

2015 Residential Energy Consumption Survey (RECS)
Rental Agent, Landlord, or Apartment Manager Questionnaire –
Computer-Assisted Personal (CAPI) or Telephone (CATI) Interview

Form EIA-457C

OMB No.: 1905-0092 Expires: 07/31/2018

HOW TO USE THIS QUESTIONNAIRE

Respondents to the 2015 Residential Energy Consumption Survey (RECS) that completed the computer-assisted personal interview (CAPI) and rented their housing unit were asked to provide the name and contact information for their landlord and/or apartment complex. A follow-up interview was attempted with the named landlord or other rental agent to gain additional information about the housing unit that the household respondent might not be aware of. This document is a paper representation of the 2015 RECS rental agent questionnaire, which is programmed using a software called Blaise. The interviews were administered in-person or over the phone by a professional interviewer using a laptop.

The data collected through this rental agent questionnaire were used for editing the corresponding household data. To facilitate this, most of the variable names for the rental agent questionnaire are similar to those from the household questionnaire with the addition of the prefix “RA” – for example, rental agent variable RAFUELHEAT corresponds to household variable FUELHEAT. As they are only used for editing, none of the rental agent data are directly published in 2015 RECS tabulations or included in the public use data file.

PLEASE NOTE: All the question fills and skip patterns were handled automatically by the Blaise software and were transparent to the interviewer, so this document appears much more complex than the actual RECS instrument.

Each question is formatted as follows:

Variable name (New) (Changed from 2009)					
ASK					
Interviewer instructions Question text and response set					
NEXT					
Derived		Show Card		CARI	

Comments:

- **(New)** or **(Changed from 2009)** are displayed next to the variable name when applicable
- **ASK** describes what needs to be true for a question to be asked for a particular respondent
- Interviewers are trained to not read the instructions (shown in [blue](#)) aloud to respondents
- **NEXT** lists the variable name for the following question
- **Derived** is “Yes” if the variable is calculated for some or all respondents based on their responses to other questions
- **Show Card** is “Yes” if a physical card with a list of response options or pictures is shown to the respondent while the interviewer reads the question aloud
- **CARI** is “Yes” if the question was selected for computer audio-recorded interviewing (CARI), which means the interaction between the interviewer and respondent was recorded to allow for data quality review and analysis
- Some variables (such as the housing unit address) are carried over from the household questionnaire and inserted into question wording as appropriate

RACARI (New)					
ASK	All respondents				
<p>Some parts of this interview will be recorded for quality control purposes. I'd like to continue now unless you have any questions.</p> <p>1 Gives consent to record interview 0 Does not give consent to record interview</p>					
NEXT	RARESROLE				
Derived		Show Card		CARI	Yes

RARESROLE (New) (Changed from 2009)					RARESROLE
ASK	All respondents				
<p>A tenant at [fill: HUBUILDADDRESS] [if RAUNIT ≠ EMPTY, fill: RAUNIT] has provided some information about the energy use in their household. During this interview we will ask you questions about their energy use for verification [if RAUNIT ≠ EMPTY: as well as a few questions about the entire building at, fill: HUBUILDADDRESS].</p> <p>First, I'd like to start with your role. Are you the owner of [fill: HUBUILDADDRESS] [if RAUNIT ≠ EMPTY, fill: RAUNIT], do you represent a company that owns or manages this property, do you represent a condominium association, or do you have some other relationship with this unit?</p> <p>1 Owner 2 Represent company that owns or manages this property 3 Represent condominium association 4 Some other relationship with this unit</p>					
NEXT	RANUMFLRS				
Derived		Show Card		CARI	Yes

RANUMFLRS					
ASK	All respondents				
<p>How many floors, or stories, are in [fill: HUBUILDADDRESS]? Do not include basements, parking levels, or attics.</p> <p>1 - 95</p>					
NEXT	RANUMAPTS				
Derived		Show Card		CARI	

RANUMAPTS (Changed from 2009)					
ASK	If TYPEHUQ in(4,5)				
How many separate housing units are in this building?					
1 - 995					
NEXT	RAYEARMADE				
Derived		Show Card		CARI	

RAYEARMADE (Changed from 2009)					
ASK	All respondents				
In what year was [fill: HUBUILDADDRESS] built?					
1600 - 2015					
NEXT	If RAYEARMADE in(DK, REF): RAYEARMADERANGE Else if RANUMAPTS>2: RALOBBY, RACOMMERCIAL, RAOFFICE, RALAUNDRY, RAGYM, RAPARTY, RANOCOMMON Else: RABLDSQFT				
Derived		Show Card		CARI	Yes

RAYEARMADERANGE (Changed from 2009)					
ASK	If RAYEARMADE in(DK, RF)				
Please give your best estimate. Was this building built...					
1 Before 1950, 2 1950-1959, 3 1960-1969, 4 1970-1979, 5 1980-1989, 6 1990-1999, 7 2000-2009, or 8 2010-2015?					
NEXT	If RANUMAPTS>2: RALOBBY, RACOMMERCIAL, RAOFFICE, RALAUNDRY, RAGYM, RAPARTY, RANOCOMMON Else: RABLDSQFT				
Derived		Show Card		CARI	Yes

RALOBBY, RACOMMERCIAL, RAOFFICE, RALAUNDRY, RAGYM, RAPARTY, RANOCOMMON					
ASK	If RANUMAPTS>2				
<p>Please tell me which types of common areas are in this building? Does this building have a...</p> <p>Mark all that apply.</p> <p>Lobby/Reception Area, (RALOBBY) Commercial space, including stores or restaurants, (RACOMMERCIAL) Apartment rental office or other large office space, (RAOFFICE) Laundry room, (RALAUNDRY) Gym/Swimming pool/Sauna areas, or (RAGYM) Conference rooms or party space? (RAPARTY) NONE of these types of areas (RANOCOMMON)</p>					
NEXT	RAMETERING				
Derived		Show Card		CARI	

RAMETERING (New)					
ASK	If RANUMAPTS>2				
<p>Do the apartments in this building have individual electric meters?</p> <p>1 Yes 0 No</p>					
NEXT	RAONSITETYPE				
Derived		Show Card		CARI	

RAONSITETYPE (New)					
ASK	All respondents				
<p>Does this building have any on-site solar panels?</p> <p>1 Yes 0 No</p>					
NEXT	If RANUMAPTS>1 or RANUMAPT in(DK,RF): RABLDSQFT Else: RASQFTEST				
Derived		Show Card		CARI	

RABLDSQFT					
ASK	If RANUMAPTS>1 or RANUMAPT in(DK,RF)				
<p>What is the total floorspace in the building at [fill: HUBUILDADDRESS]? Your best estimate is fine.</p> <p>1 - 9,999,999</p>					
NEXT	If RABLDSQFT in(DK,RF): RABLDSQFTCAT Else: RASQFTEST				
Derived		Show Card		CARI	

RABLDSQFTCAT					
ASK	If RABLDSQFT in(DK,RF)				
<p>Which of the following categories best describes the total floorspace in this building? Is it...</p> <p>1 Fewer than 5,000 square feet 2 5,000 to 10,000 square feet 3 10,000 to 25,000 square feet 4 25,000 to 50,000 square feet 5 50,000 to 100,000 square feet 6 100,000 or more square feet</p>					
NEXT	RASQFTEST				
Derived		Show Card		CARI	

RASQFTEST (Changed from 2009)					
ASK	All respondents				
<p>What is the total floorspace in [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT]? [If RAUNIT ≠ EMPTY: Please consider only [fill: ^RAUNIT.]] Your best estimate is fine.</p> <p>1 - 99,999</p>					
NEXT	If RASQFTEST in(DK,RF): RASQFTCATEST Else: RACOMMENTBLDG				
Derived		Show Card		CARI	Yes

RASQFTCATEST (Changed from 2009)					
ASK	If RASQFTEST in(DK,RF)				
<p>Which of the following categories best describes the total floorspace in [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT]? Please consider only unit [fill: RAUNIT]. Is it...</p> <p>1 Fewer than 600 square feet 2 600 to 999 square feet 3 1,000 to 1,599 square feet 4 1,600 to 1,999 square feet 5 2,000 to 2,399 square feet 6 2,400 to 2,999 square feet 7 3,000 or more square feet?</p>					
NEXT	RACOMMENTBLDG				
Derived		Show Card		CARI	Yes

RACOMMENTBLDG					
ASK	All respondents				
<p>Record any information here about the general characteristics of the unit or building that might provide clarification to the respondent's answers.</p> <p>If there are none, press "ENTER" to continue.</p> <p>Open response</p>					
NEXT	RAHEATHOME				
Derived		Show Card		CARI	

RAHEATHOME (Changed from 2009)					
ASK	All respondents				
<p>Now, I have some questions about heating.</p> <p>Is this housing unit heated in the winter?</p> <p>1 Yes 0 No</p>					
NEXT	If RAHEATHOME=1 and TYPEHUQ in(4,5): RAAPTHEAT Else if RAHEATHOME=1 and TYPEHUQ in(1,2,3): RAEQUIPM Else: RACOMMENTHEAT				
Derived		Show Card		CARI	

RAAPTHEAT (New) (Changed from 2009)					
ASK	If RAHEATHOME=1 and TYPEHUQ in(4,5)				
<p>What type of heating system does this housing unit have? Is it...</p> <p>1 A central system in another part of the building that sends heat to the housing unit 2 Main heating equipment inside the housing or home</p>					
NEXT	RAEQUIPM				
Derived		Show Card		CARI	

RAEQUIPM (Changed from 2009)					
ASK	If RAHEATHOME=1				
<p>What is the main space heating equipment? Is it a...</p> <p>1 Central furnace, 2 Heat pump, 3 Steam/Hot water system with radiators/convectors or pipes in the floor or walls, 4 Built-in electric units installed in walls, ceiling, baseboard, or floor, 5 Built-in floor/wall pipeless furnace, or 6 Built-in room heater burning gas, oil, or kerosene? 7 Heating stove burning wood, coal, or coke (IF VOLUNTEERED) 8 Portable electric heaters (IF VOLUNTEERED) 9 Portable kerosene heaters (IF VOLUNTEERED) 10 Fireplace (IF VOLUNTEERED) 11 Cooking stove that is used to heat your home as well as to cook (IF VOLUNTEERED) 12 Some other equipment (IF VOLUNTEERED) 0 No space heating equipment used (IF VOLUNTEERED)</p>					
NEXT	If RAEQUIPM=12: RAEQUIPMSPEC Else: RAFUELHEAT				
Derived		Show Card		CARI	Yes

RAEQUIPMSPEC (Changed from 2009)					
ASK	If RAEQUIPM=12				
<p>What is this other equipment?</p> <p>Open response</p>					
NEXT	RAFUELHEAT				
Derived		Show Card		CARI	

RAFUELHEAT (Changed from 2009)					
ASK	If RAHEATHOME=1				
<p>What is the main fuel used for home space heating in [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT]? That is, which fuel was the one that provided the most heat in [fill: RAUNIT]? Is it...</p> <ol style="list-style-type: none"> 1 Electricity 2 Natural gas from underground pipes 3 Propane (bottled gas) 4 Fuel oil 5 Kerosene (IF VOLUNTEERED) 6 Wood (IF VOLUNTEERED) 7 Solar (IF VOLUNTEERED) 8 District steam or hot water (IF VOLUNTEERED) 9 Some other fuel (IF VOLUNTEERED) 					
NEXT	If RAFUELHEAT=9: RAFUELHEATSPEC Else if RAEQUIPM=2: HPTYPE1 Else: RAEQUIPAGE				
Derived		Show Card		CARI	Yes

RAFUELHEATSPEC (Changed from 2009)					
ASK	If RAFUELHEAT=9				
<p>What is this other fuel?</p> <p>Open response</p>					
NEXT	RAEQUIPAGE				
Derived		Show Card		CARI	

RAHPTYPE1 (New)					
ASK	If RAEQUIPM=2				
<p>What type of heat pump is it?</p> <ol style="list-style-type: none"> 1 Electric air source 2 Geothermal or ground source 3 Natural gas 					
NEXT	RAEQUIPAGE				
Derived		Show Card		CARI	Yes

RAEQUIPAGE (Changed from 2009)					
ASK	If RAHEATHOME=1				
<p>Approximately how old is the [fill: RAFUELHEAT] [fill: RAEQUIPM] used to heat [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT]?</p> <p>1 Less than 2 years old, 2 2 to 4 years old, 3 5 to 9 years old, 4 10 to 14 years old, 5 15 to 19 years old, or 6 20 years or older? 7 As old as the home (IF VOLUNTEERED)</p>					
NEXT	RAHEATOTH				
Derived		Show Card		CARI	

RAHEATOTH (Changed from 2009)					
ASK	If RAHEATHOME=1				
<p>Does the [fill: RAFUELHEAT] [fill: RAEQUIPM] used to heat [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT] also heat any other apartments, condos, households, businesses, or buildings?</p> <p>1 Yes 0 No</p>					
NEXT	RACOMMENTHEAT				
Derived		Show Card		CARI	

RACOMMENTHEAT					
ASK	All respondents				
<p>Record any information here about the heating system in the unit that might provide clarification to the respondent's answers.</p> <p>If there are none, press "ENTER" to continue.</p> <p>Open response</p>					
NEXT	If TYPEHUQ in(4,5): RAH2OHEATAPT Else: RAFUELH2O				
Derived		Show Card		CARI	

RAH2OHEATAPT (New) (Changed from 2009)					
ASK	If TYPEHUQ in(4,5)				
<p>Now, I have some questions about water heating.</p> <p>Does this housing unit have its own water heater or is there a central water heating system that serves the whole building?</p> <p>1 Water heater in housing unit 2 Central water heating system</p>					
NEXT	RAFUELH2O				
Derived		Show Card		CARI	Yes

RAFUELH2O (Changed from 2009)					
ASK	All respondents				
<p>What is the main water heating fuel? Is it...</p> <p>1 Electricity 2 Natural gas from underground pipes 3 Propane (bottled gas) 4 Fuel oil 5 Kerosene (IF VOLUNTEERED) 6 Wood (IF VOLUNTEERED) 7 Solar (IF VOLUNTEERED) 9 Some other fuel (IF VOLUNTEERED) 0 No water heating fuel used (IF VOLUNTEERED)</p>					
NEXT	If RAFUELH2O=9: RAFUELH2OSPEC Else if RAFUELH2O ne 0: RAWHEATAGE Else: RACOMMENTWATER				
Derived		Show Card		CARI	Yes

RAFUELH2OSPEC (Changed from 2009)					
ASK	If RAFUELH2O=9				
<p>What is this other fuel?</p> <p>Open response</p>					
NEXT	RAWHEATAGE				
Derived		Show Card		CARI	

RAWHEATAGE (Changed from 2009)					
ASK	If RAFUELH2O ne 0				
<p>Approximately how old is the main water heater?</p> <p>1 Less than 2 years old, 2 2 to 4 years old, 3 5 to 9 years old, 4 10 to 14 years old, 5 15 to 19 years old, or 6 20 years or older? 7 As old as the home (IF VOLUNTEERED)</p>					
NEXT	RACOMMENTWATER				
Derived		Show Card		CARI	

RACOMMENTWATER					
ASK	All respondents				
<p>Record any information here about the water heating system in the unit that might provide clarification to the respondent's answers.</p> <p>If there are none, press "ENTER" to continue.</p> <p>Open response</p>					
NEXT	RAAIRCOND				
Derived		Show Card		CARI	

RAAIRCOND (Changed from 2009)					
ASK	All respondents				
<p>Does this housing unit have any air-conditioning?</p> <p>1 Yes 0 No</p>					
NEXT	If RAAIRCOND=1: RACOOPTYPE Else: RACOMMENTCOOL				
Derived		Show Card		CARI	

RACOOOLTYPE (Changed from 2009)					
ASK	If RAAIRCOND=1				
<p>What type of air-conditioning equipment does [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT] have? Is it...</p> <p>1 A central air conditioning system, 2 Individual units in the window or wall, or 3 Both a central system and individual units?</p>					
NEXT	If RACOOOLTYPE in(1,3): RACENACHP If RACOOOLTYPE=2: RAWWACAGE Else: RACOMMENTCOOL				
Derived		Show Card		CARI	Yes

RACENACHP (New)					
ASK	If RACOOOLTYPE in(1,3)				
<p>Is the central air conditioning system a heat pump?</p> <p>1 Yes 0 No</p>					
NEXT	If RACENACHP=1: RAHPTYPE2 Else: RAAGECENAC				
Derived		Show Card		CARI	

RAHPTYPE2 (New)					
ASK	If RACENACHP=1				
<p>What type of heat pump is it?</p> <p>1 Electric air source 2 Geothermal or ground source 3 Natural gas</p>					
NEXT	RAHPDUCTS				
Derived		Show Card		CARI	

RAHPDUCTS (New)					
ASK	If RACENACHP=1				
<p>Does the heat pump deliver cold air through ducts and vents or is it a ductless system?</p> <p>1 Ducts and vents 2 Ductless</p>					

NEXT	RAAGECENAC				
Derived		Show Card		CARI	

RAAGECENAC (Changed from 2009)					
ASK	If RACOOCTYPE in(1,3)				
<p>Approximately how old is the central air-conditioning equipment in [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT]? Is it...</p> <ol style="list-style-type: none"> 1 Less than 2 years old, 2 2 to 4 years old, 3 5 to 9 years old, 4 10 to 14 years old, 5 15 to 19 years old, or 6 20 years or older? 7 As old as the home (IF VOLUNTEERED) 					
NEXT	RAACOTHERS				
Derived		Show Card		CARI	Yes

RAACOTHERS (Changed from 2009)					
ASK	If RACOOCTYPE in(1,3)				
<p>Does the central air-conditioner also cool any other apartments, condos, households, businesses, or buildings?</p> <ol style="list-style-type: none"> 1 Yes 0 No 					
NEXT	If RACOOCTYPE in(2,3): RAWWACAGE Else: RACOMMENTCOOL				
Derived		Show Card		CARI	

RAWWACAGE (Changed from 2009)					
ASK	If RACOOCTYPE in(2,3)				
<p>Approximately how old is the most-used window/wall unit? Is it...</p> <ol style="list-style-type: none"> 1 Less than 2 years old, 2 2 to 4 years old, 3 5 to 9 years old, 4 10 to 14 years old, 5 15 to 19 years old, or 6 20 years or older? 7 As old as the home (IF VOLUNTEERED) 					

NEXT	RACOMMENTCOOL				
Derived		Show Card		CARI	

RACOMMENTCOOL					
ASK	All respondents				
<p>Record any information here about the cooling in the unit that might provide clarification to the respondent's answers.</p> <p>If there are none, press "ENTER" to continue.</p> <p>Open response</p>					
NEXT	RASTOVEN, RASTOVE, RAOVEN, RANOCOOK				
Derived		Show Card		CARI	

RASTOVEN, RASTOVE, RAOVEN, RANOCOOK (Changed from 2009)					
ASK	All respondents				
<p>Now, I have a few questions about kitchen appliances.</p> <p>What type of cooking appliance does [if RAUNIT = EMPTY: this housing unit] [if RAUNIT ≠ EMPTY, fill: RAUNIT] have? Is it a stove that has both burners and one or two ovens, a separate built-in range top or burners only, or a separate built-in oven only?</p> <p>Mark all that apply.</p> <p>A stove or range that has both a cooktop and an oven (RASTOVEN) A separate built-in cooktop only (RASTOVE) A separate built-in oven only (RAOVEN) None of these (RANOCOOK)</p>					
NEXT	If RASTOVEN=1: RASTOVENFUEL Else if RASTOVE=1: RASTOVEFUEL Else if RAOVEN=1: RAOVENFUEL Else: RATYPERFR				
Derived		Show Card		CARI	

RASTOVENFUEL (Changed from 2009)					
ASK	If RASTOVEN=1				
<p>What fuel does the stove or range use? Is it...</p> <p>1 Electricity, 2 Natural gas from underground pipes, 3 Propane (bottled gas), or 9 Some other fuel?</p>					

NEXT	If RASTOVENFUEL=9 then RASTOVENFUELSPEC Else if RASTOVE=1: RASTOVEFUEL Else if RAOVEN=1: RAOVENFUEL Else: RATYPERFR				
Derived		Show Card		CARI	

RASTOVENFUELSPEC (Changed from 2009)					
ASK	If RASTOVENFUEL=9				
What is this other fuel? Open response					
NEXT	If RASTOVE=1: RASTOVEFUEL Else if RAOVEN=1: RAOVENFUEL Else: RATYPERFR				
Derived		Show Card		CARI	

RASTOVEFUEL (Changed from 2009)					
ASK	If RASTOVE=1				
What fuel does the separate built-in cooktop use? Is it... <ul style="list-style-type: none"> 1 Electricity, 2 Natural gas from underground pipes, 3 Propane (bottled gas), or 9 Some other fuel? 					
NEXT	If RASTOVEFUEL=9 then RASTOVEFUELSPEC Else if RAOVEN=1: RAOVENFUEL Else: RATYPERFR				
Derived		Show Card		CARI	

RASTOVEFUELSPEC (Changed from 2009)					
ASK	If RASTOVEFUEL=9				
What is this other fuel? Open response					
NEXT	If RAOVEN=1: RAOVENFUEL Else: RATYPERFR				
Derived		Show Card		CARI	

RAOVENFUEL (Changed from 2009)					
ASK	If RAOVEN=1				
<p>What fuel does the separate oven use? Is it...</p> <ol style="list-style-type: none"> 1 Electricity, 2 Natural gas from underground pipes, 3 Propane (bottled gas), or 9 Some other fuel? 					
NEXT	If RAOVENFUEL=9 then RAOVENFUELSPEC Else: RATYPERFR				
Derived		Show Card		CARI	

RAOVENFUELSPEC (Changed from 2009)					
ASK	If RAOVENFUEL=21				
<p>What is this other fuel?</p> <p>Open response</p>					
NEXT	RATYPERFR				
Derived		Show Card		CARI	

RATYPERFR (Changed from 2009)					
ASK	All respondents				
<p>Which of the following best describes the refrigerator in [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT]? If [[If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT] has more than one refrigerator, please consider the main refrigerator. Is it...</p> <ol style="list-style-type: none"> 1 Full-size with one door, 2 Full-size with two doors, freezer next to the refrigerator, 3 Full-size with two doors, freezer above the refrigerator, 4 Full-size with two doors, freezer below the refrigerator, 5 Full-size with three or more doors, 6 Half-size or compact, or 7 Some other kind? 					
NEXT	RAAGERFRI				
Derived		Show Card		CARI	

RAAGERFRI (Changed from 2009)					
ASK	All respondents				
<p>Approximately how old is the refrigerator? Your best estimate is fine. Is it...</p> <ol style="list-style-type: none"> 1 Less than 2 years old, 2 2 to 4 years old, 3 5 to 9 years old, 4 10 to 14 years old, 5 15 to 19 years old, or 6 20 years or older? 7 As old as the home (IF VOLUNTEERED) 					
NEXT	RACOMMENTAPP				
Derived		Show Card		CARI	

RACOMMENTAPP					
ASK	All respondents				
<p>Record any information here about the large kitchen appliances in the unit that might provide clarification to the respondent's answers.</p> <p>If there are none, press "ENTER" to continue.</p> <p>Open response</p>					
NEXT	If RAHEATHEAT=1: RAFUELHEATPAY Else: RAFUELH2OPAY				
Derived		Show Card		CARI	

RAFUELHEATPAY (Changed from 2009)					
ASK	If RAHEATHOME=1				
<p>I have just a few more questions about this housing unit.</p> <p>Is the [fill: RAFUELHEAT] used for heating in [If RAUNIT = EMPTY: this housing unit] [If RAUNIT ≠ EMPTY, fill: RAUNIT] paid for by the tenant, included in the rent or condominium fee, or paid some other way?</p> <ol style="list-style-type: none"> 1 Paid for by the tenant 2 Included in the rent or condominium fee 3 Paid some other way 					
NEXT	RAFUELH2OPAY				
Derived		Show Card		CARI	

RAFUELH2OPAY (Changed from 2009)					
ASK	All respondents				
<p>Is the [fill: RAFUELH2O] used for water heating paid for by the tenant, included in the rent or condominium fee, or paid some other way?</p> <p>1 Paid for by the tenant 2 Included in the rent or condominium fee 3 Paid some other way</p>					
NEXT	If RAAIRCOND=1: RAAIRCONDPAY; Else RALIGHTPAY				
Derived		Show Card		CARI	

RACOOLPAY (Changed from 2009)					
ASK	If RAAIRCOND=1				
<p>Is the electricity used for air-conditioning paid for by the tenant, included in the rent or condominium fee, or paid some other way?</p> <p>1 Paid for by the tenant 2 Included in the rent or condominium fee 3 Paid some other way</p>					
NEXT	RALIGHTPAY				
Derived		Show Card		CARI	

RALIGHTPAY (Changed from 2009)					
ASK	All respondents				
<p>Is the electricity used for lighting paid for by the tenant, included in the rent or condominium fee, or paid some other way?</p> <p>1 Paid for by the tenant 2 Included in the rent or condominium fee 3 Paid some other way</p>					
NEXT	RACOMMENTPAY				
Derived		Show Card		CARI	

RACOMMENTPAY					
ASK	All respondents				
<p>Record any information here about how the bills are paid in the unit that might provide clarification to the respondent's answers.</p> <p>If there are none, press "ENTER" to continue.</p> <p>Open response</p>					
NEXT	End Survey				
Derived		Show Card		CARI	