Section I: FUEL BILLS

I-1 In this interview you have told me how your household uses energy. In addition, we would like to find out how much [ENTER THE FUELS THAT THE HOUSEHOLD USES] you actually used in the past year.

Getting that information directly from your energy suppliers would add to the data you've given me and improve our forecasts of energy consumption. I will want to collect information about all of your energy accounts. You'll probably want to get any recent bills that were sent to you by your suppliers to help with these questions. If it is alright with you, I can copy the bills directly into my computer.

I-2 [If PELHEAT=Yes or PELHOTWA=Yes or PELCOOK=Yes or PELAC=Yes or PELLIGHT=Yes] ELBILLTOSCAN Do you have a recent electric bill that I can scan into my computer?

Yes.......................................... 1
No ............................................ 0

I-2a [IF ELBILLTOSCAN=YES] ELSUPPNAM ELSUPPACCTNUM Thank you. I will scan this bill and any others you may have at the end of this interview. INTERVIEWER INSTRUCTION: ENTER THE SUPPLIER’S NAME, THE ACCOUNT NUMBER, THE PERSON TO WHOM THE BILL IS ADDRESSED, AND THE SUPPLIER’S ADDRESS AND TELEPHONE NUMBER AS THEY APPEAR ON THE BILL THE RESPONDENT JUST GAVE YOU.

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________
Street _____________________________________________________
City _______________________________________________________
State __________________________________ ZIP Code ___________
Area Code______Telephone Number ____________________________

I-2b [If ELBILLTOSCAN=No] ELSUPPNAM ELSUPPACCTNUM What is the name and account number of your household’s electricity supplier and the name of the person to whom the bill is sent?

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________

I-2b1 What is the address and telephone number for that electricity supplier?

Street _____________________________________________________
City _______________________________________________________
State __________________________________ ZIP Code ___________
Area Code______Telephone Number ____________________________
I-3  
[If PGASHEAT=Yes or PGASHTWA=Yes or PUGCOOK=Yes or PUGOTH=Yes] NGBILLTOSCAN  Do you have a recent natural gas bill that I can scan into my computer?

Yes.......................................... 1  
No .......................................... 0

I-3a  [IF NGBILLTOSCAN=YES] NGSUPPNAM NGSUPPACCTNUM  Thank you. I will scan this bill and any others you may have at the end of this interview.  INTERVIEWER INSTRUCTION: ENTER THE SUPPLIER’S NAME, THE ACCOUNT NUMBER, THE PERSON TO WHOM THE BILL IS ADDRESSED, AND THE SUPPLIER’S ADDRESS AND TELEPHONE NUMBER AS THEY APPEAR ON THE BILL THE RESPONDENT JUST GAVE YOU.

Supplier Name ______________________________________________  
Account Number_____________________________________________  
Addressee__________________________________________________  
Street _____________________________________________________  
City _______________________________________________________  
State _____________________________ ZIP Code ___________  
Area Code_____ Telephone Number ____________________________

I-3b  [If NGBILLTOSCAN=No] NGSUPPNAM NGSUPPACCTNUM  What is the name and account number of your household’s natural gas supplier and the name of the person to whom the bill is sent?

Supplier Name ______________________________________________  
Account Number_____________________________________________  
Addressee__________________________________________________

I-3b1  What is the address and telephone number for that natural gas supplier?

Street _____________________________________________________  
City _______________________________________________________  
State _____________________________ ZIP Code ___________  
Area Code_____ Telephone Number ____________________________
I-4 [If LPGPAY=Yes] LPGBILLTOSCAN Do you have a recent bill from your [If NDIFLPCO>1 most-used] propane (bottled gas) supplier that I can scan into my computer?

