



## AGENDA

### SELECT COMMITTEE - RENEWABLE ENERGY

Tuesday, 26th January, 2010, at 1.30 pm      Ask for:      Christine Singh/  
Wantsum Room, Sessions House,      Telephone      Sue Frampton  
County Hall, Maidstone      (01622) 694334      or  
694993

*Tea/Coffee will be available 15 before the start of the meeting in the meeting room*

#### Membership

Mr K A Ferrin, MBE, Mr C Hibberd, Mr D A Hirst, Mr R E King, Mr T Prater, Mr C P Smith, Mrs P A V Stockell and Mrs E M Tweed

#### UNRESTRICTED ITEMS

*(During these items the meeting is likely to be open to the public)*

Item No		Page Number
1.	Election of Chairman	
2.	To discuss and agree the terms of reference and general approach to the review	1 - 10

#### EXEMPT ITEMS

*(At the time of preparing the agenda there were no exempt items. During any such items which may arise the meeting is likely NOT to be open to the public)*

Peter Sass  
Head of Democratic Services and Local Leadership  
(01622) 694002

**Monday 18 January 2010**

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By: Sue Frampton, Policy Overview Research Officer

To: Renewable Energy Select Committee

Subject: Renewable Energy in Kent

Date: 26<sup>th</sup> January 2010

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Summary: To discuss and agree Terms of Reference and Scope for the Review

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## **Introduction**

The Renewable Energy Select Committee will investigate issues in relation to this topic for KCC and the county of Kent. In the light of KCC's obligations with regard to carbon reduction, and the imperatives of fossil fuel depletion, the review will explore ways to support Kent's transition to a sustainable, low-carbon future and in particular will consider what KCC can do through its operations or influence to enhance Kent's role and the benefits to its residents and businesses from the development of renewable energy. Following investigation of the topic a number of recommendations will be made.

## **Committee Membership**

The Select Committee consists of eight Members of Kent County Council:

Mr Keith Ferrin (Chairman Designate)

Mr Charles Hibberd

Mr David Hirst

Mr Richard King

Mr Tim Prater

Mr Chris Smith

Mrs Paulina Stockell

Mrs Elizabeth Tweed

## **Proposed Terms of Reference (TOR)**

As there are a wide range of important issues concerning the environmental, social and economic impacts of this topic, it will be important to identify and agree upon some key areas for the investigation, therefore key themes and aspects to be covered are suggested below. In order to ensure meaningful outcomes are achieved in the time available for the review the scope may need to be focused further as the review progresses.

1. To determine existing and emerging national and local policies and strategies with regard to renewable energy and their effect on Kent.
2. To establish a baseline position and future projections for Kent with regard to energy requirements and generation, including the contribution from renewable energy.
3. To identify key challenges as well as opportunities in relation to renewable energy in Kent.

4. To Identify and explore the views of suppliers and consumers in relation to renewable energy.
5. Having considered the above, to make recommendations which will contribute to increased energy security and prosperity for Kent residents and businesses as well as supporting the national transition to a low-carbon future.

### **Proposed Scope**

1. To determine existing and emerging national and local policies and strategies with regard to renewable energy and their effect on Kent.
  - a. Examine current policy and plans in relation to renewable energy both at national and local level in Kent.
  - b. Determine Kent's progress towards the achievement of local targets relating to renewable energy, including work being done or planned in partnership with other authorities or organisations and how these targets fit in with national priorities.
2. To establish a baseline position and future projections for Kent with regard to energy requirements and generation, including the contribution from renewable energy.
  - a. Determine the current demand and sources of supply (energy mix) for Kent.
  - b. Identify trends and issues affecting demand including progress towards increasing energy efficiency.
  - c. Examine the options for future energy supply and the contribution different sources of renewable energy can make to meeting Kent's energy demands through national, community and individual building-level schemes.
3. To identify key challenges as well as opportunities in relation to renewable energy in Kent.
  - a. Identify key obstacles in relation to the development of renewable energy in Kent.
  - b. Identify ways in which KCC could, through its policy, programmes or influence, maximise benefits to Kent in relation to renewable energy.

The committee could consider:

- community policy and vision
  - community solutions including district heating and combined heat and power
  - energy from waste
  - planning issues affecting renewable energy installations
  - maximising the role of the business sector
  - maximising the role of the public sector
  - use of renewables in the KCC estate
  - use of biofuels and other options for more sustainable transport
  - funding mechanisms to increase the uptake of renewables
4. To Identify and explore the views of suppliers and consumers in relation to renewable energy:
    - a. Identify areas of KCC work which contribute to greater awareness of sustainable energy issues and the role of renewable energy in the county.
    - b. determine whether further action is necessary to improve leadership on renewable energy and increase public knowledge, confidence and support.

