



## THE ENERGY-USE SURVEY 2008




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### *HOUSEHOLD QUESTIONNAIRE*

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SECTION 1A: IDENTIFICATION PARTICULARS									
1. DISTRICT:									
2. SUB-STRATUM: (Urban = 1, Rural = 2)									
3. COUNTY:									
4. SUB-COUNTY:									
5. PARISH:									
6. EA:									
7. SAMPLE NUMBER:									
8. HOUSEHOLD CODE:									
9. PANEL HOUSEHOLD : ( Yes=1, No=2)									
10. NAME OF HOUSEHOLD HEAD:									

THIS SURVEY IS BEING CONDUCTED BY THE UGANDA BUREAU OF  
STATISTICS IN COLLABORATION WITH MINISTRY OF FINANCE, PLANNING  
AND ECONOMIC DEVELOPMENT UNDER THE AUTHORITY OF THE UGANDA  
BUREAU OF STATISTICS ACT, 1998.

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## SECTION 1B: INTRODUCTION

### GREETINGS & INTRODUCTION

HULLO,

MY NAMES ARE .....AND I AM FROM UGANDA BUREAU OF STATISTICS. UGANDA BUREAU OF STATISTICS IN COLLABORATION WITH THE MINISTRY OF FINANCE, PLANNING AND ECONOMIC DEVELOPMENT AND MINISTRY OF ENERGY AND MINERAL DEVELOPMENT ARE CONDUCTING A NATIONWIDE SURVEY ON THE IMPACT OF POWER SHORTAGES AND INCREASED ELECTRICITY TARIFFS ON THE HOUSEHOLD SECTOR. SOME HOUSEHOLDS HAVE BEEN SELECTED TO PROVIDE INFORMATION ON ISSUES RELATED TO ENERGY-USE INCLUDING HOUSEHOLD CHARACTERISTICS SUCH AS HOUSING CONDITIONS/ ATTRIBUTES, ECONOMIC ACTIVITY, COPING STRATEGIES AND HOUSEHOLD INCOME AMONG OTHERS. THIS INFORMATION WILL HELP THE GOVERNMENT TO FORMULATE APPROPRIATE NATIONAL ENERGY POLICIES. THE INTERVIEW WILL TAKE ABOUT 30 MINUTES. THE INFORMATION YOU PROVIDE WILL BE KEPT STRICTLY CONFIDENTIAL AND WILL NOT BE SHARED WITH ANY OTHER PERSON. WE HOPE THAT YOU WILL PARTICIPATE IN THIS SURVEY SINCE YOUR VIEWS ARE IMPORTANT. IF YOU HAVE ANY QUESTIONS, YOU MAY ASK ME NOW OR CONTACT UGANDA BUREAU OF STATISTICS.

MAY I START NOW?

**IF PERMISSION IS GIVEN, BEGIN THE INTERVIEW. IF THE RESPONDENT DOES NOT AGREE TO CONTINUE, THANK HIM/HER, FILL IN THE INTERVIEW RESULT, AND GO TO THE NEXT INTERVIEW.**

1. INTERVIEWER'S NAME: _____ INTERVIEWER'S NUMBER: ____ ____ _____/_____/_____ DD MM YY		2. SUPERVISOR'S NAME: _____ SUPERVISOR'S NUMBER: ____ ____ _____/_____/_____ DD MM YY	
3. NAME OF PERSON INTERVIEWED: _____		4. RELATIONSHIP TO HEAD: ____ _____	
5. RESULT OF HH INTERVIEW: 1 = COMPLETED 2 = NOT AT HOME 3 = POSTPONED 4 = REFUSED 5 = PARTLY COMPLETED 6 = INCAPACITATED 7 = VACANT / UNOCCUPIED 8 = OTHER (SPECIFY): _____			
6. OFFICE EDITOR: ____ ____ _____/_____/_____ DD MM YY		7. DATA KEYED BY: ____ ____ _____/_____/_____ DD MM YY	