Yes.......................................... 1
No ............................................ 0

I-4a [IF LPGBILLTOSCAN=YES] LPGSUPPNAM LPGSUPPACCTNUM INTERVIEWER INSTRUCTION: IF YOU HAVE NOT BY NOW MADE IT CLEAR TO THE RESPONDENT THAT THE BILLS WILL BE SCANNED AT THE END OF THE INTERVIEW, THEN READ THIS STATEMENT: Thank you. I will scan this bill and any others you may have at the end of this interview. INTERVIEWER INSTRUCTION: ENTER THE SUPPLIER’S NAME, THE ACCOUNT NUMBER, THE PERSON TO WHOM THE BILL IS ADDRESSED, AND THE SUPPLIER’S ADDRESS AND TELEPHONE NUMBER AS THEY APPEAR ON THE BILL THE RESPONDENT JUST GAVE YOU.

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________
Street _____________________________________________________
City _______________________________________________________
State ___________________________ ZIP Code ___________
Area Code_____ Telephone Number __________________________

I-4b [If LPGBILLTOSCAN=No] LPGSUPPNAM LPGSUPPACCTNUM What is the name and account number of your household’s [If NDIFLPCO>1 most-used] propane (bottled gas) supplier and the name of the person to whom the bill is sent?

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________

I-4b1 What is the address and telephone number for that propane (bottled gas) supplier?

Street _____________________________________________________
City _______________________________________________________
State ___________________________ ZIP Code ___________
Area Code _____ Telephone Number __________________________
I-5 [If NDIFLPCO>1] LPGBILLTOSCAN2 Earlier you told me that [ENTER THE NUMBER OF COMPANIES THAT DELIVERED PROPANE (BOTTLED GAS)] different companies delivered propane (bottled gas) to your home in the past 12 months. Do you have a recent bill from [If NDIFLPCO=2 your other; If NDIFLPCO>2 the second most-used] propane (bottled gas) supplier that I can scan into my computer?

Yes ........................................ 1
No........................................... 0

I-5a [IF LPGBILLTOSCAN2=YES] LPGSUPPNAM2 LPGSUPPACCTNUM2 INTERVIEWER INSTRUCTION: IF YOU HAVE NOT BY NOW MADE IT CLEAR TO THE RESPONDENT THAT THE BILLS WILL BE SCANNED AT THE END OF THE INTERVIEW, THEN READ THIS STATEMENT: Thank you. I will scan this bill and any others you may have at the end of this interview. INTERVIEWER INSTRUCTION: ENTER THE SUPPLIER’S NAME, THE ACCOUNT NUMBER, THE PERSON TO WHOM THE BILL IS ADDRESSED, AND THE SUPPLIER’S ADDRESS AND TELEPHONE NUMBER AS THEY APPEAR ON THE BILL THE RESPONDENT JUST GAVE YOU.

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________
Street _____________________________________________________
City _______________________________________________________
State ___________________________ ZIP Code ___________
Area Code_____ Telephone Number __________________________

I-5b [If LPGBILLTOSCAN2=No] LPGSUPPNAM2 LPGSUPPACCTNUM2 What is the name and account number of your household’s [If NDIFLPCO=2 other; If NDIFLPCO>2 second most-used] propane (bottled gas) supplier and the name of the person to whom the bill is sent?

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________

I-5b1 What is the address and telephone number for that propane (bottled gas) supplier?

Street _____________________________________________________
City _______________________________________________________
State ___________________________ ZIP Code ___________
Area Code _____ Telephone Number _________________________
I-6  [If FOPAY=Yes]  FOBILLTOSCAN  Do you have a recent bill from your [If NDIFFOCO>1 most-used] fuel oil supplier that I can scan into my computer?

Yes........................................  1
No .........................................  0

I-6a  [IF FOBILLTOSCAN=YES]  INTERVIEWER INSTRUCTION: IF YOU HAVE NOT BY NOW MADE IT CLEAR TO THE RESPONDENT THAT THE BILLS WILL BE SCANNED AT THE END OF THE INTERVIEW, THEN READ THIS STATEMENT:  Thank you. I will scan this bill and any others you may have at the end of this interview.  INTERVIEWER INSTRUCTION: ENTER THE SUPPLIER'S NAME, THE ACCOUNT NUMBER, THE PERSON TO WHOM THE BILL IS ADDRESSED, AND THE SUPPLIER'S ADDRESS AND TELEPHONE NUMBER AS THEY APPEAR ON THE BILL THE RESPONDENT JUST GAVE YOU.

