

**HOME ENERGY CONSERVATION ACT 1995
EIGHTH PROGRESS REPORT (2004)
FOR THE PERIOD 1 APRIL 2003 TO 31 MARCH 2004**



Please complete this form in full and return it and one copy to your Government Office **no later than 30 September 2004**. Before completing this form you should read the accompanying guidance.

Data Protection Act

In order to process this report we may need to disclose the information we receive from you to others including our authorised agents, other Central Government Departments and other public bodies. We may also keep your name and address on a list that will be used for future exercises on related topics.

Occasionally, we receive requests to provide various organisations and companies with a list of HECA contacts. No one will be given a copy unless we feel it would be in your interests. **However, if for any reason you do not wish your name and address to be included if and when the database is provided to others, please indicate this clearly.**

Pagination in this version of the form, designed for completion on a PC, differs from that of the printed form. The spaces should expand to accommodate the necessary information – but it would be appreciated if the completed form did not extend beyond a total of 8 pages. Please do not edit the existing text.

The name and details given here will be taken by Defra as the HECA “lead officer” contact

Name	Julia Blackwell C.Biol., M.I.Biol		
Job Title/Department (as appropriate)	Home Energy Efficiency Officer, Environmental Health		
Authority	Huntingdonshire District Council		
Address	Pathfinder House, St Mary’s Street, Huntingdon Cambridgeshire		
	Post Code	PE29 3TN	
Telephone	01480 388 288	Fax	01480 388 361
E-mail	Julia.Blackwell@huntsdc.gov.uk	Date	October 2004

1. Have there been any changes to the following elements of your authority’s Home Energy Conservation Act (HECA) strategy in the period covered by this report?

Please summarise elements of the energy conservation report prepared in 1996 (your “HECA strategy”) in the first column of the table below, taking account of any amendments made to the strategy up to and including 31 March 2003. Changes made prior to this date will already have been recorded by Defra from information you have provided. However, if any changes have been made

between 1 April 2003 to 31 March 2004, please tick the relevant “Yes, changes” box(es) and enter the new figure(s) in the final column. If there have been no changes, please tick the “No change” boxes. Refinements to strategies may be necessary from time to time, but fundamental changes to the original strategy are not anticipated. Please explain any changes.

	HECA strategy up to 31 March ‘03	No change since 1 April ‘03	Yes, changes since 1 April ‘03	New figures following changes since 1 April ‘03
a) Overall energy efficiency improvement identified	√	√		per cent
b) Number of years to implement the measures identified	√	√		Years
c) Total cost of implementation of all measures	√	√		£ Millions
d) CO ₂ reduction per annum as a result of all the measures identified	√	√		Tonnes per annum
e) Indicate the 1 April 1996 baseline energy use (in GJ) against which energy efficiency improvements are being measured	6,624,751	√		GJ

Reasons for any changes identified above:	
---	--

2. Are you monitoring changes in the energy efficiency of the housing stock in your area, in order to be able to report progress as required by HECA? YES NO

If you answered "Yes", please describe briefly:

- (a) the methodology used to monitor progress, listing the main data sources
- (b) how you are monitoring the success of activities designed to promote energy efficiency

If you answered "No", please give reasons.

Methodology used to monitor progress and success of information, advice, education and promotion activities

Progress is monitored using a 100% database of the dwellings within the District. Data is obtained from a variety of sources:

- a walk round stock condition survey of individual residential properties. Details collated include: age, build form, window type and glazing and presumed fuel used.
- free NHER surveys (level 1) carried out for those households which request them and want detailed dwelling specific energy rating, advice and grant information
- NHER level 0 surveys, which are carried out during, telephone inquiries or when residents visit the Council offices. While not as accurate in the provision of SAP ratings and energy usage, sufficient data is obtained to advise client on grant availability, the identification of energy efficiency measures, which are appropriate to that household and to calculate approximate energy usage. This type of survey is also used during promotions, either specific energy efficiency promotions or when attending local village/town fetes and green fairs.
- Information provided by local installers on the number and type of insulation or heating measures they have installed within the district, specifically within the private sector.
- information provided by the Powergen Warm Front Team on the measures installed in owner occupied homes vulnerable to fuel poverty within the district. Powergen and London Electric have provided information on the numbers of insulation measures installed within the district under their Energy Efficiency Commitment Schemes.
- grants provided by Huntingdonshire District Council (either home repair assistance or renovation grants) which had an energy efficiency component within the work carried out.
- Contact has been made with all housing associations (HA's) and registered social landlords (RSL's) who own property in the District regarding the energy efficiency improvements they have installed in their properties during the past year. Data has been received from several of these HA's and RSL's including an extensive list of improvements carried out by the largest RSL in the district, Huntingdonshire Housing Partnership (HHP).

Educational and promotional activities have been carried out in several wards within the district. A number of junior schools have been visited and assisted with on-going environment projects, which include energy efficiency in the home or in the school, such as the ECO Schools, programme or as part of a special 'Environment Week' programme. Other schools have been visited to provide them with assembly presentations and/or classroom activities that stand alone and are not part of a specific programme of work being carried out by the school. A range of activities have been developed which are suitable to a number of different age groups; such as story telling and badge making for the 7 to 8 year olds and the 'Home energy detective', and school energy review which are aimed at the older junior children.

All data provided by the installers, HA's and members of the public are entered onto an energy profiling database which allows the energy savings for each property to be calculated. These savings are added together as are those savings from measures, which cannot be directly attributed to an individual property (i.e. where there is insufficient data available to calculate a SAP rating) to give the annual savings in energy and CO₂.

The majority of the relevant data from the external stock condition survey has been imported onto the database and the Energy Efficiency Team are also working with Huntingdonshire Housing Partnership to provide them with property specific energy surveys, where appropriate, to compliment their stock condition survey and to identify those properties with low SAP ratings so that they can be brought up to the Decent Homes standard. As the database develops the Council will be able to provide a more accurate assessment of both the private and social housing stock. Other developments include the introduction of the Councils Geographical Information System (GIS) and the opportunities it provides in mapping the SAP ratings of properties in the District and in the future allowing the identification, visually, of areas of potential fuel poverty.

3. It is helpful for Defra to be able to judge the extent to which the HECAMON software (Version 3, issued by Defra in April 1999 and updated in April 2001) is used each year. Therefore, please would you indicate whether or not you used the software when collecting and collating the data to enable you to complete this form?

Postal Telephone Both HECAMON not used

4. Please briefly describe in part a) all activities that are specifically designed to assist in the development and achievement of your HECA strategy. Include:

- what you are doing as an authority to deliver information, advice, education and promotion in relation to energy efficiency to all households in your area, and who is involved (this may be external partners, or staff from another Department)
- joint activities with external partners, e.g. businesses or other local authorities
- if possible, the financial contribution from partners in the 2003/04 financial year
- confirmation if existing activities will continue

In part b) describe new activities you expect to **commence in the 2004/05 financial year.**

a) activities in 2003/04 financial year			
Activity	Who is involved?	Partners' contribution (£) in 2003/04	Will this continue into 2004/05?
Joint advertising in local press promoting Warm Front Mail shot to all recipients of Council Tax Benefit promoting warm front	Powergen Warm Front Managers Powergen Warm Front Managers	£300 £1200	Yes Yes
CFL Promotion CFL promotion at Energy Day in Ramsey Energy Efficient kettle promotion – Ramsey, St Ives Energy Efficiency Commitment (EEC)	Powergen, Anglia West EEAC Powergen Powergen Powergen/ British Gas/London Electricity	£1000 £500 £200 £107K worth of grants accessed by residents in district	Yes Yes Yes Yes
Promotions at local fairs and fetes	St Neots Green Fair	Nil – time only	Yes
Presentations/General promotional activities/strategy development/skill sharing	Hunts Blind Society Huntingdon Hear 4 U//Darby and Joan Clubs, Friendship Clubs Local church groups / Huntingdon Rotary/ Cambridgeshire Constabulary – Crime Prevention/ National Energy Action - Fuel poverty forum Anglia West energy advice centre Age Concern	Nil – time only	Yes
Cambridgeshire Constabulary Crime prevention Roadshow 'Stop-Chain-Check – closing the door on bogus callers' Providing Grant advice, CFLs and advice against unwanted fuel-swapping. Prize draw for kettles	Cambridgeshire Constabulary, Hunts forum for Carers . Powergen (CFLs' and Kettles)	Nil – time only Nil – time only	Yes Yes
Energy Efficiency Week	West Anglia EEAC, Sue Marchant from local BBC radio station for an energy efficiency week -roadshow Sainsbury's – Huntingdon Branch Surrounding Local District Councils partnership for advertising and greater impact during energy efficiency week	Allowed access to joint provision of prizes to gain wider publicity £750 per council	Yes
Advice to landlords on energy efficiency and EEC Directive on Energy Performance in Buildings (Energy Reports)	Small landlords' forum – a Council initiative	Nil	Yes
Specific advice on energy efficiency improvements for 'purchase and repair' properties. Articles and advertisements in Parish magazines	Huntingdonshire Housing Partnership	Nil Nil	Yes Yes