SECTION 2 – HOUSEHOLD INFORMATION			
ASK THE FOLLOWING QUESTIONS ABOUT THE HOUSEHOLD HEAD AND SPOUSE		Head .....	Spouse .....
1.	What is the sex of the household head/ Spouse? ( <b>CIRCLE RESPONSE</b> )	Male =1 Female = 2	Male =1 Female = 2
2.	What is the age of the household head/ spouse in COMPLETED years?	_ _  years	_ _  years
3.	Can the head of household/ spouse read and write in any language? ( <b>CIRCLE RESPONSE</b> )	Yes = 1 No = 2	Yes = 1 No = 2
4.	What is the highest level of education (NAME) attained?  None =00, Some schooling but did not complete p.1 =01, Completed P.1 =11, Completed P.2 =12, Completed P.3 =13, Completed P.4 =14, Completed P.5 =15, Completed P.6 =16, Completed P.7 =17, Completed Junior=21, Completed S.1 =31, Completed S.2 =32, Completed S.3 =33, Completed S4 =34, Completed S5 =35, Completed S6 =36, Post primary certificate =41, Post secondary Diploma =51, Degree and above =61 Don't know =99.	_ _	_ _
5.	What is (NAME'S) Employment status? Employer =1 Own Account Worker =2 Government Employees =3 Private Employees =4 Unpaid Family workers =5 Has job/enterprise but did not work =6 Not worked for at least one hour but looked for work =7 Not working and not looking work =8 Domestic Worker =9 Full Time student =10 Too young/Too old =11 Others (specify) =96	_	_
6.	What Category best describes the total Monthly Income of (NAME) in (YEAR)? Less Than Shs. 100,000 = 1 Shs. 100,000 – 299,000 = 2 Shs. 300,000 – 499,000 = 3 Shs. 500,000 – 699,000 = 4 Shs. 700,000 – 899,000 = 5 Shs. 900,000 and Above = 6	2005/2006  _  2007/2008  _  	2005/2006  _  2007/2008  _  

**SECTION 2 CONT'D – HOUSEHOLD INFORMATION**

7.	How many people <b>USUALLY LIVE</b> in this household (including children in boarding school)?	_ _		
8.	Please, record the <b>NUMBER OF</b> males and females in the listed age categories respectively		<b>Male</b>	<b>Female</b>
		a - 0 – 5 yrs	_ _	_ _
		b - 6 – 12 yrs	_ _	_ _
		c - 13 – 15 yrs	_ _	_ _
		d - 16 – 18 yrs	_ _	_ _
		e - 19 – 49 yrs	_ _	_ _
		f - 50 – 60 yrs	_ _	_ _
9.	How many people in this household are currently attending school?		<b>Male</b>	<b>Female</b>
		a - Nursery	_ _	_ _
		b - Primary	_ _	_ _
		c - Secondary	_ _	_ _
		d - University	_ _	_ _
		e - Vocational/technical	_ _	_ _
10.	Do you or your household own or rent this dwelling/building? ( <b>CIRCLE RESPONSE</b> )	1	Own ( <b>Skip to 12</b> )	
		2	Don't own but live for free ( <b>Skip to 12</b> )	
		3	Rent	
11.	How much do you pay per month for rent?	UG Shs	_ _ _ , _ _ _ , _ _ _	
12.	How many units/ rooms does <b>your household</b> occupy (excluding kitchen)?	Units/Rooms  _ _		
13.	What is the <b>MAIN</b> source of lighting for this house? ( <b>CIRCLE RESPONSE</b> )	1	Kerosene, oil, gas lantern	
		2	Electricity	
		3	Generator	
		4	Candles, firewood	
		5	Solar panel	
		6	No lighting	
		9	Other, specify.....	
14.	What is your <b>MAIN</b> source of cooking fuel? ( <b>CIRCLE RESPONSE</b> )	1	Charcoal	
		2	Firewood	
		3	Kerosene	
		4	Gas cylinder	
		5	Electricity	
		9	Other, specify .....	