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________
Street _____________________________________________________
City ___________________________ ZIP Code __________
State ___________________________________ Telephone Number __________________

I-6b  [If FOBILLTOSCAN=No]  FOSUPPNAM  FOSUPPACCTNUM  What is the name and account number of your household's [If NDIFFOCO>1 most-used] fuel oil supplier?

Supplier Name ______________________________________________
Account Number_____________________________________________

I-6b1  What is the address and telephone number for that fuel oil gas supplier?

Street _____________________________________________________
City ______________________________________________________
State ___________________________ ZIP Code __________
Area Code _____ Telephone Number____________________________
I-7 [If NDIFFOCO>1] FOBILLTOSCAN2  Earlier you told me that [ENTER THE NUMBER OF COMPANIES THAT DELIVERED FUEL OIL] different companies delivered fuel oil to your home in the past 12 months. Do you have a recent bill from [If NDIFFOCO=2 your other; If NDIFFOCO>2 the second most-used] fuel oil supplier that I can scan into my computer?

Yes.......................................... 1
No ............................................ 0

I-7a [IF FOBILLTOSCAN2=YES] INTERVIEWER INSTRUCTION: IF YOU HAVE NOT BY NOW MADE IT CLEAR TO THE RESPONDENT THAT THE BILLS WILL BE SCANNED AT THE END OF THE INTERVIEW, THEN READ THIS STATEMENT: Thank you. I will scan this bill and any others you may have at the end of this interview. INTERVIEWER INSTRUCTION: ENTER THE SUPPLIER’S NAME, THE ACCOUNT NUMBER, THE PERSON TO WHOM THE BILL IS ADDRESSED, AND THE SUPPLIER’S ADDRESS AND TELEPHONE NUMBER AS THEY APPEAR ON THE BILL THE RESPONDENT JUST GAVE YOU.

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee________________________________________________
Street ________________________________
City ____________________________________________
State _____________________________ ZIP Code ___________
Area Code_____ Telephone Number _________________________

I-7b [If FOBILLTOSCAN2=No] FOSUPPNAM2 FOSUPPACCTNUM2 What is the name and account number of your household’s [If NDIFFOPCO=2 other; If NDIFFOPCO>2 second most-used] fuel oil supplier and the name of the person to whom the bill is sent?

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee________________________________________________

I-7b1 What is the address and telephone number for that fuel oil supplier?

Street ________________________________
City ____________________________________________
State _____________________________ ZIP Code ___________
Area Code_____ Telephone Number _________________________
I-8  
[If KERODEL=Yes] KEROBILLTOSCAN  Do you have a recent bill from your household’s [If NDIFKRCO>1 most-used] kerosene supplier that I can scan into my computer?

Yes........................................ 1
No ........................................ 0

I-8a  
[IF KEROBILLTOSCAN=YES] KEROSUPPNAM KEROSUPPACCTNUM  INTERVIEWER INSTRUCTION: IF YOU HAVE NOT BY NOW MADE IT CLEAR TO THE RESPONDENT THAT THE BILLS WILL BE SCANNED AT THE END OF THE INTERVIEW, THEN READ THIS STATEMENT: Thank you. I will scan this bill and any others you may have at the end of this interview.

Supplier Name ______________________________________________
Account Number_____________________________________________
Street _____________________________________________________
Addressee__________________________________________________
City _______________________________________________________
State _____________________________ ZIP Code ____________
Area Code_____ Telephone Number _________________________

I-8b  
[If KEROBILLTOSCAN=No] KEROSUPPNAM KEROSUPPACCTNUM  What is the name and account number of your household’s [If NDIFKRCO>1 most-used] kerosene supplier and the name of the person to whom the bill is sent?

