

Section H: FUELS USED

H-1a [If USENG=Yes and USELP=Yes] USENGLPG **You have told me that you use both natural gas from underground pipes and propane (bottled gas) in your home. It's unusual for both of these fuels to be used in the same housing unit. Just to be sure, do you indeed use both natural gas and propane (bottled gas)?**

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

H-1a1 [If USENGLPG=No] NGLPGFU **Which one do you use, natural gas or propane (bottled gas)?**

Natural gas from underground pipes ..... 01  
 Propane (bottled gas) ..... 02

H-2 *USEEL USENG USELP USEFO USEKERO USEWOOD USESOLAR* **You have mentioned using [CAPI WILL LIST THE FUELS IDENTIFIED AS USED BY THE HOUSEHOLD]. Do you use [CAPI WILL LIST THE FUELS WHICH HAVE NOT BEEN IDENTIFIED AS USED BY THE HOUSEHOLD] as a fuel for any purpose in your home?**

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

H-2a [If Yes] **Which of these fuels do you use? INTERVIEWER INSTRUCTION: INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

Electricity ..... 05  
 Natural gas from underground pipes ..... 01  
 Propane (bottled gas) ..... 02  
 Fuel oil ..... 03  
 Kerosene ..... 04  
 Wood ..... 07  
 Solar ..... 08

H-2a1 [If Electricity is named] ELWARM *ELWATER* ELFOOD ELCOOL ELOTHER **How do you use electricity in your home? Do you use it for. . . . INTERVIEWER INSTRUCTION: INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

	<u>Yes</u>	<u>No</u>
<b>Heating your home</b> .....	1.....	0.....
<b>Air conditioning</b> .....	1.....	0.....
<b>Heating water</b> .....	1.....	0.....
<b>Cooking</b> .....	1.....	0.....
<b>Some other use</b> (Specify _____).....	1.....	0.....

H-2a2 [If Natural gas is named] UGWARM *UGWATER UGCOOK UGOTH* **How do you use natural gas in your home? Do you use it for. . . . INTERVIEWER INSTRUCTION:**

**INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

	<u>Yes</u>	<u>No</u>
Heating your home .....	1	0
Heating water .....	1	0
Cooking .....	1	0
Some other use (Specify _____).....	1	0

H-2a3 [If Propane (bottled gas) is named] LPWARM LPWATER LPCOOK LPGRILL LPOTHER **How do you use propane (bottled gas) in your home? Do you use it for. . . .**  
**INTERVIEWER INSTRUCTION: INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

	<u>Yes</u>	<u>No</u>
Heating your home .....	1	0
Heating water .....	1	0
Operating a cooking stove.....	1	0
Outdoor grill .....	1	0
Some other use (Specify _____).....	1	0

H-2a4 [If Fuel oil is named] FOWARM FOWATER FOOTHER **How do you use fuel oil in your home? Do you use it for. . . .**  
**INTERVIEWER INSTRUCTION: INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

	<u>Yes</u>	<u>No</u>
Heating your home .....	1	0
Heating water .....	1	0
Some other use (Specify _____).....	1	0

H-2a5 [If Kerosene is named] KRWARM KRWATER KROTHER **How do you use kerosene in your home? Do you use it for. . . .**  
**INTERVIEWER INSTRUCTION: INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

	<u>Yes</u>	<u>No</u>
Heating your home .....	1	0
Heating water .....	1	0
Some other use (Specify _____).....	1	0

H-2a6 [If Wood is named] WDWARM WDWATER WDOTHER **How do you use wood in your home? Do you use it for. . . .**  
**INTERVIEWER INSTRUCTION: INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

	<u>Yes</u>	<u>No</u>
Heating your home .....	1	0
Heating water .....	1	0
Some other use (Specify _____).....	1	0

H-2a7 [If Solar is named] SOLWARM SOLWATER SOLPOOL SOLOTHER **How do you use solar in your home? Do you use it for. . . .**  
**INTERVIEWER INSTRUCTION: INCLUDE ALL THAT APPLY. PROBE BY ASKING: Any others?**

	<u>Yes</u>	<u>No</u>
Heating your home .....	1.....	0.....
Heating water .....	1.....	0.....
Swimming pool heater .....	1.....	0.....
Some other use (Specify _____).....	1.....	0.....

H-3 [FOR EACH FUEL BY END-USE AS PREVIOUSLY IDENTIFIED BEING USED] PELHEAT PELHOTWA PELCOOK PELAC PELLIGHT PGASHEAT PGASHTWA PUGCOOK PUGOTH FOPAY LPGPAY **In the past 12 months was the [NAME THE FUEL USED] used for [NAME THE END-USE THE FUEL IS USED FOR] paid for by your household, included in the rent or condominium fee, or paid some other way?**

	<u>HH Pays All</u>	<u>All in Rent/Fee</u>	<u>Other Way</u>
Electricity for . . .			
Heating your home .....	1.....	2.....	3.....
Air-Conditioning .....	1.....	2.....	3.....
Heating water.....	1.....	2.....	3.....
Cooking.....	1.....	2.....	3.....
Lighting and Appliances.....	1.....	2.....	3.....
Natural Gas for . . .			
Heating your home .....	1.....	2.....	3.....
Heating water.....	1.....	2.....	3.....
Cooking.....	1.....	2.....	3.....
Other uses .....	1.....	2.....	3.....
Fuel Oil .....	1.....	2.....	3.....
Propane (bottled gas) .....	1.....	2.....	3.....

