North East Lincolnshire Council

Home Energy Conservation Act (Heca)

Draft HECA Report

March 2013
Introduction

The Home Energy Conversation Act 1995 (HECA) recognises that local authorities are able to use their position to assist local residents in improving energy efficiency within their homes.

Department of Energy and Climate Change (DECC) issued guidance in July 2012 to local authorities requesting a HECA report is to be submitted by 31st March. The next report will be submitted every two years after this.

Area Characteristics (Figures taken from the stock condition survey 2013)

North East Lincolnshire Council is a unitary authority and is within Yorkshire and Humber area. The land area of North East Lincolnshire 192 Square Kilometres and a total of 160,000 residents. North East Lincolnshire boarders another unitary local authority North Lincolnshire.

Fuel Poverty

From the latest statistics provided by DECC in 2010 13,641 Fuel poor households which is 19.7% (across all tenures). All households within North East Lincolnshire are 69,347. A home is classed to be living in fuel poverty, if the householder spends more than 10% of its income on fuel to maintain an adequate level of warmth. We suspect these figures may have risen again due to high fuel costs, low incomes within the areas and we have many pre 1919 terraced construction properties which are hard to heat.

In 2010 North East Lincolnshire carbon emissions stood at 1497.2Kt CO2. Of that total 347.6Kt were emitted from the domestic sector accounting for 23.2% of all North East Lincolnshire emissions.

Partnership working

In 2001 the South Humber Energy Efficiency Partnership was established between North and North East Lincolnshire Councils to provide free and subsidised insulation and heating measures to the residents of both areas through a framework arrangement with private companies, including EON more latterly. From January 2012 to December 2012 North East Lincolnshire Council, 1600 referrals were made to this scheme and 1000 measures installed.

Currently we are in process of bringing Green Deal/Eco under the SHEEP scheme as it’s a well known branding within North East Lincolnshire and North Lincolnshire.

Over the last two years in partnership with North Lincolnshire we have been successful with the Warm Homes Healthy People Fund provided by Public Health raising awareness and training to front line staff.
Also working closely with the NHS/Care Trust Plus who have funded a health scheme project to assist those that are on Low incomes but miss out the o the current schemes

Working along side National Energy Action on various projects with energy champions, hotspots scheme and working latterly on the VIVA projects for volunteers who are over 50.

**Carbon emissions within the borough**

The Department for Energy and Climate Change (DECC) have collected local authority carbon emissions data since 2005, the latest year published is 2010. This data includes emissions from 3 different sources: industrial and commercial; domestic; and transport. North East Lincolnshire emissions have decreased over the 6 year collection period, with reductions in each of the emissions sources observed. The North East Lincolnshire area emitted just under 1500 Kt of carbon dioxide (CO2) in 2010, a total reduction of 13% on the 1720 Kt of CO2 emitted in 2005. The table below shows the reduction trend:

<table>
<thead>
<tr>
<th>Year</th>
<th>Road Transport</th>
<th>Domestic</th>
<th>Industry and Commercial</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>1500</td>
<td>500</td>
<td>520</td>
</tr>
<tr>
<td>2006</td>
<td>1450</td>
<td>480</td>
<td>570</td>
</tr>
<tr>
<td>2007</td>
<td>1400</td>
<td>460</td>
<td>600</td>
</tr>
<tr>
<td>2008</td>
<td>1350</td>
<td>440</td>
<td>630</td>
</tr>
<tr>
<td>2009</td>
<td>1300</td>
<td>420</td>
<td>660</td>
</tr>
<tr>
<td>2010</td>
<td>1250</td>
<td>400</td>
<td>690</td>
</tr>
</tbody>
</table>

The trend shows an increase in emissions in 2010 compared with 2009. This increase is not unique to North East Lincolnshire, with many other local authorities across the country showing the same trend, indicating a significant national trend outside of local authority control.
The contribution of industry and commercial emissions is significant within North East Lincolnshire. Of the total CO2 emissions produced in 2010, over sixty one per cent (61%) comes from the industrial and commercial sector, this compares to a national average of forty-one per cent (41%). Twenty-three per cent (23%) of emissions come from the domestic sector and fifteen per cent (15%) from transport, compared with the national average of thirty-five per cent (35%) and twenty three per cent (23%), respectively. Only North Lincolnshire’s and 4 London Borough authorities have a similar distribution of emissions. The graph below highlights North and North East Lincolnshire carbon emissions distribution compared with the national average.

The relatively high density of industry compared to a low population means North East Lincolnshire has one of the highest per capita emissions of any city in the country. The recent centre for cities 2013 report ranks Grimsby as the 62nd out of 64 for its per capita carbon emissions.
### Local Energy Efficiency Ambitions and Priorities

<table>
<thead>
<tr>
<th>ACTION</th>
<th>ACTIVITY</th>
<th>Progress Update</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Housing Strategy</strong></td>
<td>The Housing Strategy incorporates the principle that “Everyone can afford to keep their home warm”. The actions that feed into the Affordable Warmth action plan are monitored on a quarterly and annual basis and relate to achieving the overriding principle.</td>
<td>On-going</td>
</tr>
</tbody>
</table>

### Measures we are taking to reduce fuel poverty

| Green Deal and ECO | We are currently procuring partners to work with us to deliver the Green Deal for both the able to pay market for both private homes and small businesses and ECO, with particular reference to the Home Heating Cost Reduction Obligation. The procurement exercise will give |
us an opportunity to develop local skills in this area through recruiting local workers and apprenticeships. Proactively promoting all current schemes available.  

### Housing Assistance Policy

- The Housing Assistance Policy includes for assistance through loans and grants to repair/replace/renew heating systems. The Policy is directed at making homes decent and remedying Category 1 hazards.

### Area based external wall insulation retrofit

- North East Lincolnshire Council made a 10 year commitment in July 2008 to regenerate the East Marsh area in Grimsby. The area is one of the most deprived areas in the country. The housing stock is mainly pre 1910, poor quality terrace housing. As part of the scheme of regeneration works, during 2010/11 North East Lincolnshire Council attracted ERDF funding through the innovative EIDC project, completing external wall insulation and other energy efficiency measures to streets in the area.

### Zero Carbon Homes

- To ensure all new built homes are zero carbon by 2016 we propose to???????

### Prioritising category 1 hazards due to Excess Cold

- SAP surveys are used to assess for Category 1 hazards and properties with Excess Cold hazards are addressed, with formal action, where necessary, where identified and the hazard of Excess Cold remedied.

### Other

- A number of training courses on fuel poverty have been run for front line staff, including health, fire service and other partners. Similar training has also been given to private landlords, Councillors and
voluntary organisations.

- In 2008 we started the “hotspots” referral scheme targeted particularly at people in fuel poverty. 2000 households have been given some form of assistance under this scheme since it started.

- A number of outreach advice and assistance sessions are given each year, using community venues, local links, libraries etc. The last few concentrated on fuel switching and getting the best deals.

- Work with other local authorities to offer a “fuel switching” scheme available to households throughout North east Lincolnshire. This will be done every 6 months.

- We will be using Council tax data to target vulnerable Households

- We with new and existing local partners to actively promote the schemes.

- Educate residents on how to use existing heating systems and be more energy efficient within in their home.

- Ensuring residents have benefits check to ensure they are receiving maximum benefit entitlement.

- Working with private landlords to encourage take up of Green Deal and Eco schemes in private rented properties

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**Proposed Measures for Improving the Housing Stock on a street by Street Roll out Programme**

- Procurement of partners to work with the Council to deliver Green Deal and ECO. The procurement process to include for development
of skills within the private sector to meet future local need.

- Revision of the Housing Assistance Policy to allow financial assistance through loans and grants to insulate homes, replace inefficient boilers and fit renewable technology. The policy to ensure the installation of renewable technology and measures to reduce carbon emissions is incentivised.

- Use of EPC bulk data and other social/deprivation data to target individual and block improvement schemes to address issues of individual fuel poverty and blocks of hard to heat homes.

- Continue to develop community and third sector capacity to champion affordable warmth and fuel poverty causes and assist self – help.

- Promotion of energy efficiency improvements within the Council’s own buildings, commercial units and SMEs to save money and reduce carbon emissions.

- Working with social housing providers on current schemes.

Signed of By:

Position: Chief Executive, North East Lincolnshire Council

Date: