

**HOME ENERGY CONSERVATION ACT 1995
ELEVENTH PROGRESS REPORT (2007)
FOR THE PERIOD 1 APRIL 2006 TO 31 MARCH 2007**



Please complete this form in full and submit it **no later than 30 November 2007**. For details of where to return it please see the covering letter. Before completing this form you should read the accompanying guidance.

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. Completing this section indicates that you have read the section of the accompanying guidance headed “Data Protection Act 1998 – Fair Processing Notice” (paragraphs 6-10), which gives details of Defra’s processing of the data that you have provided on this form.

Name	Andrew Kerrison		
Job Title	Senior Project Manager		
Authority	London Borough Waltham Forest / Ascham Homes		
Address	Town Hall		
	Forest Road		
	Walthamstow	Post Code	E17 4JF
Telephone	020 8520 1602	Fax	020 8520 1736
E-mail	Andy.Kerrison@aschamhomes.org.uk	Date	

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 2006. 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 2006 to 31 March 2007, 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 ‘06	No change since 1 April ‘06	Yes, changes since 1 April ‘06	New figures following changes since 1 April ‘06
a) Overall energy efficiency improvement identified	30	✓		per cent
b) Number of years to implement the measures identified	14	✓		Years
c) Total cost of implementation of all measures	221	✓		£ Millions
d) CO ₂ reduction per annum as a result of all the measures identified	193.98	✓		Tonnes per annum
e) Indicate the 1 April 1996 baseline energy use (in GJ) against which energy efficiency improvements are being measured	8496412	✓		GJ

Reasons for any changes identified above: It would be helpful if you could provide details of how development of your strategy has been taken forward.	
---	--

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

Codeman Stock condition database NHER Auto evaluator HECAMON
--

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. For both parts a) and b) it would be helpful if you could include details of how these activities address the following points:

- Obtaining corporate commitment / Integration of strategy with other council policies
- Any barriers and how these have been addressed
- Information, advice, education and promotion activities / Making grants and loans
- What linkages you have with energy efficiency schemes such as Energy Efficiency Commitment and Warm Front
- New and innovative approaches

In part b) describe new activities you expect to **commence in the 2007/08 financial year.**

a) activities in 2006/07 financial year			
Activity	Who is involved?	Partners' contribution (£) in 2006/07	Will this continue into 2007/08?
<p><u>Energy Efficiency Commitment Works (EEC2)</u></p>	Ascham Homes Ltd and	£100,000.00	Yes
	EDF	£17,603.76	
	NPower	£13,552.46	
	Scottish & Southern	£9,495.75	
<p><u>Warm Front Measures</u> In 2006/07 Warm Front Grants in Waltham Forest totalled £542,000. Delivering fully competent measures to 541 households. (see Eaga Partnership end of year report attached to this report)</p>	Eaga Partnership	£ 542,000	Yes
<p><u>North East London Energy Efficiency Advice Centre (NELEEAC)</u> The NELEEAC continues in its role as an impartial and free energy advice service to all residents. The borough currently has a SLA with them to promote the Affordable Warmth strategy. During 2006/07 the NELEEAC referred 134 properties for loft/cavity wall insulation and carried out minor repairs to 6 properties identified under the Better Neighbourhoods Initiative (BNI). The NELEEAC continues to organise road-shows and various promotional activities within the borough. (see NELEEAC Annual report)</p>	Ascham Homes Ltd EST	£16,000	Yes
<p><u>Priority Energy Efficiency Central Heating Scheme (PEECHS)</u> This Local Authority Support Programme, awarded grants totalling £5,500 in 2006/07. NELEEAC made 3 referrals for the PEECHS scheme which included installing full gas central heating systems to all. This number will be significantly improved for 2007/08.</p>	Ascham Homes Ltd and Thames Energy	£5,500	Yes

