**Survey for households with access to electricity**

1. **General information**

Date: …../..… /….…

Location:

Number of user:

Interviewed information:

Name: ...

Age: ….

Role: ….

Sex: …

Education: ...

Work: …

Coordinates: …

TABLE 1

1. 1. How many **children 0-5** are in your family?

2. Which activities they do?

3. When/Where they do each activity?

b. **Children 5-17**

c. **Women over 17**

d. **Men 17-59**

e. **Men over 59**

TABLE 2

Describe your daily activities:

a. 1. What time do the **children 0-5** wake up?

2. Which is the activities time?

3. When do they return home?

4. When they go to sleep?

5. How seasonality affects the activities?

b. **Children 5-17**

c. **Women over 17**

d. **Men 17-59**

e. **Men over 59**

Do you have some change of the time schedule of the day in the weekend? In the different seasons?

A2. How many rooms there are in your household?

**B. Habits change**

B1. How the electrification has affected your habits?

* Wake up / go to sleep time
* Work / School time
* Lunch / Dinner time
* Free activities time

**C. Income**

C1. Which activity do you do as job?

* 1. Agriculture
     1. Land extension, kind of cultivation, production (self consumption/selling/trade), months

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* 1. Cattle breeding
     1. Quantity, kind, production (self consumption/selling/trade), months

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* 1. Seasonal work, months

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* 1. Self-employment (shop)

i. Which activity, months

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* 1. Receive help from family
  2. Receive subsidies
  3. ………………….

C2. How many times do you go to shop monthly/weekly? How much do you spend?

C3. Which goods do you buy?

C4. How often do you pay your electricity bill ?

* + - * Daily
      * Weekly
      * Monthly
      * Bimonthly
      * Threemonthly
      * Other (please specify)...................……..

C5. How much do you pay the bill on average every time? …...Bs

C6. Which is the monthly average electricity consumption of your household? (Do you have a meter? Do you check consumptions?)

C7. Do you have any comments about the electricity supply?

**D. Electricity use and supply**

D1. Which are the devices using electricity in the house?

**For each appliance:**

1. Which is the nominal power of the appliance Pij?
2. How many appliances of these type do you have?
3. How much time do you use it in a day?
4. In which part of the day do you use it? [i.e. 8:00 to 10:00 & 18:00 to 21:00]
5. How much time this appliance is ON at least? (minimum time)
6. Does the seasonality affect this time schedule?
7. When do you buy it?

D2. Which are the devices using electricity in the house before the electrification?

**For each appliance:**

1. Which is the nominal power of the appliance Pij?

2. How many appliances of these type do you have?

3. How much time do you use it in a day?

4. In which part of the day do you use it? [i.e. 8:00 to 10:00 & 18:00 to 21:00]

5. How much time this appliance is ON at least? (minimum time)

6. Does the seasonality affect this time schedule?

D3. Can you put in a priority and utility order the electric appliances? (appliances of the table before)

How much you’re willing to pay for these appliances?

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TABLE 3

**For each source**:

1. Do you use this source?
2. Which are the purpose? (more than one answer is allowed)
3. Where did you get it?
4. How much does it cost?
5. How much do you get it?
6. How many times do you get it in a week?
7. How do you transport it?
8. How much time do you need to transport it?

**E. Candles use and supply**

E1. Do you use candles at home?   □ Yes □ No

E2. How many candles do you buy? How much do the candles cost?

E3. Where do you buy it? How much time do you need for purchasing it?

**F. Cooking** (for cooking fuel supply see the table above)

F1. Is cooking done indoors, outdoors, both?

F2. With which frequency?

**G. Heating & Cooling**

G1. Do you have cold during the year?

G2. Which appliance do you use for heating?

G3. Do you have hot during the year?

G4. Which appliance do you use for cooling?

G5. Which is the material of house?

**H. Spatial Network**

**For each appliance:**

1. Do you have it?
2. Will you buy it?
3. How many owners/neightborhood of this appliance did you know when you buy it? (1)
4. How many owners/neightborhood of this appliance e do you know? (2)
5. Why? (2, no)

Note: