

# Bartica Socio-Economic and Energy Use Baseline -- Household

## Section 0: Contact Information

Introductory note

Do you give your consent to participate in the survey? \*

☐ Yes

☐ No

Telephone number

*q0\_2: enter number without spaces or dashes. Do not include country code.*

Reason for refusal

## Section 1: Household Characteristics

### » Type of Dwelling

Indicate the type of dwelling

*q1\_1*

☐ Single detached house; single storey

☐ Single detached house; 2 storeys

☐ Single detached house on stilts (posts)

☐ Row houses

☐ Mobile home /others

☐ Commercial building attached to houses

In which year was the house built? \*

*q1\_2*

☐ Before 1950

☐ 1950-1960

☐ Other year

☐ Don't know

Specify the year \*

*q1\_2a*

Are you the owner of the house/building? \*

q1\_3

- ☐ Yes
- ☐ No

How did you become the owner of the property? \*

q1\_4

- ☐ Bought it
- ☐ Inherited it
- ☐ Built it
- ☐ Other

Specify how you became the owner \*

q1\_4a

» House

What is the approximate cost of the property? \*

q1\_6: enter -1 for don't know and -2 for no answer

Is the building owned by someone that lives in the household? \*

q1\_6

- ☐ Yes
- ☐ No

» House

Is the building owned by your family including parents and grandparents? \*

q162

- ☐ Yes
- ☐ No

When did you move to this building? \*

q1\_7

- ☐ About one year ago
- ☐ More than 1 but no more than 3 years ago
- ☐ More than 3 but no more than 5 years ago
- ☐ More than 5 but no more than 10 years ago
- ☐ Other

Specify when you moved to this building \*

q1\_7a

For how long do you plan to live in this house? \*

q1\_8

- ☐ I don't plan to move
- ☐ I plan to stay for a few years then move
- ☐ I don't have immediate plans but I will move eventually
- ☐ Other

Specify other plan \*

q1\_8a

How many square feet of indoor living space do you have? \*

q1\_9

## Section 2: Respondent Information

### » Respondent Characteristics

Are you the head of the household? \*

q2\_1

- ☐ Yes
- ☐ No
- ☐ I share the role with someone else

What is your age? \*

q2\_2

Sex of the respondent \*

q2\_3

- ☐ Male
- ☐ Female

What is the highest level of education that you have completed? \*

q2\_4

- ☐ Less than primary
- ☐ Primary
- ☐ Secondary
- ☐ Post secondary technical (eg. CPCE, GTI etc.)
- ☐ University

With which ethnicity do you identify most? \*

q2\_5

- ☐ African/Black
- ☐ Amerindian
- ☐ Chinese
- ☐ East Indian
- ☐ Mixed
- ☐ Portuguese
- ☐ White/European
- ☐ Other
- ☐ No answer

Specify other ethnicity

### » Household Demographics

How many adults are in the household? \*

q2\_6

How many children are in the household? \*

q2\_7

How many individuals work in the household but don't live in it? \*

q2\_8

What is the highest level of education completed by anyone in the household? \*

q2\_9

- ☐ Less than primary
- ☐ Primary
- ☐ Secondary
- ☐ Post secondary technical (eg. CPCE, GTI etc.)
- ☐ University

### Section 3: Energy Profile

What is the main source of electricity for your household? \*

q3\_1

- ☐ GPL grid
- ☐ Off-grid Solar Home System (SHS)
- ☐ Grid-tied solar system
- ☐ Generator
- ☐ No electricity
- ☐ Other

Specify other main source of electricity \*

q3\_1a

What is the main source of energy for cooking? \*

q3\_2

- ☐ Electricity
- ☐ Liquefied petroleum gas (LPG)
- ☐ Kerosene
- ☐ Wood
- ☐ Charcoal
- ☐ Animal Dung
- ☐ Biogas
- ☐ Other

Specify other main source of energy for cooking \*

q3\_2a

Apart from boiling water for food and beverages, do you have a hot water system in your home? \*

q3\_3

☐ Yes

☐ No

What is your main source of electricity for domestic hot water (DHW)? \*

q3\_4

☐ Electricity (instant heater) (this is the heater in the head of the shower)

☐ Electricity with deposit (hot water tank/reservoir installed)

☐ Kerosene

☐ Liquefied petroleum gas (LPG)

☐ Solar thermal

☐ Wind turbine

☐ Wood

Do you have airconditioning in your home? \*

q3\_5

☐ Yes

☐ No

#### » Air Conditioning

What is the main source of electricity for air conditioning? \*

q3\_6

☐ GPL grid

☐ Liquefied petroleum gas (LPG)

☐ Solar thermal

☐ Wind turbine

Which type of airconditioner(s) do you have in your household? \*

q3\_7

☐ Split unit (separated internal and external unit)

☐ Compact portable unit

☐ Window unit

☐ Central cooling

☐ No cooling

Do you have an electricity source as backup? \*

q3\_8

- ☐ Yes, Diesel or another fossil fuel
- ☐ Yes, solar or another renewable energy source
- ☐ No but I am considering a diesel or fossil fuel generator
- ☐ No but I am considering solar
- ☐ No
- ☐ Don't know

Which electricity source do you prefer? \*

q3\_9

- ☐ Fossil fuel generator backup
- ☐ Solar backup

About how many times per week do you get blackout? \*

q3\_10: enter 98 for don't know

About how long (in hours) per week do these blackouts last on average? \*

q3\_11

## » Appliances

How many of the following appliances/equipment do you have in your home?

Refrigerator \*

q3121

Freezer \*

q3122

Stove \*

q3123

Washing machine \*

q3124

Microwave oven <i>q3125</i>	*
Ceiling Fan <i>q3126</i>	*
Portable Fan <i>q3127</i>	*
Air conditioning <i>q3128</i>	*
Television <i>q3129</i>	*
Computer or laptop <i>q31210</i>	*
Tablet devices <i>q31211</i>	*
Mobile phone <i>q31212</i>	*
Iron <i>q31213</i>	*
Video game <i>q31214</i>	*
Stereo <i>q31215</i>	*



Water pump

q31216

\*

Others

q31217

Which other appliances

## » Refrigerators

Please enter information for each Refrigerator in your home

Refrigerator	Average Age (years)	Power (watts)	Average Daily Usage (hours)
Refrigerator 1	Age of Fridge	Power of Fridge	Daily hours used
Refrigerator 2	Age of Fridge	Power of Fridge	Daily hours used
Refrigerator 3	Age of Fridge	Power of Fridge	Daily hours used
Refrigerator 4	Age of Fridge	Power of Fridge	Daily hours used
Refrigerator 5	Age of Fridge	Power of Fridge	Daily hours used

## » Freezers

Please enter information for each Refrigerator in your home

Freezer	Average Age (years)	Power (watts)	Average Daily Usage (hours)
Freezer 1	Age of Freezer	Power of Freezer	Daily hours used

Freezer 2	Age of Freezer	Power of Freezer	Daily hours used
Freezer 3	Age of Freezer	Power of Freezer	Daily hours used
Freezer 4	Age of Freezer	Power of Freezer	Daily hours used
Freezer 5	Age of Freezer	Power of Freezer	Daily hours used

## » Washing Machines

Please enter information for each washing machine in your home

Washing Machine	Average Age (years)	Power (watts)	Average Weekly Usage (hours)
Washing Machine 1	Age of Machine	Power of Machine	Weekly hours used
Washing Machine 2	Age of Machine	Power of Machine	Weekly hours used
Washing Machine 3	Age of Machine	Power of Machine	Weekly hours used

## » Televisions

Please enter information for each television in your home

Televisions	Average Age (years)	Power (watts)	Average Daily Usage (hours)
Television 1	Age of TV	Power of TV	Daily hours used
Television 2	Age of TV		

Power of TV
Daily hours used
Television 3
Age of TV
Power of TV
Daily hours used
Television 4
Age of TV
Power of TV
Daily hours used
Television 5
Age of TV
Power of TV
Daily hours used
Television 6
Age of TV