<p><u>Home Energy Efficiency Training (HEET)</u> In 2006/07 HEET installed energy efficiency and/or security measures to 426 homes in Waltham Forest. A total of 30 road-shows were conducted during 2006/07. These road-shows generated 100 potential referrals, with a total value of £30,000. (See HEET end of year report)</p>	<ul style="list-style-type: none"> • Ascham Homes Ltd • Safety Net • Better Neighbourhoods Initiative • LBWF Commissioning • ERDF • Age Concern • LBWF Green Charter 	<p>£44,526 £45,000 £30,000 £16,000 £5,615 £4,981 £4,320</p>	<p>Yes</p>
<p><u>GLEEN</u></p> <p>Loans for All During 2006/07 the scheme received numerous enquiries which resulted in four loan applications. Two of these applications were approved and paid out. The total value loaned was £4,181.13</p>	<p>Ascham Homes Ltd, GLEEN and Co-operative Bank</p>	<p>£4,181.13</p>	<p>Yes</p>
<p>HelpCo Tenant The number of voids nominated during 2006/07 was 289. This resulted in a total saving for residents of £3,613.00. Since the scheme began Waltham Forest has nominated 1450 voids, saving residents an estimated £31,525.00.</p>	<p>Ascham Homes Ltd, HelpCo and Scottish Power.</p>		<p>Yes</p>
<p><u>Waltham Forest Warm Zone</u></p> <p>During 2006/07 88 properties within Waltham Forest benefited from Warm zone grants. These measures included 68 heating installations and 68 insulation installations, with a total value of £277,000.</p>	<p>London Warm Zone Ltd</p>	<p>£277,00</p>	<p>Yes</p>

b) activities planned in 2007/08 and not mentioned in a) above			
Activity	Who is involved?	Partners' contribution (£) in 2007/08	Will this continue into 2008/09?
<p><u>EEC2</u> The Adhoc programme will continue to pick up properties missed in previous schemes.</p>	Ascham Homes Ltd and EDF, NPower and 'Scottish & Southern'.	£20,000	Yes
<p>Insulation measures will continue to be installed as part of the Decent Homes works.</p>	Apollo and Breyer Group	£50,000	Yes
<p><u>Airtight Sealant</u> A unique sealing system for reducing air infiltration in buildings with significant energy savings.</p>	Quattro Seal	£8,000	Yes
<p><u>Distribution of Compact Fluorescent Lamps</u> CFL's to be distributed to residents on low income for the purpose of saving energy.</p>	Powergen		Yes
<p><u>Energy Advice Sessions to Sheltered Accommodation</u> Together with NELEEAC, Ascham Homes are promoting energy awareness to elderly residents.</p>	NELEEAC		Yes
<p><u>Housing and Planning Climate Change working group.</u> Focusing on the Mayor of London 'Climate Change Action Plan' to reduce emissions and energy use.</p>	LBWF		Yes
<p><u>Sustainable Energy Feasibility Study</u> During 2006/07 a feasibility study will undertaken into the installation of sustainable energy to our current housing stock. A full technical specification will be produced along with detailed information on suitability and likely costs.</p>	Thames Energy	£8,000	Yes

5a. Does your authority have an affordable warmth/fuel poverty strategy?

YES NO

5b. If you answered 'no' to question 5a, do you have plans to develop an affordable warmth/fuel poverty strategy?

YES NO

5c. If you answered 'yes' to question 5a or 5b, please briefly describe below how you are taking forward or planning to take forward a fuel poverty/affordable warmth strategy and advise on successes to date, key partners and anticipated future developments, with a particular emphasis on private sector housing stock.

A revision of the strategy has been planned for 2007/8. This will ensure the continuing promotion of the Affordable Warmth Strategy through information, training and publicity. Waltham Forest Currently has an SLA held with NELEEAC to promote this strategy.

Referrals from front line social services staff and partnering staff continue to be made via the NELEEAC.

LBWF will continue to provide 'Top-ups' towards Warm Front work with a maximum amount of £500 per household.

The Priority Energy Efficiency Central Heating (PEECHS) scheme will continue into 2007/08, providing energy efficiency grants to priority households within the private sector.

The London Warm Zone will continue to work within Waltham Forest to carry out energy efficiency measures in 2007/08.

Future developments will continue to include partnership working with all energy efficiency agencies and the total eradication of fuel poverty.

6. Please indicate below, for the period 1 April 2006 to 31 March 2007, 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 2006/07	Reduction in CO ₂ emissions 2006/07 (tonnes)	Cost of the measures in 2006/07	
			Cost to your authority £ millions	Overall cost £ millions
Total for each sector April 2006 to March 2007:				
Owner/Occupied	0.88	3902	0.05	20.9
Local Authority	1.18	681	3.2	3.2
Private Rented	0.2	1517	0.02	1.4
Housing Associations	1.91	1294	0	3.0
OVERALL TOTAL FOR HOUSING, APRIL 2006 TO MARCH 2007				
	0.99	7394	3.25	28.6

Any qualifying comments on the figures should be included here:

TENURE / MEASURES					
Total Number of Properties	95,750				
		Owner / Occupied	Local Authority	Housing Associations	Private Rented
		73.23	11.10	10.66	5.00
Measures % from Hecamon	Properties Total>>>	70,122	10,630	10,209	4,788
Cavity Wall Insulation	3.19	2,237	339	326	153
Solid Wall Insulation	0.98	687	104	100	47
Loft Insulation 150mm or more	0.89	624	95	91	43
Double Glazing	4.05	2,840	431	413	194
Draught Stripping	0	0	0	0	0
Gas Fire Central Heating	0.76	533	81	78	36

CO ₂ REDUCTIONS				
Total Number of Properties	95750			
Average CO ₂	7,044 kg/year			
Total CO ₂	674,418,955 kg			
Tenure	Tenure Percentages	Total CO ₂ (kg)	CO ₂ Improvement Efficiency Percentages	Total CO ₂ Saved (tonnes)
Owner / Occupied	73.23	493,905,879	0.79%	3,902
Local Authority	11.10	74,872,830	0.91%	681
Housing Associations	10.66	71,907,500	1.80%	1,294
Private Rented	5.00	33,720,948	4.50%	1,517
		674,407,157	Total CO ₂ Saved (tonnes)	7,394

7. Please indicate at (a) the annual percentage improvement (i.e. the reduction in consumption in GJ based on standard occupancy reported in each of the previous progress report periods and, at b) the overall progress recorded up to 31 March 2007. 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 26 of the accompanying guidance.

(a1) Progress reported between 1 April 1996 and 30 June 1997 (1 st progress report)	2.10 %
(a2) Progress reported between 1 April 1997 and 31 March 1998 (2 nd progress report)	5.00 %
(a3) Progress reported between 1 April 1998 and 31 March 1999 (3 rd progress report)	1.18 %
(a4) Progress reported between 1 April 1999 and 31 March 2000 (4 th progress report)	0.51 %
(a5) Progress reported between 1 April 2000 and 31 March 2001 (5 th progress report)	1.56 %
(a6) Progress reported between 1 April 2001 and 31 March 2002 (6 th progress report)	1.79 %
(a7) Progress reported between 1 April 2002 and 31 March 2003 (7th progress report)	1.06 %
(a8) Progress reported between 1 April 2003 and 31 March 2004 (8th progress report)	0.55 %
(a9) Progress reported between 1 April 2004 and 31 March 2005 (9th progress report)	0.57 %
(a10) Progress reported between 1 April 2005 and 31 March 2006 (10th progress report)	1.50 %
(a11) Progress reported between 1 April 2006 and 31 March 2007 (this progress report)	0.99 %
(b) Overall improvement in energy efficiency from 1 April 1996 to 31 March 2007	16.18 %

Any qualifying comments or supplementary information should be included here:

ENERGY SAVED						
Total Gig joules used	98,560,000					
	Tenure Percentages	Energy per Tenure (GJ)	Energy Improvement Efficiency Percentages	Energy Saved (GJ)		
Owner / Occupied	73.23	72,179,708	0.88	635,181		
Local Authority	11.10	10,941,961	1.18	129,115		
Housing Associations	10.66	10,508,606	1.91	200,714		
Private Rented	5.00	4,928,000	0.2	9,856		
	100.00	98,558,276		974,867		
				Overall Energy Improvement Efficiency Percentage	0.99	
GIG JOULES REDUCTIONS						
Energy requirements at start of year	%Year reduction	Reduction	Energy requirements at end of year			Year
8,496,412	2.10	178,425	8,317,987	Data from consultants	96/97	
8,317,987	5.00	415,899	7,902,088	Data from consultants	97/98	
7,902,088	1.80	142,238	7,759,850	Data from consultants	98/99	
7,759,850	0.51	39,575	7,720,275	Hecamon data	99/00	
7,720,275	1.56	120,436	7,599,839	Hecamon data	00/01	
7,599,839	1.79	136,037	7,463,802	Hecamon data	01/02	
7,463,802	1.06	79,121	7,384,681	Hecamon data	02/03	
7,384,681	0.55	40,616	7,344,065	Hecamon data	03/04	
7,344,065	0.57	41,861	7,302,204	Hecamon data	04/05	
7,302,204	1.50	109,533	7,192,671	Hecamon data	05/06	
7,192,671	0.99	71,207	7,121,464	Hecamon data	06/07	
		1,374,948	Total Reduction			
		124,995	Ave Reduction			
Base GJ	8,496,412		2,548,924	Programmed Reduction (%)		
			1,173,975	Total remaining reduction		
Resultant Years Remaining		9.39		years		
0						

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

A rectangular box containing a handwritten signature in black ink. The signature appears to be 'R. Taylor' with a horizontal line above the name.

Name

Roger Taylor

Authority

London Borough of Waltham Forest

Date

05/11/2007