
£8,450	Own usage (50%)	£9,053	Own usage (50%)
<b>£27,817</b>	<b>Net benefit</b>	<b>£13,063</b>	<b>Net benefit</b>
<b>10.8%</b>	<b>IRR</b>	<b>11.1%</b>	<b>IRR</b>

**Smaller outlay for same returns**  
**Customers can now afford larger systems**





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# Conclusions



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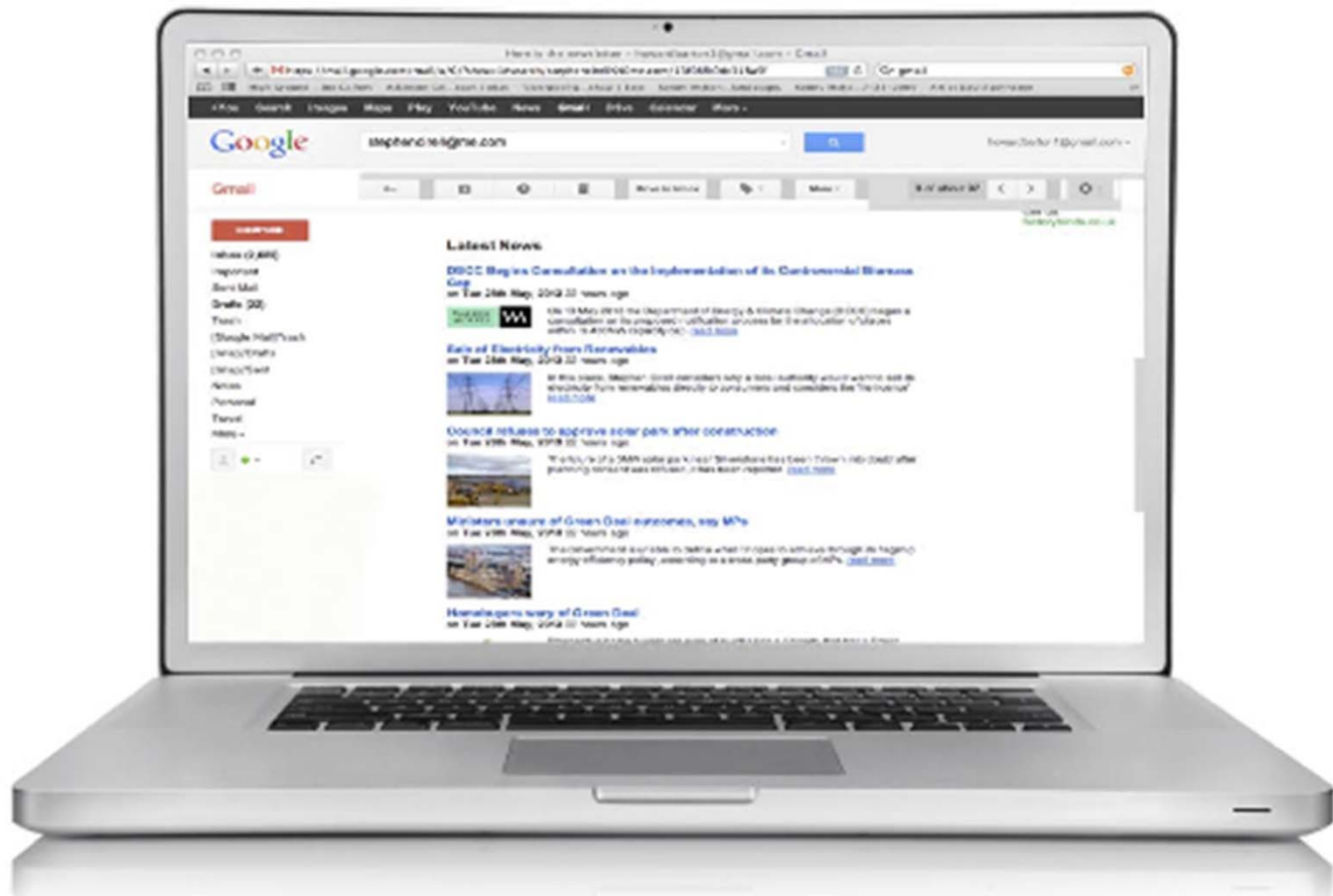
## Public Sector Energy is a new service to keep everyone in the public sector up to date on what is happening in the green agenda.

It is focussed on delivery of renewable energy and energy efficiency projects, rather than the theory of what might work.

Every week you will get an email that draws together in one place all the stories that you need to know about, together with some advice and guidance from Stephen Cirell.

It is completely free, you just need to register with

[www.publicsectorenergy.co.uk](http://www.publicsectorenergy.co.uk)



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