

Mr Andrew Palmer  
Strategic Housing Manager  
Dartford Borough Council  
Civic Centre, Homes Gardens  
Dartford, Kent  
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**Kent Area Team**  
**Housing & Communities**  
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08 July 2005

Our Ref:  
Your Ref:

Dear Andrew

### **Home Energy Conservation Act – 8<sup>th</sup> Progress Report**

Thank you for providing information on your fuel poverty/affordable warmth strategy. This has been passed on to Defra's Fuel Poverty Team.

The Secretary of State is pleased to have received the 8th round HECA report and appendix from the KEC that you submitted for Dartford Borough Council.

We are very impressed at the level of activities promoted in support of your HECA commitments. You seem to have an extremely comprehensive program in place and are working well with the KEC and other local authorities. We hope that your strategic analysis of potential sites for renewable energy and CHP reveals opportunities for future programs.

Thank you for providing a full breakdown of data in Q6. Despite your good progress, we feel that you are unlikely to reach your 26.9% target by 2006. We would therefore advise that you adjust your timescale towards the upper level stated in the Secretary of State's guidance (15 years). We are slightly mystified as to where your 14.72% overall total derives from. It would be very much appreciated if you could provide the full revised details of the expected savings in Q7 a 1-8 in the forthcoming report. Congratulations on all your achievements so far.

Thank you for providing information on your fuel poverty/affordable warmth strategy. This has been passed on to Defra's Fuel Poverty Team

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A copy of this letter has been sent to the Chief Executive of your Local Authority.

If you have any queries your contact at GOSE is Rosemary Wood  
([rosemary.wood@gose.gsi.gov.uk](mailto:rosemary.wood@gose.gsi.gov.uk) ).

Yours sincerely

**Clair Fisher**  
**Central Kent Locality Manager**

cc. Graham Harris  
Chief Executive

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**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.*

<i>The name and details given here will be taken by Defra as the HECA "lead officer" contact</i>			
<b>Name</b>	ANDREW PALMER		
<b>Job Title/Department</b> (as appropriate)	STRATEGIC HOUSING MANAGER		
<b>Authority</b>	DARTFORD BOROUGH COUNCIL		
<b>Address</b>	CIVIC CENTRE		
	HOME GARDENS		
	DARTFORD KENT	<b>Post Code</b>	DA1 1DR
<b>Telephone</b>	01322 343272	<b>Fax</b>	01322 343678
<b>E-mail</b>	andrew.palmer@dartford.gov.uk	<b>Date</b>	15 September 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	26.9	✓	-	- per cent
b) Number of years to implement the measures identified	10	✓	-	- Years
c) Total cost of implementation of all measures	135.5 million	✓	-	£ - Millions
d) CO <sub>2</sub> reduction per annum as a result of all the measures identified	29,150	✓	-	- Tonnes per annum
e) Indicate the 1 April 1996 baseline energy use (in GJ) against which energy efficiency improvements are being measured	3,142,880	✓	-	- GJ

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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**

1. HECA data gathering project (via the electoral registration scheme) :-  
 A self-completion energy questionnaire was distributed to approximately 25% of properties in the borough using the electoral registration mailing in August 2003. In total 8295 surveys were distributed, and a response rate of 3415 was achieved, thereby providing a return of 41.17%.

The survey asked householders about the heating and insulation currently in their property, as well as what measures they had installed in the previous twelve months. The returned surveys were processed using an optical scanner, and a data file was created in order to model the stock.

The demographic make-up of the survey returns, in terms of tenancy type and age of head of household, was then compared to the true picture in the borough using the census information. This allowed us to apply a weighting to each survey, which could be used in the calculations that followed, thus allowing the results to more accurately represent the borough.

Using NHER's Auto Evaluator, we calculated the current energy use and SAP based carbon dioxide emissions for each property, and summed the results to provide an overall figure for each tenure type in the borough.

We then used the responses to the questions regarding what measures householders had installed in the previous twelve months to create a data file representing what the stock was twelve months ago. Again, we calculated the energy use and SAP based carbon dioxide emissions for each property in the data file using NHER Auto Evaluator, and summed the results to provide an overall figure for each tenure type in the borough.

By comparing the first set of results against the second, we could then calculate the improvement over the twelve-month period. Finally, we were also able to use the responses to the questions regarding what measures householders had installed in the previous months to calculate the cost of measures.

The data set used in carrying out these calculations was comprised only of the surveys in which all questions concerning measures installed over the previous twelve months were answered, and excluded nonsensical responses.

As per DEFRA guidance in previous years, an additional 0.3% has been added to the energy efficiency improvement figure for each tenure type for behavioural changes.

2. Data from EAGA on Warm Front installations in the Borough.

3. Feedback from Kent Energy Centre.

4. Feedback from Creative Energy Network who are Managing the Kent Action to Save Heat Discount Scheme.

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5. Information supplied by local cavity wall insulation installers.
6. Records kept by the Council's Building Control Department.
7. Records of Local Authority grants via Grants Officer/Care and Repair.
8. Questionnaires sent out to residents. These are collected throughout the year from residents at various talks, displays and promotional activities e.g. Energy Efficiency Week.
9. Targeted mailings undertaken offering energy advice and recording the advice.
10. Statistical information received from electricity board on energy consumption.
11. Number of referrals to Warm Front and Warm Front plus.
12. General Telephone enquiries and visits from residents requiring information.
13. A stock condition survey of both the public and private sectors.
14. Advice packs were sent out to residents as a result of the HECA data-gathering project. These were targeted at residents eligible for Warm Front and Warm Front Plus. Residents were also advised of other housing grants available (e.g. renovation. HRA and Disabled Facilities Grants. K.A.S.H. etc)

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

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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?
1. Joint promotion of sustainability with Agenda 21 Officer.	All Directors of DBC.	N/A	Yes
2. Promotion of Energy Efficiency Group looking at Council owned buildings.	All Directors of DBC.	N/A	Yes
3. Updated energy advice page on the Council Web Site.	HECA Officer.	N/A	Yes
4. Promotion of energy awareness amongst staff e.g. completion of Home Energy Survey Forms during Energy Efficiency Week.	HECA Officer	Funded by HECA Budget	Yes
5. Articles in Dartford Borough News and "The Link" (tenants' newsletter) on energy awareness.	Borough News and all tenants.	N/A	Yes
6. Display in Civic Centre promoting energy efficiency initiatives.	HECA Officer.	N/A	Yes
7. Provision of tenant handbook to include Kent Energy Centre hotline Tel: number offering free advice.	All tenants.	N/A	Yes
8. Energy awareness talks to local community groups/organisations etc and newsletter.	Kent Energy Centre (KEC) and HECA Officer.	Funded by HECA Budget	Yes
9. Public Relations press releases to advertise/promote energy efficiency.	Internal P R Department and Kent Energy Centre.	N/A	Yes
10. Kent Energy Efficiency Partnership (KEEP), an active consortium of 13 Kent local authorities to develop and exchange ideas. KEEP have organised a number of events and displays throughout the year including the Kent County Show, as well as major issues such as setting up the Fuel Poverty and West Kent Healthy Homes Steering Groups. A steering group leads initiatives.	All Kent L.A.'s in partnership with the Kent Energy Centre.	Funded by HECA Budget	Yes
11. Kent Energy Centre. KEC continues to work with the Council to run promotions,	Part funded by EST and all members of KEEP. Project	For every £1 of Local	Yes

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<p>negotiate discounts, manage schemes, offer free advice, and help clients to access energy saving schemes/grants/discounts. They have also played a pivotal role in securing additional funding, particularly via the Energy Saving Trust's Innovation fund, for specific projects.</p>	<p>funding from HECA Action, London Electricity, N Power, and Energy Savings Trust.</p>	<p>Authority investment, the Kent Energy Centre levered in a further £16.19</p>	
<p>12. Care and Repair, The local Staying-Put Agency promotes Warm Front (Plus).</p>	<p>Dartford Borough Council and Moat Housing Group.</p>	<p>-</p>	<p>Yes</p>
<p>13. Energy Saving Trust (EST), Promotion of Warm Front, Solar PV Grants etc.</p>	<p>DBC/EST.</p>	<p>-</p>	<p>Yes</p>
<p>14. EAGA Ltd – Warm Front &amp; Warm Front Plus. Targeted mail shots to private property residents via Housing Benefits carried out August to September 2003. Eaga plan to carry out a further mailing to deprived areas in the borough.</p>	<p>DBC and EAGA and local installers.</p>	<p>-</p>	<p>Yes</p>
<p>15. Kent Action to Save Heat (KASH) scheme – discount scheme aimed at owner-occupiers for cavity wall insulation, loft insulation, and heating systems. A new discounted 'off the shelf' boiler scheme was also introduced and discounted rates for 'A' grade appliances added to the scheme. From April 2003, KASH leaflets have been sent out to all applicants for planning and Building Regulations approval. There were 2,390 referrals for this scheme 2003/2004 across Kent.</p>	<p>Energy Savings Trust (EST) grant</p>	<p>Negotiable with installers, further discounted by EDF /LEB by sum of £482,258 across Kent.</p>	<p>Yes</p>
<p>16. Kent County Show – 384 Survey forms completed/low energy light bulbs distributed.</p>	<p>All KEEP<sup>3</sup> members.</p>	<p>£200 per Local Authority</p>	<p>Yes</p>
<p>17. Energy Efficiency Week – display advice in Priory Shopping Centre, Dartford, from the Council's 'Talking Trailer' in High Street, Dartford and at the Leisure Centre, Swanscombe.</p>	<p>HECA Officer, KEC</p>	<p>Funded by HECA Budget</p>	<p>Yes</p>
<p>18. Working with Schools – in September 2003 all Key Stage 2 Schools were written to, offering them the Energy matters pack and/or an assembly related to energy efficiency. We also attended an Eco Schools Event in March 2004 and made a presentation to Teachers offering, Energy Matters, School Assemblies, Energy Efficiency themed Poster Competition and a chance to take part in a borough wide 'Solar Car Challenge'. One pack was sent out and one School assembly/Poster competition offer taken up prior to 31 March 2004. A further 5 Schools have requested assemblies/poster competition/Energy Matters pack since.</p>	<p>Energy Matters - KCC; all members of KEEP, Centre for Sustainable Energy, Kent Education Business Partnership, Create, Shell Education.</p> <p>Assembly/Poster competition- Kent Energy Centre, HECA Officer</p>	<p>Funded by HECA Budget</p>	<p>Yes</p>

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<p>19. Implementation of the Kent-wide Affordable Warmth Strategy. In February 2004, a working group was formed to conduct a review of the strategy; this is currently taking place.</p>	<p>Kent Energy Centre: all Kent L.A.'s; NEA; Social Services; CVS; Health Services; Groundwork; CAB; Age Concern; KCC Fuel Suppliers: The Children's Society; Care and Repair, Pensions Service and all Directorates of DBC.</p>	<p>Continue to develop partnerships and obtain sponsorship.</p>	<p>Yes</p>
<p>20. West Kent Healthy Homes Project – aimed at assisting asthma sufferers in West Kent to install energy efficiency measures and mechanical ventilation to their homes via discount schemes and grants. In October 2003, as a result of poor take up of this scheme, and its overlap on other projects, the Steering Group decided to wind down this project. Permission was sort to transfer the remaining funding to the Health Through Warmth and KASH Schemes, which offer similar measures.</p>	<p>West Kent local authorities. Kent Energy Centre, MASH (Medway Asthma Self Help Group), West Kent Health Authority, Primary Care Groups, health visitors and voluntary groups.</p>	<p>£160,000 grant from EST</p>	<p>No</p>
<p>21. EST's Local Authorities Support Programme funded two full time posts at the KEC, from August 2002. They have continued to offer free support to help Local Authorities comply with energy legislation and strategies. They have helped to increase the profile of energy conservation and tried to encourage a more strategic and sustainable approach to energy issues in all the Local Authorities. They held an Energy Awareness Seminar; 'Energy Conservation; The Future for Dartford' in October 2003. This was a successful event with Senior Officers and Members of the Council attending. LASP have fed into 44 strategies and corporate plans across Kent, held 15 partnership building events; including presentations to planners and architects and social housing providers across Kent. They had also made 13 external funding bids to bring in national funding to Kent, including a successful bid for monies from the EST's Innovation Programme to conduct a feasibility study of an energy accreditation scheme for private properties for KEEP.</p>	<p>Kent Energy Centre (KEC), Kent local authorities</p>	<p>£70,000 for 2003/4</p>	<p>Yes</p>
<p>22. The Health through Warmth project provides staff to set up and run a training and referral system for health and social care professionals and Local Authority visiting staff. The Project aims to assist households whose health is being adversely affected by their living conditions. The project moved into Dartford in the Spring of 2003, with training sessions in June 2003. During 2003/2004, 237 referrals had been made across Kent, with 20 in the borough.</p>	<p>Kent Energy Centre, Kent Local Authorities, Health and Social Services.</p>	<p>In 2003 N Power provided £64,750 of funding and in 2004 funding will be £89,750.</p>	<p>Yes</p>

<p>19. Implementation of the Kent-wide Affordable Warmth Strategy. In February 2004, a working group was formed to conduct a review of the strategy; this is currently taking place.</p>	<p>Kent Energy Centre: all Kent L.A.'s; NEA; Social Services; CVS; Health Services; Groundwork; CAB; Age Concern; KCC Fuel Suppliers: The Children's Society; Care and Repair, Pensions Service and all Directorates of DBC.</p>	<p>Continue to develop partnerships and obtain sponsorship.</p>	<p>Yes</p>
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<p>Training has now also been extended to include Community Groups.</p>			
<p>23 Sun Rise: Solar water heating discount scheme. This has continued to be marketed and has now been included in the new KASH leaflet too. There will be a marketing push of this scheme at the Kent County Show in July 2004. There have been 150 installations since the schemes launch in April 2003.</p>	<p>Kent Energy Centre, Kent Local Authorities.</p>	<p>Negotiable Discount with installers Grants may be available from Clear skies.</p>	<p>Yes</p>
<p>24 Temple Hill Healthy Living Project: a project, launched in March 2003, based on a local, housing estate, to promote healthy living through support, education and preventative measure. The project is linked to the building of a new Healthy Living Centre. We continued to work in this area to promote energy efficiency. A 'One Year on' event is due to be held in April 2004 at which there will be an energy efficiency stand with a competition being run for children. A mailing is planned in May 2004 to all householders in the Temple Hill area, offering free advice and information relating to energy conservation. In September 2004, a visit to the local Primary School is arranged (see 18).</p>	<p>Groundwork Trust Thameside, Kent Energy Centre, HECA Officer, Community Services Directorate, Dartford &amp; Gravesham Primary Care Trusts.</p>	<p>Project funded by Dartford Borough Council and Dartford, Gravesham, Swanley PCT Totalling £100,000 over 5 years from 2002</p>	<p>Yes</p>
<p>25 Talking Trailer: The Council has purchased a trailer to tour the borough carrying out promotions/consultations etc. We have continued to use this to promote energy efficiency in the borough.</p>	<p>HECA Officer, Kent Energy Centre, Groundwork Trust Thameside.</p>	<p>Funded by HECA Budget</p>	<p>Yes</p>
<p>26. Energy Net: The Kent Energy Centre is " part of the Kent's Connects Programme which runs a range of schemes to improve public access to services. Kent County Council manages the programme. The KEC has secured funding for Energy Net project, as part of the Kent Connect Project. The site was running from October 2003 and provides up to date and constantly available energy efficiency information 'at the click of a button'. By the end of March 2004 there had been 12,071 visitors to the site, 5,000 of these completed the grant finder section and 1,000 completed a home energy check.</p>	<p>Funding from the Treasury Invest To Save Project, Kent Energy Centre, Kent County Council</p>	<p>£148,013 from the Treasury</p>	<p>Yes</p>
<p>27. Private Rented Sector Housing; We have continued in our attempts to promote energy conservation to this sector. The Kent Energy Centre made a successful bid to the Energy Saving Trust's (EST) Innovation Fund to run a 6 month feasibility study from February 2004 of <b>Energy House Points</b>. The project will work with Local Authorities, Landlords and Lettings Agencies to establish a Kent wide</p>	<p>HECA Officer, Houses in Multiple Occupation Officer, Kent Energy Centre, Southern Private Landlords Association</p>	<p>Funded by EST Innovation Fund</p>	<p>Yes</p>

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<p>23 Sun Rise: Solar water heating discount scheme. This has continued to be marketed and has now been included in the new KASH leaflet too. There will be a marketing push of this scheme at the Kent County Show in July 2004. There have been 150 installations since the schemes launch in April 2003.</p>	<p>Kent Energy Centre, Kent Local Authorities.</p>	<p>Negotiable Discount with installers Grants may be available from Clear skies.</p>	<p>Yes</p>
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<p>private sector energy accreditation scheme to stimulate the uptake of energy efficiency measures and advice in private rented properties. The HECA officer and HMO Officer from Dartford Council sit on the Steering Group for this initiative. Private Landlord's in Kent are being contacted to gauge how this group could be effectively targeted for energy savings. The information will be used to design a scheme that will include measures, fiscal incentives, accreditation and marketing methods. Incentives being considered include offering loans, discounts or grants to Landlords to install energy saving measures. A presentation will be made to the Dartford &amp; Gravesham Landlord's Forum in April 2004 to outline the scheme. Proposals for a Dartford Borough Council, Private Rented Property Accreditation Scheme are due to be presented to Cabinet in May 2004. The proposals include an energy efficiency criteria and it is hoped that this scheme and the Energy House Point Project will 'dovetail' with one another. A Landlord's Roadshow is planned for June 2004 to promote the Accreditation Scheme and Energy Efficiency.</p>			
<p>28. Promotion of energy efficiency to Members and Senior Officers; Cabinet Report June 2003, profile raising event run with LASP Officer held in for October 2003. Information in 'Members Bulletins' and a further Cabinet Report planned for September 2004.</p>	<p>HECA Officer, Kent Energy Centre</p>	<p>Funded by HECA Budget</p>	<p>Yes</p>
<p>29. A training workshop for internal staff and partners e.g. Groundwork Trust Thames side and Moat Care &amp; Repair was held in April 2003. This was run by National Energy Services.</p>	<p>HECA Officer, Kent Energy Centre, National Energy Services</p>	<p>Funded from HECA Budget</p>	<p>Yes</p>
<p>30. Kent Watermills Hydro Project: KEC staff are currently identifying feasible sites to install small hydro-electric turbines, in order to produce renewable energy. Staff will assist mill owners with support and information to help them with installation. So far, over 120 possible sites have been located and work will continue on this project 2004/2005.</p>	<p>CEN, KEEP, Kent Energy</p>	<p>£2000 from GOSE</p>	<p>Yes</p>
<p>31. Information sheets have now been produced for the public on renewables such as solar hot water and Photovoltaic Solar Power.</p>	<p>HECA Officer, Kent Energy Centre.</p>	<p>Funded by HECA Budget</p>	<p>Yes</p>
<p>32 Using the information we hold, targeted mailings have been sent in order to encourage householders to invest in measures. For example, mailings have</p>	<p>HECA Officer, Kent Energy Centre, EST, CEN</p>	<p>Funded from HECA Budget</p>	<p>Yes</p>

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<p>been sent to householders known to have an old boiler, inadequate insulation etc; letters will be sent in July 2004 to properties with a SAP rating of less than 20; letters are planned to be sent in May 2004 to two 'deprived wards' and in April 2004 the EST will be writing to known households who have unfilled cavity walls. This will be in conjunction with a two day roadshow to be held in a local shopping centre.</p>			
<p>34. We have continued to try to engage partnerships with local companies, businesses and organisations. For example, contact was made with all the local DIY Stores and we have now forged a relationship with our local B &amp; Q Store. In November 2003, letters were sent to all local Estate Agencies advising of grants and discounts for energy saving measures available and asking if they would display some information leaflets relating to these in their Offices. One local agency has agreed to do this. We have continued to work closely with Groundwork Trust Thameside to work in specific deprived areas with their Community Development Workers. For example, we held an advice surgery in Swanscombe's 'Tuesday Café' run by Groundwork. A meeting is arranged with the Health Promotions Officer for the local Primary Care Trust to discuss working jointly to further promote affordable warmth, particularly to spread the information to local HAT's and HIMP's. We have been permitted to hold a Roadshow in the foyer of our local Hospital during Energy Efficiency Week 2004. A Multi Agency Roadshow was organised and run by the HECA Officer in February 2004 in a local shopping centre. Also present was the Pensions Service, Job Centre Plus and Moat Housing Group, Care and Repair Team.</p>	<p>HECA Officer, Groundwork Kent Thameside, Kent Energy Centre, local Estate Agencies and DIY stores</p>	<p>Funded from HECA Budget</p>	<p>Yes</p>
<p>35. Dartford Festival: A display stand was manned and advice offered at this two-day event to be held in July 2003 in the town's Central Park.</p>	<p>HECA Officer, Kent Energy Centre</p>	<p>Funded by HECA Budget</p>	<p>No</p>
<p>36. Fridge Savers This scheme funded by N Power and Currys was relaunched in the Winter of 2003 and offers 'A' rated fridges and fridge/freezers at the price of £50 and £75 respectively to households in receipt of certain means tested benefits who have a working appliance, but which is inefficient.</p>	<p>N Power, Currys</p>	<p>50,000 appliances available countrywide</p>	<p>Yes</p>