Power of TV

Daily hours used

Television 7

Age of TV

Power of TV

Daily hours used

Television 8

Age of TV

Power of TV

Daily hours used

» Fans

Please enter information for each fan in your home

Fan	Type	Average Age (years)	Power (watts)	Average Daily Usage (hours)
Fan 1	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used
Fan 2	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used

Fan 3	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used
Fan 4	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used
Fan 5	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used
Fan 6	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used
Fan 7	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used
Fan 8	Type <input type="radio"/> Ceiling <input type="radio"/> Portable	Age of Fan	Power of Fan	Daily hours used

## » Airconditioners

Please enter information for each AC in your home

AC Unit	Type	Average Age (years)	Power (BTU)	Average Daily Usage (hours)
AC 1	Type <input type="radio"/> Split unit (separated internal and external unit) <input type="radio"/> Compact portable unit <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used

AC 2	Type <input type="radio"/> Split unit (separated internal and external unit)  <input type="radio"/> Compact portable unit  <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used
AC 3	Type <input type="radio"/> Split unit (separated internal and external unit)  <input type="radio"/> Compact portable unit  <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used
AC 4	Type <input type="radio"/> Split unit (separated internal and external unit)  <input type="radio"/> Compact portable unit  <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used
AC 5	Type <input type="radio"/> Split unit (separated internal and external unit)  <input type="radio"/> Compact portable unit  <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used
AC 6	Type <input type="radio"/> Split unit (separated internal and external unit)  <input type="radio"/> Compact portable unit  <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used

AC 7	Type <input type="radio"/> Split unit (separated internal and external unit)  <input type="radio"/> Compact portable unit  <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used
AC 8	Type <input type="radio"/> Split unit (separated internal and external unit)  <input type="radio"/> Compact portable unit  <input type="radio"/> Window unit	Age of unit	Power of unit	Daily hours used

## » Music Stereo

Please enter information for each Music Stereo in your home

Stereo	Power (watts)	Average Weekly Usage (hours)
Stereo 1	Power	Weekly hours used
Stereo 2	Power	Weekly hours used
Stereo 3	Power	Weekly hours used

## » Water Pump

Please enter information for each Water Pump in your home

Water Pump	Power (watts)	Average Weekly Usage (hours)
Pump 1	Power	Weekly hours used
Pump 2	Power	Weekly hours used

Pump 3	Power	Weekly hours used

## » Computers

Approximatley how many hours per day are the laptop computers in your home used? \*

q3\_21: enter -1 for not applicable

Approximatley how many hours per day are the desktop computers in your home used? \*

q3\_22: enter -1 for not applicable

## Section 4: Lighting

## » Lights in Living Room

How many luminaries are there in the living room? Indicate power and usage.

Luminary Type	Number	Power (watts)	Average Daily Usage (hours)
Incandescent Lamps	Number	Power	Daily hours used
Compact fluorescent lamps	Number	Power	Daily hours used
Halogen lamps	Number	Power	Daily hours used
Metal halide Lamps	Number	Power	Daily hours used
Light Emitting Diode	Number	Power	Daily hours used
Fluorescent tube	Number	Power	Daily hours used
Neon lamps	Number	Power	Daily hours used



High intensity discharge lamps	Number	Power	Daily hours used
Low pressure sodium lamps	Number	Power	Daily hours used

## » Lights in Kitchen

How many luminaries are ther in the kitchen? Indicate power and usage.

Luminary Type	Number	Power (watts)	Average Daily Usage (hours)
Incandescent Lamps	Number	Power	Daily hours used
Compact fluorescent lamps	Number	Power	Daily hours used
Halogen lamps	Number	Power	Daily hours used
Metal halide Lamps	Number	Power	Daily hours used
Light Emitting Diode	Number	Power	Daily hours used
Fluorescent tube	Number	Power	Daily hours used
Neon lamps	Number	Power	Daily hours used
High intensity discharge lamps	Number	Power	Daily hours used
Low pressure sodium lamps	Number	Power	Daily hours used

## » Lights in Bedrooms

How many luminaries are ther in the bedrooms? Indicate power and usage.

Luminary Type	Number	Power (watts)	Average Daily Usage (hours)
Incandescent Lamps	Number	Power	Daily hours used
Compact fluorescent lamps	Number	Power	Daily hours used
Halogen lamps	Number	Power	Daily hours used
Metal halide Lamps	Number	Power	Daily hours used
Light Emitting Diode	Number	Power	Daily hours used
Fluorescent tube	Number	Power	Daily hours used
Neon lamps	Number	Power	Daily hours used
High intensity discharge lamps	Number	Power	Daily hours used
Low pressure sodium lamps	Number	Power	Daily hours used

## » Lights in Toilets/bathroom

How many luminaries are ther in the toilets/bathroom? Indicate power and usage.

Luminary Type	Number	Power (watts)	Average Daily Usage (hours)
Incandescent Lamps	Number	Power	Daily hours used
Compact fluorescent lamps	Number	Power	Daily hours used

Halogen lamps	Number	Power	Daily hours used
Metal halide Lamps	Number	Power	Daily hours used
Light Emitting Diode	Number	Power	Daily hours used
Fluorescent tube	Number	Power	Daily hours used
Neon lamps	Number	Power	Daily hours used
High intensity discharge lamps	Number	Power	Daily hours used
Low pressure sodium lamps	Number	Power	Daily hours used

## » Lights in Garage

How many luminaries are there in the garage? Indicate power and usage.

Luminary Type	Number	Power (watts)	Average Daily Usage (hours)
Incandescent Lamps	Number	Power	Daily hours used
Compact fluorescent lamps	Number	Power	Daily hours used
Halogen lamps	Number	Power	Daily hours used
Metal halide Lamps	Number	Power	Daily hours used
Light Emitting Diode	Number	Power	Daily hours used

Fluorescent tube	Number	Power	Daily hours used
Neon lamps	Number	Power	Daily hours used
High intensity discharge lamps	Number	Power	Daily hours used
Low pressure sodium lamps	Number	Power	Daily hours used

## » Lights in Hallways

How many luminaries are there in the hallways? Indicate power and usage.

Luminary Type	Number	Power (watts)	Average Daily Usage (hours)
Incandescent Lamps	Number	Power	Daily hours used
Compact fluorescent lamps	Number	Power	Daily hours used
Halogen lamps	Number	Power	Daily hours used
Metal halide Lamps	Number	Power	Daily hours used
Light Emitting Diode	Number	Power	Daily hours used
Fluorescent tube	Number	Power	Daily hours used
Neon lamps	Number	Power	Daily hours used
High intensity discharge lamps	Number	Power	Daily hours used

Low pressure sodium lamps	Number	Power	Daily hours used
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## » Security Lights

How many luminaries are used for security? Indicate power and usage.

Luminary Type	Number	Power (watts)	Average Daily Usage (hours)
Incandescent Lamps	Number	Power	Daily hours used
Compact fluorescent lamps	Number	Power	Daily hours used
Halogen lamps	Number	Power	Daily hours used
Metal halide Lamps	Number	Power	Daily hours used
Light Emitting Diode	Number	Power	Daily hours used
Fluorescent tube	Number	Power	Daily hours used
Neon lamps	Number	Power	Daily hours used
High intensity discharge lamps	Number	Power	Daily hours used
Low pressure sodium lamps	Number	Power	Daily hours used

## Section 4.1: Domestic Hot Water Usage

How many hot water showers are taken in an average day in your household? \*

q4\_1

## Section 5: Other Energy Sources

Which of the following energy sources are used in your home? \*

q5\_1: **Select all that apply even if they were mentioned before**

- ☐ Agricultural residue
- ☐ Car batteries
- ☐ Diesel Generator
- ☐ Dry cell batteries
- ☐ Firewood
- ☐ Gas Generator
- ☐ GPL grid
- ☐ Grid-tied solar system
- ☐ Liquefied Petroleum Gas
- ☐ Off-grid Solar Home System (SHS)
- ☐ Wind turbine
- ☐ None

How many dry cell batteries do you have? \*

q5\_2: These are usually batteries used in locations without grid (GPL) electricity, they are charged in a neighbour house or shop. Same type as the batteries of the solar home systems.

#### » Dry Cell Batteries

How many car batteries do you have? \*

q5\_5

#### » Car Batteries

Which Liquefied Petroleum Gas cylinders do you have? \*

q5\_8

- ☐ 10 pounds
- ☐ 20 pounds
- ☐ 50 pounds
- ☐ 100 pounds

#### » Liquefied Petroleum Gas

How many 10 pounds cylinders do you have? \*

q591

How many 20 pounds cylinders do you have?

q592

\*

How many 50 pounds cylinders do you have?

q593

\*

How many 100 pounds cylinders do you have?

q594

\*

How many 10 pound cylinders do you use per year?

q5101

\*

How many 20 pound cylinders do you use per year?

q5102

\*

How many 50 pound cylinders do you use per year?

q5103

\*

How many 100 pound cylinders do you use per year?

q5104

\*

What do you use the gas for?

q5\_11

\*

☐

Stove

☐

Oven

☐

Domestic hot water

☐

Other

Specify other use

q5\_11a

\*

What do you use your solar home system for? \*

q5\_12

- ☐ Lighting
- ☐ Fans
- ☐ TVs
- ☐ Other

Specify other use \*

q5\_12a

What is the kilowatt peak capacity (in kWp) of your solar installation? \*

q5\_12x: note the answer in kilowatts

#### » Generator

What is the power of your generator? \*

q5\_13: enter -1 for don't know and -2 for no answer

What unit was the power given in? \*

q5\_14: If no answer, select any unit to move forward

- ☐ Kva
- ☐ volt-amps
- ☐ watts

How many hours per week do you use it? \*

q5\_15: enter -1 for don't know and -2 for no answer

How much diesel/gas does it consume per month? \*

q5\_16: enter -1 for don't know and -2 for no answer

Unit of measurement for diesel/gas \*

q5\_16b: If no answer, select any unit to move forward

- ☐ Litre
- ☐ Gallon

How much firewood do you use per week (in pounds)? \*

q5\_17: enter -1 for don't know and -2 for no answer



Do you use agriculture residue for cooking? \*

q5\_18

☐ Yes

☐ No

How much agriculture residue (in pounds) do you use for cooking per week? \*

q5\_19: enter -1 for don't know and -2 for no answer

How many vehicles in total are owned by your household? \*

q5\_20: count all bicycles, cars etc.

#### » Vehicle names

#### » Vehicles

Do you have electrical equipment that you use for earning income? \*

q5\_30: Do not include equipment mentioned already

☐ Yes

☐ No

#### » Equipment

Please identify equipment 1

q5311

Please identify equipment 2

q5312: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 3

q5313: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 4

q5314: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 5

q5315: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 6

q5316: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 7

q5317: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 8

q5318: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 9

q5319: **VERY IMPORTANT: leave blank if not applicable**

Please identify equipment 10

q53110: **VERY IMPORTANT: leave blank if not applicable**

#### » Details

What is the age of your []?

q5311\_1

Power rating of your []

q5311\_2

Daily usage hours for your []

q5311\_3

#### » Details

What is the age of your []?

q5312\_1

Power rating of your []

q5312\_2

Daily usage hours for your

q5312\_3

» Details

What is the age of your ?

q5313\_1

Power rating of your

q5313\_2

Daily usage hours for your

q5313\_3

» Details

What is the age of your ?

q5314\_1

Power rating of your

q5314\_2

Daily usage hours for your

q5314\_3

» Details

What is the age of your ?

q5315\_1

Power rating of your

q5315\_2

Daily usage hours for your

q5315\_3

» Details

What is the age of your []?

q5316\_1

Power rating of your []

q5316\_2

Daily usage hours for your []

q5316\_3

» Details

What is the age of your []?

q5317\_1

Power rating of your []

q5317\_2

Daily usage hours for your []

q5317\_3

» Details

What is the age of your []?

q5318\_1

Power rating of your []

q5318\_2

Daily usage hours for your []

q5318\_3

» Details

What is the age of your []?  
*q5319\_1*

Power rating of your []  
*q5319\_2*

Daily usage hours for your []  
*q5319\_3*

» Details

What is the age of your []?  
*q53110\_1*

Power rating of your []  
*q53110\_2*

Daily usage hours for your []  
*q53110\_3*

Section 6: Household Income

How many members of the family earn a salary?  
*q6\_1: This is a monthly income*

What is the activity of the main source of income?

\*

q6\_2

- ☐ Agriculture
- ☐ Agriculture trade
- ☐ Construction
- ☐ Fishing
- ☐ Fishing trade
- ☐ Government worker
- ☐ Manufacturing activity
- ☐ Mining
- ☐ Mining trade
- ☐ Service (hotel, restaurant, shop)
- ☐ Store/shop
- ☐ Transportation
- ☐ Other

Specify other activity

\*

q6\_2a

» Household Activity

What is the approximate total monthly income of your household? \*

q6\_3: enter -1 for don't know and -2 for no answer

- ☐ Less than 40000 GYD/month
- ☐ Between 40,001 – 60,000 GYD/month
- ☐ Between 60,001 – 80,000 GYD/month
- ☐ 80,001 – 100,000 GYD/month
- ☐ 100,001-150,000 GYD/month
- ☐ 150,001-200,000 GYD/month
- ☐ 200,001-300,000 GYD/month
- ☐ 300,001 -400,000 GYD/month
- ☐ 400,001 – 500,000 GYD/month
- ☐ 500,001-600,000 GYD/month
- ☐ 600,001-700,000 GYD/month
- ☐ 700,001-800,000 GYD/month
- ☐ 800,001-900,000 GYD/month
- ☐ 900,001-1,000,000 GYD/month
- ☐ More than 1,000,000 GYD/month
- ☐ No answer

Does someone from your household work from home or stay at home most of his/her time or is a homemaker? \*

q6\_4: enter -1 for don't know and -2 for no answer

- ☐ Yes
- ☐ No

## » Expenditure

How much money does your household spend on average per month on each of the following? \*

Food \*

q651: enter -1 for don't know and -2 for no answer

House Rent \*

q652: enter -1 for don't know and -2 for no answer

Repayment of loan \*

q653: enter -1 for don't know and -2 for no answer

## Energy \*

q654: enter -1 for don't know and -2 for no answer

## Internet \*

q655: enter -1 for don't know and -2 for no answer

## Water \*

q656: enter -1 for don't know and -2 for no answer

## Public Transport \*

q657: enter -1 for don't know and -2 for no answer

## Private transport (car fuel) \*

q658: enter -1 for don't know and -2 for no answer

## Healthcare \*

q659: enter -1 for don't know and -2 for no answer

## Leisure &amp; Entertainment \*

q6510: enter -1 for don't know and -2 for no answer

## » Local Travel

During a typical month, how often does a member of your household travel to Parika?

q6\_6

What are the main reasons for going to Parika

q6\_7

- ☐ Work
- ☐ School
- ☐ Health
- ☐ Shopping
- ☐ Social (entertainment, sports, visit to relatives etc.)
- ☐ Religious (church, temple mosque)
- ☐ Administrative issues (bank, taxes, application for personal documents)



## » Local Travel

What were the trips that you made yesterday?

*Q6\_8: Split into separate trips for multiple modes of travel*

Trip Number	Point of Origin	Approximate Distance (miles)	Mode of Transportation	Reason for Trip
<b>Trip 1</b>	Point of Origin <i>e.g. home, work etc.</i>	Approximate Distance (miles)	Mode of Transportation <input type="radio"/> Truck <input type="radio"/> Lorry/Canter <input type="radio"/> Bus <input type="radio"/> Van/4X4/Pick-up <input type="radio"/> Private car <input type="radio"/> Taxi <input type="radio"/> Boat <input type="radio"/> Motorcycle <input type="radio"/> Bicycle <input type="radio"/> Walking	Reason for Trip <input type="radio"/> Work <input type="radio"/> School <input type="radio"/> Health <input type="radio"/> Shopping <input type="radio"/> Social (entertainment, sports, visit to relatives etc.) <input type="radio"/> Religious (church, temple mosque) <input type="radio"/> Administrative issues (bank, taxes, application for personal documents)
<b>Trip 2</b>	Point of Origin <i>e.g. home, work etc.</i>	Approximate Distance (miles)	Mode of Transportation <input type="radio"/> Truck <input type="radio"/> Lorry/Canter <input type="radio"/> Bus <input type="radio"/> Van/4X4/Pick-up <input type="radio"/> Private car <input type="radio"/> Taxi <input type="radio"/> Boat <input type="radio"/> Motorcycle <input type="radio"/> Bicycle <input type="radio"/> Walking	Reason for Trip <input type="radio"/> Work <input type="radio"/> School <input type="radio"/> Health <input type="radio"/> Shopping <input type="radio"/> Social (entertainment, sports, visit to relatives etc.) <input type="radio"/> Religious (church, temple mosque) <input type="radio"/> Administrative issues (bank, taxes, application for personal documents)

<b>Trip 3</b>	Point of Origin <i>e.g. home, work etc.</i>	Approximate Distance (miles)	Mode of Transportation <input type="radio"/> Truck <input type="radio"/> Lorry/Canter <input type="radio"/> Bus <input type="radio"/> Van/4X4/Pick-up <input type="radio"/> Private car <input type="radio"/> Taxi <input type="radio"/> Boat <input type="radio"/> Motorcycle <input type="radio"/> Bicycle <input type="radio"/> Walking	Reason for Trip <input type="radio"/> Work <input type="radio"/> School <input type="radio"/> Health <input type="radio"/> Shopping <input type="radio"/> Social (entertainment, sports, visit to relatives etc.) <input type="radio"/> Religious (church, temple mosque) <input type="radio"/> Administrative issues (bank, taxes, application for personal documents)
<b>Trip 4</b>	Point of Origin <i>e.g. home, work etc.</i>	Approximate Distance (miles)	Mode of Transportation <input type="radio"/> Truck <input type="radio"/> Lorry/Canter <input type="radio"/> Bus <input type="radio"/> Van/4X4/Pick-up <input type="radio"/> Private car <input type="radio"/> Taxi <input type="radio"/> Boat <input type="radio"/> Motorcycle <input type="radio"/> Bicycle <input type="radio"/> Walking	Reason for Trip <input type="radio"/> Work <input type="radio"/> School <input type="radio"/> Health <input type="radio"/> Shopping <input type="radio"/> Social (entertainment, sports, visit to relatives etc.) <input type="radio"/> Religious (church, temple mosque) <input type="radio"/> Administrative issues (bank, taxes, application for personal documents)

<b>Trip 5</b>	Point of Origin <i>e.g. home, work etc.</i>	Approximate Distance (miles)	Mode of Transportation <input type="radio"/> Truck <input type="radio"/> Lorry/Canter <input type="radio"/> Bus <input type="radio"/> Van/4X4/Pick-up <input type="radio"/> Private car <input type="radio"/> Taxi <input type="radio"/> Boat <input type="radio"/> Motorcycle <input type="radio"/> Bicycle <input type="radio"/> Walking	Reason for Trip <input type="radio"/> Work <input type="radio"/> School <input type="radio"/> Health <input type="radio"/> Shopping <input type="radio"/> Social (entertainment, sports, visit to relatives etc.) <input type="radio"/> Religious (church, temple mosque) <input type="radio"/> Administrative issues (bank, taxes, application for personal documents)
<b>Trip 6</b>	Point of Origin <i>e.g. home, work etc.</i>	Approximate Distance (miles)	Mode of Transportation <input type="radio"/> Truck <input type="radio"/> Lorry/Canter <input type="radio"/> Bus <input type="radio"/> Van/4X4/Pick-up <input type="radio"/> Private car <input type="radio"/> Taxi <input type="radio"/> Boat <input type="radio"/> Motorcycle <input type="radio"/> Bicycle <input type="radio"/> Walking	Reason for Trip <input type="radio"/> Work <input type="radio"/> School <input type="radio"/> Health <input type="radio"/> Shopping <input type="radio"/> Social (entertainment, sports, visit to relatives etc.) <input type="radio"/> Religious (church, temple mosque) <input type="radio"/> Administrative issues (bank, taxes, application for personal documents)

## Section 7: Attitude

### » Conservation

How often do you turn off the lights when they are not in use? \*

q711

- ☐ Never
- ☐ Sometimes
- ☐ Often
- ☐ Always

How often do you unplug appliances when they are not in use? \*

q712

- ☐ Never
- ☐ Sometimes
- ☐ Often
- ☐ Always

How often do you leave the air-conditioning on when no one is expected to use the room? \*

q713

- ☐ Never
- ☐ Sometimes
- ☐ Often
- ☐ Always

#### » Conservation

If opening the windows would keep a room cool enough, how often do (or would) you choose to do this instead of using a fan? \*

q714: If the respondent does not have a fan, let him/her indicate what he/she would do if he/she had it

- ☐ Never
- ☐ Sometimes
- ☐ Often
- ☐ Always

If opening the windows would keep a room cool enough, how often do (or would) you choose to do this instead of using air-conditioning? \*

q715: If the respondent does not have AC, let him/her indicate what he/she would do if he/she had it

- ☐ Never
- ☐ Sometimes
- ☐ Often
- ☐ Always

How much attention do you pay to the amount of energy used in your household? \*

q716

- ☐ None
- ☐ Very little
- ☐ A fair amount
- ☐ Very much

I will now read a few statements. Please indicate the extent to which you agree or disagree with each of them. Please indicate whether you strongly disagree, disagree, neither agree nor disagree, agree or strongly agree.

» Conservation

I would conserve energy only if I could not afford to pay for it. \*

q721

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

If everyone tried to conserve energy at home, it would have a real impact on the country's overall energy consumption \*

q722

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

Overconsumption by individuals is contributing to energy problems \*

q723

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

People have a right to use as much energy as they want to use \*

q724

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

#### » Conservation

Energy problems will be solved by science so there is no need to conserve. \*

q725

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

When it comes to energy consumption in my household, comfort is more important than conservation. \*

q726

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

Energy conservation is an important responsibility that we have to future generations

\*

q727

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

Saving energy helps the environment

\*

q728

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

#### » Conservation

I look for products that are good for the environment

\*

q729

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

I am very concerned about the environment.

\*

q7210

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

Making my home energy efficient is good for the environment \*

q7211

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

People should try to use less energy to reduce global warming \*

q7212

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

» Conservation

We are using up our energy supplies too fast \*

q7213

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

Saving energy in the home helps me save money \*

q7214

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree



The cost of energy makes me want to conserve \*

q7215

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

I worry that the cost of energy for my home will increase \*

q7216

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

#### » Conservation

I sometimes worry whether there is enough money to pay my energy bill \*

q7217: This is the cost of all energy; not only GPL

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

I have already done everything I can to save energy in my home \*

q7218

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

I am too busy to be concerned with saving energy in my home \*

q7219

- ☐ Strongly disagree
- ☐ Disagree
- ☐ Neither agree nor disagree
- ☐ Agree
- ☐ Strongly agree

## » Conservation

How often do you monitor your energy consumption by tracking the readings on your energy meter and or bills? \*

q7\_3

- ☐ Never
- ☐ Once per year
- ☐ A few times per year
- ☐ About once per month
- ☐ A few times per month
- ☐ Every week

To what extent do you believe that your actions have an impact on the rate to global warming? \*

q7\_4

- ☐ No impact
- ☐ Very small impact
- ☐ Small impact
- ☐ Significant impact
- ☐ Very significant impact

What, if any, programmes, brands or labels do you know of that indicate that an appliance or piece of electronic equipment is energy-efficient? \*

q7\_5: **Do not read answer options to respondent**

- ☐ Energy Star
- ☐ Energy colour (or letter) codes on appliance
- ☐ Other
- ☐ Don't know

Specify other programmes, brands or labels \*

q7\_5a

Is there a business attached to the house?

\*

q7\_6: ***Do not ask the respondent***

☐ Yes

☐ No

Thank you for your time.

***Close the interview at this point and fill in the remaining two items without the help of the respondent.***

Interviewer: Please enter any comment that you would like to make about this interview