b) activities planned in 2004/05 and not mentioned in a) above			
Activity	Who is involved?	Partners' contribution (£) in 2004/05	Will this continue into 2005/06?
World Environment Day	Age Concern, local parish councils, Cambs Constabulary crime prevention, Warm Front	Time	Yes
Flu Inoculation/ Energy efficiency joint promotion.	Hunts PCT	Time	Yes
HEAT Cambridgeshire – utilising EEC funding for insulation - mail shot to all residents in the district.	Enact Energy Management, EDF, neighbouring district councils	EEC funding from EDF	Yes
HDC is to commission an internal stock condition survey of approx. 1000 homes for assessment of the Decent Homes Standard/ and fuel poverty.	External consultants are to be appointed		
Expansion of current work with Cambs Constabulary for crime prevention - 'Stop Chain Check' campaign as we often have the same target audience	Cambs Constabulary	Time	Yes
Articles in Parish magazines			

5. Please briefly describe below how you are taking forward a fuel poverty /affordable warmth strategy and advise on successes to date, key partner and anticipated future developments,

with a particular emphasis on private sector housing stock. If you do not have a fuel poverty/affordable warmth strategy, please say so below.

Please see attached appendix, giving an update to the Fuel Poverty Report of 2000

6. Please indicate below, for the period 1 April 2003 to 31 March 2004, the percentage improvement in energy efficiency recorded for each of the four housing sectors shown. In each case, please also indicate the resulting

annual reduction in CO₂ emissions and the costs involved. If you do not have the information available by sector, please ensure that you provide overall totals for each column in the table below.

Sector of housing	% improvement in energy efficiency achieved in 2003/04	Reduction in CO ₂ emissions 2003/04 (tonnes)	Cost of the measures in 2003/04	
			Cost to your authority £ millions	Overall cost £ millions
Total for each sector April 2003 to March 2004:				
Owner/Occupied	1.754	4880.23	#0.115	*0.213
Local Authority	N/A	N/A	N/A	N/A
Private Rented	Included in O.O	Included in O.O	N/A	N/A
Housing Associations	0.907	3569.37		†1.76
OVERALL TOTAL FOR HOUSING, APRIL 2003 TO MARCH 2004				
	2.66	8449.6	0.115	1.973
Any qualifying comments on the figures should be included here:				
<p>#The Authority's financial contribution to the installation of energy efficiency measures is expressed through grants such as Home Repair Assistance Loans and Renovation grants.</p> <p>Information regarding the private rented sector is included in the owner occupied data. From the information provided by the Powergen Warm Front Team, very few privately rented properties have had measures installed. As the information held on the energy database improves we hope to identify those properties, which are privately rented and attribute energy savings accordingly.</p> <p>*The value given in the overall cost includes the investment made through Council grants, Energy Efficiency Commitment funding from Powergen, British Gas and London Electric and the Warm Front Scheme funding from the Powergen Warm Front Team.</p> <p>† This value is based on the current investment programme by Huntingdonshire Housing Partnership (HHP), which owns 75% of the housing association properties in the District, together with valuations provided by a number of HA's with a small number of properties in the District. The renovation work HHP is carrying out includes a 5-year programme of window replacement, internal and external insulation and a significant investment boiler replacement and heating improvements</p> <p>Information was sought on energy efficiency from all housing associations active in the District (18 in total). Information, including property addresses, measures installed or copies of energy policies were received from a third of these associations. We aim to continue to build on these relationships in order to address issues of affordable warmth and help the organisations to provide effective energy efficiency advice to their tenants, as well as improving the quality of the information held, relating to the energy efficiency of the properties, in order to provide the associations with accurate energy profiles of their stock. We have already started to work with Huntingdonshire Housing Partnership, by providing energy surveys on a number of individual properties and advised on the measures required to bring those properties up to the target SAP rating of 60.</p> <p>Shortly after the calculation of this year's energy and CO₂ savings for the district, relevant data (age, build form etc.) from the external stock condition survey was transferred to the energy efficiency database. This data should significantly improve the accuracy of the future analysis of the stock.</p>				