5. Having considered the above, to make recommendations which will contribute to increased energy security and prosperity for Kent residents and businesses as well as supporting the national transition to a low-carbon future.

### Proposed Timetable

<b>Dec 09/Jan 10</b>	Desk-based research and preparation. Identification of stakeholders/witnesses.
<b>26 Jan pm</b>	First Meeting of Select Committee to elect Chairman, agree TOR/scope and witness list (with all-party involvement)
<b>Early Feb</b>	Requests for written evidence to be sent out
<b>Mid March</b>	Distribution of written evidence to Select Committee
<b>Early/Mid April</b>	Visits. Meeting to discuss written evidence and identify witnesses to be invited to give oral evidence.
<b>Early/Mid May</b>	Visits. Hearings.
<b>Mid May</b>	Meeting of Select Committee to discuss report framework, key issues and areas of recommendation
<b>June</b>	Report writing
<b>End June</b>	1 <sup>st</sup> draft to Select Committee for comment
<b>Early July</b>	Meetings to discuss/finalise report
<b>Mid July</b>	Final Report considered and agreed by Select Committee
<b>Mid-end July</b>	Report published to relevant Cabinet Members NB: Also summary paper to Cabinet Briefing
<b>Mid-end July</b>	Share report with major stakeholders
<b>End July</b>	Agreed amendments to report following stakeholder involvement
<b>Mid August</b>	Share final report with appropriate Cabinet Members (particularly Environment, Highways & Waste Cabinet Member Nick Chard and Regeneration & Economic Development Cabinet Member Kevin Lynes)
<b>3<sup>rd</sup> Sept</b>	Report published to Cabinet
<b>13<sup>th</sup> Sept</b>	Report considered by Cabinet
<b>6<sup>th</sup> Oct</b>	Report published to County Council.
<b>14<sup>th</sup> Oct</b>	Report considered by County Council

### Witnesses (written/oral evidence)<sup>1</sup>

A range of evidence may be requested from the following:

Advisory and regulatory bodies  
 Building Sector  
 Business Sector  
 Communications Sector  
 District and Borough Councils in Kent  
 Energy Sector  
 KCC Officers  
 Land Management/Environmental Protection organisations  
 Motor manufacturers  
 Operators of renewable energy installations in Kent <sup>2</sup>  
 Other Local Authorities  
 Planning Sector

<sup>1</sup> Full List of suggested witnesses at Appendix 1

<sup>2</sup> Appendix 2 (source: SEESTATS)

## Evidence Gathering

Sources of evidence will be oral and written submissions from witnesses; surveys of public opinion; published documents; briefings and visits to appropriate sites within and outside the County. It is proposed that:

- initially, written evidence is requested and, having seen this, members of the committee identify whom they would like to hear (more) from in oral evidence sessions in the Spring.
- public involvement work begins immediately, using social networking tools.

## Potential visit sites<sup>3 4</sup>

Betteshanger – coalfield regeneration/biomass heating system

Dungeness B Nuclear Power Station

Ecobuild Conference – Earls Court (2/3/4 March)

Individual households (with energy saving/renewable technologies installed)

Kent schools such as Valley Park Community School, Eastchurch Primary School, Sandwich Technology School who have installed renewable energy technologies

London Array/Thanet Offshore/Kentish Flats Windfarms

Romney Marsh - Little Cheyne Court Onshore Windfarm

Tandridge District Council (Oxted) – solar power generation

Wildwood Wildlife Park (zero carbon zoo near Canterbury)

Woking Borough Council – combined heat & power and local solar initiatives

## Public Involvement

- Existing surveys from 2007 and 2008 on public perceptions of renewable energy in Kent.
- Use of social networking tools to introduce the review to the public in Kent in order to identify key areas of public concern which may be addressed during the review.
- Use of an online poll
- Publicising outcomes e.g. using the original social networking tools

## Recommendation:

To agree the Terms of Reference and general approach to the review of renewable energy in Kent.