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________

I-8b1  What is the address and telephone number for that kerosene gas supplier?

Street _____________________________________________________
City _______________________________________________________
State _____________________________ ZIP Code ____________
Area Code _____ Telephone Number _________________________
Earlier you told me that [ENTER THE NUMBER OF COMPANIES THAT DELIVERED KEROSENE] different companies delivered kerosene to your home in the past 12 months. Do you have any recent bills from [If NDIFKRCO=2 your other; If NDIFKRCO>2 the second most-used] kerosene supplier that I can scan into my computer?

Yes.......................................... 1  
No ............................................ 0

[IF KEROBILLTOSCAN2=YES] KEROSUPPNAM2  KEROSUPPACCTNUM2  INTERVIEWER INSTRUCTION: IF YOU HAVE NOT BY NOW MADE IT CLEAR TO THE RESPONDENT THAT THE BILLS WILL BE SCANNED AT THE END OF THE INTERVIEW, THEN READ THIS STATEMENT: Thank you. I will scan this bill and any others you may have at the end of this interview. INTERVIEWER INSTRUCTION: ENTER THE SUPPLIER'S NAME, THE ACCOUNT NUMBER, THE PERSON TO WHOM THE BILL IS ADDRESSED, AND THE SUPPLIER’S ADDRESS AND TELEPHONE NUMBER AS THEY APPEAR ON THE BILL THE RESPONDENT JUST GAVE YOU.

Supplier Name ______________________________________________
Account Number_____________________________________________
Addressee__________________________________________________
Street _____________________________________________________
City _______________________________________________________
State __________________________________ ZIP Code ___________
Area Code_____ Telephone Number ____________________________

[If KEROBILLTOSCAN2=No]  KEROSUPPNAM2  KEROSUPPACCTNUM2 What is the name and account number of your household's [If NDIFKRPCO=2 other; If NDIFKRCO>2 second most-used] kerosene supplier?

Supplier Name ______________________________________________
Account Number_____________________________________________

What is the address and telephone number for that kerosene supplier?

Street _____________________________________________________
City _______________________________________________________
State __________________________________ ZIP Code ___________
Area Code_____ Telephone Number ____________________________
INTERVIEWER INSTRUCTION: TAKE OUT THE YELLOW HOUSING UNIT NOTES/MEASUREMENTS BOOKLET FOR THIS HOUSING UNIT. CATI WILL TELL YOU THE CASE ID NUMBER FOR THIS HOUSING UNIT TO ENSURE THAT YOU USE THE CORRECT BOOKLET.

I-10 SIGNFORM Thank you for this information about your energy suppliers. So we can collect additional information from your fuel suppliers about the actual amounts of energy you use, would you please sign this authorization form that gives them your permission to give us that information?

INTERVIEWER INSTRUCTION: GIVE THE AUTHORIZATION FORM TO THE RESPONDENT AND RECORD WHETHER THE RESPONDENT SIGNED IT OR REFUSED TO SIGN.

Authorization Form Signed .................. 1
Authorization Form Not Signed ........... 0

I-11 KFUELOT Do any of your household fuel bills include charges for fuel used for some purpose other than for the personal use of the members of your household?

Yes................................................. 1
No ............................................. 0

I-11a [If KFUELOT=Yes] PURPOSE INTERVIEWER INSTRUCTION: PLACE SHOW CARD 26 IN FRONT OF THE RESPONDENT. Please look at Card 26. For which of the purposes listed are costs of fuel included in your household fuel bills? (Mark all that apply.) INTERVIEWER INSTRUCTION: PROBE, IF NECESSARY: Any others?

Farm buildings or machinery ................................................................. 1
The house or apartment of another household...................................... 2
A business or office ........................................................................... 3
Some use other than your own personal use? (Specify__________) .... 4

I-11b [If KFUELOT=Yes] BILLPUR Which fuel bills include costs of fuel used for purposes other than your own living quarters? Is it . . .

Natural gas (from underground pipes), ........ 1
Propane (bottled gas),.............................. 2
Fuel oil, ............................................. 3
Kerosene, or ........................................ 4
Electricity? ....................................... 5

I-11b1 [If BILLPUR=Natural gas] BILLUGP INTERVIEWER INSTRUCTION: PLACE SHOW CARD 2 IN FRONT OF THE RESPONDENT. Please look at Card 2. What portion of the natural gas bill is for non-household uses?

Very little (1-4%)........................................ 0
Some (5-33%).......................... 1
About half (34-66%)....................... 2
About three-quarters (67-95%)........ 3
Most of it (96-99%) ..................... 4

I-11b2 [If BILLPUR=Propane (bottled gas)] BILLLG  INTERVIEWER INSTRUCTION: PLACE SHOW CARD 2 IN FRONT OF THE RESPONDENT. Please look at Card 2. What portion of the propane (bottled gas) bill is for non-household uses?

Very little (1-4%)............................... 0
Some (5-33%)............................. 1
About half (34-66%)..................... 2
About three-quarters (67-95%)...... 3
Most of it (96-99%) ................... 4
I-11b3 [If BILLPUR=Fuel oil] BILLFOP  INTERVIEWER INSTRUCTION: PLACE SHOW CARD 2 IN FRONT OF THE RESPONDENT. Please look at Card 2. What portion of the fuel oil bill is for non-household uses?

- Very little (1-4%) ......................... 0
- Some (5-33%) ............................. 1
- About half (34-66%) ....................... 2
- About three-quarters (67-95%) .......... 3
- Most of it (96-99%) ....................... 4

I-11b4 [If BILLPUR=Kerosene] BILLKERP  INTERVIEWER INSTRUCTION: PLACE SHOW CARD 2 IN FRONT OF THE RESPONDENT. Please look at Card 2. What portion of the kerosene bill is for non-household uses?

- Very little (1-4%) ......................... 0
- Some (5-33%) ............................. 1
- About half (34-66%) ....................... 2
- About three-quarters (67-95%) .......... 3
- Most of it (96-99%) ....................... 4

I-11b5 [If BILLPUR=Electricity] BILLELP  INTERVIEWER INSTRUCTION: PLACE SHOW CARD 2 IN FRONT OF THE RESPONDENT. Please look at Card 2. What portion of the electric bill is for non-household uses?

- Very little (1-4%) ......................... 0
- Some (5-33%) ............................. 1
- About half (34-66%) ....................... 2
- About three-quarters (67-95%) .......... 3
- Most of it (96-99%) ....................... 4

I-12 For verification purposes, may I have your name, telephone number, and, if you have one, your e-mail address? My supervisor may want to contact you about your experience during this interview.

Name ____________________________________________________
Area Code _____ Telephone Number____________________________
e-mail Address______________________________________________

I-13 [If KOWNRENT=2 or 3 or KOWNCOND=1] LEASER  We may need some additional information about the fuels used in this building. May I have the name of the person or company to whom you pay rent or condominium/coop fees who is responsible for actually paying the [ENTER THE TYPES OF FUEL BILLS PAID] bills for this dwelling?

Name ____________________________________________________
Street ______________________________________________________
City _______________________________________________________
State ___________________________ ZIP Code ____________
Area Code _____ Telephone Number____________________________
I-13a [If TYPEHUQ=1, 4, OR 5] COMPLEXN  Does the complex or development where you live have a formal name?

Yes........................................  1
No .......................................  0

I-13a1 [If COMPLEXN=Yes] CPLXNAME  What is the name?

Name ______________________________________________

I-14 IVCOMMI INTERVIEWER INSTRUCTION: RECORD ANY INFORMATION HERE ABOUT THIS HOUSING UNIT’S FUEL BILLS THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT’S ANSWERS.

________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________