

## 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 \_\_\_\_\_  
State \_\_\_\_\_ ZIP Code \_\_\_\_\_  
Area Code \_\_\_\_\_ 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 NDIFFOCO>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. 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 \_\_\_\_\_  
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 \_\_\_\_\_

I-9 [If NDIFKR>1] KEROBILLTOSCAN2 **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 NDIFKR=2 your other; If NDIFKR>2 the second most-used] kerosene supplier that I can scan into my computer?**

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

I-9a [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 \_\_\_\_\_

I-9b [If KEROBILLTOSCAN2=No] KEROSUPPNAM2 KEROSUPPACCTNUM2 **What is the name and account number of your household's [If NDIFKR=2 other; If NDIFKR>2 second most-used] kerosene supplier?**

Supplier Name \_\_\_\_\_  
Account Number \_\_\_\_\_

I-9b1 **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)] **BILLLGP 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 \_\_\_\_\_

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I-13a [If TYPEHUQ=1, 4, 0R 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.**

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