SECTION 3: ACCESS TO AND UTILISATION OF GRID ELECTRICITY				
			2005/06	2007/08
1.	Did/does this house have an electricity connection in [YEAR]?	<b>YES = 1</b> <b>NO = 2</b>	<b>IF code 2 for 2005/06, Ask question for the year 2007/08. IF NO in 2007/08, skip to next section</b>	
2.	Did/does this house have an Electricity meter in [YEAR]?	<b>YES = 1</b> <b>NO = 2</b>		
3.	What Did/does your household use electricity for in [YEAR]?  <b>Circle as many as mentioned by the respondent</b>	Interior lighting ..... A Exterior lighting..... B Cooking + other kitchen appliances..... C Laundry (washing and/or ironing) ..... D Housecleaning.....E Entertainment (radio, television, etc).....F Refrigeration ..... G Computer .....H Charging mobile/ other rechargeable.....I Charging invertors.....J Other ( <i>specify</i> )..... X	A B C D E F G H I J X	A B C D E F G H I J X
4.	On a typical day, for how many hours did/do you use Electricity?	<b>[RECORD THE NUMBER OF HOURS (00 to 24)]</b>		
5.	<b>IF THE NUMBER OF HOURS REDUCED FROM ONE YEAR TO ANOTHER ASK QUESTION 5, OTHERWISE SKIP TO QN 6</b>  State why the hours of electricity use reduced :	<b>LOAD SHEDDING = A</b> <b>INCREASED TARIFFS = B</b> <b>STOPPED CONNECTION = C</b> <b>CHANGED LOCATION/ RESIDENCE = D</b> <b>OTHER (SPECIFY) = E</b>	A B C D E	A B C D E
6.	In a typical week, on how many days did/do you experience load Shedding in [YEAR]?	<b>[RECORD THE NUMBER OF DAYS (1 to 7), IF NONE ENTER '0' and SKIP TO QUESTION 8]</b>		

SECTION 3 (CONT'D): ACCESS TO AND UTILISATION OF GRID ELECTRICITY				
			2005/06	2007/08
7.	On these days (see Q.6), how many hours of load shedding do/ did you experience in [YEAR]?	<i>[RECORD THE NUMBER OF HOURS (00 to 24)]</i>	_ _	_ _
8.	What were/are the <b>MAJOR</b> mode of payment for the electricity used by this household in [YEAR]?	PAY ACCORDING TO ELECTRICITY BILL = 1 PAY RENT INCLUSIVE OF ELECTRICITY = 2 ELECTRICITY IS SUBSIDIZED BY EMPLOYER = 3 FLAT RATE/NO METER = 4 NO ELECTRICITY BILLS/PAYMENTS = 5 OTHER (SPECIFY): ..... = 9	_	_
9.	What was/is the average monthly bill/expenditure on electricity in [YEAR]?	<i>[STATE THE AMOUNT IN UGANDA SHILLINGS] if code 1,3,4 or 6 in Q.8</i>	_ _ _ _ _ _ _	_ _ _ _ _ _ _
10.	Was/ is the monthly electricity bill affordable?	YES = 1 NO = 2	_	_
11.	What proportion of your household's monthly income was/is spent on electricity in [YEAR]?	MORE THAN 20% = 1 10 TO 20% = 2 5 TO 10% = 3 LESS THAN 5% = 4 NONE = 5	_	_
12.	Did/does your household have any arrears with the electricity service provider in [YEAR]?	YES = 1 NO = 2 >> QUESTION 14	_	_
13.	Over what period you did/have accumulated the arrears in [YEAR]?	LESS THAN A MONTH = 1 1-2 MONTHS = 2 3-4 MONTHS = 3 OVER 4 MONTHS = 4	_	_

SECTION 3 (CONT'D): ACCESS TO AND UTILISATION OF GRID ELECTRICITY			
THE FOLLOWING QUESTIONS REFER TO THE LAST 3 YEARS (PERIOD BETWEEN 2005-2008) AND SHOULD BE ASKED TO THE CONTROL GROUP AS WELL			
14.	How did the electricity crisis affect you in the last 3 years?  <i>E.g. kids not able to do homework in dark, security problems, job loss, irregular working hours, food spoilage, appliances broken...</i>		<b>CODE</b>
		i)	
		ii)	
		iii)	
15.	How did you/your household cope with power shortages in you community?  <i>e.g. energy saving bulbs, use less electricity by switching of lights, stop connection, ... use alternative energy sources: LIST THEM</i>		<b>CODE</b>
		i)	
		ii)	
		iii)	
16.	On a scale of 1 to 5 where 1 stands for very high satisfaction and 5 for the least satisfaction, COMPARE ELECTRICITY PROVISION WITH OTHER BASIC SERVICES IN YOUR COMMUNITY in the last 3 years.  <b>Rank the services according to your satisfaction with the quality affordability and accessibility</b>		<b>RANK</b>
		Roads	
		Sanitation (Toilets)	
		Water	
		Electricity	
		Refuse collection	
17.	Has your household ever been offered an illegal connection in the last 3 years?	YES = 1 NO = 2 >> SECTION 4A	_
18.	Who made the offer?	FRIEND = 1 UMEME OFFICER = 2 ELECTRICAL TECHNICIAN = 3 OTHER (SPECIFY)..... = 4	_