H-3a [If PELHEAT or PELHOTWA or PELCOOK or PELAC or PELLIGHT=3] OTHERWAYEL **You mentioned that some or all of the electricity used in your home was paid for in some other way. Who paid for that electricity? Was it . . .**

- A relative,.....1
- A rental or condominium agent, or .....2
- Was it paid by some other party? .....3

H-3b [If PGASHEAT or PGASHTWA or PUGCOOK or PUGOTH =3] OTHERWAYNG **You mentioned that some or all of the natural gas used in your home was paid for in some other way. Who paid for that natural gas? Was it . . .**

- A relative,.....1
- A rental or condominium agent, or .....2
- Was it paid by some other party? .....3

H-3c [If FOPAY=3] OTHERWAYFO **You mentioned that the fuel oil used in your home was paid for in some other way. Who paid for that fuel oil? Was it . . .**

- A relative,.....1
- A rental or condominium agent, or .....2
- Was it paid by some other party? .....3

H-3d [If LPGPAY =3] OTHERWAYLPG **You mentioned that the propane (bottled gas) used in your home was paid for in some other way. Who paid for that propane (bottled gas)? Was it . . .**

- A relative,.....1
- A rental or condominium agent, or .....2
- Was it paid by some other party? .....3

**INTERVIEWER INSTRUCTION: IF OCCUPYY=2005 AND OCCUPYM>MARCH, GO TO QUESTION H-8.**

H-4 [If USELP=Yes] LPGDELV **Is propane (bottled gas) delivered to your home?**

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

H-4a [If LPGDELV=Yes] NDIFLPCO **How many different companies delivered propane (bottled gas) to you in the past 12 months?**

Enter the number .....

H-4b [If LPGDELV=Yes] NLPDELNC **About how many deliveries did your household get in the past 12 months?**

Enter the number .....   
Did not live here the full 12 months .. 95

H-5 [If USEFO=Yes] QUANTFO **INTERVIEWER INSTRUCTION: PLACE SHOW CARD 24 IN FRONT OF THE RESPONDENT. Please look at Card 24. About how many gallons of fuel oil did your household use in the past 12 months?**

- Less than 100 gallons..... 1
- 100 to 499 gallons ..... 2
- 500 to 1,000 gallons ..... 3
- More than 1,000 gallons ..... 4

H-5a [If USEFO=Yes] FODEL **Is fuel oil delivered to your home?**

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

H-5a1 [If FODEL=Yes] NDIFFOCO **How many different companies delivered fuel oil to your household in the past 12 months?**

Enter the number .....

H-5a2 [If FODEL=Yes] NFODELNC **About how many deliveries did your household get in the past 12 months?**

Enter the number .....   
Did not live here the full 12 months ..... 95

H-6 [If USEKERO=Yes] KERODEL **You mentioned that you use kerosene in your household. Is kerosene delivered to your home?**

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

H-6a [If KERODEL=Yes] NDIFKRCO **How many different companies delivered kerosene to your household in the past 12 months?**

Enter the number .....

H-6b [If KERODEL=Yes] NKRDEL **About how many deliveries did your household get in the past 12 months?**

Enter the number .....

H-7 [If USEKERO=Yes] KEROCASH **Did your household buy kerosene in the past 12 months and bring it home, that is, cash and carry?**

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

H-7a [If KEROCASH=Yes] NOCRCASH **How many times in the past 12 months did your household buy kerosene and bring it home?**

Enter the number .....   
 Did not live here the full 12 months ..... 95

H-7b [If KEROCASH=Yes] NKR GALNC **There are five common sizes of portable kerosene containers: 1 gallon, 3 gallon, 5 gallon, 10 gallon, and 55 gallon. On average how many gallons of kerosene did your household buy and bring home each time?**

Enter the amount .....   
 Some other size..... 66  
 Not sure ..... 77

H-7c [If KEROCASH=Yes] PRICEKER **On average, about how much per gallon did your household pay for kerosene?**

Enter the amount price .....

H-7d [If KEROCASH=Yes] TOTPAYKER **About how much did you pay for kerosene each time your household bought it (total amount)?**

Enter the total amount .....

H-8 [If USEWOOD=Yes] **You mentioned that you use wood as a fuel in your household. What kinds of wood do you burn? Do you burn . . .**

	<u>Yes</u>	<u>No</u>
WOODLOGS <b>Wood logs or split wood?</b> .....	1.....	0
WDSCRAP <b>Wood scraps?</b> .....	1.....	0
WDPELLET <b>Wood pellets?</b> .....	1.....	0
WDOTHER <b>Any other kind of wood?</b> .....	1.....	0

H-8a [If WOODUSE=Yes] WOODAMT **INTERVIEWER INSTRUCTION: PLACE SHOW CARD 25 IN FRONT OF THE RESPONDENT. Please look at Card 25. In the past 12 months about how much wood has your household burned?**

- Less than half a cord ..... 1
- More than half but less than a whole cord ..... 2
- At least one full cord ..... 3
- More than one full cord ..... 4
- Bags of pellets (if volunteered) ..... 5

H-8a1 [If WOODAMT=4] CORDPLUS **About how many cords would you estimate you burned?**

- 1 ..... 01
- 1½ ..... 02
- 2 ..... 03
- 2½ ..... 04
- 3 ..... 05
- More than 3 ..... 06

H-8a1a [If CORDPLUS=06] CORDPLUSA **INTERVIEWER INSTRUCTION: ENTER THE NUMBER OF WHOLE CORDS IN EXCESS OF THREE.**

Enter the number of whole cords.....

H-9 IVCOMMH **INTERVIEWER INSTRUCTION: RECORD ANY INFORMATION HERE ABOUT THE FUELS USED BY THIS HOUSING UNIT THAT MIGHT PROVIDE CLARIFICATION TO THE RESPONDENT'S ANSWERS.**

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