7. Please indicate at (a) the annual improvement reported in each of the previous progress report periods and, at b) the overall progress recorded up to 31 March 2004. Please add any supplementary information below.

Please note that the figure entered at (b) will NOT be a sum of the figures entered at (a). Please see paragraph 21 of the accompanying guidance.

(a1) Progress reported between 1 April 1996 and 30 June 1997 (1 st progress report)	3.26 %
(a2) Progress reported between 1 April 1997 and 31 March 1998 (2 nd progress report)	1.14 %
(a3) Progress reported between 1 April 1998 and 31 March 1999 (3 rd progress report)	1.38 %
(a4) Progress reported between 1 April 1999 and 31 March 2000 (4 th progress report)	1.11 %
(a5) Progress reported between 1 April 2000 and 31 March 2001 (5 th progress report)	1.67 %
(a6) Progress reported between 1 April 2001 and 31 March 2002 (6 th progress report)	2.04 %
(a7) Progress reported between 1 April 2002 and 31 March 2003 (7 th progress report)	2.55 %
(a8) Progress reported between 1 April 2003 and 31 March 2004 (this progress report)	2.66 %
(b) Overall improvement in energy efficiency from 1 April 1996 to 31 March 2004	15.81 %

Any qualifying comments or supplementary information should be included here:
 Each year's percentage improvement is based on the original 1996 baseline value; no year on year correction to the baseline has been made. Therefore the overall improvement is the sum of previous years improvements

- Due to the on-going nature of the monitoring programme, it is likely that the annual percentage improvement is being under reported. There is continuing difficulty in obtaining information regarding DIY measures and the installation of new heating systems which means that despite improvements to our database and the importation of data from the external stock condition survey, there will always be an underestimation of the savings made.
- The savings made for 2003-04 have been calculated from information collected to populate the data base. Assumptions have been made, based on market research, regarding DIY insulation measures and information concerning the sale of new, more efficient white goods, provided to Optima by Datahouse Ltd which was submitted to and approved by the DETR (% improvement from the estimated data based on market research = 0.53%).
- Data provided from the Powergen EEC programme and the British Gas energy efficiency programme, was not address specific. The savings made from the measures installed were therefore apportioned in terms of fuel use and the resultant saving in CO₂ emissions, based on the national figures for fuel usage. As we continue to add to our energy database we hope in future to proportion fuel use within the district, which will improve the accuracy of the estimates.
- The increasing importance of the savings from buying more energy efficient white goods is recognised, particularly in light of the Energy Savings Trust's campaign of branding and promoting energy efficient appliances.
- The savings attributed to housing associations have been calculated based on the data provided to us by Huntingdonshire Housing Partnership, Hundred Houses Society, Nene Housing Society, Muir HA, Cambridge Housing Society, Axiom HA, Hanover HA and Guinness HA. These properties make up about 85% of housing association properties in the district. We will continue to work with the RSLs in order to improve the accuracy of reporting energy savings, to develop stock profiles for the associations, to provide them with quality energy efficiency advice, if necessary, regarding their stock and help to provide their tenants with energy efficiency advice.
- Data provided by FENSA via HDC's Building Control department has shown that in previous years the activity levels of the replacement window industry in the District has been significantly underestimated and this has lead to a major improvement in the assessment of the energy efficiency savings made in the District.

Before returning this form to your Government Office it must be authorised by the Chief Executive of your authority.

I confirm that I have seen and agreed this report of the progress made by this authority to implement its energy efficiency report as required under the Home Energy Conservation Act 1995.

Signature, Chief Executive

Name

Authority

date