## Contacts:

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Democratic Services Officer,  
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<sup>3</sup> List of renewable energy installations in Kent at Appendix 2

<sup>4</sup> List of schools having current KCC renewable energy projects at Appendix 3

## **Appendix 1:**

Potential Witnesses from whom oral or written evidence may be sought:

### **External witnesses**

Bedford Borough Council

British Gas

Business Support Kent

C4Ci

Carbon Free Group

Carbon Trust

Conker Conservation

Combined Heat and Power Association

CPRE Kent

Creative Environmental Networks

Devon County Council

E.ON Renewables

East Sussex County Council

EDF Energy

Energy Saving Trust (The)

Environment Agency (The)

Essex County Council

EUROSOLAR - The European Association for Renewable Energy

Fintry Development Trust

Forestry Commission

Futerra Sustainability Communications

Greater London Authority

Honda UK

Kent Borough & District Councils

Kent Enviropower Limited

Locate in Kent

London Array

National Farmers Union

National Grid

National Trust (The)

Natural England

Ofgem - London

Rolls Royce

Scottish & Southern Energy (Southern Electric)

SEEDA

South East England Partnership Board

Southampton City Council

Tendridge District Council

Thames Gateway Institute for Sustainability

Torry Hill Farm

UK Energy Research Centre

University of Greenwich at Medway

University of Kent Energy Analysis Group

Valley Farm Community School

Vattenfall

Woking Borough Council

### **KCC Witnesses**

Baggs, Steve – Energy Manager

Gabriel, Roger – Employment & Skills Board Manager, Kent and Medway

Gill, Ross – Economic Policy & Strategy Manager

Harrington, Leonie – Environment Strategy & Communications Manager

Hilkene, Neil – Sustainability Manager

Johannsen, Nick – Kent Downs Director

KcKibbin, Megan – Executive Director - Kent Economic Board

Keeling, Pete – Team Leader (Economy & Demography)

McKenzie, Carolyn – Greener Kent Manager

Morgan, Andy – Head of Energy Management

## Appendix 2

Renewable Energy Installations in Kent

Source: SEESTATS

Please note this list is not exhaustive and notes about status may need to be updated

Appledore Recreation Centre - solar  
Betteshanger Colliery - biomass  
Birchington Community - thermal  
Blean (Amery Court Farm) - biomass  
Canterbury Environmental Education Centre - wind, solar, thermal (failed for non-technical reasons)  
CARE Community - wind - thermal  
Chilham Close (Amicus) - thermal  
Church Hougham School - solar, wind  
Church Mill (Maidstone Borough Council) - hydro  
Churchill School - solar  
Claremont School - solar, wind (SEESTATS data indicates this site awaiting planning permission)  
Crabble Mill - hydro  
Davington School - wind (failed for non-technical reasons)  
Dover White Cliffs - wind  
Eastchurch School - solar  
Elephant Power (Howletts) - thermal (failed for non-technical reasons)  
Godington Park - biomass, solar  
Hawkinge (family home) - thermal  
Horsted Way (family home) - wind  
International House (Kent Energy Centre) - wind (failed - technical reasons)  
Kentish Flats - wind  
Kenward House - solar, biomass  
Little Cheyne Court - wind  
London Array - wind (under construction)  
Maidstone (Duke of Wellington - Lenham) - solar, thermal  
Mistletoe Cottage (family home) - solar, wind  
North Dover Wind Park (Planning refused - at appeal stage)  
Petham Village Hall - thermal  
Pines Calyx (St. Margaret's Bay Trust) - solar, biomass, thermal (Priority Prospect)  
Portlympne Wild Animal Park - wind (awaiting planning permission)  
Sittingbourne Community College - solar, thermal  
St. Nicholas Church - solar, biomass  
Swadelands School - thermal  
Thanet Offshore Windfarm (under construction)  
The Moat - solar  
Torry Hill - biomass  
Turkey Mill - hydro (priority prospect)  
Westerham (WK Housing Association) - thermal  
Wildwood Energy - solar, thermal, biomass  
ZEF Chiddingstone (Commonwork Farm) - wind (priority prospect)

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### Appendix 3:

School Renewable Energy Projects in Kent, funded from Energy and Water Investment Fund 2009/10 (£100K)

Source: Data provided by Steve Baggs, KCC Energy Manager

School	Date installed	Grant awarded £	Technology
Aldington Primary School		16000	wind turbine/solar PV
Christ Church School Ashford			Solar PV
Cranbrook School			Solar Water Heating and Solar PV
Craylands School		5000	Wind Turbine
Egerton Primary School			Wind turbine and Solar PV
Hamstreet Primary School			Solar PV and wind turbine
Hartsdown Community College			wind turbine
Holywell School		1500	Ground Source Heat Pumps
Kings Hill Primary School	03/09/09	23610	Solar PV
Leigh Primary School			Solar PV
Mascalls School	25/08/09	5000	Wind Turbine and solar PV
Norton Knatchbull School			Solar water heating and solar PV
Pent Valley School			Solar PV
Petham Primary School		10000	
Sir Roger Manwoods			Solar PV
St Anselms RC School			
Swanley Technology College		12150	wind turbine
The North School			Solar PV Solar water heating
Upton School		5000	Solar water heating for swimming pool
Ursuline College			Solar PV
Wittersham Primary School			Solar Water Heating and Solar PV

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