SECTION 4A: ALTERNATIVES TO GRID ELECTRICITY				
1.	What alternative sources of energy did/does your household use for lighting?	GENERATOR = A SOLAR ENERGY = B PARAFFIN LAMP/PRESSURE LAMP = C GAS LAMP = D BATTERY LAMP/TORCH = E CANDLES = F TADOOBA = G OTHER (SPECIFY)..... = X	2005/06	2007/08
	Circle as many as mentioned by the respondent		A B C D E F G X	A B C D E F G X
2.	What alternative sources of energy did/does your household use for cooking and boiling water?	GENERATOR = A SOLAR ENERGY = B LIQUID PROPANE GAS (LPG) = C NATURAL GAS = D BIOGAS = E KEROSENE = F CHARCOAL = G FIREWOOD = H STRAW/SHRUBS/GRASS = I ANIMAL DUG = J OTHER (SPECIFY)..... = X	A B C D E F G H I J X	A B C D E F G H I J X
3.	What alternative sources of energy did/does your household use for refrigeration?	GENERATOR = A SOLAR ENERGY = B KEROSENE = C CHARCOAL = D NONE = E OTHER (SPECIFY)..... = X	A B C D X	A B C D X
4.	What alternative sources of energy did/does your household use for Entertainment (music, radio, television)?	GENERATOR = A SOLAR ENERGY = B BATTERIES/ DRY CELLS = C OTHER (SPECIFY)..... = X	A B C X	A B C X
	Circle as many as mentioned by the respondent			



## SECTION 4 B: FOR ENERGY SOURCES MENTIONED IN SECTION 4A

1.ENERGY SOURCE	2. How many [ENERGY SOURCE] does the household use?	3. In which year was the [ENERGY SOURCE] purchased?  <i>List three most recent starting with oldest</i>			4. What was the original purchase cost on the [ENERGY SOURCE]?			5. what is your current monthly expenditure on the [ENERGY SOURCE]? Ug Shs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		First	Second	Third	First	Second	Third	
1) Generator								
2) Solar panel								
3) Paraffin lamp/pressure lamp								
4) Gas lamp								
5) Battery lamp/torch								
6) Liquid Propane Gas (LPG) cylinder								
7) Tadooba								
8) Candles								
9) Natural gas								
10) biogas								
11) kerosene								
12) charcoal								
13) firewood								
14) straw/shrubs/grass								
15) animal dung								
16) other, specify.....								
17) other, specify.....								
18) other, specify.....								
19) other, specify.....								

## SECTION 5: HOUSEHOLD APPLIANCES

This section seeks information on electric appliances that are fed by grid electricity.

TYPE OF APPLIANCE	APPLIANCE CODE	Does any member of your household own a fully functional [NAME OF APPLIANCE] at present?  1=Yes 2=No (>> 6)	How many [NAME OF APPLIANCE] does your household use at present?	On average how many hours of the day is [NAME OF APPLIANCE] in use?	Did any member of your household own a fully functional [NAME OF APPLIANCE] in 2005?  1=Yes 2=No (>> NEXT APPLIANCE)	How many [NAME OF APPLIANCE] did your household use in 2005?	Compared with 2005, would you say that your usage of [APPLIANCE] is...  1= Much more now? 2= More now? 3= About equal? 4= Less now? 5= Much less now?  If 1,2 or 3>> NEXT APPLIANCE	IF 4 OR 5 IN COLUMN 8 What is the reason for this change in use of [APPLIANCE]?  1= appliance broken 2= High costs of electricity 3= Power outages 4= Alternatives 5= No longer necessary
1	2	3	4	5	6	7	8	9
Radio	001							
Radio cassette	002							
DVD/CD player/VCR	003							
Television	004							
Refrigerator	005							
Electric cooker	006							
Dishwasher.	007							
Washing machine	008							
Computer	009							
Electric iron	010							
Electric Kettle	011							
Water heater	012							
Electric inverter	014							
Mobile phone	016							
Video game	017							
Normal bulbs	019							
Energy saver bulbs	020							
Fluorescent tubes	021							
Other, specify.....	027							
Other, specify.....	028							