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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?
<p>1. Produce a new Energy Efficiency Strategy for Dartford Borough Council. We had intended to write this strategy last year, however, because of the new Sustainable Energy Act being passed, it was decided to wait until its implications were known, before commencing this work.</p>	<p>HECA Officer, LASP Officer, Housing Strategy Manager, Kent Energy Centre</p>	<p>-</p>	<p>Yes</p>
<p>2. <b>Solar Car Challenge</b> In July 2004, the Dartford Solar Car Challenge will be held with four schools taking part in a 'Best Dressed' and 'Fastest Car' categories. Pfizer and GOSE mainly financed the Challenge, with a small contribution made from the annual HECA budget. The challenge will provide a fun way for children to understand the principles of solar power. It also raises awareness of renewable energy and climate change. Pupils have to construct and modify a solar car from a kit using written instructions, which will also teach them about engineering, science and graphic design. It is hoped that the competition will also run next year, with more schools taking part, if funding can be secured.</p>	<p>HECA Officer, Kent Energy Centre, Pfizer, GOSE</p>	<p>£325 from HECA Budget £5000 from Pfizer £1000 from GOSE</p>	<p>Yes</p>
<p>3. In March 2004, CEN secured £15000 of funding for Kent, from the Energy - Savings Trust for the "<b>Hot Spots Project</b>". The scheme will collect and geographically correlate existing databases in order to identify neighbourhoods where response to the marketing of energy efficiency measures is likely to be high. Based on these findings, a number of Hotspots will be chosen. A strategy will be written, including a marketing strategy, estimates of the efficiency of the marketing and SAP rating improvements. CEN have decided that Dartford should be the first borough that the Hot Spot project will be studying.</p>	<p>CEN, HECA Officer</p>	<p>£15000 from Energy Saving Trust</p>	<p>Yes</p>
<p>4. CEN/KEC were also successful in a bid to N Power for funding for the <b>Kent Community Action Partnership</b>. The project will organise and run multi-agency advice surgeries throughout the county with an emphasis on health issues.</p>	<p>CEN/KEC, HECA Officer</p>	<p>£10,000 From N Power</p>	<p>Yes</p>
<p>5. <b>'Warm Zone Project'</b> Using the</p>	<p>HECA Officer, KEC</p>	<p>Monies from</p>	<p>Yes</p>

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?
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<p>5. <b>'Warm Zone Project'</b> Using the</p>	<p>HECA Officer, KEC</p>	<p>Monies from</p>	<p>Yes</p>

<p>findings of the Hot Spot Project, we plan a 'mini warm zone' project. A small area, such as one street which has been found to be energy inefficient, will be targeted. A surveyor from KEC will offer residents a free inspection of their home, give advise about measures, grants and discounts they may be eligible for, and even make referrals for them</p> <p>6. CEN/KEC plan to make bids for funding to the Innovation Fund for the following projects:</p> <p><b>Company Leaders Project</b> – this aims to work closely with companies to 'piggyback' on their market and employee base to reach a new market for promoting energy efficiency measures. It hopes to promote energy efficiency to customers and employees of businesses by co-branding and other types of partnership working. This will be a feasibility study to research potential partnerships, develop approaches to potential partners, and customise schemes designed for the particular partnerships. We will support the bid and have offered to take part in a pilot study, to promote energy efficiency information etc to employees at Dartford Borough Council.</p> <p><b>A strategic analysis of energy efficiency and renewable energy potential in social housing in Kent</b> - this project would work with Housing Associations and Local Authorities to map and identify sustainable energy measures appropriate for different properties within their housing stock. It will enable an efficient assessment of a large amount of Kent's housing stock for its potential to use renewable energy. It will also check that the HA or LA stock is maximising its use of Energy Efficiency Commitment.</p> <p><b>A bid to support development of Kent's mini-Combined Heat and Power (CHP) project</b> - the funding would enable CEN to provide an 'Energy Services Contract' (i.e. removing capital barriers and risk) to a greater number of clients. The feasibility of a number of sites in Kent will be assessed for mini CHP schemes and CEN would work with contractors to increase the number of trained installers in Kent.</p>	<p>CEN/KEC, HECA Officer</p>	<p>HECA Budget</p>	
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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.