## SECTION 6: HOUSEHOLD CONSUMPTION EXPENDITURE

### (Part A) Food, Beverage, and Tobacco (During the Last 7 Days)

Item Description	Code	Purchases	Consumption out of household /enterprise stock	Received in-kind/Free
		Value in Ug. Shs	Value in Ug. Shs	Value in Ug. Shs
1	2	3	4	5
Food items	101			
Soda*	102			
Beer*	103			
Other Alcoholic drinks	104			
Juice/ other drinks	105			
Cigarettes	106			
Other Tobacco	107			
Expenditure in Restaurants on: 1. Food	108			
2. Soda	109			
3. Beer	110			
4. Other juice	111			

\* Sodas and Beers to be recorded here are those that are not taken with food in restaurants.

## SECTION 6B: HOUSEHOLD CONSUMPTION EXPENDITURE

### (Part B) Non-Durable Goods and Frequently Purchased Services (During the last 30 days)

Item Description	Code	Purchases	Home produced	Received in-kind/Free
		Value in Ug. Shs	Value in Ug. Shs	Value in Ug. Shs
1	2	3	4	5
<b>Rent &amp; utilities</b>				
House rent (imputed if house is free or own)	201			
Water	202			
Electricity	203			
Other fuels/ sources of energy	204			
Others Specify.....	205			
<b>Non-durable and Personal Goods</b>				
Toiletries and cosmetics	206			
Handbags, travel bags etc	207			
Batteries (Dry cells)/ matches	208			
Newspapers and Magazines	209			
Others Specify.....	210			

**SECTION 6B (CONT'D): HOUSEHOLD CONSUMPTION EXPENDITURE**  
**(Part B) Non-Durable Goods and Frequently Purchased Services (During the last 30 days)**

Item Description	Code	Purchases	Home produced	Received in-kind/Free
		Value in Ug. Shs	Value in Ug. Shs	Value in Ug. Shs
1	2	3	4	5
<b>Transport and communication</b>				
Fuel, service and repair of vehicle	211			
Transport fares	212			
Air time & services fee for owned fixed/ mobile phones	213			
Expenditure on phones not owned/ postage	214			
Others Specify.....	215			
<b>Other services</b>				
Health and Medical Care	216			
Sports, theaters, etc	217			
Dry Cleaning and Laundry	218			
Houseboys/ girls, Shamba boys etc	219			
Barber and Beauty Shops	220			
Expenses in hotels, lodging, etc	221			

**SECTION 6C: HOUSEHOLD CONSUMPTION EXPENDITURE**  
**(Part C) Semi-Durable Goods and Durable Goods and Services (During the last 365 days)**

Item Description	Code	Purchases	Consumption out of household /enterprise stock	Received in-kind/Free
		Value in Ug. Shs	Value in Ug. Shs	Value in Ug. Shs
1	2	3	4	5
Clothing and Footwear (including repairs, tailoring & materials)	301			
Furniture, Upholstery, Furnishing items (including repairs)	302			
Household Appliances and Equipment	303			
Glass/ Table ware, Utensils, Crockery etc	304			
Education	305			
Household functions, Insurance premiums and other services N.E.S	306			

**SECTION 6D: NON-CONSUMPTION EXPENDITURE**

Item description	Code	Value during the last 12 months
1	2	3
Taxes	401	
User fees and charges	402	
Pension and social security payments	403	
Remittances, gifts, and other transfers	404	
Funerals and other social functions	405	
Others (like subscriptions, interest to consumer debts, etc.)	406	

**SECTION 7: HOUSEHOLD ENTERPRISES**

1. Over the past 3 years, has anyone in your household operated any **non-agricultural enterprise** which produces goods or services (for example, artisan, metalworking, tailoring, repair work; also include processing and selling your outputs from your own crops if done regularly) or has anyone in your household owned a shop or operated a trading business or profession?

1= YES

2=NO

*IF CODE 1 COMPLETE ENTERPRISE QUESTIONNAIRE*

**Thank you for your cooperation.**

**REMARKS:**

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