Following our Fuel Poverty report submitted with the 4<sup>th</sup> HECA Progress Report, the Kent Energy Efficiency Partnership (KEEP) decided to work in Partnership to produce a Kent-wide Fuel Poverty Strategy.

In July 2000, KEEP established a Steering Group comprising of 6 KEEP members and representatives from East and West Kent Health Authorities, Kent Social Services and the Kent Energy Centre. The aim of the Steering Group was to drive the development of a Health and Affordable Warmth Strategy for the County of Kent (KHAWS). The NEA and Transco provided support and funding for this project.

Following a series of consultative seminars and workshops held Kent wide, the Kent Health and Affordable Warmth Strategy was launched in November 2001.

The six main aims of the strategy are:

- Aim 1* To establish a coordinating mechanism to oversee the continuing development, delivery and review of the Strategy
- Aim 2* To ensure that the Strategy is integrated with other relevant national and local initiatives and strategies
- Aim 3* To raise awareness of fuel poverty and to promote the Strategy in Kent
- Aim 4* To work towards ensuring that the housing stock is capable of delivering affordable warmth
- Aim 5* To promote benefits awareness and take up with the aim of maximizing the income of vulnerable and socially excluded residents
- Aim 6* To establish a single referral system

Working in partnership, KEEP have achieved the following:

- Aim 1* The formation and maintenance of a core Steering Group and a number of sub groups, each tackling aims of the Strategy. The Steering Group consists of Kent Energy Centre (member and secretariat), Primary Care Trust representatives, Social Services, Home Improvement Agency staff, Pensions Service representatives, Local Authorities and GOSE.
- Aim 2* The Strategy have been listed and referred to in a number of local strategy documents and partnerships, including health improvement plans, housing strategies, Kent County Council's Environmental Strategy and Social Services Charters for long-term care. To date 20 strategies/plans across Kent now refer to fuel poverty/affordable warmth these include some community strategies and Local Authority strategies.
- Aim 3* Awareness raising of fuel poverty and promoting of the Strategy has been ongoing countywide; though a number of seminars by the Kent Energy Centre for key staff, including Councillors and Senior Officers and through the training sessions carried out under the Health Through Warmth Scheme. Through partnership working with the Kent & Medway Strategic Health Authority, 270,000 information sheets were distributed to the over 65s with their flu jab mailing. The primary message of the sheet was keep warm and well, with a secondary message to call Kent Energy Centre for energy advice. This exercise generated approximately 1000 calls and will be repeated this year.
- Aim 4* Local promotional work includes road shows, articles in Borough publications and local papers, displays etc. The Kent Energy Centre has continued to promote grants and discounts widely and have worked with local authorities and housing associations to ensure that the existing housing stock is being improved. The Energy House Points project will help to encourage private Landlords to improve their properties. The main steering group is now part of the Kent Design Steering Group, looking at influencing new developments to ensure energy efficiency is seriously considered at the design and planning stages.
- Aim 5* The Pensions Service are members of the KHAWS Steering Group. Multi agency events have been carried out in some parts of Kent, including Dartford. The Kent Community Action Partnership will run a programme of multi agency events across the county this winter.

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.

Following our Fuel Poverty report submitted with the 4<sup>th</sup> HECA Progress Report, the Kent Energy Efficiency Partnership (KEEP) decided to work in Partnership to produce a Kent-wide Fuel Poverty Strategy.

In July 2000, KEEP established a Steering Group comprising of 6 KEEP members and representatives from East and West Kent Health Authorities, Kent Social Services and the Kent Energy Centre. The aim of the Steering Group was to drive the development of a Health and Affordable Warmth Strategy for the County of Kent (KHAWS). The NEA and Transco provided support and funding for this project.

Following a series of consultative seminars and workshops held Kent wide, the Kent Health and Affordable Warmth Strategy was launched in November 2001.

The six main aims of the strategy are:

- Aim 1* To establish a coordinating mechanism to oversee the continuing development, delivery and review of the Strategy
- Aim 2* To ensure that the Strategy is integrated with other relevant national and local initiatives and strategies
- Aim 3* To raise awareness of fuel poverty and to promote the Strategy in Kent
- Aim 4* To work towards ensuring that the housing stock is capable of delivering affordable warmth
- Aim 5* To promote benefits awareness and take up with the aim of maximizing the income of vulnerable and socially excluded residents
- Aim 6* To establish a single referral system

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Aim 6 The Health Through Warmth and Energy Net projects have been set up to aid the establishment of a single referral mechanism, Kent are now recognised as being the leader in tackling fuel poverty in the southeast. To date 850 frontline staff from health, social care, local authority, and voluntary sector have been trained as referrers and 450 referrals have been received.

The KHAWS Steering group met in January 2004 and it was agreed that the current strategy needed updating. It was felt that some of the data and reference documents are now out of date. There is also new legislation/research which needs to be considered. In addition, it was felt that current achievements should be recorded, lessons learnt outlined, and targets revised. As a result, a working group has been formed to conduct this review, with consultation to all parties involved, including telephone interviews and a Workshop/Discussion Meeting to be held in July 2004.

The Private Sector Stock Condition Survey 2001 examined how energy efficiency in the Borough might be improved. This together with stock profiling reports has informed the development of the Council's Private Sector Housing Renewal Strategy, which was completed in July 2003.

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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 CO<sub>2</sub> 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 <sub>2</sub> emissions 2003/04 (tonnes)	Cost of the measures in 2003/04	
			Cost to your authority £ millions	Overall cost £ millions
<b>Total for each sector April 2003 to March 2004:</b>				
Owner/Occupied	1.6	2534	0.02	5.8
Local Authority	1.8	423	3.83	1.2
Private Rented	0.8	110	0.0	0.3
Housing Associations	1.5	59	-	0.4
<b>OVERALL TOTAL FOR HOUSING, APRIL 2003 TO MARCH 2004</b>				
	* 1.5	3126		7.6

Any qualifying comments on the figures should be included here:

\* includes 0.3% for behavioural change

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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 <sup>st</sup> progress report)	N/A	%
(a2) Progress reported between 1 April 1997 and 31 March 1998 (2 <sup>nd</sup> progress report)	N/A	%
(a3) Progress reported between 1 April 1998 and 31 March 1999 (3 <sup>rd</sup> progress report)	N/A	%
(a4) Progress reported between 1 April 1999 and 31 March 2000 (4 <sup>th</sup> progress report)	* 1.31	%
(a5) Progress reported between 1 April 2000 and 31 March 2001 (5 <sup>th</sup> progress report)	** 2.69	%
(a6) Progress reported between 1 April 2001 and 31 March 2002 (6 <sup>th</sup> progress report)	1.6	%
(a7) Progress reported between 1 April 2002 and 31 March 2003 (7 <sup>th</sup> progress report)	* 1.2	%
(a8) Progress reported between 1 April 2003 and 31 March 2004 (this progress report)	* 1.5	%
(b) Overall improvement in energy efficiency from 1 April 1996 to 31 March 2004	*** 14.72	%
Any qualifying comments or supplementary information should be included here:		
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**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.

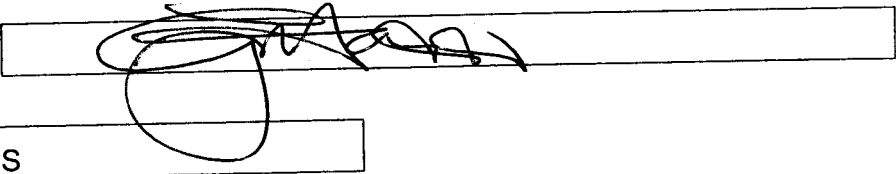
Signature, Chief Executive 

Name

Authority  date

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Signature, Chief Executive		
Name	GRAHAM HARRIS	
Authority	DARTFORD BOROUGH COUNCIL	date 17.9.04