
Using high-frequency household surveys to describe energy use in rural North India during the COVID-19 pandemic

In the format provided by the authors and unedited

Supplementary Information Table of Contents

Supplementary Note 1. Supplemental Information, Tables, and Figures	Page 2
Supplementary Note 2. Survey instruments	Page 40
Baseline Bihar Survey	Page 41
High-frequency Bihar survey	Page 64
Baseline Jharkhand survey	Page 77
6 th Round Jharkhand repeat survey (English)	Page 105
6 th Round Jharkhand repeat survey (Hindi)	Page 119

Supplementary Note 1. Supplemental Information, Tables, and Figures

Considerations for revision of survey questions

Several questions asked participants to compare their current practices and experiences with their practices and experiences during a different (prior) time period. Specifically, we asked participants to compare their practices and experiences during lockdown as compared to before lockdown. Given that some participants would be in the midst of a lockdown and others would be out of lockdown, we phrased parallel questions dependent on the current status of lockdowns, i.e., “In comparison to before the lockdown, how much does the household enjoy cooking with LPG?” and “Thinking back to during lockdown, how much did the household enjoy cooking with LPG as compared to before the lockdown.” However, in analysis, questions that asked participants to think back to during lockdown were difficult to interpret (and also uncommon as enumerators and participants interpreted the question to be contemporaneous experiences for the most part) and were not included in the present study. We suggest that future studies focus on contemporaneous experiences and patterns rather than comparisons with potentially-shifting baselines. While specific questions that vary according to the timing of surveys in relation to current events and thus across study rounds can provide useful insight, they make survey implementation more challenging as enumerators need to be trained to ask questions differently and to ensure that participants do not misinterpret similarly-worded, but ultimately distinct, questions across rounds. Further, as we advocate the deployment of these surveys during “normal”, non-exceptional periods, fixed baselines are likely beneficial.

Second, we sought to learn about participants’ experiences and knowledge surrounding the Government of India’s three free cylinder scheme. However, if participants reported to not be aware of the policy, the participants were informed of some information about the program and the remainder of the module was skipped. This skip pattern was retained in all survey rounds and thus not all participants were asked about their experiences each round, despite having been informed of the program either before the study or in round one. Thus, round-by-round results related to the program were difficult to interpret. Furthermore, participants in each round were asked how many cylinders they had obtained via the program; in some cases, participants reported different values. Our experiences highlight the importance ensuring appropriate skip patterns in all survey rounds. Additionally, it is possible that different members of the household served as participants across rounds; thus, it is possible that some household members were unaware of the program even in later rounds after the same household reported having been aware of the program. Questions related to participants’ awareness of the same program may not be in all survey rounds. In the future, we may also suggest that studies either focus on program utilization in a specified time frame or about utilization over the full study period only asked in the final survey round.

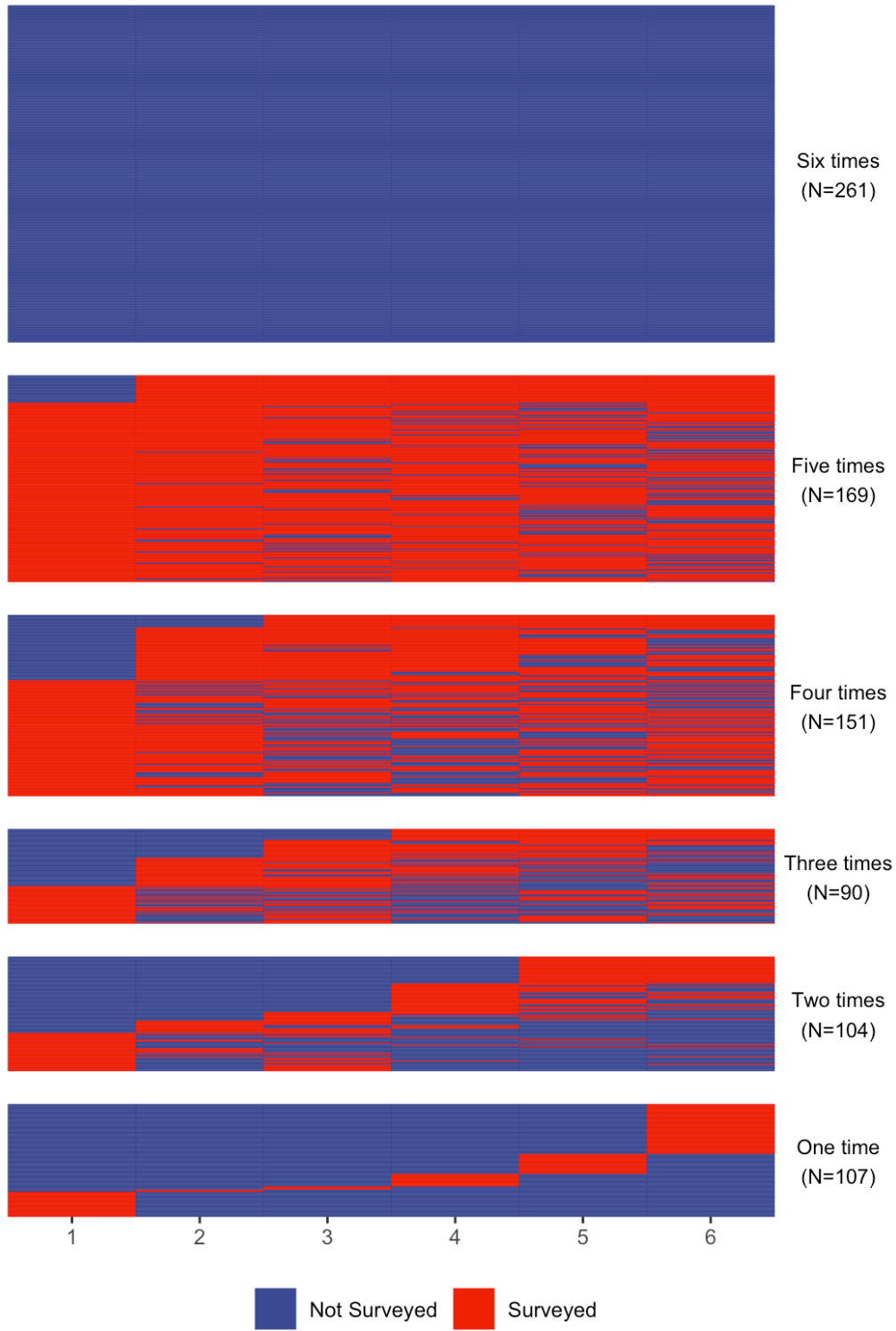
Supplementary Table 1. Timing of survey rounds

Jharkhand

	Start	End
Round 1	2020-07-23	2020-08-22
Round 2	2020-09-24	2020-10-21
Round 3	2020-11-28	2020-12-18
Round 4	2021-03-08	2021-04-22
Round 5	2021-05-13	2021-06-02
Round 6	2021-06-15	2021-07-05

Bihar

	Start	End
Round 1	2021-02-15	2021-02-18
Round 2	2021-02-24	2021-02-27
Round 3	2021-03-02	2021-03-06
Round 4	2021-03-09	2021-03-12
Round 5	2021-03-16	2021-03-20
Round 6	2021-03-23	2021-03-27
Round 7	2021-03-31	2021-04-05
Round 8	2021-04-06	2021-04-09



Supplementary Figure 1. Diagram of repeated observations among Jharkhand participants across study rounds

Supplementary Table 2. Baseline characteristics of Jharkhand households

	Not sampled (N=558)	Sampled (N=882)	Total (N=1440)	P value^a
Respondent age				< 0.001
Mean (SD)	44.4 (15.2)	37.5 (13.5)	40.2 (14.6)	
Range	18 - 90	18 - 83	18 - 90	
Read and write native language?				< 0.001
Mean (SD)	236 (42%)	598 (68%)	834 (58%)	
Household head education				< 0.001
No formal schooling	293 (52.5%)	268 (30.4%)	561 (39.0%)	
Up to 5 th standard	158 (28.3%)	257 (29.1%)	415 (28.8%)	
Up to 10 th standard	76 (13.6%)	200 (22.7%)	276 (19.2%)	
12 th standard or diploma	22 (3.9%)	89 (10.1%)	111 (7.7%)	
Graduate and above	9 (1.6%)	68 (7.7%)	77 (5.3%)	
Religion				< 0.001
Hindu	370 (66.3%)	602 (68.3%)	972 (67.5%)	
Muslim	41 (7.3%)	116 (13.2%)	157 (10.9%)	
Christian	34 (6.1%)	35 (4.0%)	69 (4.8%)	
Sarna	112 (20.1%)	127 (14.4%)	239 (16.6%)	
Other	1 (0.2%)	2 (0.2%)	3 (0.2%)	
Caste				< 0.001
Scheduled caste	121 (21.7%)	129 (14.6%)	250 (17.4%)	
Scheduled tribe	168 (30.1%)	207 (23.5%)	375 (26.0%)	
General	214 (38.4%)	415 (47.1%)	629 (43.7%)	
Other backward class	55 (9.9%)	131 (14.9%)	186 (12.9%)	
Household ration card				0.253
None	87 (15.6%)	167 (18.9%)	254 (17.6%)	
Above poverty line (APL)	148 (26.5%)	244 (27.7%)	392 (27.2%)	
Below poverty line (BPL)	265 (47.5%)	377 (42.7%)	642 (44.6%)	
Antyodaya	58 (10.4%)	94 (10.7%)	152 (10.6%)	
How much is your expenditure on household needs in a typical month?				0.012
Mean (SD)	4326 (2841)	4770 (3472)	4598 (3248)	
Range	500 - 20000	700 - 30000	500 - 30000	
Gender of decision maker				0.460
Male head of household	295 (52.9%)	491 (55.7%)	786 (54.6%)	
Female head of household	38 (6.8%)	66 (7.5%)	104 (7.2%)	
Jointly	214 (38.4%)	314 (35.6%)	528 (36.7%)	
Other	11 (2.0%)	11 (1.2%)	22 (1.5%)	
Primary source of household lighting				0.004
Grid electricity	365 (65.4%)	657 (74.5%)	1022 (71.0%)	
Kerosene lamp / lantern	165 (29.6%)	182 (20.6%)	347 (24.1%)	
Micro-grid	1 (0.2%)	1 (0.1%)	2 (0.1%)	
Solar home system / lantern	24 (4.3%)	36 (4.1%)	60 (4.2%)	
Other	3 (0.5%)	6 (0.7%)	9 (0.6%)	

Grid electrified				< 0.001
No	112 (20.1%)	107 (12.1%)	219 (15.2%)	
Yes	446 (79.9%)	775 (87.9%)	1221 (84.8%)	
How many years ago was your house connected to the grid?				< 0.001
Mean (SD)	5.8 (5.5)	7.4 (6.8)	6.8 (6.4)	
Range	0.04 - 35	0.01 - 40	0.01 - 40	
Uses kerosene lamps for lighting				0.149
No	92 (16.5%)	121 (13.7%)	213 (14.8%)	
Yes	466 (83.5%)	761 (86.3%)	1227 (85.2%)	
Primary cooking fuel				< 0.001
Firewood and chips	444 (79.6%)	567 (64.3%)	1011 (70.2%)	
Dung cakes	16 (2.9%)	47 (5.3%)	63 (4.4%)	
LPG	65 (11.6%)	175 (19.8%)	240 (16.7%)	
Coal	33 (5.9%)	93 (10.5%)	126 (8.8%)	
Has LPG				< 0.001
No	301 (53.9%)	361 (40.9%)	662 (46.0%)	
Yes	257 (46.1%)	521 (59.1%)	778 (54.0%)	
How many years ago did your house begin to use LPG?				0.024
Mean (SD)	1.6 (1.6)	2.1 (2.9)	1.9 (2.5)	
Range	0.01 - 11	0.01 - 30	0.01 - 30	

^a P-values for continuous variables are derived from a Linear ANOVA; P-Values for categorical variables are derived from a Pearson's Chi-squared test.

Supplementary Table 3. Comparison of baseline characteristics of Jharkhand participants across survey rounds

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)	p value ^a
Respondent age							0.920
Mean (SD)	37.9 (13.6)	37.6 (13.4)	37.8 (13.8)	37.9 (13.3)	37.6 (13.4)	37.1 (13.0)	
Range	18 - 82	18 - 83	18 - 83	18 - 72	18 - 83	18 - 78	
Read and write native language?							0.996
Mean (SD)	412 (69%)	415 (69%)	416 (69%)	414 (69%)	415 (69%)	421 (70%)	
Household head education							1.000
No formal schooling	184 (30.7%)	170 (28.3%)	180 (30.0%)	172 (28.7%)	170 (28.3%)	166 (27.7%)	
Up to 5 th standard	168 (28.0%)	172 (28.7%)	174 (29.0%)	179 (29.8%)	174 (29.0%)	172 (28.7%)	
Up to 10 th standard	138 (23.0%)	139 (23.2%)	134 (22.3%)	136 (22.7%)	137 (22.8%)	149 (24.8%)	
12 th standard or diploma	59 (9.8%)	67 (11.2%)	62 (10.3%)	62 (10.3%)	68 (11.3%)	64 (10.7%)	
Graduate and above	51 (8.5%)	52 (8.7%)	50 (8.3%)	51 (8.5%)	51 (8.5%)	49 (8.2%)	
Religion							1.000
Hindu	410 (68.3%)	410 (68.3%)	422 (70.3%)	425 (70.8%)	414 (69.0%)	410 (68.3%)	
Muslim	87 (14.5%)	81 (13.5%)	77 (12.8%)	80 (13.3%)	80 (13.3%)	84 (14.0%)	
Christian	21 (3.5%)	23 (3.8%)	22 (3.7%)	20 (3.3%)	20 (3.3%)	19 (3.2%)	
Sarna	81 (13.5%)	85 (14.2%)	78 (13.0%)	74 (12.3%)	84 (14.0%)	85 (14.2%)	
Other	1 (0.2%)	1 (0.2%)	1 (0.2%)	1 (0.2%)	2 (0.3%)	2 (0.3%)	
Caste							0.994
Scheduled caste	84 (14.0%)	77 (12.8%)	79 (13.2%)	90 (15.0%)	89 (14.8%)	82 (13.7%)	
Scheduled tribe	129 (21.5%)	137 (22.8%)	129 (21.5%)	121 (20.2%)	127 (21.2%)	137 (22.8%)	
General	291 (48.5%)	297 (49.5%)	299 (49.8%)	302 (50.3%)	287 (47.8%)	294 (49.0%)	
Other backward class	96 (16.0%)	89 (14.8%)	93 (15.5%)	87 (14.5%)	97 (16.2%)	87 (14.5%)	
Household ration card							1.000

None	124 (20.7%)	120 (20.0%)	113 (18.8%)	122 (20.3%)	124 (20.7%)	115 (19.2%)	
Above poverty line (APL)	169 (28.2%)	169 (28.2%)	166 (27.7%)	158 (26.3%)	167 (27.8%)	163 (27.2%)	
Below poverty line (BPL)	240 (40.0%)	249 (41.5%)	253 (42.2%)	257 (42.8%)	242 (40.3%)	253 (42.2%)	
Antyodaya	67 (11.2%)	62 (10.3%)	68 (11.3%)	63 (10.5%)	67 (11.2%)	69 (11.5%)	
How much is your expenditure on household needs in a typical month?							0.975
Mean (SD)	4734 (3411)	4710 (3515)	4762 (3490)	4859 (3709)	4718 (3415)	4702 (3525)	
Range	1000 - 25000	1000 - 30000	1000 - 30000	700 - 30000	1000 - 30000	1000 - 30000	
Gender of decision maker							0.824
Male head of household	339 (56.5%)	326 (54.3%)	340 (56.7%)	316 (52.7%)	323 (53.8%)	347 (57.8%)	
Female head of household	49 (8.2%)	47 (7.8%)	48 (8.0%)	46 (7.7%)	39 (6.5%)	36 (6.0%)	
Jointly	205 (34.2%)	221 (36.8%)	207 (34.5%)	233 (38.8%)	230 (38.3%)	212 (35.3%)	
Other	7 (1.2%)	6 (1.0%)	5 (0.8%)	5 (0.8%)	8 (1.3%)	5 (0.8%)	
Primary source of household lighting							0.950
Grid electricity	454 (75.7%)	446 (74.3%)	441 (73.5%)	437 (72.8%)	443 (73.8%)	450 (75.0%)	
Kerosene lamp / lantern	111 (18.5%)	128 (21.3%)	131 (21.8%)	133 (22.2%)	129 (21.5%)	121 (20.2%)	
Micro-grid	1 (0.2%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.2%)	
Solar home system / lantern	28 (4.7%)	24 (4.0%)	23 (3.8%)	26 (4.3%)	23 (3.8%)	25 (4.2%)	
Other	6 (1.0%)	1 (0.2%)	5 (0.8%)	4 (0.7%)	5 (0.8%)	3 (0.5%)	
Grid electrified							0.958
No	66 (11.0%)	69 (11.5%)	74 (12.3%)	73 (12.2%)	74 (12.3%)	67 (11.2%)	
Yes	534 (89.0%)	531 (88.5%)	526 (87.7%)	527 (87.8%)	526 (87.7%)	533 (88.8%)	
How many years ago was your house connected to the grid?							0.962
Mean (SD)	7.8 (7.1)	7.6 (7.1)	7.5 (6.9)	7.5 (6.8)	7.8 (7.1)	7.4 (7.2)	

Range	0.08 - 40	0.01 - 40	0.01 - 40	0.01 - 40	0.01 - 40	0.08 - 40	
Uses kerosene lamps for lighting							0.874
No	88 (14.7%)	80 (13.3%)	75 (12.5%)	80 (13.3%)	82 (13.7%)	88 (14.7%)	
Yes	512 (85.3%)	520 (86.7%)	525 (87.5%)	520 (86.7%)	518 (86.3%)	512 (85.3%)	
Primary cooking fuel							0.974
Firewood and chips	375 (62.5%)	379 (63.2%)	379 (63.2%)	359 (59.8%)	376 (62.7%)	380 (63.3%)	
Dung cakes	31 (5.2%)	29 (4.8%)	30 (5.0%)	36 (6.0%)	37 (6.2%)	29 (4.8%)	
LPG	125 (20.8%)	134 (22.3%)	126 (21.0%)	130 (21.7%)	122 (20.3%)	130 (21.7%)	
Coal	69 (11.5%)	58 (9.7%)	65 (10.8%)	75 (12.5%)	65 (10.8%)	61 (10.2%)	
Has LPG							0.891
No	229 (38.2%)	217 (36.2%)	236 (39.3%)	230 (38.3%)	235 (39.2%)	226 (37.7%)	
Yes	371 (61.8%)	383 (63.8%)	364 (60.7%)	370 (61.7%)	365 (60.8%)	374 (62.3%)	
How many years ago did your house begin to use LPG?							0.924
Mean (SD)	2.1 (2.9)	2.2 (2.9)	2.0 (2.5)	2.1 (2.7)	2.2 (3.3)	2.2 (3.1)	
Range	0.01 - 30	0.01 - 30	0.01 - 25	0.01 - 30	0.02 - 30	0.01 - 30	

^a P-values for continuous variables are derived from a Linear ANOVA; P-Values for categorical variables are derived from a Pearson's Chi-squared test.

Supplementary Table 4. Baseline characteristics of Bihar participants

	Overall (N=203)
District	
Gopalganj	4 (2%)
Nawada	5 (2%)
Patna	5 (2%)
Rohtas	50 (25%)
Samastipur	6 (3%)
Saran	62 (31%)
Siwan	23 (11%)
Supaul	48 (24%)
Participant characteristics	
Relation to head of the household	
Self	4 (2%)
Spouse	137 (67%)
Mother/father	1 (0%)
Son/daughter	5 (2%)
Father in law/Mother in law	55 (27%)
Other	1 (0%)
Age, years	
Mean (SD)	35.5 (10.8)
Median (IQR)	35 (27, 45)
Range	18 - 68
Gender	
Male	1 (0%)
Female	202 (100%)
Marital status	
Never married	5 (2%)
Married with spouse	198 (98%)
Occupation	
Housework	175 (86%)
Farming	8 (4%)
Laborer	5 (2%)
Government employee	2 (1%)
Private employee	1 (0%)
Business	1 (0%)
Studying	1 (0%)
Unemployed	10 (5%)
Household characteristics	
Number of adults living in the household permanently	
Mean (SD)	5.1 (2.7)
Median (IQR)	4 (3, 6)
Range	2 - 22
Number of children (0-18 years) living in the household permanently	
Mean (SD)	2.72(1.9)
Median (IQR)	3.0 (1.5, 3.0)
Range	0 - 10
How many children are studying	
Mean (SD)	2.3 (1.7)
Median (IQR)	2 (1, 3)
Range	0 - 8

Religion	
Hindu	160 (79%)
Muslim	43 (21%)
Government caste	
Scheduled caste	30 (15%)
Scheduled tribe	5 (2%)
Other backward class	115 (57%)
General	53 (26%)
Highest level of education achieved by the household head	
No formal education	32 (16%)
Primary	36 (18%)
Secondary	29 (14%)
High school	38 (19%)
College	34 (17%)
Graduate / Post graduate	34 (17%)
Highest level of education achieved by a female in the household	
No formal education	43 (21%)
Primary	26 (13%)
Secondary	28 (14%)
High school	39 (19%)
College	37 (18%)
Graduate / Post graduate	30 (15%)
Does your household have a government ration card?	
No	50 (25%)
Yes	153 (75%)
If yes, what kind is it?	
Above Poverty Line	69 (45%)
Below Poverty Line	73 (48%)
Antyodaya	7 (5%)
Other	4 (3%)
Primary source of income for the family	
Agriculture on own land	69 (34%)
Cultivation on leased land	12 (6%)
Casual agricultural labor	4 (2%)
Salaried job	24 (12%)
Cattle rearing	2 (1%)
Own business	19 (9%)
Day labor	73 (36%)
Typical monthly expenditure on household needs	
Mean (SD)	7800 (2967)
Median (IQR)	8000 (6000, 10000)
Range	2500 - 20000
Does anybody in the house have a bank account?	
No	9 (4%)
Yes	194 (96%)
Who in the household makes decisions on the purchase of durable goods?	
Male head of household	95 (47%)
Female head of household	1 (0%)
Joint male and female head of household	106 (52%)
Other	1 (0%)
Cooking and cooking fuel characteristics	
Primary stove	
Traditional solid fuel mud stove	49 (24%)

LPG stove	154 (76%)
Main cooking fuel	
Firewood	28 (14%)
Agricultural residues	7 (3%)
Dung cakes	14 (7%)
LPG	154 (76%)
Secondary cooking fuels used	
Firewood	145 (71%)
Agricultural residues	80 (39%)
Dung cakes	96 (47%)
Charcoal	5 (2%)
Kerosene	6 (3%)
LPG	48 (24%)
Typical cooking location	
In main house: no separate room	55 (27%)
In main house: separate room	144 (71%)
Outside of main house: separate room	2 (1%)
Outside of main house: open air	1 (0%)
Veranda or covered porch	1 (0%)
How many months have you owned LPG	
Mean (SD)	48.3 (34.6)
Median (IQR)	36 (24, 60)
Range	3 - 240
Did you receive the LPG connection under PMUY?	
No	117 (58%)
Yes	85 (42%)
How much did you pay the distributor for your last large LPG cylinder refill?	
Mean (SD)	781 (65)
Median (IQR)	800 (730, 825)
Range	580 - 1000
Is the domestic gas cylinder delivered to your doorstep?	
No	85 (42%)
Yes	117 (58%)
If no, what is the one-way distance to acquire domestic gas cylinder refills? (km)	
Mean (SD)	4.0 (4.6)
Median (IQR)	2 (1, 4.)
Range	1 - 25
Is the domestic gas cylinder delivered to a village center or common space?	
No	39 (46%)
Yes	46 (54%)
How many days does it usually take between finishing an LPG cylinder and ordering for refill?	
Mean (SD)	1.4 (3.7)
Median (IQR)	0 (0, 1)
Range	0 - 30
How many days does it usually take between placing an order for LPG cylinder refill and receipt of the cylinder?	
Mean (SD)	1.7 (1.2)
Median (IQR)	2 (1, 2)
Range	0 - 7
Who makes the decision of whether and when to order an LPG cylinder refill?	

Self	62 (31%)
Spouse	92 (46%)
Daughter/daughter-in-law	12 (6%)
Son/son-in-law	10 (5%)
Father/father-in-law	24 (12%)
Mother/mother-in-law	2 (1%)

How often did you use your LPG stove for cooking over the last week?

Several times each day	146 (72%)
About once per day	31 (15%)
A few times this week	16 (8%)
About once this week	2 (1%)
Less than once this week	7 (3%)

Supplementary Table 5. COVID-19 related household hardships, by study round

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)
Increased difficulty accessing food for the household	291 (48%)	246 (41%)	96 (16%)	181 (30%)	303 (50%)	183 (30%)
Increased prices for necessary goods	384 (64%)	300 (50%)	297 (50%)	332 (55%)	408 (68%)	364 (61%)
Reduced income from any form of economic activity	389 (65%)	280 (47%)	219 (36%)	257 (43%)	350 (58%)	204 (34%)
Loss of salaried employment	313 (52%)	216 (36%)	166 (28%)	186 (31%)	286 (48%)	125 (21%)
Loss of hourly waged employment, or loss of daily waged employment	320 (53%)	230 (38%)	172 (29%)	206 (34%)	309 (52%)	151 (25%)
Reduced hours of employment, or reduced days of waged employment	331 (55%)	252 (42%)	138 (23%)	207 (34%)	282 (47%)	122 (20%)
Reduced cash from any other sources, such as family members outside the household or government cash transfer programs^a	0	161 (27%)	109 (18%)	80 (13%)	138 (23%)	61 (10%)
Unable to look for employment, such as going to a town for seasonal labor^a	0	260 (43%)	107 (18%)	165 (28%)	234 (39%)	140 (23%)
Since the beginning of the coronavirus outbreak, has there been a change in the number of people sleeping in your household?						
More people now	76 (13%)	43 (7%)	22 (4%)	36 (6%)	42 (7%)	25 (4%)
Same number of people now	513 (86%)	545 (91%)	546 (91%)	532 (89%)	550 (92%)	570 (95%)
Fewer people now	11 (2%)	12 (2%)	32 (5%)	32 (5%)	8 (1%)	5 (1%)

^a Question added after the first round.

Supplementary Table 6. Round-by-round LPG preferences and perceptions

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)
Since the lockdown has begun, how does the price of an LPG cylinder refill compare to before?						
Much higher	81 (22%)	25 (8%)	7 (3%)	221 (89%)	294 (66%)	281 (58%)
A bit higher	43 (11%)	36 (12%)	23 (8%)	22 (9%)	117 (26%)	168 (34%)
Same price	152 (41%)	145 (48%)	117 (42%)	2 (1%)	32 (7%)	37 (8%)
A bit cheaper	95 (25%)	95 (31%)	124 (45%)	2 (1%)	2 (0%)	2 (0%)
Much cheaper	4 (1%)	1 (0%)	7 (3%)	0 (0%)	0 (0%)	0 (0%)
Number Missing	225	298	322	353	155	112
Thinking back to during the lockdown, in comparison with before the lockdown, how did the price of an LPG cylinder refill compare to before?						
Much higher	5 (7%)	1 (1%)	0 (0%)	193 (83%)	0	1 (25%)
A bit higher	12 (18%)	9 (6%)	4 (2%)	24 (10%)	0	3 (75%)
Same price	34 (50%)	108 (71%)	111 (60%)	13 (6%)	0	0 (0%)
A bit cheaper	17 (25%)	33 (22%)	69 (37%)	3 (1%)	0	0 (0%)
Much cheaper	0 (0%)	1 (1%)	2 (1%)	0 (0%)	0	0 (0%)
Number Missing	532	448	414	367	600	596
Since the lockdown began, is it now easier, more difficult, or the same difficulty of acquiring an LPG cylinder refill?						
Increased difficulty as compared to before	44 (10%)	42 (9%)	12 (3%)	92 (19%)	92 (21%)	22 (4%)
Acquisition is the same difficulty	149 (33%)	131 (28%)	193 (41%)	212 (44%)	194 (43%)	251 (51%)
Acquisition is easier	259 (57%)	288 (62%)	262 (56%)	179 (37%)	161 (36%)	222 (45%)
Number Missing	148	139	133	117	153	105
Do you agree or disagree with the following statement: Since the lockdown has begun, we like to cook with gas more than before.						
We like to use gas more now than before (agree)	126 (27%)	158 (34%)	194 (41%)	98 (20%)	102 (22%)	111 (23%)
Same now as before (neutral)	316 (67%)	270 (58%)	252 (54%)	253 (52%)	265 (58%)	307 (65%)
We do not like to use gas as much now as compared to before	31 (7%)	35 (8%)	23 (5%)	134 (28%)	91 (20%)	56 (12%)
Number Missing	127	137	131	115	142	126
Why do you like using gas more now than before? [SELECT ALL THAT APPLY] [DO NOT PROMPT]						

We value faster cooking with LPG more now during lockdown	88 (70%)	122 (77%)	174 (90%)	60 (61%)	85 (83%)	108 (97%)
LPG is cheaper now	22 (17%)	53 (34%)	49 (25%)	7 (7%)	3 (3%)	2 (2%)
LPG is more accessible now	106 (84%)	133 (84%)	181 (93%)	60 (61%)	92 (90%)	101 (91%)
Three free cylinder scheme	63 (50%)	14 (9%)	5 (3%)	15 (15%)	1 (1%)	0 (0%)
Household has less biomass now	7 (6%)	4 (3%)	7 (4%)	14 (14%)	14 (14%)	0 (0%)
Household can acquire biomass less easily now	7 (6%)	11 (7%)	7 (4%)	2 (2%)	3 (3%)	2 (2%)
Household preferences favor the taste of food cooked with LPG	64 (51%)	88 (56%)	144 (74%)	14 (14%)	33 (32%)	62 (56%)
Household preferences shifting away from the taste of food coked over firewood, twigs, or agricultural residues	72 (57%)	100 (63%)	147 (76%)	6 (6%)	27 (26%)	66 (59%)
Household prefers the experience of cooking with LPG	63 (50%)	110 (70%)	152 (78%)	12 (12%)	26 (25%)	48 (43%)
Household preferences shifting away from the experience of cooking with firewood, twigs, or agricultural residues	53 (42%)	108 (68%)	149 (77%)	5 (5%)	23 (23%)	31 (28%)

Why do you like using gas less than before? [SELECT ALL THAT APPLY] [DO NOT PROMPT]

LPG is more expensive now	25 (81%)	26 (74%)	11 (48%)	129 (96%)	87 (96%)	55 (98%)
LPG is less accessible now	5 (16%)	5 (14%)	5 (22%)	16 (12%)	8 (9%)	1 (2%)
Household has more biomass now	0 (0%)	1 (3%)	1 (4%)	11 (8%)	7 (8%)	6 (11%)
Household preferences favor the taste of food cooked over firewood, twigs, or agricultural residues	1 (3%)	9 (26%)	1 (4%)	4 (3%)	6 (7%)	9 (16%)
Household does not prefer the taste of food cooked with LPG	2 (6%)	6 (17%)	3 (13%)	4 (3%)	5 (5%)	2 (4%)
Household preferences favor the experience of cooking with firewood, twigs, or agricultural residues	3 (10%)	3 (9%)	1 (4%)	3 (2%)	7 (8%)	4 (7%)
Household does not prefer the experience of cooking with LPG	4 (13%)	1 (3%)	2 (9%)	6 (4%)	2 (2%)	2 (4%)

Supplementary Table 7. Round-by-round LPG acquisition practices

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)
Since the lockdown began, have you refilled your LPG cylinder?						
No	14 (3%)	17 (5%)	13 (5%)	15 (6%)	133 (29%)	57 (12%)
Yes	395 (97%)	295 (95%)	272 (95%)	233 (94%)	324 (71%)	434 (88%)
During the period of the lockdown, did you refill your LPG cylinder?						
No	3 (4%)	4 (3%)	1 (1%)	11 (5%)	0	2 (50%)
Yes	76 (96%)	155 (97%)	184 (99%)	226 (95%)	0	2 (50%)
Number Missing	521	441	415	363	600	596
How many weeks ago did you last refill your large LPG cylinder? # weeks						
Count	487	467	470	476	451	487
Mean (SD)	4.24 (3.50)	5.00 (5.29)	4.90 (5.94)	5.56 (5.83)	5.19 (6.83)	4.77 (7.36)
Median (IQR)	3.00 (2.00, 5.00)	4.00 (2.00, 5.00)	3.00 (2.00, 5.00)	4.00 (2.00, 6.00)	3.00 (2.00, 6.00)	3.00 (2.00, 4.00)
range	0.00 - 24.00	0.00 - 48.00	0.00 - 48.00	1.00 - 48.00	1.00 - 50.00	1.00 - 48.00
When do you expect to next refill an LPG cylinder? # weeks						
Count	472	461	422	411	371	368
Mean (SD)	4.65 (2.86)	3.66 (2.35)	3.36 (2.43)	3.14 (2.07)	3.16 (2.40)	2.82 (2.42)
Median (IQR)	4.00 (3.00, 6.00)	3.00 (2.00, 4.00)	3.00 (2.00, 4.00)	3.00 (2.00, 4.00)	3.00 (2.00, 4.00)	2.00 (2.00, 3.00)
range	0.00 - 20.00	0.00 - 20.00	0.00 - 30.00	1.00 - 20.00	1.00 - 22.00	1.00 - 30.00
Number Missing	128	139	178	189	229	232
Where did you get that refill from?						
Doorstep	141 (28%)	193 (41%)	167 (35%)	124 (26%)	174 (38%)	156 (31%)
Local shop	61 (12%)	69 (15%)	128 (27%)	31 (6%)	45 (10%)	10 (2%)
LPG distributor	159 (32%)	188 (40%)	169 (36%)	287 (59%)	208 (45%)	305 (61%)

Neighbor did it	5 (1%)	0 (0%)	3 (1%)	3 (1%)	1 (0%)	3 (1%)
Central village area	116 (23%)	15 (3%)	5 (1%)	41 (8%)	34 (7%)	22 (4%)
Other	14 (3%)	7 (1%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Number Missing	104	128	128	114	138	104

When you refilled this time, were there any differences in your LPG delivery as compared before the lockdown?

No delivery as compared to usual delivery	81 (17%)	196 (44%)	82 (18%)	165 (36%)	66 (20%)	60 (14%)
Delivery as compared to not usually getting delivery	11 (2%)	23 (5%)	20 (4%)	7 (2%)	1 (0%)	1 (0%)
Longer wait as compared to usual at distributor shop	91 (19%)	24 (5%)	15 (3%)	16 (3%)	16 (5%)	7 (2%)
Village pick-up point was further away than usual	69 (15%)	16 (4%)	9 (2%)	13 (3%)	4 (1%)	1 (0%)
Village pick-up point was closer than usual	76 (16%)	32 (7%)	12 (3%)	41 (9%)	12 (4%)	1 (0%)
There were no differences	129 (27%)	221 (49%)	311 (68%)	222 (48%)	214 (66%)	302 (69%)
Number Missing	129	150	144	141	276	164

Thinking back to before the lockdown, does it take less time, more time, or the same amount of time to receive the subsidy amount in your bank account?

Longer than before	26 (8%)	65 (17%)	48 (11%)	218 (55%)	68 (29%)	56 (14%)
Same as before	264 (79%)	301 (80%)	365 (85%)	158 (40%)	165 (70%)	326 (84%)
Less time now	45 (13%)	12 (3%)	16 (4%)	20 (5%)	2 (1%)	5 (1%)
Number Missing	265	222	171	204	365	213

How much did you pay at the time of purchase for your last LPG cylinder refill?

_____ [INR]

("gross" amount paid without subsidy deduction)

Mean (SD)	732 (93)	688 (76)	683 (69)	829 (100)	868 (74)	874 (59)
Median (IQR)	747.5 (675, 800)	680 (650, 710)	670 (650, 700)	850 (800, 900)	890 (850, 900)	875 (850, 900)
range	200 - 1200	200 - 1190	320 - 1500	150 - 1500	360 - 1010	350 - 1300
Number Missing	128	133	133	116	151	116

Why did you not refill your LPG cylinder during lockdown?

Did not run out of gas	5 (29%)	6 (29%)	4 (29%)	3 (12%)	32 (24%)	7 (12%)
Rationed gas so I did not run out	5 (29%)	4 (19%)	0 (0%)	0 (0%)	24 (18%)	3 (5%)
Did not have money available	12 (71%)	13 (62%)	14 (100%)	24 (92%)	96 (72%)	49 (83%)
Did not want to leave household to get refill	0 (0%)	0 (0%)	1 (7%)	1 (4%)	3 (2%)	0 (0%)
Normal gas delivery not available	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (1%)	0 (0%)
Was not allowed to leave household to get refill	0 (0%)	2 (10%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)
Number Missing	583	579	586	574	467	541

Supplementary Table 8. Round-by-round biomass acquisition practices.

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)
As compared to before the lockdown, has your household been collecting firewood, twigs, agricultural residues, or dung cakes more, the same, or less frequently than before?						
More frequent collection trips now as compared to before	85 (23%)	51 (17%)	37 (13%)	50 (20%)	65 (16%)	28 (11%)
Same amount	219 (59%)	228 (76%)	229 (78%)	166 (65%)	295 (72%)	202 (77%)
Less frequent	66 (18%)	21 (7%)	26 (9%)	40 (16%)	47 (12%)	33 (13%)
Number Missing	230	300	308	344	193	337
As compared to before the lockdown, has your household collected more, the same, or less firewood, twigs, agricultural residues, or dung cakes in a typical trip than before?						
More collected in a typical trip now as compared to before	114 (31%)	50 (17%)	25 (9%)	46 (18%)	63 (15%)	26 (10%)
Same per trip	199 (54%)	205 (68%)	219 (75%)	147 (57%)	275 (68%)	190 (72%)
Less per trip	57 (15%)	47 (16%)	47 (16%)	63 (25%)	69 (17%)	47 (18%)
Number Missing	230	298	309	344	193	337
As compared to before the lockdown, does the household now have more, the same, or less firewood, twigs, agricultural residues, or dung cakes in the household typically? (amount/volume/weight of fuel being stored in the household)						
More in reserve	59 (16%)	37 (12%)	31 (11%)	36 (14%)	40 (10%)	31 (12%)
Same in reserve	278 (76%)	207 (70%)	220 (76%)	161 (63%)	233 (57%)	138 (52%)
Less in reserve	30 (8%)	53 (18%)	40 (14%)	57 (22%)	134 (33%)	94 (36%)
Number Missing	233	303	309	346	193	337
As compared to before the lockdown, does the household now have a more difficult, an easier, or about the same difficulty acquiring firewood, twigs, agricultural residues, or dung cakes?						
Harder now	111 (31%)	78 (26%)	26 (9%)	58 (23%)	130 (32%)	24 (9%)
Same difficulty now	180 (50%)	165 (54%)	226 (77%)	151 (59%)	187 (46%)	183 (70%)
Easier now	67 (19%)	60 (20%)	40 (14%)	46 (18%)	89 (22%)	55 (21%)
Number Missing	242	297	308	345	194	338
Thinking back to during the lockdown, in comparison with before the lockdown, did your household collect firewood, twigs, agricultural residues, or dung cakes more, the same, or less frequently than before?						
More frequent firewood collection trips during	10 (15%)	12 (11%)	3 (3%)	50 (23%)	0	0 (0%)

lockdown as compared to before lockdown						
Same amount of firewood collection trips	41 (60%)	80 (75%)	74 (83%)	132 (59%)	0	4 (80%)
Less frequent firewood collection trips	17 (25%)	14 (13%)	12 (13%)	40 (18%)	0	1 (20%)
Number Missing	532	494	511	378	600	595

Thinking back to during the lockdown, in comparison with before the lockdown, did your household collect more, the same, or less firewood, twigs, agricultural residues, or dung cakes in a typical trip than before?

More firewood, twigs, agricultural residues, or dung cakes collected in a typical trip during lockdown than before	24 (36%)	12 (12%)	1 (1%)	46 (21%)	0	0 (0%)
Same amount collected	38 (57%)	38 (37%)	51 (57%)	133 (60%)	0	5 (100%)
Less collected	5 (7%)	52 (51%)	37 (42%)	41 (19%)	0	0 (0%)
Number Missing	533	498	511	380	600	595

Thinking back to during the lockdown, in comparison with before the lockdown, did your household have more, the same, or less firewood, twigs, agricultural residues, or dung cakes in the household typically?

More during lockdown	8 (12%)	8 (8%)	3 (3%)	38 (17%)	0	1 (20%)
Same during lockdown as before	51 (76%)	93 (88%)	78 (88%)	135 (61%)	0	1 (20%)
Less during lockdown	8 (12%)	5 (5%)	8 (9%)	49 (22%)	0	3 (60%)
Number Missing	533	494	511	378	600	595

Thinking back to during the lockdown, as compared to non-lockdown times, did your household have a more difficult, an easier, or about the same difficulty acquiring firewood, twigs, agricultural residues, or dung cakes?

Increased difficulty during lockdown as compared to before	24 (36%)	8 (8%)	1 (1%)	51 (23%)	0	1 (20%)
Acquisition was the same difficulty during lockdown as compared to before	41 (62%)	31 (29%)	30 (34%)	134 (60%)	0	2 (40%)
Acquisition was easier during lockdown as compared to before	1 (2%)	67 (63%)	58 (65%)	37 (17%)	0	2 (40%)
Number Missing	534	494	511	378	600	595

When was the last time a household member collected firewood, twigs, agricultural residues, or dung cakes? _____ [days ago]

Count	437	411	381	469	398	261
Mean (SD)	33.79 (36.61)	51.35 (82.02)	56.61 (68.57)	51.52 (86.96)	44.27 (59.66)	47.00 (52.45)

Median (IQR)	20.00 (10.00, 45.00)	15.00 (4.00, 60.00)	30.00 (10.00, 60.00)	15.00 (4.00, 60.00)	30.00 (10.00, 60.00)	30.00 (12.00, 60.00)
range	0.00 - 365.00	1.00 - 365.00	0.00 - 365.00	1.00 - 400.00	1.00 - 365.00	1.00 - 365.00
Number Missing	163	189	219	131	202	339

When do you expect that a household member will next go for collecting firewood, twigs, agricultural residues, or dung cakes? _____ [days from now]

Count	422	366	341	423	380	240
Mean (SD)	28.57 (50.76)	24.51 (38.64)	30.51 (40.21)	18.75 (41.80)	51.27 (76.77)	51.60 (59.64)
Median (IQR)	10.00 (5.00, 25.00)	8.00 (3.00, 30.00)	15.00 (10.00, 30.00)	7.00 (3.00, 15.00)	17.50 (7.00, 60.00)	30.00 (8.00, 60.00)
range	0.00 - 365.00	0.00 - 240.00	0.00 - 365.00	1.00 - 365.00	1.00 - 365.00	1.00 - 300.00
Number Missing	178	234	259	177	220	360

As compared to before the lockdown, has your household been collecting coal more, the same, or less frequently than before?

More frequent	6 (8%)	4 (8%)	1 (3%)	4 (15%)	3 (7%)	6 (22%)
Same	55 (70%)	34 (64%)	20 (67%)	14 (52%)	30 (70%)	19 (70%)
Less frequent	18 (23%)	15 (28%)	9 (30%)	9 (33%)	10 (23%)	2 (7%)
Number Missing	521	547	570	573	557	573

As compared to before the lockdown, has your household been collecting coal more, the same, or less in a typical trip than before?

More per trip	15 (19%)	3 (6%)	0 (0%)	2 (7%)	8 (19%)	5 (19%)
Same	52 (64%)	36 (68%)	19 (63%)	14 (52%)	25 (58%)	16 (59%)
Less	14 (17%)	14 (26%)	11 (37%)	11 (41%)	10 (23%)	6 (22%)
Number Missing	519	547	570	573	557	573

Where have you gone to get coal during lockdown?

I have not gotten coal	3 (4%)	3 (6%)	3 (10%)	3 (11%)	7 (16%)	0 (0%)
Coal mine	9 (11%)	4 (8%)	8 (27%)	9 (33%)	8 (19%)	1 (4%)
Roadside	3 (4%)	4 (8%)	2 (7%)	0 (0%)	8 (19%)	1 (4%)
Market	20 (24%)	15 (28%)	1 (3%)	4 (15%)	5 (12%)	5 (19%)
Private seller	50 (59%)	27 (51%)	16 (53%)	11 (41%)	15 (35%)	20 (74%)
Number Missing	515	547	570	573	557	573

Why have you not gotten coal during lockdown?

I have not run out of coal	1 (33%)	1 (33%)	0 (0%)	1 (33%)	5 (71%)	0
I have not been using coal for cooking during lockdown	1 (33%)	1 (33%)	2 (67%)	0 (0%)	0 (0%)	0
Did not have money available	1 (33%)	2 (67%)	0 (0%)	1 (33%)	2 (29%)	0
Did not want to leave household to get coal	0 (0%)	0 (0%)	0 (0%)	2 (67%)	0 (0%)	0

Normal coal buying location not available	0 (0%)	2 (67%)	0 (0%)	0 (0%)	0 (0%)	0
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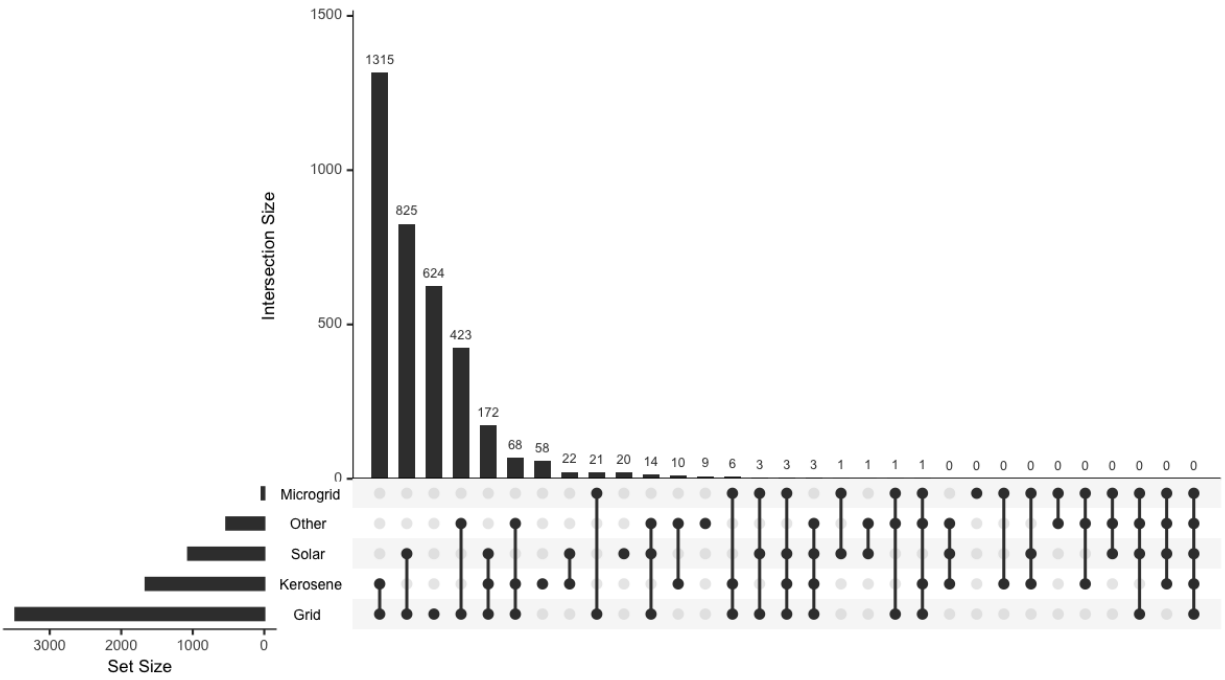
Supplementary Table 9. Round-by-round household lighting and cooking fuel use in Jharkhand

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)
Primary lighting source in the last four days						
Grid electricity	543 (90.5%)	550 (91.7%)	580 (96.7%)	556 (92.7%)	577 (96.2%)	577 (96.2%)
Kerosene lamp / lantern	40 (6.7%)	28 (4.7%)	16 (2.7%)	32 (5.3%)	12 (2.0%)	15 (2.5%)
Micro-grid	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Solar home system or solar lantern	10 (1.7%)	14 (2.3%)	4 (0.7%)	11 (1.8%)	9 (1.5%)	7 (1.2%)
Other (candle (N=8), emergency light (N=8), mustard oil (N=1), nothing (N=1))	7 (1.2%)	7 (1.2%)	0 (0.0%)	1 (0.2%)	2 (0.3%)	1 (0.2%)
In the last four days, can you tell me all the types of fuel or energy sources that the household has used for lighting in the household? (select all that apply)						
Grid electricity	570 (95.0%)	568 (94.7%)	590 (98.3%)	574 (95.7%)	589 (98.2%)	588 (98.0%)
Kerosene lamp / lantern	400 (66.7%)	343 (57.2%)	304 (50.7%)	232 (38.7%)	216 (36.0%)	163 (27.2%)
Micro-grid	8 (1.3%)	10 (1.7%)	12 (2.0%)	4 (0.7%)	1 (0.2%)	1 (0.2%)
Solar home system or solar lantern	177 (29.5%)	210 (35.0%)	203 (33.8%)	78 (13.0%)	159 (26.5%)	237 (39.5%)
Primary cooking fuel in the last four days (select only one)						
Firewood and chips	176 (29.3%)	210 (35.0%)	252 (42.0%)	296 (49.3%)	280 (46.7%)	178 (29.7%)
Agricultural or crop residues	1 (0.2%)	1 (0.2%)	0 (0.0%)	11 (1.8%)	9 (1.5%)	6 (1.0%)
Animal waste / dung cakes	8 (1.3%)	10 (1.7%)	2 (0.3%)	16 (2.7%)	17 (2.8%)	22 (3.7%)
Charcoal	0 (0.0%)	0 (0.0%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)
Coal	20 (3.3%)	26 (4.3%)	16 (2.7%)	15 (2.5%)	13 (2.2%)	16 (2.7%)
Alcohol / ethanol	1 (0.2%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
LPG	393 (65.5%)	347 (57.8%)	328 (54.7%)	261 (43.5%)	279 (46.5%)	378 (63.0%)
Bio-gas	0 (0.0%)	2 (0.3%)	2 (0.3%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
Electricity	1 (0.2%)	3 (0.5%)	0 (0.0%)	0 (0.0%)	2 (0.3%)	0 (0.0%)
In the last four days, can you tell me all the types of fuel or energy						

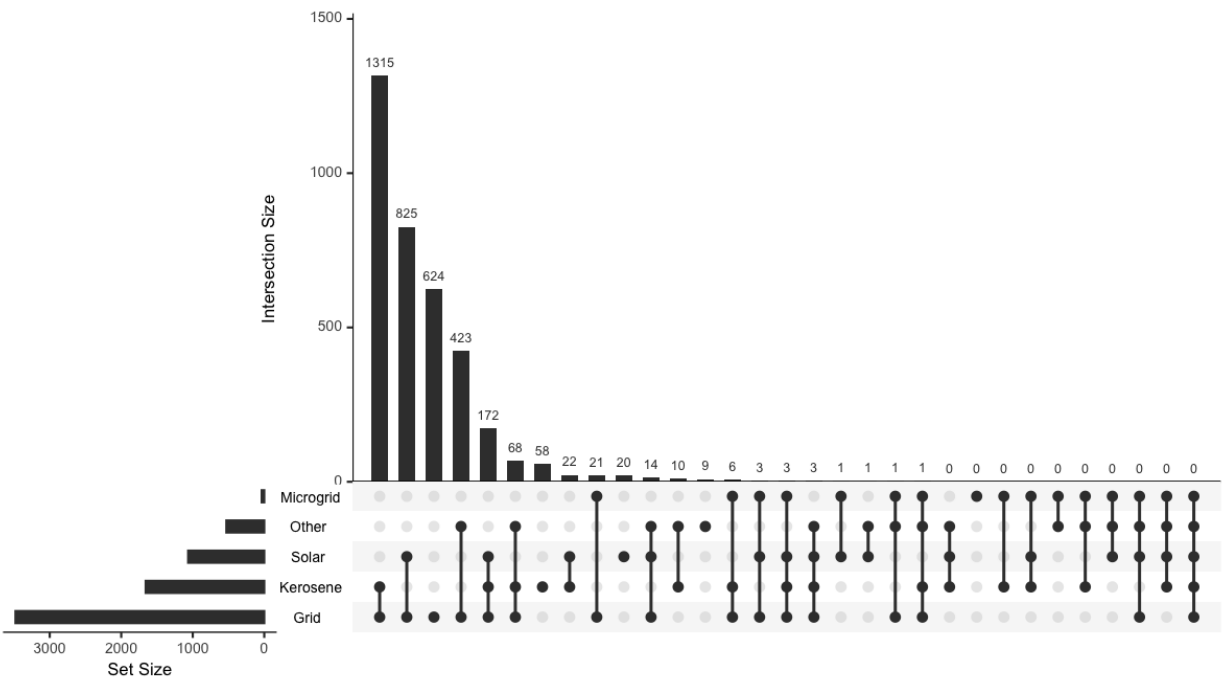
sources the household has used for cooking food, making tea/coffee, and boiling drinking water? [SELECT ALL THAT APPLY]

Firewood and chips	437 (72.8%)	405 (67.5%)	379 (63.2%)	465 (77.5%)	395 (65.8%)	247 (41.2%)
Agricultural or crop residues	110 (18.3%)	74 (12.3%)	74 (12.3%)	134 (22.3%)	94 (15.7%)	111 (18.5%)
Animal waste / dung cakes	172 (28.7%)	140 (23.3%)	102 (17.0%)	206 (34.3%)	268 (44.7%)	196 (32.7%)
Charcoal	7 (1.2%)	1 (0.2%)	2 (0.3%)	1 (0.2%)	0 (0.0%)	1 (0.2%)
Coal	87 (14.5%)	71 (11.8%)	37 (6.2%)	51 (8.5%)	43 (7.2%)	26 (4.3%)
Kerosene	8 (1.3%)	23 (3.8%)	16 (2.7%)	9 (1.5%)	0 (0.0%)	0 (0.0%)
Gasoline	1 (0.2%)	0 (0.0%)	1 (0.2%)	0 (0.0%)	0 (0.0%)	0 (0.0%)
LPG	464 (77.3%)	421 (70.2%)	450 (75.0%)	401 (66.8%)	377 (62.8%)	434 (72.3%)
Bio-gas	0 (0.0%)	6 (1.0%)	9 (1.5%)	2 (0.3%)	0 (0.0%)	0 (0.0%)
Electricity	8 (1.3%)	7 (1.2%)	2 (0.3%)	0 (0.0%)	6 (1.0%)	1 (0.2%)

Cooking fuel combinations



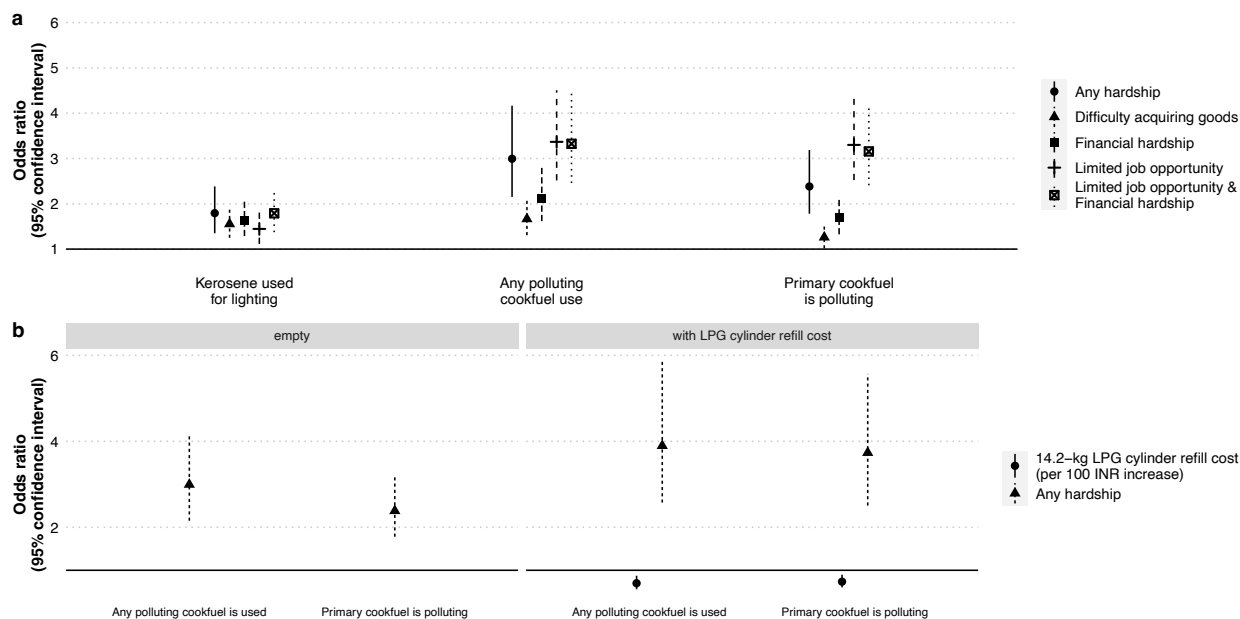
Lighting fuel combinations



Supplementary Figure 2. Distribution of specific combinations of cooking and lighting fuels used over the full study period in Jharkhand.

Supplementary Table 10. Distribution of the total number of fuels used for cooking and lighting across rounds in Jharkhand

Round	N	Mean	SD	Median	25th %tile	75th %tile	Minimum	Maximum	>1 fuel	>2 fuels
Fuels used for cooking										
1	600	2.16	1.05	2	1	3	1	5	69%	31%
2	600	1.91	0.92	2	1	2	1	5	61%	24%
3	600	1.79	0.92	2	1	2	1	5	52%	21%
4	600	2.12	0.95	2	1	3	1	6	69%	35%
5	600	1.97	0.94	2	1	3	1	4	62%	28%
6	600	1.69	0.94	1	1	2	1	5	42%	22%
Fuels used for lighting										
1	600	2.06	0.49	2	2	2	1	4	91%	15%
2	600	1.98	0.56	2	2	2	1	4	84%	14%
3	600	1.94	0.47	2	2	2	1	4	86%	08%
4	600	1.60	0.55	2	1	2	1	3	57%	03%
5	600	1.82	0.45	2	2	2	1	3	79%	03%
6	600	1.88	0.42	2	2	2	1	4	85%	03%



Supplementary Figure 3. Associations between reported household energy use outcomes and economic hardship. **a**, depicts odds ratios and 95% confidence intervals for the association between participants in Jharkhand reporting experiencing any socio-economic hardship and then each dimension of economic hardships specifically in four separate regression models per outcome.

Sample sizes for

Kerosene used for lighting: 2,821, 3,028, 2,806, 2,770, 2,868

Any polluting cooking fuel use: 2,452, 2,623, 2,444, 2,400, 2,499

Primary cooking fuel is polluting: 2,714, 2,891, 2,705, 2,669, 2,761

b, depicts odds ratios and 95% confidence intervals for the association between participants in Jharkhand reporting experiencing any socio-economic hardship in two models: the first “empty” model repeats the main analysis and the second “with LPG cylinder refill cost” includes participants’ reported costs of a 14.2 kg LPG cylinder refill (standardized per 100 INR increase). Sample sizes were n=2,499 and n=2,761 for the empty models and n=1,953 and n=1,838 for the models with LPG cylinder refill costs for any polluting cooking fuel use and primary cooking fuel use, respectively.

Supplementary Table 10. Reason for not using kerosene or LPG in a given week, among those that did use these fuels at baseline

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)
Why have you not used the kerosene lamps for lighting in the last four days?						
<i>(responses not prompted; multiple responses selected as applicable)</i>						
No kerosene fuel in the household	0.61 (0.49)	0.35 (0.48)	0.19 (0.39)	0.59 (0.49)	0.54 (0.50)	0.59 (0.50)
Running low on kerosene fuel in the household and saving it	0.02 (0.13)	0.11 (0.31)	0.10 (0.31)	0.12 (0.33)	0.08 (0.27)	0.15 (0.36)
Unable to purchase kerosene from ration shop or usual place of purchase	0.04 (0.19)	0.05 (0.21)	0.09 (0.29)	0.20 (0.40)	0.11 (0.32)	0.06 (0.23)
Kerosene is not a good source of light	0.02 (0.13)	0.09 (0.29)	0.08 (0.27)	0.03 (0.17)	0.01 (0.11)	0.02 (0.14)
Kerosene is not safe	0.00 (0.00)	0.02 (0.12)	0.22 (0.42)	0.02 (0.14)	0.01 (0.11)	0.02 (0.14)
No need because we have better forms of lighting	0.47 (0.50)	0.54 (0.50)	0.45 (0.50)	0.38 (0.49)	0.42 (0.50)	0.28 (0.45)
Kerosene lamps are broken	0.00 (0.00)	0.02 (0.12)	0.03 (0.16)	0.00 (0.00)	0.01 (0.11)	0.02 (0.14)
Thinking back to before the lockdown, are you now using kerosene for lighting more, the same, or less than before?						
More now than before the lockdown	37 (11%)	27 (11%)	13 (6%)	8 (7%)	37 (17%)	21 (13%)
The same number of hours as before the lockdown	266 (78%)	193 (77%)	167 (78%)	62 (58%)	138 (64%)	111 (69%)
Fewer hours now than before the lockdown	37 (11%)	31 (12%)	33 (15%)	37 (35%)	41 (19%)	28 (18%)
Number Missing	260	349	387	493	384	440
Thinking back to during the lockdown, in comparison to before lockdown, did you use kerosene for lighting for the same number of hours, for more hours, or for fewer hours?						
More now than before the lockdown	1 (2%)	5 (5%)	1 (1%)	6 (5%)	0	0 (0%)
The same number of hours as before the lockdown	51 (86%)	42 (46%)	43 (47%)	72 (58%)	0	2 (67%)
Fewer hours now than before the lockdown	7 (12%)	44 (48%)	47 (52%)	47 (38%)	0	1 (33%)
Number Missing	541	509	509	475	600	597

**Why have you not used the
LPG stove in the last four
days?**

No LPG fuel in the household	0.53 (0.51)	0.80 (0.40)	0.73 (0.46)	0.88 (0.32)	0.78 (0.42)	0.82 (0.39)
Running low on LPG fuel in the household and saving it	0.50 (0.51)	0.16 (0.37)	0.23 (0.43)	0.12 (0.32)	0.21 (0.41)	0.18 (0.39)
The household has not cooked the usual dishes that the LPG stove is used for	0.00 (0.00)	0.02 (0.14)	0.09 (0.29)	0.05 (0.21)	0.00 (0.00)	0.00 (0.00)
The household has lots of other fuels that we are using instead	0.19 (0.40)	0.18 (0.39)	0.18 (0.39)	0.06 (0.24)	0.06 (0.24)	0.00 (0.00)
We do not like to use the LPG stove these days	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.05 (0.21)	0.01 (0.11)	0.00 (0.00)
Fear of using the LPG stove	0.03 (0.18)	0.02 (0.14)	0.00 (0.00)	0.01 (0.11)	0.00 (0.00)	0.00 (0.00)
The person that normally cooks using LPG has not been cooking	0.03 (0.18)	0.04 (0.20)	0.09 (0.29)	0.01 (0.11)	0.00 (0.00)	0.00 (0.00)
The LPG stove is broken and cannot be used	0.00 (0.00)	0.02 (0.14)	0.00 (0.00)	0.02 (0.15)	0.01 (0.11)	0.00 (0.00)

Supplementary Table 11. Experiences with the three free cylinder scheme

	Round 1 (N=600)	Round 2 (N=600)	Round 3 (N=600)	Round 4 (N=600)	Round 5 (N=600)	Round 6 (N=600)	Ever reported
Prior to this conversation, were you aware of the program?							
No	158 (26%)	210 (35%)	216 (36%)	221 (37%)	251 (42%)	244 (41%)	
Yes	442 (74%)	390 (65%)	384 (64%)	379 (63%)	349 (58%)	356 (59%)	92%
If yes, How did your or anybody in the household become aware?							
Distributor or gas agency	210 (48%)	211 (54%)	153 (40%)	99 (26%)	104 (30%)	77 (22%)	67%
Neighbor	135 (31%)	105 (27%)	152 (40%)	227 (60%)	167 (48%)	152 (43%)	71%
Officials of an Oil Marketing Company (OMC)	5 (1%)	4 (1%)	1 (0%)	0 (0%)	0 (0%)	1 (0%)	1%
Text message	8 (2%)	8 (2%)	23 (6%)	5 (1%)	2 (1%)	0 (0%)	6%
Newspaper	19 (4%)	13 (3%)	29 (8%)	20 (5%)	31 (9%)	54 (15%)	18%
TV	60 (14%)	32 (8%)	24 (6%)	21 (6%)	33 (9%)	57 (16%)	25%
Radio	0 (0%)	5 (1%)	2 (1%)	1 (0%)	1 (0%)	0 (0%)	1%
Other	5 (1%)	12 (3%)	0 (0%)	6 (2%)	11 (3%)	15 (4%)	
Have you received an LPG cylinder refill subsidy deposited into your bank account?							
No	75 (26%)	58 (26%)	52 (20%)	63 (36%)	62 (31%)	33 (17%)	
Yes	218 (74%)	167 (74%)	213 (80%)	110 (64%)	141 (69%)	157 (83%)	90%
Have you obtained or received any of these three free cylinders?							
No	31 (10%)	52 (20%)	73 (26%)	42 (22%)	39 (17%)	34 (15%)	
Yes	277 (90%)	202 (80%)	211 (74%)	151 (78%)	186 (83%)	196 (85%)	91%
How many such free cylinders have you received?							
Zero							29%

1	125 (45%)	109 (54%)	100 (47%)	73 (48%)	58 (31%)	54 (28%)	18%
2	109 (39%)	68 (34%)	100 (47%)	57 (38%)	97 (52%)	107 (55%)	38%
3	42 (15%)	25 (12%)	11 (5%)	21 (14%)	31 (17%)	34 (17%)	15%
5	1 (0%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (1%)	0.2%

How many such free cylinders have you received?

Mean (SD)	1.71 (0.74)	1.58 (0.70)	1.58 (0.59)	1.66 (0.71)	1.85 (0.68)	1.91 (0.70)	
Median (IQR)	2.00 (1.00, 2.00)	1.00 (1.00, 2.00)	2.00 (1.00, 2.00)	2.00 (1.00, 2.00)	2.00 (1.00, 2.00)	2.00 (1.00, 2.00)	

Did you find the process as convenient as acquiring a typical refill?

Yes, just as easy as normal	234 (87%)	172 (86%)	153 (73%)	131 (88%)	169 (92%)	188 (96%)	93%
No, easier than a typical refill	12 (4%)	17 (8%)	39 (19%)	8 (5%)	9 (5%)	6 (3%)	13%
No, more difficult than a typical refill	24 (9%)	11 (6%)	17 (8%)	10 (7%)	6 (3%)	2 (1%)	11%

Why was it more difficult? *Have to pay the full price at the time of sale is difficult*

No	21 (88%)	6 (55%)	15 (88%)	8 (80%)	5 (83%)	2 (100%)	
Yes	3 (12%)	5 (45%)	2 (12%)	2 (20%)	1 (17%)	0 (0%)	20%

Why was it more difficult? *Took longer to receive subsidy in the bank account*

No	11 (46%)	7 (64%)	13 (76%)	7 (70%)	2 (33%)	1 (50%)	
Yes	13 (54%)	4 (36%)	4 (24%)	3 (30%)	4 (67%)	1 (50%)	44%

Why was it more difficult? *Harder to get the refill due to travel restrictions*

No	8 (33%)	8 (73%)	12 (71%)	8 (80%)	3 (50%)	2 (100%)	
Yes	16 (67%)	3 (27%)	5 (29%)	2 (20%)	3 (50%)	0 (0%)	42%

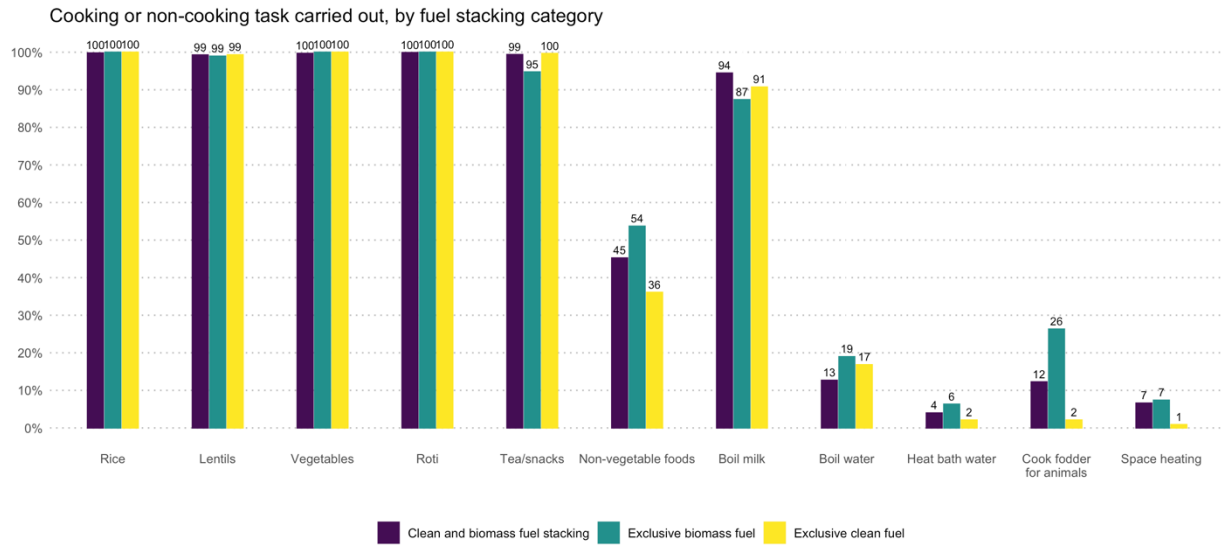
Why was it more difficult? *There was confusion about the policy at the point of sale*

No	22 (92%)	10 (91%)	11 (65%)	7 (70%)	6 (100%)	1 (50%)	
Yes	2 (8%)	1 (9%)	6 (35%)	3 (30%)	0 (0%)	1 (50%)	20%

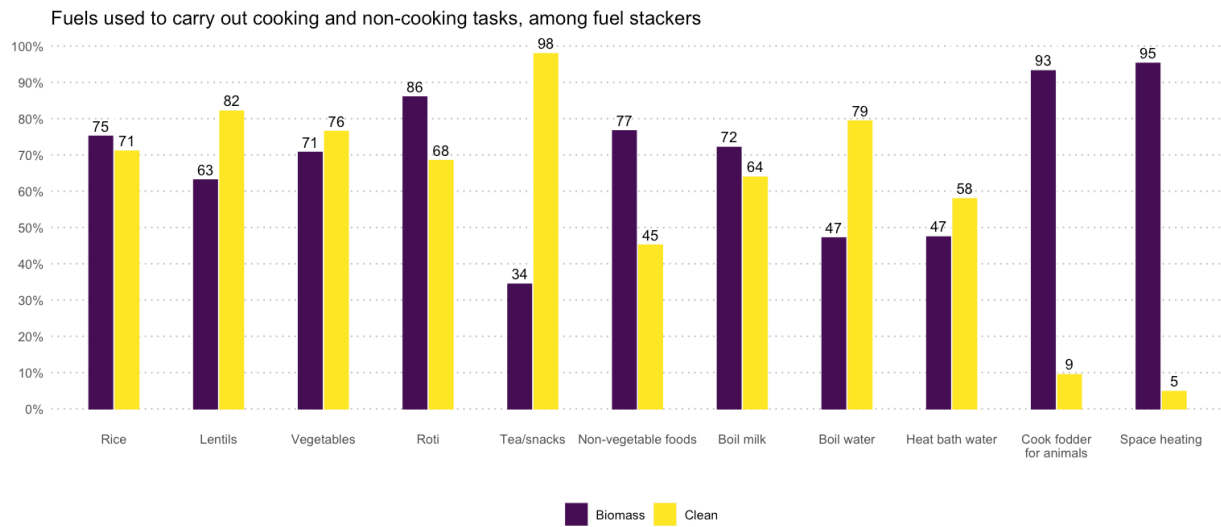
Supplementary Table 12. Distribution of hours and times cooked by fuel stacking category and fuel in Bihar

	Stacking Category		
	Clean and biomass fuel stacking	Exclusive biomass fuel	Exclusive clean fuel
Total cooking hours (mean)	3.61	3.41	3.44
Total cooking hours (SD)	1.09	1.03	0.93
Cook times daily LPG (mean)	2.94	NaN	4.443
Cook times daily LPG (SD)	1.11	NaN	1.51
Cook hours daily LPG (mean)	1.99	NaN	3.40
Cook hours daily LPG (SD)	0.67	NaN	0.92
Cook times daily biomass (mean)	1.55	2.34	NaN
Cook times daily biomass (SD)	0.54	0.56	NaN
Cook hours daily biomass (mean)	2.39	3.38	NaN
Cook hours daily biomass (SD)	0.79	1.04	NaN

A



B



Supplementary Figure 4. Cooking and non-cooking tasks carried out and the fuels used to do so in the Bihar sample. A. Shows the proportion of participant-week observations where the participant reported to have carried out the indicated cooking task in the preceding four days, based on their fuel stacking category. **B.** Shows, given that a fuel stacking participant indicated they carried out a task, which fuel was used to meet that task. Participants reported all fuels they used to meet a given task, so could have reported both a biomass fuel and a clean fuel to meet the same task in the same weekly survey.

Supplementary Table 13. Stated reasons for using both biomass and LPG exclusively in the Bihar sample

	N (%)
EXCLUSIVE LPG (N=569)	
Why did you only use LPG and nothing else?	
Did not have any biomass to use	165 (29%)
I prefer to use LPG for all tasks because the cooking is easier	497 (87%)
I prefer to use LPG for all tasks because the cooking is cleaner	418 (73%)
I prefer to use LPG because it improves my social status	346 (61%)
I prefer to use LPG because it is faster, so I have more time for other things	368 (65%)
We have enough LPG and can afford to use it all the time	55 (10%)
I do not use biomass because it is dirty	6 (1%)
I do not use biomass because it is hard to acquire	8 (1%)
I do not use biomass because it hurts my health	15 (3%)
EXCLUSIVE BIOMASS FUELS (N=95)	
Why did you only use biomass fuels and nothing else this week?	
Did not have any LPG to use	78 (82%)
I prefer to use biomass for all tasks because the cooking is better, easier, or faster	8 (8%)
I prefer to use biomass because the food tastes better	2 (2%)
I prefer to use biomass because it is cheaper, and therefore it improves my financial situation	4 (4%)
I prefer to use biomass because collecting firewood is a good opportunity to socialize	0 (0%)
I prefer to use biomass because then I can connect with my family and traditions	0 (0%)
I do not like using the LPG because it is dangerous	0 (0%)
I do not like using the LPG because it is too expensive	3 (4%)
I am told to not use the LPG by somebody else in the household because of the costs	0 (0%)
I am told to not use the LPG by somebody else in the household because of taste	0 (0%)
Why did you not use LPG this week?	
No LPG in the cylinder	65 (68%)
Conserving LPG because it is expensive	29 (31%)
Conserving LPG because refills are not currently available	0 (0%)
I am told not to use the LPG by somebody else in the household because of the costs	1 (1%)
I am told to not use the LPG by somebody else in the household because of taste	0 (0%)
Special occasions this week meant I needed to use biomass only	0 (0%)
It is cold so I use biomass to keep the room warm, so I use it to cook too	0 (0%)
I am afraid to use LPG	0 (0%)
I do not enjoy cooking with LPG	0 (0%)
I do not know how to use the LPG stove	0 (0%)
We do not have the required equipment to use LPG / our LPG stove and equipment is broken and in need of repair	0 (0%)

I do not enjoy eating food cooked with LPG

0 (0%)

Supplementary Table 14. Stated reasons for using both biomass and LPG when participants reported using both in the preceding four days in the Bihar sample (N=964)

	Select multiple	Biggest reason
Reasons for using LPG instead of only biomass, N (%)		
Had enough LPG in the cylinder to use it	134 (14%)	13 (1%)
Preference for using LPG for specific tasks because of speed	859 (90%)	602 (63%)
Preference for using LPG because of cleanliness of cookware and walls	653 (68%)	51 (5%)
Preference for using LPG because chulha is smoky	604 (63%)	75 (8%)
Preference for using LPG for specific tasks because of ease of cooking	415 (44%)	155 (16%)
Reasons for using biomass instead of only LPG, N (%)		
Had available biomass, so wanted to use it	438 (46%)	75 (8%)
It was cold, so wanted to use biomass to heat home	69 (7%)	38 (4%)
Preference for using chulha or solid fuels for specific tasks because it would take too much LPG to complete (which is expensive)	811 (85%)	574 (60%)
Preference for using chulha or solid fuels for specific tasks because LPG is not powerful enough to complete	421 (44%)	119 (12%)
Preference for using chulha or solid fuels for specific tasks because the cooking is outside	237 (25%)	7 (1%)
Chulha or biomass is preferred for most tasks, regardless of LPG situation or costs, so did not use much LPG	278 (29%)	62 (6%)
I like to use biomass because then I can connect with my family and traditions	150 (16%)	2 (0%)
Did not use LPG more because of cost of refill, so had to use biomass	197 (21%)	46 (5%)
Did not use LPG more because of access to refill, so had to use biomass	111 (12%)	12 (1%)
Ran out of LPG, so had to use biomass	46 (5%)	15 (2%)

Supplementary Table 15. Specific reasons in sub-themes for liking or disliking LPG and biomass

Sample	Theme	Domain	Cited reasons
Jharhkand	Pro-LPG / anti-biomass	Prefer LPG cooking	preference for using LPG because of speed; preference for using LPG because of cleanliness of cookware and walls; preference for using LPG because chulha is smoky; preference for using LPG for specific tasks because of ease of cooking; preference for using LPG because it improves social status; do not use biomass we have enough LPG and can afford to use it all the time did not have any biomass to use; I do not use biomass because it is hard to acquire
		LPG affordability Fuel availability	did not use LPG for everything because it is expensive to use; conserving LPG because it is expensive
	Pro-biomass / anti-LPG	LPG costliness	Did not use LPG much because chulha or biomass is preferred for most tasks, regardless of LPG situation or costs; LPG is dangerous to use; it was cold so wanted to use biomass to heat home; I prefer to use biomass because the cooking is better, easier or faster; I prefer to use biomass because the food tastes better; I prefer to use biomass because collecting firewood is a good opportunity to socialize; I prefer to use biomass because I can connect with my family and traditions
		Prefer biomass cooking	had available biomass, so wanted to use it not much LPG in the cylinder, and wanted to save it, so did not use LPG much, did not use LPG for everything because refills are not available
Bihar	Pro-LPG / anti-biomass	Prefer LPG cooking	we value faster cooking with LPG more now during lockdown; preferences favor the taste of food cooked with LPG; preferences shifting away from taste of food cooked over biomass; household favors experience of cooking with LPG; household preferences shifting away from experience of cooking with biomass
		Fuel accessibility	LPG is more accessible now; household has less biomass now; household can acquire biomass less easily now
	Pro-biomass / anti-LPG	LPG affordability LPG costliness	LPG is cheaper now; three free cylinder scheme LPG is more expensive now
		Fuel accessibility	LPG is less accessible now; household has more biomass now
		Prefer biomass cooking	household favors taste of food cooked over biomass; household does not prefer taste of food cooked with LPG; household favors experience of cooking with biomass; household does not prefer experience of cooking with LPG

Supplementary Note 2. Survey instruments

Bihar baseline cooking survey

Introduction to the Household Primary Cook

[Interviewer shows ID card to the respondent]

I work with MORSEL Research & Development, an organization that conducts surveys in India.

We are conducting a study for Johns Hopkins University. In the study, we will ask you to answer questions about your use of cooking fuels and other household fuels. Participation is strictly voluntary and you can leave the study at any time. Study activities include:

- 50 rupees compensation via phone credit for participation today and compensation for all subsequent surveys.
- Today, a 25 to 35 minute baseline survey conducted today with primary cook. For compensation, you will receive 50 rupees today at the end of the survey.
- We will call you once per week for very short five-minute follow-up surveys, again conducted with primary cook. For each of these surveys, you will receive 20 rupees in phone credit for participation.

01. Can the primary cook be present for the interview? 1 Yes 0 No

[*** IF 01. = 0, TERMINATE INTERVIEW ***]

02. In the past month, have you used a clean fuel stove like electricity or gas for cooking?
1 Yes 0 No

[*** IF 02. = 0, TERMINATE INTERVIEW ***]

03. In the past month, have you used a biomass fuel or kerosene for cooking?
1 Yes 0 No

[*** IF 03. = 0, TERMINATE INTERVIEW ***]

101. Did they agree to participate in the study? 1 Yes 0 No

102. If no, record the reason: _____

A. MetaData

103. Household ID _____
104. ID and Name of Interviewer ID ___ NAME _____
105. ID and Name of Supervisor ID ___ NAME _____
106. Date of Interview _____
107. Interview start time _____ Interview end time _____
(hh:mm on a 24 hr scale)

Geographic Information

108. State Bihar
109. District _____
110. Block _____
111. Village/Ward name _____
112. Village/Ward census code _____
113. Habitation _____
[ASK VILLAGE HEAD IF NEEDED; "NA" IF URBAN SURVEY]
114. Full Address _____
115. Mobile Contact Number _____

Note to MORSEL: Do not give us the mobile number of the respondent with the data

116. GPS Latitude _____
117. GPS Longitude _____

Note to MORSEL: Do not give us GPS coordinates of the respondent with the data

G. Self-employed H. Retired I. Studying

J. Unemployed K. Job searching

L. Other, specify____

211. Does your household have a government ration card? 1 Yes
0 No

211.1. If yes, is it

A. APL

B. BPL

C. Antyodaya D. Other, SPECIFY: _____

212. Number of adults living in this household permanently (as of now)
_____ [NUMBER]

213. Number of children (0-18 years) permanently living in the household (as of now)
_____ [NUMBER]

214. How many children are currently studying? _____
[NUMBER]

C. Economic Activity

301. What is the primary source of income in your family?
 A. Agriculture on own land B. Cultivation on leased land
 C. Casual agricultural labor D. Salaried job
 E. Cattle rearing F. Own business
 G. Daily laborer H. Other _____
 [SPECIFY]
302. How many hours of paid work did you do in the past week? _____
 [HOURS]
303. How much is your expenditure on household needs in a typical month?
 _____ [RUPEES]
304. Does anyone in your household have a bank account? 1 Yes
 0 No
305. Who in your household makes decisions on purchase of durable goods?
 A. Male head of household B. Female head of household C. Jointly
 D. Other, specify: _____
306. Is the house you live in *pucca*? A. Pucca B. Mixed C. Kaccha
307. Do you own your house? 1 Yes 0 No
308. Does your household have a toilet? 1 Yes 0 No
309. Does your household have piped water? 1 Yes 0 No
310. Do you have grid electricity at home? 1 Yes 0 No
311. Do you own a radio? 1 Yes 0 No
312. Do you own a television? 1 Yes 0 No
313. Do you own a refrigerator? 1 Yes 0 No
314. Do you own a mobile phone? 1 Yes
 0 No
315. Do you own an inverter or battery 1 Yes 0 No
316. Do you own a fan? 1 Yes 0 No
317. Do you own an air-conditioner? 1 Yes
 0 No
318. Do you have a computer in your home? 1 Yes
 0 No
319. Do you own a sofa? 1 Yes 0 No
320. Do you own a watch? 1 Yes 0 No

321. Do you own a geyser/water heater? 1 Yes 0 No
322. How many rooms does your house have? ____ [NUMBER]
323. How many bicycles does your household own? ____ [NUMBER]
324. How many pressure cookers does your household own? ____ [NUMBER]
325. Do you own a motorized 2-wheeler (examples: motor bike, scooter)? 1 Yes 0 No
326. Do you own a motorized 3/4-wheeler (examples: car, tractor)? 1 Yes 0 No
327. How much land does your household own? _____ [0 if none]
 _____ [UNIT]
328. How many cattle and livestock do you own?
- | | | |
|-----------------|----------------------|------|
| ____ COWS | ____ BUFFALOES | ____ |
| FOWLS/CHICKEN | | |
| ____ COW CALVES | ____ BUFFLOES CALVES | |
| ____ GOATS | ____ OTHER ANIMALS | |

Cooking Survey: Specifics

400. Apart from yourself, who else in the household cooks, even just occasionally? [check all that apply]

- 1 Head of the household
- 2 Spouse of the head of the household
- 3 Son of the household head
- 4 Daughter/Daughter-in-law of the household head
- 5 No one
- 6 Other, specify: _____
- DK Don't know

[IF 400 = 5, SKIP TO 402]

401. In the last week (7 days), about how often do they participate in cooking or cook a meal?

- 1 Several times each day
- 2 About once per day
- 3 A few times this week
- 4 About once this week
- 5 Less than once this week
- DK Don't know

COOKING TECHNOLOGIES

402. What does this household use for cooking most of the time, including cooking food, making tea/coffee, boiling drinking water? Please tell me the cookstove or device that is used for most of the time.

- 1 Three-stone stove/open fire
- 2 Traditional solid fuel stove (mud stove) (non-manufactured)
- 3 Manufactured (improved) solid fuel stove
- 4 Liquid fuel stove (including kerosene, alcohol, ethanol, gasoline)
- 5 Liquefied petroleum gas (LPG) stove
- 6 Electric stove
- 7 Other, specify: _____

403. What type of fuel or energy source does this household use most of the time in this cookstove or device for cooking food, making tea/coffee, and boiling drinking water?

- 1 Firewood (including small twigs)
- 2 Agricultural or crop residue
- 3 Animal waste / dung
- 4 Charcoal
- 5 Kerosene / paraffin
- 6 Alcohol / ethanol
- 7 Gasoline / diesel (not in generator)
- 8 Liquefied petroleum gas (LPG)
- 9 Biogas
- 10 Natural gas
- 11 Electricity
- 12 Other, specify: _____

404. What else does this household use for cooking (including cooking food, making coffee/tea, and boiling drinking water)? Please tell me all other cookstoves or devices used.

[SELECT ALL THAT APPLY]

- | | | | | |
|---|--|-------|------|-----------|
| 1 | No other cookstoves used | 1 Yes | 0 No | → Skip to |
| | 407 | | | |
| 2 | Three-stone stove/open fire | 1 Yes | 0 No | |
| 3 | Traditional solid fuel stove (mud stove) (non-manufactured) | 1 Yes | 0 No | |
| 4 | Manufactured (improved) solid fuel stove | 1 Yes | 0 No | |
| 5 | Liquid fuel stove (including kerosene, alcohol, ethanol, gasoline) | 1 Yes | 0 No | |
| 6 | Liquefied petroleum gas (LPG) stove | 1 Yes | 0 No | |
| 7 | Electric stove | 1 Yes | 0 No | |
| 8 | Other, specify: _____ | | | |

405. What types of fuels or energy sources does this household use in other cookstoves or devices for cooking food, making tea/coffee, and boiling drinking water? [SELECT ALL THAT APPLY]

- 1 Firewood (including small twigs)
- 2 Agricultural or crop residue
- 3 Animal waste / dung
- 4 Charcoal
- 5 Kerosene / paraffin
- 6 Alcohol / ethanol
- 7 Gasoline / diesel (not in generator)
- 8 Liquefied petroleum gas (LPG)
- 9 Biogas
- 10 Natural gas
- 11 Electricity
- 12 Other, specify: _____

406. Is the cooking usually done in the house, in a separate building, or outdoors?

(Note to enumerator: If in main house, probe to determine if cooking is done in a separate room.

If outdoors, probe to determine if cooking is done on veranda, covered porch, or open air)

- 1 In main house: no separate room
- 2 In main house: separate room
- 3 Outside of main house: in a separate room
- 4 Outside of main house in open air
- 5 On veranda or covered porch
- 6 Other, specify: _____

LIQUEFIED PETROLEUM GAS

[IF 404=8 OR 406=8, SKIP TO 536]

IN OTHER WORDS, THIS SECTION IS JUST FOR HOUSEHOLDS WITH LPG STOVE

[Enumerator to respondent: The next section will focus on your liquefied petroleum gas stove.]

501. How many months ago did your house begin to use LPG? _____ [MONTHS AGO]

502. Did you receive the LPG connection under Pradhan Mantri Ujjwala Yojana (PMUY)?

1 Yes

0 No

DK Don't know

[IF 501>4, SKIP TO 504]

LPG costs

503. How much did it cost to install the LPG connection? _____ [RUPEES]

[IF 502=1, SKIP TO 506]

504. Was your LPG connection subsidized through a government program (other than Ujjwala / PMUY)?

1 Yes

0 No

DK Don't know

505. How many burners does your LPG stove have? _____ [NUMBER]

506. Which cylinder sizes do you use on a regular basis? [SELECT ALL THAT APPLY]

507.1 Large cylinder (14.2 kg) 1 Yes 0 No DK Don't know

507.2 Small cylinder (5 kg) 1 Yes 0 No DK Don't know

507. How many large LPG cylinders (filled or empty) do you currently have in the home?

_____ [NUMBER LARGE CYLINDERS]

[IF 507.1=0, SKIP TO 510]

508. How many small LPG cylinders (filled or empty) do you currently have in the home?
_____ [NUMBER SMALL CYLINDERS]

509. Does any large LPG cylinder in your household currently have the fuel in it?
1 Yes
0 No
DK Don't know

[IF 507.1=0 OR 509=0, SKIP TO 512]

510. Does any small LPG cylinder in your household currently have the fuel in it?
1 Yes
0 No
DK Don't know

511. How many weeks ago did you last fully refill your large LPG cylinder? _____ [# weeks]

[IF 507.1=0 OR 511=0, SKIP TO 514]

512. How many weeks ago did you last fully refill your small LPG cylinder? _____ [# weeks]

513. Do you have as much LPG as you need as of now or do you desire to have more LPG fuel in your home right now: [SELECT ALL THAT APPLY]
1 I have as much LPG as I would like right now
2 I would like to buy more LPG right now but I do not have the money
3 I would like to buy more LPG right now but cylinders are not available
4 Other, specify: _____
DK Don't know

514. When do you expect to next refill your large LPG cylinder? _____ [# weeks]

[IF 507.1=0 OR 511=0, SKIP TO 517]

515. When do you expect to next refill your small LPG cylinder? _____ [# weeks]

516. How much did you pay to the distributor/delivery boy for your last large cylinder refill?
_____ [RUPEES]

[IF 507.1=0 OR 511=0, SKIP TO 519]

517. How much did you pay to the distributor/delivery boy for your last small LPG cylinder refill?
_____ [RUPEES]

518. Is the domestic gas cylinder delivered to your doorstep?

1 Yes

0 No

DK Don't know

[IF 518=1, SKIP TO 523]

519. What is the one-way distance in kilometers your household typically travels to acquire the domestic gas cylinder? _____ [KM]

520. Is your LPG cylinder delivered to a village center or common space?

1 Yes

0 No

DK Don't know

521. What type of transportation is usually taken to travel to acquire the domestic gas cylinder?

1 Walking

2 Motorcycle

3 Bus

4 Car

5 Other, specify: _____

DK Don't know

522. Which household member typically travels to acquire the domestic gas cylinder?

1 Self

2 Spouse

3 Daughter

4 Son

5 Son-in-law

6 Other, specify: _____

DK Don't know

523. How many days does it usually take between finishing an LPG cylinder and ordering for LPG refill?

_____ [DAYS]

(Enumerator: Use 0 days if the household finishes a cylinder and orders on the same day or orders a refill before finishing)

524. How many days does it usually take between placing an order for LPG refill and receipt of the cylinder?

_____ [DAYS]

525. Who takes the decision of whether and when to order a refill?

1 Self

2 Spouse

3 Daughter

4 Son

5 Son-in-law

6 Other, specify: _____

DK Don't know

526. Who orders the refills?

1 Self

2 Spouse

3 Daughter

4 Son

5 Son-in-law

6 Other, specify: _____

DK Don't know

LPG uses

[Enumerator to respondent: This section will focus on your use of the liquefied petroleum gas stove.]

527. How often did you use your LPG stove for cooking over the last week (last 7 days)?

- 1 Several times each day
- 2 About once per day
- 3 A few times this week
- 4 About once this week
- 5 Less than once this week
- DK Don't know

528. Do you use LPG for all of your cooking needs, including cooking food, tea/coffee, and boiling water for household consumption but not including fodder preparation, heating water for bathing, or space heating?

- 1 Yes
- 0 No
- DK Don't know

529. Which of the following items do you cook with LPG on a daily basis? [CHECK ALL]

- 1 Chapattis/roti
- 2 Vegetables and lentils
- 3 Rice
- 4 Tea/snacks
- 5 Milk boiling
- 6 Water boiling for drinking
- 7 Meat/Chicken/Fish
- 8 Other, specify: _____

530. Do you ever carry out any non-cooking related tasks with the LPG? (select all)

- 1 Heating water for bathing
- 2 Preparing fodder for animals
- 3 Heating the room
- 4 Other, specify: _____

LPG perceptions

531. Generally, how satisfied are you with the LPG situation in your household?

- 0 Unsatisfied

- 1 Neutral
- 2 Satisfied
- DK Don't know

ALL HOUSEHOLDS GET ASKED THESE TWO QUESTIONS

532. Are there any negative aspects of cooking with LPG? (Select all) [Do not prompt options]

Too expensive to consume	1
Irregular fuel availability	2
Too far to procure	3
Poor maintenance services	4
LPG is unsafe to use	5
Family members don't like the taste of food cooked on gas	6
Does not heat the home	7
Not enough burners for some foods	8
Not hot enough for some foods	9
LPG not suitable for current utensils	10
Others, please specify	11
No negative aspects	12

533. Are there any positive aspects of cooking with LPG? (Select all) [Do not prompt options]

Free from smoke	1
Very convenient to use	2
Saves cooking time	3

Very safe to use	4
Very good quality of cooking	5
Kitchen / walls are cleaner	6
Utensils / cookware will be easy to clean	7
Others, please specify	8
No positive aspects	9

SOLID FUELS

[IF (404 = 1 OR 2 OR 3 OR 4) OR (406 = 1 OR 2 OR 3 OR 4), THEN SKIP TO 701]

[In other words, households must use a solid fuel to cook]

[Should be all households at baseline]

[Enumerator to respondent: In this section we will discuss the use of solid fuels for household energy needs. Here, “solid fuels” means fuels like firewood, dung, agricultural residues, and charcoal. In other words, fuels that are not liquid or electricity.]

601. Does the stove where you cook with solid fuels most of the time have a chimney?

1 Yes

0 No

DK Don't know

Solid fuel cooking uses

602. How often did you use solid fuels for cooking over the last week (last 7 days)?

1 Several times each day

2 About once per day

3 A few times this week

4 About once this week

5 Less than once this week

DK Don't know

603. Do you burn solid fuel for any non-cooking related tasks at any point during the year?

[SELECT ALL THAT APPLY]

1 Heating the room

2 Preparing fodder for animals

3 Heating water for bathing

4 Other, specify: _____

DK Don't know

[IF 603 \neq 1, SKIP TO 607]

604. How many months during the year do you use space heating? _____ [# months]
[MUST BE FEWER THAN 12 MONTHS]

605. How much of your household is heated during this period of time?

1 Whole house

2 Kitchen/living space is the same room during this time of year

3 Just kitchen

4 Other, specify: _____

DK Don't know

606. During the months when you use space heating, about how many days of the week do you heat rooms with solid fuels? _____ [days per month, must be less than or equal to 7]

607. During the months when you use space heating, about how much of the day do you heat rooms with solid fuels? _____ [HOURS PER DAY, MUST BE LESS THAN OR EQUAL TO 24]

[IF 604 \neq 2, SKIP TO 612]

608. How many months during the year do you cook for animals with solid fuels? _____ [# months]

609. During the times when you cook for animals, about how many days of the week do you cook for animals? _____ [# days, must be less than or equal to 7]

610. On those days when you cook for animals, about how much of the day do you spend cooking for animals? _____ [# hours per day, must be less than or equal to 24]

611. When you cook for the animals, do you cook for animals with solid fuels inside or outside?

1 Inside

2 Outside

3 Both inside and outside

DK Don't know

[IF 604 \neq 3, SKIP TO 616]

612. For how many months in the year do you use solid fuels for heating water for bathing? _____ [# months]

613. During the times when you use solid fuels for heating water for bathing, about how many days of the week do you heat water for bathing? _____ [# days]

614. On those days when you heat water for bathing, about how much of the day do you spend heating water for bathing? _____ [# hours]

615. When you heat water for bathing, do you heat water with solid fuels inside or outside?

1 Inside

2 Outside

3 Both inside and outside

DK Don't know

Solid fuel costs

[IF (404 \neq 1) OR (406 \neq 1), THEN SKIP TO 620]

[Must be a firewood user]

616. In the past month (the last 30 days), typically, how much firewood did you use per week for cooking? _____ [KG/WEEK]
617. In the past month (the last 30 days), how was the firewood acquired most of the time?
- 1 Collected
 - 2 Purchased
 - 3 More collected than purchased
 - 4 More purchased than collected
 - DK Don't know
618. In the past month (the last 30 days), who typically goes to collect firewood most of the time?
- 1 Self
 - 2 Spouse
 - 3 Daughter
 - 4 Son
 - 5 Son-in-law
 - 6 Other, specify: _____
 - DK Don't know
619. In the past month (the last 30 days), on a single trip, how long does it take for this person to go collect the fuel, get the fuel, and come back? _____ [# hours]
620. In the past month (the last 30 days), how many times has this person collected this fuel for household use? _____ [# times]

Solid fuel perceptions

621. Generally, how satisfied are you with the solid fuel situation in your household?
- 0 Unsatisfied

- 1 Neutral
- 2 Satisfied
- DK Don't know

622. Are there any negative aspects of using solid fuels? (select all) [do not prompt options]

Too smoky	1
Poor fuel availability	2
Difficulty procuring fuel	3
Cooking on traditional stove is unsafe	4
Cooking using solid fuels requires a lot of preparation	5
Dampness	6
Takes too long to start the fire	7
Others, please specify: _____	8
No negative aspects	9

623. Are there any positive aspects of using with solid fuels? (select all) [do not prompt options]

Fuel available at free of cost	1
Fuel is easily available	2
Food cooked on traditional stove tastes good	3
Traditional cooking practices used for a long time	4
Very good quality of cooking	5
By cooking with solid fuel, I am saving the expenditure on another fuel like LPG	6
Everyone at home prefers food cooked on <i>chulha</i>	7
Others, please specify: _____	8
No positive aspects	9

PERCEPTIONS

[Enumerator to participant: At this time, I would like to ask you some general questions regarding your experiences with cooking and fuel use. I will read a statement and then I would like you to tell me whether you agree, disagree, or have no opinion with the statement.]

[Do not prompt responses]

	Perception	Response
901	There is no difference in the taste of food cooked on LPG or chulha	0 Disagree 1 Neutral 2 Agree DK Don't know NA Not applicable
902	Cooking with LPG is more challenging than cooking on <i>Chulha</i>	0 Disagree 1 Neutral 2 Agree DK Don't know NA Not applicable
903	LPG is safe to have within the household.	0 Disagree 1 Neutral 2 Agree DK Don't know NA Not applicable

A. MetaData

118. Household ID _____

119. ID and Name of Interviewer ID ___ NAME _____

120. ID and Name of Supervisor ID ___ NAME _____

121. Date of Interview _____

122. Interview start time _____ Interview end time _____

(hh:mm on a 24 hr scale)

B. Cooking tasks

201. In the last four days, what has been your primary cooking fuel? [SELECT ONE]

1	Firewood and chips
2	Agricultural or crop residue
3	Animal waste or dung cakes
4	Charcoal
5	Coal
6	Kerosene / paraffin
7	Gasoline / diesel (not in generator)
8	Liquified petroleum gas (LPG)
9	Bio-gas
10	Electricity
11	Alcohol / ethanol
12	Other, specify: _____

202. In the last four days, can you tell me all the other types of fuel or energy sources the household has used for cooking food, making tea/coffee, boiling drinking water, cooking fodder for animals, or heating a space? [SELECT ALL THAT APPLY]

0	No other fuel used [do not select any other option]
1	Firewood and chips
2	Agricultural or crop residue
3	Animal waste or dung cakes
4	Charcoal
5	Coal
6	Kerosene / paraffin
7	Gasoline / diesel (not in generator)
8	Liquified petroleum gas (LPG)
9	Bio-gas
10	Electricity
11	Alcohol / ethanol
12	Other, specify: _____

[IF 201 OR 202 INCLUDE 1, 2, 3, 4, or 5, ASK 203 AND 204]

203. In the last four days, during a typical day, about how much time was spent cooking with solid fuels? _____ hours/day

204. In the last four days, during a typical day, about how many times did you start burning solid fuels to cook or carry out some other task in the household? _____ times/day

[IF 201 OR 202 INCLUDE 8, ASK 205 AND 206]

205. In the last four days, during a typical day, about how much time was spent cooking with LPG? _____ hours/day

206. In the last four days, during a typical day, about how many times did you use LPG to cook or carry out some other task in the household? _____ times/day

[IF 201 OR 202 INCLUDE 6 or 7, ASK 207 AND 208]

207. In the last four days, during a typical day, about how much time was spent cooking with kerosene, paraffin, gasoline or diesel? _____ hours/day

208. In the last four days, during a typical day, about how many times did you use kerosene, paraffin, gasoline or diesel to cook or carry out some other task in the household? _____ times/day

[IF 201 OR 202 INCLUDE 9, 10, or 11, ASK 209 AND 210]

209. In the last four days, during a typical day, about how much time was spent cooking with biogas, electricity, alcohol, or ethanol? _____ hours/day

210. In the last four days, during a typical day, about how many times did you use biogas, electricity, alcohol, or ethanol to cook or carry out some other task in the household? _____ times/day

	In the last four days, did you use a fuel to [insert task]?	Carried out in last four days?	Please tell me all of the fuels that you used to carry out that task in the past four days [select all that apply]	
300 and 300.1	Boil water	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / paraffin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
301 and 301.1	Boil milk	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / paraffin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
302 and 302.1	Make tea/ snacks	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / paraffin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
303 and 303.1	Cook vegetables	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / paraffin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____

304 and 304.1	Cook rice	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / parrafin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
305 and 305.1	Cook chapatti/ roti	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / parrafin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
306 and 306.1	Cook lentils	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / parrafin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
307 and 307.1	Cook meat/fish	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / parrafin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
308 and 308.1	Heat water for bathing	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas

			4 Charcoal 5 Coal 6 Kerosene / paraffin	10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____
309 and 309.1	Cook food for animals	1 Yes 0 No → Next task	1 Firewood and chips 2 Agricultural or crop residue 3 Animal waste or dung cakes 4 Charcoal 5 Coal 6 Kerosene / paraffin	7 Gasoline / diesel (not in generator) 8 Liquefied petroleum gas (LPG) 9 Bio-gas 10 Electricity 11 Alcohol / ethanol 12 Other, specify: _____

SCENARIO 1: HOUSEHOLD USED LPG AND OTHER FUEL

[IF (201 OR 202 INCLUDE 8) AND (201 OR 202 INCLUDE 1, 2, 3, 4, 5, 6, or 7)]

401. You said you used LPG for some of your foods recently. Thinking about the dishes you cooked, when you cooked them, and how much you used LPG, what were the main reasons you chose to use LPG and not use only biomass for all your needs? [MARK ALL THAT APPLY]

(Note to enumerator: if needed, clarify that biomass refers to firewood, agricultural residues, charcoal, coal, or dung cakes. It would be best to refer to the fuel they reported using.)

1	Had enough LPG in the cylinder to use it
2	Preference for using LPG for specific tasks because of speed
3	Preference for using LPG because of cleanliness of cookware and walls
4	Preference for using LPG because chulha is smoky
5	Preference for using LPG for specific tasks because of ease of cooking
6	Not much LPG in the cylinder, and wanted to save it, so did not use LPG much
7	Did not use LPG for everything because it is expensive to use
8	Did not use LPG for everything because refills are not available
9	Did not use LPG much because it is dangerous to use
10	Did not use LPG much because chulha or biomass is preferred for most tasks, regardless of LPG situation or costs
11	<i>[Note to team: Suggest / add more options as needed]</i>
12	Other, specify: _____

402. Of these, which was the most reason for how you used LPG instead of using only biomass exclusively? [SELECT ONE]

1	Had enough LPG in the cylinder to use it
2	Preference for using LPG for specific tasks because of speed
3	Preference for using LPG because of cleanliness of cookware and walls

4	Preference for using LPG because chulha is smoky
5	Preference for using LPG for specific tasks because of ease of cooking
6	Not much LPG in the cylinder, and wanted to save it, so did not use LPG much
7	Did not use LPG for everything because it is expensive to use
8	Did not use LPG for everything because refills are not available
9	Did not use LPG much because it is dangerous to use
10	Did not use LPG much because chulha or biomass is preferred for most tasks, regardless of LPG situation or costs
11	<i>[Note to team: Suggest / add more options as needed]</i>
12	Other, specify: _____

403. You also said that you used [main biomass fuel 1, e.g., firewood, dung cakes] for some of your cooking. What were the main reasons you decided to use [main biomass fuel 1] instead of using LPG for all of your needs? [MARK ALL THAT APPLY]

1	Had available biomass, so wanted to use it
2	It was cold, so wanted to use biomass to heat home
3	Preference for using chulha or solid fuels for specific tasks because it would take too much LPG to complete (which is expensive)
4	Preference for using chulha or solid fuels for specific tasks because LPG is not powerful enough to complete
5	Preference for using chulha or solid fuels for specific tasks because the cooking is outside
6	Chulha or biomass is preferred for most tasks, regardless of LPG situation or costs, so did not use much LPG
7	I like to use biomass because then I can connect with my family and traditions
8	Did not have lots of biomass, so only used it sparingly
9	Did not use LPG more because of cost of refill, so had to use biomass
10	Did not use LPG more because of access to refill, so had to use biomass
11	Ran out of LPG, so had to use biomass
12	<i>[Note to team: Suggest / add more options as needed]</i>
13	Other, specify: _____

405. Of these, which was the most reason for how you used biomass instead of using only LPG exclusively? [SELECT ONE]

1	Had available biomass, so wanted to use it
2	It was cold, so wanted to use biomass to heat home
3	Preference for using chulha or solid fuels for specific tasks because it would take too much LPG to complete (which is expensive)
4	Preference for using chulha or solid fuels for specific tasks because LPG is not powerful enough to complete
5	Preference for using chulha or solid fuels for specific tasks because the cooking is outside
6	Chulha or biomass is preferred for most tasks, regardless of LPG situation or costs, so did not use much LPG
7	I like to use biomass because then I can connect with my family and traditions
8	Did not have lots of biomass, so only used it sparingly
9	Did not use LPG more because of cost of refill, so had to use biomass
10	Did not use LPG more because of access to refill, so had to use biomass
11	Ran out of LPG, so had to use biomass
12	<i>[Note to team: Suggest / add more options as needed]</i>
13	Other, specify: _____

SCENARIO 2: HOUSEHOLD USED LPG EXCLUSIVELY

[IF 201 == 8 AND 202 == 0]

501. Why did you only use LPG and nothing else? [SELECT ALL THAT APPLY]

1	Did not have any biomass to use
2	I prefer to use LPG for all tasks because the cooking is easier
3	I prefer to use LPG for all tasks because the cooking is cleaner
4	I prefer to use LPG because it improves my social status
5	I prefer to use LPG because it is faster, so I have more time for other things
6	We have enough LPG and can afford to use it all the time
7	I do not use biomass because it is dirty
8	I do not use biomass because it is hard to acquire
9	I do not use biomass because it hurts my health
10	<i>[Note to team: Suggest / add more options as needed]</i>
11	Other, specify: _____

502. Why did you not use another cooking fuel this week? [SELECT ALL THAT APPLY]

1	Did not have any biomass to use
2	I prefer to use LPG for all tasks because the cooking is easier
3	I prefer to use LPG for all tasks because the cooking is cleaner
4	I prefer to use LPG because it improves my social status
5	I prefer to use LPG because it is faster, so I have more time for other things
6	We have enough LPG and can afford to use it all the time
7	I do not use biomass because it is dirty
8	I do not use biomass because it is hard to acquire
9	I do not use biomass because it hurts my health
10	<i>[Note to team: Suggest / add more options as needed]</i>
11	Other, specify: _____

SCENARIO 3: HOUSEHOLD USED SOLID FUEL / POLLUTING FUELS EXCLUSIVELY

[IF 201 == 8 AND 202 == 0]

601. Why did you only use solid fuels and nothing else this week?

1	Did not have any LPG to use
2	I prefer to use biomass for all tasks because the cooking is better, easier, or faster
3	I prefer to use biomass because the food tastes better
4	I prefer to use biomass because it is cheaper, and therefore it improves my financial situation
5	I prefer to use biomass because collecting firewood is a good opportunity to socialize
6	I prefer to use biomass because then I can connect with my family and traditions
7	I do not like using the LPG because it is dangerous
8	I do not like using the LPG because it is too expensive
9	I am told to not use the LPG by somebody else in the household because of the costs
10	I am told to not use the LPG by somebody else in the household because of taste
10	<i>[Note to team: Suggest / add more options as needed]</i>
11	Other, specify: _____

602. Why did you not use LPG this week?

1	No LPG in the cylinder
2	Conserving LPG because it is expensive
3	Conserving LPG because refills are not currently available
4	I am told to not use the LPG by somebody else in the household because of the costs
5	I am told to not use the LPG by somebody else in the household because of taste

6	Special occasions this week meant I needed to use biomass only
7	It is cold so I use biomass to keep the room warm, so I use it to cook too
8	I am afraid to use LPG
9	I do not enjoy cooking with LPG
10	I do not know how to use the LPG stove
11	We do not have the required equipment to use LPG / our LPG stove and equipment is broken and in need of repair
12	I do not enjoy eating food cooked with LPG
13	<i>[Note to team: Suggest / add more options as needed]</i>
14	Other, specify: _____

Please ignore highlights

Jharkhand Energy Access Survey

Introduction to the Household Head

*[*** NOTE: EACH ENUMERATOR MUST HAVE A SMALL BLACKBOARD FOR CONJOINT EXPERIMENT ***]*

[Interviewer shows ID card to the respondent]

Namaste, my name is _____. I work with MORSEL, an organization based in Lucknow that conducts surveys in India. Your household has been selected to participate in a short survey. This survey is a study from Johns Hopkins University. It will take around 45 minutes. Would you like to participate?

1. Did the household head agree to be interviewed? 1 Yes 0 No
2. If no, record the reason: _____

A. MetaData

1. Household ID _____
2. ID and Name of Interviewer ID ___ NAME _____
3. ID and Name of Supervisor ID ___ NAME _____
4. Date of Interview _____
5. Interview start time _____ Interview end time _____

Geographic Information

6. District _____
7. Block _____
8. Village _____
9. Habitation _____
[ASK VILLAGE HEAD IF NEEDED]
10. Full Address _____
11. Mobile Contact Number _____
12. GPS Latitude _____
13. GPS Longitude _____

2 Scheduled Tribe

3 General

4 Other Backward Class

5 Other, specify: _____

22.1. If 22 is "2 Scheduled Tribe" (skip to 23 if not): Which tribe is it?

1 Munda

2 Ho

3 Oraon

4 Other [SPECIFY] _____

23. Number of adult (18+) men living in this household permanently (as of now) _____ [NUMBER]

24. Number of adult (18+) women living in this household permanently (as of now) _____ [NUMBER]

25. Number of children (0-18 years) permanently living in the household (as of now) _____
[NUMBER]

26. How many children are currently studying? _____ [NUMBER]

27. How many members in the family have a voter ID card? _____ [NUMBER]

28. Which ration card does your household have?

1 None

2 APL

3 BPL

4 Antyodaya

C. Economic Activity

29. What is the primary source of income in your family?

- 1 Agriculture on own land
- 2 Cultivation on leased land
- 3 Casual agricultural labor
- 4 Salaried job. Specify industry (write "Government" for government job): _____ [SPECIFY]
- 5 Cattle rearing
- 6 Own business
- 7 Daily laborer. Specify industry: _____ [SPECIFY]
- 8 Other _____ [SPECIFY]

30. In your own assessment, how easy would it be for you to find another job that would pay about the same as you currently earn?

- 1 Very easy 2 Easy 3 Hard 4 Very hard
NA Respondent doesn't work

31. How much is your expenditure on household needs in a typical month? _____
[RUPEES]

32. How many rupees did your household save last year? _____ [RUPEES]

32.1. If your household did not save money, how much do you need to borrow in a typical year? _____ [RUPEES]

33. Does the woman in the household make income? [If no women, skip to 34]

1 Yes; If YES, specify industry _____

0 No

34. How much land does your household own? [0 IF NONE] _____ [Katha] [Dismile] [UNIT].

35. How many cattle and livestock do you own?

___ COWS ___ BUFFALOES ___ FOWLS/CHICKEN
___ COW CALVES ___ BUFFALOES CALVES
___ GOATS ___ OTHER ANIMALS

36. Is your household currently indebted? 1 Yes 0 No

36.1. IF YES: How much in total? _____ [RUPEES]

36.2. IF YES: What is the monthly interest rate of your largest loan? _____ [PERCENT]

37. Who in your household makes decisions on purchase of durable goods?

1 Male head of household

- 2 Female head of household
- 3 Jointly
- 4 Other, specify: _____

38. Is the house you live in *pucca*? 1 Pucca 2 Mixed 3 Kaccha
39. Does your household have a toilet? 1 Yes 0 No
40. Does your household have piped water? 1 Yes 0 No
41. How many rooms does your house have? _____ [NUMBER]
42. How many beds does your household own? _____ [NUMBER]
43. How many tables does your household own? _____ [NUMBER]
44. How many chairs does your household own? _____ [NUMBER]
45. How many bicycles does your household own? _____ [NUMBER]
46. How many motorcycles does your household own? _____ [NUMBER]
47. How many pressure cookers does your household own? _____ [NUMBER]
48. Do you own mechanized 3-4-wheeler agricultural equipment? 1 Yes 0 No
49. Do you own a motorized 2/3/4 wheeler/fishing boat? 1 Yes 0 No
50. Is any household member a government employee? 1 Yes 0 No
51. Is any household member paying income tax or a professional tax? 1 Yes 0 No

*****Only for those households who are in agriculture (skip to 53 otherwise) ***]**

52. Do you use pumps for irrigation? 1 Yes 0 No (skip to 52.3)
- IF YES:**
- 52.1. Do you own the pump? 1 Yes 0 No
- 52.2. What type of pump?
- 1 Diesel pump 2 Electric pumps 3 Both diesel and electric
- IF NO:**
- 52.3. Would you like to use an electric pump? 1 Yes 0 No
- 52.4. How satisfied are you with the current situation of electricity for your agriculture business?
- 1 Unsatisfied 2 Neutral 3 Satisfied NA/Don't use electricity for agriculture

***** For all households ***]**

53. Do you or any other member of your family running a business activity (other than agriculture)?

1 Yes 0 No **(Skip to 54)**

IF YES

53.1. Do you use electricity for your business? 1 Yes 0 No **(Skip to 54)**

IF YES:

53.1.1. How satisfied are you with the current situation of electricity for your business?

1 Unsatisfied 2 Neutral 3 Satisfied

IF UNSATISFIED (skip to 53.1.2 otherwise):

53.1.1.1. Too expensive to consume 1 Yes 0 No

53.1.1.2. Not available when you need it 1 Yes 0 No

53.1.1.3. Poor quality (voltage fluctuations) 1 Yes 0 No

53.1.1.4. Poor maintenance and repair services 1 Yes 0 No

53.1.1.5. Other, SPECIFY: _____

53.1.2. What equipment do you run with electricity? [DON'T PROMPT; SELECT ALL THAT APPLY]

- | | | |
|--------------------------|-----------------------------------|------------------|
| 1. Sewing machine | 2. Dal/Rice/Oil Mill | |
| 3. Motorised loom | 4. Puncture repair/air compressor | 5. Thrasher |
| 6. Water pump | 7. Water purifier | 8. Fodder cutter |
| 9. Milk chilling machine | 10. Crop dryer | 11. Other |
| 12. Fridge | 13. Fan | 14. Light |

54. **Does any member of your family...**

54.1. ... work for any local or national political party? 1 Yes 0 No

54.2. ... is a member of local governing body (gram panchayat)/committee? 1 Yes 0 No

55. **Have you or any member of your family ever participated in any political movement or protest against/for the governing body/authority in the past 5 years?**

1 Yes 0 No

56. **Is any member of your household part of any worker's union?** 1 Yes 0 No

60.5.4. Payment for non-grid electricity _____ [RUPEES/MONTH]

60.6. Do you have a meter? 1 Yes 0 No (if NO, skip to 60.7)

IF YES:

60.6.1. What is the nature of your meter? 1 Pre-paid 2 Post-paid

60.6.2. Do you share your meter with other households? 1 Yes 0 No

60.6.2.1. If YES, Specify number of households _____ [NUMBER]

60.7. Do you receive an electricity bill? 1 Yes 0 No (Skip to 61)

IF YES

60.7.1. How often do you receive an electricity bill?

1 More than once a month 2 Every month 3 Every two months
4 Every three months 5 Less often than every three months
6 No bill

IF HOUSEHOLD HAS A BILL (otherwise skip to 61)

60.7.2. How do you pay your electricity bill?

1. Paying to an official agent at home
2. Paying to an official agent at an office
3. Paying to an unofficial middleman
4. Paying to an unofficial middleman at an office
5. Online
6. Other: _____

60.7.3. How often do you pay your bill on time, within 10 days of the due date?

1 Never
2 Sometimes
3 Most of the time
4 Always

***** ALL HOUSEHOLDS *****

61. Do you use micro-grid for lighting? 1 Yes 0 No (skip to 62)

IF YES:

61.1. What is the micro-grid powered through?

1 Solar 2 Diesel
3 Biomass gasification 4 Micro-hydro
5 Hybrid systems

61.2. What is your total spending for micro-grid electricity per month? _____
[RUPEES/MONTH]

- 61.3. Do you have a meter? 1 Yes 0 No
- 61.4. Do you pay a fixed or variable amount monthly? 0 Variable 1 Fixed 2 No Payment
- 61.5. How much did you have to pay upfront for the micro grid connection? _____
 [RUPEES] [NA if house already had electricity when the respondent moved in; DK if the respondent doesn't remember or doesn't know]

***** ALL HOUSEHOLDS *****

62. Do you use solar home systems? 1 Yes 0 No (if NO, skip to 63)

IF YES:

- 62.1. How many hours of lighting per day do you get from it? _____ [HOURS/DAY]
- 62.2. How many lights does your solar home system support? _____ [Number]
- 62.3. Could your solar home system support the following appliances (even if you don't have them)?
- | | | |
|------------------------|-------|------|
| 62.3.1. Mobile charger | 1 Yes | 0 No |
| 62.3.2. Fan | 1 Yes | 0 No |
| 62.3.3. Radio | 1 Yes | 0 No |
| 62.3.4. Television | 1 Yes | 0 No |
| 62.3.5. Fridge | 1 Yes | 0 No |
- 62.4. How many rupees did it cost you? _____ [RUPEES]
- 62.5. How much subsidy did you receive? _____ [RUPEES]
- 62.6. How many rupees did you borrow for it? _____ [RUPEES]
- 62.7. What is the term (duration) of the loan? _____ [MONTHS]
- 62.8. What is the per-month installment? _____ [RUPEES/MONTH]
- 62.9. Does the company provide you with repair and maintenance service?
 1 Yes 0 No
- 62.10. Did you ever require repair and maintenance service? 1 Yes 0 No

IF YES (if NO: skip to 63):

- 62.10.1. Who paid for the repair and maintenance?
- 0 Our household paid 1 Family/friends paid 2 The company paid

*** ALL HOUSEHOLDS ***

63. Do you use a solar lantern? 1 Yes 0 No (if NO, skip to 64)

63.1. How many solar lanterns do you use? _____ [LANTERNS]

63.2. How many hours of lighting per day do you get from it? _____ [HOURS/DAY]

63.3. Is it rented or owned? 0 Rented 1 Owned

63.3.1. **If Rented:** How much Rs. Does it cost you per month? _____
[RUPEES/MONTH]

63.3.2. **If Owned:** How many rupees did it cost you? _____ [RUPEES]

63.4. How much subsidy did you receive? _____ [RUPEES]

63.5. What is the loan did you take? _____ [RUPEES]

63.6. What is the term of the loan? _____ [MONTHS]

63.7. What is the per month installment? _____ [RUPEES/MONTH]

63.8. Can you charge your mobile with the lantern that you own? 1 Yes 0 No

*** ALL HOUSEHOLDS ***

64. Do you use kerosene lamps for lighting? 1 Yes 0 No (IF NO, skip to 65)

IF YES:

64.1. How many kerosene wick lamps do you use? _____ [LAMPS]

64.2. How many kerosene lanterns do you use? _____ [LANTERNS]

64.3. How many hours a day do you use kerosene lamps for lighting? **NUMBER OF HOURS DURING WHICH AT LEAST ONE LAMP IS ON** _____ [HOURS/DAY]

64.4. How many liters of kerosene do you buy from PDS per month? _____
[LITERS/MONTH]

64.5. What is the price you pay for PDS kerosene? _____ [RUPEES/LITER]
[DO NOT USE ZERO HERE – CODE “DK” IF DON’T KNOW]

64.6. How many liters of kerosene do you buy from the market per month? _____
[LITERS/MONTH]

64.7. What is the price you pay for market kerosene? _____ [RUPEES/LITER]
[DO NOT USE ZERO HERE – CODE “DK” IF DON’T KNOW]

64.8. In your opinion, do kerosene fumes have an effect on your health?

0 No 1 Yes -99 Don't know

64.9. Do you use kerosene for anything other than lighting? 1 Yes 0 No (IF NO, skip to 65)

IF YES:

64.9.1. What for? SPECIFY [ONLY NON-LIGHTING USAGE]

64.9.2. How many liters/month do you use for this? [LET RESPONDENT ANSWER; DON'T MAKE SUGGESTIONS] _____ [LITERS/MONTH]

[ALL HOUSEHOLDS**]**

65. In general, how acceptable it is for people to have Kathiya connection?

- 1. Totally unacceptable
- 2. Somewhat unacceptable
- 3. Neutral
- 4. Somewhat acceptable
- 5. Totally acceptable

66. Is it acceptable for people to have kathiya connections if their village faces frequent blackouts?

- 1 Totally unacceptable 2 Somewhat unacceptable 3 Neutral
- 4 Somewhat acceptable 5 Totally acceptable

67. Is it acceptable for people to have kathiya connections if they are poor?

- 1. Totally unacceptable
- 2. Somewhat unacceptable
- 3. Neutral
- 4. Somewhat acceptable
- 5. Totally acceptable

68. Do you agree or disagree with "If people have a kathiya connection, they should be fined"?

- 1. Strongly agree
- 2. Agree
- 3. Neutral
- 4. Disagree
- 5. Strongly disagree

69. For how many hours is lighting from sources such as kerosene lamps, candles or electricity used for reading (reading books, newspapers, studying, etc.) on an average per day? [Insert values in hours not hours/minutes]

_____ Children [0-24 HOURS PER CHILD]

_____ Adults [0-24 HOURS PER ADULT]

70. How many hours per day do you listen to the radio? _____ [0-24 HOURS]

71. How many hours per day do you watch television? _____ [0-24 HOURS]

72. Do you own a mobile phone? 1 Yes 0 No (If NO, skip to 73)

IF YES:

72.1. How many mobile phones does your household have? _____ [NUMBER]

72.2. How much per month do you pay for charging the phone battery? _____ [RUPEES]

72.3. How many hours do you spend on your phone per day? _____ [0-24 HOURS]

[* ENUMERATOR: FILL IN WITHOUT ASKING RESPONDENT ***]**

73. [*** Does the household have any electricity (whether from the grid, from a solar household system, from a diesel generator, or from a micro grid) ***] 1 Yes 0 No (if NO, skip to 81)

IF YES:

74. How many hours a day is electricity usually available? _____ [HOURS/DAY]

75. For how many hours is electricity usually available between sunset and midnight (till 12 o' clock)?
_____ [0-6 HOURS]

76. How many days in the last month has there been no power throughout the day? _____ [0-30 DAYS]

77. How many days in a month have you experienced that electric equipment suffered because of voltage fluctuation? _____ [0-30 DAYS]

78. How many days a month have you experienced that voltage was too low to run appliances?
_____ [0-30 DAYS]

79. How many of the following items/ appliances do you USE?

79.1. Incandescent bulbs? _____ [NUMBER]

79.2. CFL bulbs _____ [NUMBER]

79.3. LED lights? _____ [NUMBER]

79.4. Tube light? _____ [NUMBER]

79.5. Fans? _____ [NUMBER]

79.6. Electric iron? _____ [NUMBER]

79.7. Refrigerator? _____ [NUMBER]

79.8. Television? _____ [NUMBER]

79.9. Electric Radio/Music System? _____ [NUMBER]

79.10. Cooler? _____ [NUMBER]

- 79.11. Washing machine? _____ [NUMBER]
- 79.12. Electric stove? _____ [NUMBER]
- 79.13. Inverter? _____ [NUMBER]
- 79.14. Electric Water Pump _____ [NUMBER]
- 79.15. **Radio** _____ [NUMBER]
- 79.16. Others? _____ [NUMBER]
- 79.17. Others? _____ [NUMBER]

80. Generally, how satisfied are you with the electricity situation in your household?

1 Unsatisfied 2 Neutral 3 Satisfied

IF "1 UNSATISFIED" (otherwise: skip to 84)

80.1. Why are you unsatisfied? [CHECK ALL THAT APPLY]

- | | | |
|--|-------|------|
| 80.1.1. Too expensive to consume | 1 Yes | 0 No |
| 80.1.2. Not available when you need it | 1 Yes | 0 No |
| 80.1.3. Poor quality (voltage fluctuations) | 1 Yes | 0 No |
| 80.1.4. Poor maintenance and repair services | 1 Yes | 0 No |
| 80.1.5. Other, SPECIFY: _____ | | |

[*ALL NON-GRID HOUSEHOLDS; otherwise, skip to 84 ***]**

81. Is grid electricity available in your habitation? 1 Yes 0 No (skip to 82)

IF YES: If it is available, then why don't you have grid electricity?

- | | | |
|---|-------|------|
| 81.1. Is the connection too expensive? | 1 Yes | 0 No |
| 81.2. Is the monthly bill too expensive? | 1 Yes | 0 No |
| 81.3. Is it too unreliable? | 1 Yes | 0 No |
| 81.4. Don't know how to get or whom to ask? | 1 Yes | 0 No |
| 81.5. Other: _____ [SPECIFY] | | |

82. Did you ever have grid electricity in your household? 1 Yes 0 No (skip to 83)

IF YES:

82.1 When did you lose connection? _____ [Month & Year]

82.2 Why did you lose connection?

0 Non-payment of bill

1 Supply stopped/broke down

2 Other _____ [specify]

83. Are you interested in having grid electricity?

1 Yes

0 No

83.1. **If YES:** What amount are you willing to pay to get electricity connection? _____ [RUPEES]

2. Cooking

[*** ALL HOUSEHOLDS ***]

84. What is your primary cooking fuel?

1 Firewood and chips 2 Dung cakes 3 LPG 4 Bio-gas 5 Coal 6 Other _____ [Specify]

85. How many meals are cooked in your house every day? _____ [NUMBER]

86. How much time is spent in cooking per day? _____ [HOURS/DAY]

87. Do you use domestic gas (LPG) for cooking? 1 Yes 0 No (if NO, skip to 88)

IF YES (LPG Households):

87.1. How many years ago did your house begin to use LPG? _____ [YEARS AGO]

87.2. Did you receive the LPG connection under Pradhan Mantri Ujjwala Yojana (PMUY)

0 No 1 Yes -99 Don't know/Never heard about the scheme

87.3. How much did it cost to get the LPG connection? _____ [RUPEES]

87.4. What all do you cook using LPG? [SELECT ALL THAT APPLY]

1 Chapattis/roti 2 Vegetables and lentils 3 Rice 4 Tea/snacks
5 Milk boiling 6 Water boiling 7 Chicken/mutton/other meat
8. Other [SPECIFY] _____

87.5. Do you use LPG for all cooking needs? 1 Yes 0 No

87.5.1. If NO: why not?

1 Too expensive to use 2 Free biomass is easily available
3 Few items are preferred to cook on chulha 4 Don't like LPG cooked food
5 LPG availability is a constraint 6. Other [SPECIFY] _____

87.6. How many large LPG cylinders do you use in a year? _____ [NUMBER/YEAR]

87.7. How many large cylinders do you get from authorized distributors? _____
[NUMBER/YEAR]

87.8. How many large cylinders do you get from market? _____ [NUMBER/YEAR]

87.9. How many small LPG cylinders do you use in a year? _____ [NUMBER/YEAR]

87.10. How many small cylinders do you get from authorized distributors?
_____ [NUMBER/YEAR]

87.11. How many small cylinders you get from market? _____ [NUMBER/YEAR]

- 87.12. How much does a large cylinder of LPG from authorized distributors cost? _____
[RUPEES/CYLINDER] [If the respondent does not know the answer write "DK"]
- 87.13. How much does a small cylinder of LPG from authorized distributors cost? _____
[RUPEES/CYLINDER] [If the respondent does not know the answer write "DK"]
- 87.14. How much does a large cylinder of LPG from market cost? [DK IF RESPONDENT
DOESN'T KNOW OR IF TAKES TOO LONG TO FIND OUT] _____
[RUPEES/CYLINDER]
- 87.15. How much does a small cylinder of LPG from market cost? [DK IF RESPONDENT
DOESN'T KNOW OR IF TAKES TOO LONG TO FIND OUT] _____ [RUPEES/CYLINDER]

87.16. Is the domestic gas cylinder delivered at your door step? 1 Yes 0 No

IF NO:

- 87.16.1. What is the one-way distance in kilometers your household typically travels to get
LPG? _____ [KM]
- 87.17. Generally, how satisfied are you with the LPG situation in your household?

1 Unsatisfied 2 Neutral 3 Satisfied

IF UNSATISFIED: Why are you unsatisfied?

- 87.17.1. Too expensive to consume 1 Yes 0 No
- 87.17.2. Poor availability 1 Yes 0 No
- 87.17.3. Too far to procure 1 Yes 0 No
- 87.17.4. Poor maintenance services 1 Yes 0 No
- 87.17.5. Other, SPECIFY: _____
- 87.18. How many days **does** it usually takes after placing an order for LPG to get a refill? ____
[DAYS]

87.19. LPG subsidy from authorized procurement is received in whose bank account?

1 Man's account 2 Woman's account 3 Joint account 4 Others

87.20. Who orders the refills?

1 Head of the household 2 Spouse of the head of the household
3 Both 4 Son of the household head
5 Daughter/Daughter-in-law of the household head 6 Other

87.21. Who gets the LPG cylinder when it has to be procured away from home?

1 Head of the household
2 Spouse of the head of the household
3 Both

- 4 Son of the household head
- 5 Daughter/Daughter-in-law of the household head
- 6 Other

***** NON-LPG HOUSEHOLDS ONLY (skip to 90 otherwise) *****

88. Why don't you have LPG?

88.1. Is it not available or too far from your village to obtain? 1 Yes 0 No

88.2. Is it too expensive to install an LPG connection? 1 Yes 0 No

88.3. Is the monthly expense of LPG too expensive? 1 Yes 0 No

88.4. Don't know how to get or whom to ask? 1 Yes 0 No

88.5. Other, SPECIFY: _____

89. Are you interested in getting LPG? 1 Yes 0 No (skip to 90)

89.1. How much would you be willing to pay for an LPG connection? _____ [RUPEES]

89.2. How much would you be willing to pay on monthly basis for enough LPG for your entire cooking needs? _____ [RUPEES/MONTH]

***** ALL HOUSEHOLDS *****

90. Do you use firewood and chips for cooking? 1 Yes 0 No (skip to 91)

IF YES (firewood/Chips Households):

90.1. Where do you collect firewood and chips?

90.1.1. A forest? 1 Yes 0 No

90.1.2. The roadside? 1 Yes 0 No

90.1.3. A farm? 1 Yes 0 No

90.2. Typically, how much firewood do you use per week for cooking? _____
[KG/WEEK]

Of this:

90.3. How much of this is collected by household members? _____ [KG]

90.4. How much of this is brought from the market? _____ [KG]

90.5. How much does a KG of firewood and chips cost? _____ [RUPEES/KG]

[If the respondent does not know the answer write "DK"]

90.6. What is your collection frequency for firewood?

- 1 Daily 2 A few times a week 3 A few times a month
4 A few times a year 5 Don't collect firewood

IF ANSWER IS 1-4 (otherwise: skip to 91):

90.6.1. How much time do you spend each time you go for collection?
_____ HOURS/COLLECTION

90.6.2. What is the one-way distance in kilometers your household typically travels to:

90.6.2.1. Collect firewood and chips? _____ [KM]

90.6.2.2. Buy firewood and chips? _____ [KM]

***** ALL HOUSEHOLDS *****

91. Do you use dung cakes for cooking? 1 Yes 0 No (**Skip to 92**)

IF YES (dung cakes households):

91.1. Typically, how many dung cakes do you use per week? _____ [PIECES/ WEEK]

91.2. If you bought all of this in market, how much would it cost you?

_____ [RUPEES/WEEK] *[If the respondent does not know the answer write "DK"]*

Of this weekly usage:

91.2.1. How many are prepared by household members? _____ [PIECES/ WEEK]

91.2.2. How many are bought from the market? _____ [PIECES/ WEEK]

***** ALL HOUSEHOLDS *****

92. Do you use agro residue for cooking? 1 Yes 0 No (**Skip to 93**)

IF YES (agro residue households):

92.1. Typically, how much agro residue do you use per year? _____ [KG/YEAR]

92.2. How much does a KG of agro residue cost? _____ [RUPEES/KG] *[if the respondent does not know the answer write DK]*

*** ALL HOUSEHOLDS ***

93. Do you use coal for cooking? 1 Yes 0 No (skip to 94)

IF YES (Coal Households):

93.1. Where do you collect coal?

93.1.1. A coal mine? 1 Yes 0 No

93.1.2. The roadside? 1 Yes 0 No

93.1.3. A market? 1 Yes 0 No

93.1.4. A private seller? 1 Yes 0 No

93.2. Typically, how much coal do you use per week for cooking? _____ [KG/WEEK]

Of this:

93.3. How much of this is collected by household members? _____ [KG]

93.4. How much of this is bought? _____ [KG]

93.5. How much does a KG of coal cost? _____ [RUPEES/KG]

[If the respondent does not know the answer write "DK"]

93.6. What is your collection frequency for coal?

1 Daily 2 A few times a week 3 A few times a month
4 A few times a year 5 Don't collect coal

*** ALL HOUSEHOLDS ***

94. Do you use any other fuel for cooking?

1 Yes, SPECIFY _____ 0 No (Skip to 95)

IF YES:

94.1. How much do you use of this fuel in a week? _____ [UNITS/WEEK]

94.2. How much do you spend on this fuel in a week? _____ [RUPEES/WEEK]

*** ALL HOUSEHOLDS ***

95. Does your household have the following items and how many?

95.1. 3-stone cookstove? Indoor: _____ Outdoor: _____

95.2. Mud cookstove? Indoor: _____ Outdoor: _____

95.3. Improved biomass cookstove? Indoor: ____ Outdoor: ____ Portable: ____

95.4. Kerosene stove? Portable: ____

95.5. LPG gas stove? Portable: ____

95.6. Electric stove? Portable: ____

95.7. Other, specify _____

96. Where do you usually cook? 0 indoor 1 outdoor 2 mixed

97. How satisfied are you from your primary cooking arrangement?

1 Unsatisfied 2 Neutral 3 Satisfied

98. Are you cooking less than you want because of poor availability of cooking fuel?

1 Yes 0 No

99. Compared to 5 years ago, has the availability of this fuel:

1 Decreased 2 Remained the same 3 Increased

100. Regarding your primary arrangement for cooking:

100.1. Is it cheap or expensive? 0 Cheap 1 Expensive

100.2. Is it safe or dangerous? 0 Safe 1 Dangerous

100.3. Is the cooking of high or low quality? 0 High quality 1 Low quality?

100.4. Does it cook fast or slowly? 0 Fast 1 Slowly

100.5. Is it easy or difficult to use? 0 Easy 1 Difficult

100.6. Does it provide no smoke, a little smoke, a lot of smoke?

0 No smoke 1 A little smoke 2 A lot of smoke

101. Have you heard about improved biomass cookstoves? 1 Yes 0 No (if NO, skip to 102)

IF YES

101.1. Compared to traditional cookstove, the improved biomass cookstove is:

1 Better 2 Similar 3 Worse 99 Don't know

101.2. Have you ever used an improved biomass cookstove in this household?

1 Yes 0 No (IF NO, skip to 102)

IF YES:

101.2.1. Do you still use it? 1 Yes 0 No

- 101.2.2. When did you first use it? _____ [YEARS AGO]
- 101.2.3. What was the cost of your improved biomass cookstove? _____ [RUPEES]
- 101.2.4. What is the type of clean cookstove?
 0 Basic stove with chimney 1 Rocket type 2 Gasification-based
- 101.2.5. Who is the provider of the improved biomass cookstove?
 0 Government 1 NGO 2 Private vendor
- 101.2.6. How satisfied are you with the performance of your improved biomass cookstove?
 1 Unsatisfied 2 Neutral 3 Satisfied

IF 1 (“UNSATISFIED”); OTHERWISE: skip to 102:

- 101.2.6.1. Too dangerous to use? 1 Yes 0 No
- 101.2.6.2. Too costly? 1 Yes 0 No
- 101.2.6.3. Breakdown frequently? 1 Yes 0 No
- 101.2.6.4. Poor maintenance service? 1 Yes 0 No
- 101.2.6.5. SPECIFY: _____

***** ALL HOUSEHOLDS *****

102. Have you heard about biogas with piped supply for cooking? 1 Yes 0 No (**Skip to 103**)

IF YES

- 102.1. Compared to traditional cookstove, the biogas-based cooking is:
 1 Better 2 Similar 3 Worse DK Don't know
- 102.2. Have you ever used biogas for cooking? 1 Yes 0 No (**Skip to 103**)

IF YES:

- 102.2.1. Do you still use it? 1 Yes 0 No
- 102.2.2. When did you first use it? _____ [YEARS AGO]
- 102.2.3. What kind of plant was it? 0 Individual 1 Community
- 102.2.4. How satisfied are you with your biogas plant?
 1 Unsatisfied 2 Neutral 3 Satisfied

IF 1 (“UNSATISFIED”)

- | | | | |
|------------|---------------------------|-------|------|
| 102.2.4.1. | Too difficult to use? | 1 Yes | 0 No |
| 102.2.4.2. | Too dangerous to use? | 1 Yes | 0 No |
| 102.2.4.3. | Too costly? | 1 Yes | 0 No |
| 102.2.4.4. | Breakdown frequently? | 1 Yes | 0 No |
| 102.2.4.5. | Poor maintenance service? | 1 Yes | 0 No |
| 102.2.4.6. | Other. SPECIFY: _____ | | |
- 102.2.5. Who is the provider of the biogas plant?
0 Government 1 NGO 2 Private vendor
- 102.2.6. What was the upfront cost of the biogas plant? _____ [RUPEES]

3. (Just) Energy Transition

I will now ask you a series of questions about the coal industry in Jharkhand.

103. Do you think that the coal industry of Jharkhand helps or hurts the economy of the state?
1 Helps a lot 2 Helps 3 Neutral 4 Hurts 5 Hurts a lot **DK Don't know**
104. How important is the coal industry for jobs in your village?
1 Not important at all 2 Not important 3 Neutral
4 Important 5 Very important **DK Don't know**
105. How important is the coal industry for your household as a source of income?
1 Not important at all 2 Not important 3 Neutral
4 Important 5 Very important **DK Don't know**
106. Do you think that working in a coal mine is safe or dangerous?
0 Safe 1 Dangerous **DK Don't know**
107. Do you work in the coal sector, whether for CIL, or as a contractor, or informally (e.g. as a coal seller)?
1 Yes 0 No

[*** FOR RESPONDENTS WHO DO NOT WORK IN THE COAL SECTOR (skip to 117 otherwise) ***]

108. How attractive would a job **working for CIL** in a coal mine be for you?
1 Not attractive at all
2 Somewhat unattractive
3 Neutral
4 Somewhat attractive
5 Very attractive
DK Don't know
109. How attractive would a job working as a contractor in a coal mine be for you?
1 Not attractive at all
2 Somewhat attractive
3 Neutral
4 Somewhat attractive
5 Very attractive
DK Don't know
110. How would you feel about a job working for CIL in the closest existing coal mine?
110.1. Would such a job be safe or dangerous? 0 Safe 1 Dangerous **DK Don't know**
110.2. Would the wages be high or low? 0 High 1 Low **DK Don't know**
110.3. Would it be close or far to your home? 0 Close 1 Far **DK Don't know**
110.4. Would it be physically easy or demanding? 0 Easy 1 Demanding **DK Don't know**
111. How much do you earn in your current job? _____ [RUPEES] [WRITE "NO JOB" IF NO JOB] **[WRITE "NA" IF RESPONDENT DOESN'T WANT TO ANSWER]**
 per day
 per week
 per month

112. How satisfied are you with your wages?
 1 Very unsatisfied 2 Unsatisfied 3 Satisfied 4 Very satisfied
113. How much money do you think coal miners make compared to you?
 1 Much less 2 Somewhat less 3 About the same
 4 Somewhat more 5 Much more DK Don't know
114. How attractive would a job of selling coal to shops in the region you live in be to you?
 1 Not attractive at all
 2 Somewhat unattractive
 3 Neutral
 4 Somewhat attractive
 5 Very attractive
 DK Don't know
115. Imagine a job selling coal to shops in the nearest town...
- 115.1. Would such a job be safe or dangerous? 0 Safe 1 Dangerous DK Don't know
 115.2. Would the wages be high or low? 0 High 1 Low DK Don't know
 115.3. Would such a job be close or far to your home? 0 Close 1 Far DK Don't know
 115.4. Would such a job be physically easy or demanding? 0 Easy 1 Demanding DK Don't know
116. How much money do you think people involved in selling coal to shops make compared to you?
 1 Much less
 2 Somewhat less
 3 About the same
 4 Somewhat more
 5 Much more
 DK Don't know

[* FOR RESPONDENTS WHO DO WORK IN THE COAL SECTOR (DIRECTLY OR INDIRECTLY; E.G. COAL MINES, COAL TRANSPORTATION, COAL SALE, etc. (skip to 125 otherwise) ***]**

117. What is your job? [ENUMERATOR: DON'T SPELL OUT THE ANSWERS]
 1 Coal miner 2 Transport coal 3 Selling coal
 4 Other. SPECIFY: _____

118. Who do you work for?
 1 Work for Coal India Limited (CIL)
 2 Contractor for CIL
 3 Informal work/self-employed (e.g. coal seller, coal cyclewallah, coal seller).
 4 Private coal company (e.g. Tata)

119. How many years have you worked in this position? _____ [YEARS]

120. How much do you earn? _____ [RUPEES]

- per day
 per week
 per month

121. How satisfied are you with your wages?
1 Very unsatisfied 2 Unsatisfied 3 Satisfied 4 Very satisfied

122. What is the best thing about working in **the coal sector**?

[** ENUMERATOR: DON'T READ ANSWERS **]

- 1 Wages
- 2 Reliability of income
- 3 Close to home geographically
- 4 Other. SPECIFY: _____

123. **How do you see your own coal job?**

- | | | |
|--|---------|-------------|
| 123.1. Is it safe or dangerous? | 0 Safe | 1 Dangerous |
| 123.2. Are its wages high or low? | 0 High | 1 Low |
| 123.3. Is it close or far from your home? | 0 Close | 1 Far |
| 123.4. Is it physically easy or demanding? | 0 Easy | 1 Demanding |

124. How far is your coal job from your home? _____ [KM]

[** FOR ALL RESPONDENTS **]

125. Over the last five years, has any coal company made gifts to your household, such as fans, radios, televisions, and so forth?

- 0 No 1 Yes. [SPECIFY] What kind of gift? _____

126. Over the last five years, has any coal company made gifts to people in this village, such as fans, radios, televisions, and so forth?

- 0 No 1 Yes. [SPECIFY] What kind of gift? _____

127. **Over the last five years, has any coal company paid for or built buildings such as hospitals, schools, recreation center, etc. in the village?**

- 0 No 1 Yes. [SPECIFY] What kind of building(s)? _____**

128. How many family members (not including yourself) do you know who work in the coal industry? _____ [NUMBER] **[WRITE 0 IF RESPONDENT DOESN'T KNOW ANYBODY]**

129. How many close friends of yours do you know who work in the coal industry? _____ [NUMBER] **[WRITE 0 IF RESPONDENT DOESN'T KNOW ANYBODY]**

130. How many people do you know outside family and close friends who work in the coal industry? [CLARIFICATION: people whose name you know] _____ [NUMBER] **[WRITE 0 IF RESPONDENT DOESN'T KNOW ANYBODY]**

IF MORE THAN 3:

130.1. Can you give us give us the names of three of the people you know? [ENUMERATOR: DON'T WRITE UP NAMES; JUST NOTE IF RESPONDENT COULD PROVIDE NAMES]

- 1 Respondent was able to name 3 people
- 0 Respondent was not able to name 3 people

[** CONJOINT **].

[** ENUMERATOR: DO NOT REPEAT INTRO – JUST QUICKLY WRITE ON BLACKBOARD, STATE CONDITION REMAINS SAME **]

[** ENUMERATOR: RUN 4 SCENARIOS PER RESPONDENT]

[** ENUMERATOR: ONE OF THE 2 JOBS SHOULD ALWAYS BE “COAL MINER”; IF JOB A IS NOT COAL MINER, JOB B IS AUTOMATICALLY COAL JOB **]

I will now present you two possible jobs, and I want to hear which you would prefer:

Job A	Job B
It is a job as a [coal miner, farmer, solar energy worker, street vendor]	It is a job as a [coal miner, farmer, solar energy worker, street vendor]
Pays [3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000] rupees per week	Pays [3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000] rupees per week
Is located [1, 5, 10, 15, 20, 50] kilometers away from your home	Is located [1, 5, 10, 15, 20, 50] kilometers away from your home
Is [bad, safe] for your health	Is [bad, safe] for your health
Will employ you [6 months per year, 7 months per year, 8 months per year, 9 months per year, 10 months per year, 11 months per year, the entire year]	Will employ you [6 months per year, 7 months per year, 8 months per year, 9 months per year, 10 months per year, 11 months per year, the entire year]

131. Which of the two jobs would you prefer?

Job A

Job B

132. How strongly do you feel about your choice?

1 Not strongly

2 Somewhat strongly

3 Very strongly

4. Environment and Health

133. Over the last 5 years, has the size of forests around your village...
1 Decreased 2 Stayed the same 3 Increased
134. Over the last 5 years, firewood collection has become:
1 Easier 2 Same as before 3 More difficult
135. How satisfied are you with the quality of drinking water in your village?
1 Very unsatisfied 2 Unsatisfied 3 Neutral
4 Satisfied 5 Very satisfied
136. How satisfied are you with the quality of the air in your home (indoors)?
1 Very unsatisfied 2 Unsatisfied 3 Neutral
4 Satisfied 5 Very satisfied
137. How satisfied are you with the quality of the air outside in your village (outdoors)?
1 Very unsatisfied 2 Unsatisfied 3 Neutral
4 Satisfied 5 Very satisfied
138. Over the last 3 months:
- 138.1. How many days was the air filled with smoke, dust, and fumes? ____ [DAYS; 0-90]
- 138.2. How many days was the water of bad quality? ____ [DAYS; 0-90]
- 138.3. How many days did you struggle to breathe and/or have heavy cough? ____ [DAYS; 0-90]
- 138.4. How many days has any other adult in your household member struggled to breath and/or have heavy cough? ____ [DAYS; 0-90] [WRITE N/A IF NO OTHER ADULT]
- 138.5. How many days has any children in your household struggled to breath and/or have heavy cough? ____ [DAYS; 0-90] [WRITE N/A IF NO CHILDREN]
- 138.6. How many days were you too sick to work? ____ [DAYS; 0-90] [WRITE "NA" IF RESPONDENT DOESN'T WORK]
- 138.7. How many days was any other adult in your household too sick to work? [WRITE N/A IF NO OTHER ADULT] ____ [DAYS; 0-90]
- 138.8. How many days were the children in your household too sick to go to school or work? [WRITE N/A IF NO CHILDREN] ____ [DAYS; 0-90]

Jharkhand Energy Access Lockdown sixth round V1

Field	Question	Answer
hh_id <i>(required)</i>	Household ID	
wrong_cal_error <i>(required)</i>	You have entered the wrong ID, please go back and correct it. <i>Question relevant when: \${wrong_cal} != 1</i>	
wrong_cal_show	ID Match - [wrong_cal]	
District_cal_show	District - [District_cal]	
District_code_cal_show	District Code - [District_code_cal]	
Tehsil_name_cal_show	Tehsil Name - [Tehsil_name_cal]	
Tehsil_code_cal_show	Tehsil Code - [Tehsil_code_cal]	
Block_name_cal_show	Block Name - [Block_name_cal]	
Block_code_cal_show	Block Code - [Block_code_cal]	
GP_name_cal_show	GP Name - [GP_name_cal]	
GP_code_cal_show	GP Code - [GP_code_cal]	
Village_name_cal_show	Village Name - [Village_name_cal]	
respo_name_show	Respondent Name - [respo_name]	
q_11_show	Mobile - [q_11]	
intro	Jharkhand Energy Access Survey: COVID-related Follow-up	
intro_1	Introduction to the respondent : Namaste, my name is _____. I work with MORSEL, an organization based in Lucknow that conducts surveys in India. About 1 month ago, in May 2021, your household participated in a short survey from Morsel Research & Development. I am calling again to do a follow-up survey. It will take approximately 15 minutes. By completing this survey or questionnaire, you are consenting to be in this research study. Your participation is voluntary and you can stop at any time.	
name_ask <i>(required)</i>	What is your name?	
participate <i>(required)</i>	Would you like to participate?	1 Yes 0 No
age <i>(required)</i>	What is your age? _____ [years] <i>Question relevant when: selected(\${participate} , '1')</i> <i>Response constrained to: .>= 18</i>	
is_there <i>(required)</i>	"Is there anybody else in the household 18 years or older that I could speak with?" <i>Question relevant when: selected(\${participate} , '0')</i>	1 Yes 0 No
age_1 <i>(required)</i>	What is your age? _____ [years] <i>Question relevant when: selected(\${is_there} , '1')</i>	
later_call <i>(required)</i>	Is there a time I could call later today or tomorrow when somebody would be available to talk? <i>Question relevant when: selected(\${is_there} , '0')</i>	1 Yes 0 No
Schedule time to follow-up and call back. <i>Group relevant when: selected(\${later_call} , '1')</i>		
date <i>(required)</i>	date	
time <i>(required)</i>	time	
q_1 <i>(required)</i>	Did the household member agree to be interviewed? <i>Question relevant when: selected(\${participate} , '0') and selected(\${is_there} , '1')</i>	1 Yes 0 No
q_1_reason <i>(required)</i>	record the reason: <i>Question relevant when: selected(\${q_1} , '0')</i>	
metadata	A. Metadata	
enu_name <i>(required)</i>	Name of Interviewer	Nikita Nikita Komal Komal Sarita Sarita Priyanka Priyanka Neha Neha Vinay Vinay Lalita Lalita Baal Baal Other Other specify
enu_name_other <i>(required)</i>	Write Enumerator Name <i>Question relevant when: selected(\${enu_name} , 'Other')</i>	
sup_name <i>(required)</i>	Name of Supervisor	Hariom Hariom Tripathi
date_int <i>(required)</i>	Date of Interview	
<i>Group relevant when: selected(\${q_1} , '1') or selected(\${participate} , '1')</i>		

Field	Question	Answer																				
note_b	B. Household Head and Roster																					
name_ask_final (required)	What is the respondent name?																					
q_b_1 (required)	B.1 What is your relationship to the household head?	<table border="1"> <tr><td>1</td><td>Self</td></tr> <tr><td>2</td><td>Spouse</td></tr> <tr><td>3</td><td>Mother/Mother-in-law</td></tr> <tr><td>4</td><td>father/Father-in-law</td></tr> <tr><td>5</td><td>Son/Daughter</td></tr> <tr><td>6</td><td>Son-in-law/Daughter-in-law</td></tr> <tr><td>7</td><td>Grandson/granddaughter</td></tr> <tr><td>8</td><td>Grandparents</td></tr> <tr><td>9</td><td>Brother/Sister</td></tr> <tr><td>10</td><td>Other, specify _____</td></tr> </table>	1	Self	2	Spouse	3	Mother/Mother-in-law	4	father/Father-in-law	5	Son/Daughter	6	Son-in-law/Daughter-in-law	7	Grandson/granddaughter	8	Grandparents	9	Brother/Sister	10	Other, specify _____
1	Self																					
2	Spouse																					
3	Mother/Mother-in-law																					
4	father/Father-in-law																					
5	Son/Daughter																					
6	Son-in-law/Daughter-in-law																					
7	Grandson/granddaughter																					
8	Grandparents																					
9	Brother/Sister																					
10	Other, specify _____																					
q_b_1_other (required)	Other, specify _____ <i>Question relevant when: selected(\${q_b_1}, '10')</i>																					
q_b_2 (required)	B.2 Are you the primary cook for the household?	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
q_b_3 (required)	B.3. What is your gender?	<table border="1"> <tr><td>0</td><td>Female</td></tr> <tr><td>1</td><td>Male</td></tr> </table>	0	Female	1	Male																
0	Female																					
1	Male																					
note_c	C. Household and economic changes																					
. > C.1 In the past 7 days, has your family endured any of the following economic hardships due to COVID-19? [ASK ALL QUESTIONS]																						
c_1_1 (required)	1. Increased difficulty accessing food for the household	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_1_2 (required)	2. Increased prices for necessary goods	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_1_3 (required)	3. Reduced income from any form of economic activity	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_1_4 (required)	4. Loss of salaried employment	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_1_5 (required)	5. Loss of hourly waged employment, or loss of daily waged employment	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_1_6 (required)	6. Reduced hours of employment, or reduced days of waged employment	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_1_7 (required)	7. Reduced cash from any other sources, such as family members outside the household or government cash transfer programs	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_1_8 (required)	8. Unable to look for employment, such as going to a town for seasonal labor	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																
1	Yes																					
0	No																					
c_2 (required)	C.2 Since the beginning of the coronavirus outbreak, has there been a change in the number of people sleeping in your household?	<table border="1"> <tr><td>1</td><td>More people now</td></tr> <tr><td>2</td><td>Same number of people now</td></tr> <tr><td>3</td><td>Fewer people now</td></tr> </table>	1	More people now	2	Same number of people now	3	Fewer people now														
1	More people now																					
2	Same number of people now																					
3	Fewer people now																					
c_2_1 (required)	C.2.1. Explain why more people live with you now [select all that apply]: <i>Question relevant when: selected(\${c_2}, '1')</i>	<table border="1"> <tr><td>1</td><td>Somebody working elsewhere returned home because of the coronavirus outbreak</td></tr> <tr><td>2</td><td>Somebody working elsewhere returned home, as was already planned</td></tr> <tr><td>3</td><td>Somebody studying elsewhere returned home because of the coronavirus outbreak</td></tr> <tr><td>4</td><td>Somebody studying elsewhere returned home, as was already planned</td></tr> <tr><td>5</td><td>Others specify</td></tr> </table>	1	Somebody working elsewhere returned home because of the coronavirus outbreak	2	Somebody working elsewhere returned home, as was already planned	3	Somebody studying elsewhere returned home because of the coronavirus outbreak	4	Somebody studying elsewhere returned home, as was already planned	5	Others specify										
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3	Somebody studying elsewhere returned home because of the coronavirus outbreak																					
4	Somebody studying elsewhere returned home, as was already planned																					
5	Others specify																					
c_2_1_other (required)	Other, specify: _____ <i>Question relevant when: selected(\${c_2_1}, '5')</i>																					

Field	Question	Answer																
c_2_2 (required)	C.2.2. Explain why fewer people live with you now [select all that apply]: <i>Question relevant when: selected(\${c_2_2} , '3')</i>	<table border="1"> <tr> <td>1</td> <td>Somebody that was living at home left to go work elsewhere, due to the coronavirus pandemic</td> </tr> <tr> <td>2</td> <td>Somebody that was living at home left to go work elsewhere, as was already planned</td> </tr> <tr> <td>3</td> <td>Somebody that was living at home left to go study elsewhere, due to the coronavirus pandemic</td> </tr> <tr> <td>4</td> <td>Somebody that was living at home left to go study elsewhere, as was already planned</td> </tr> <tr> <td>5</td> <td>Others specify</td> </tr> </table>	1	Somebody that was living at home left to go work elsewhere, due to the coronavirus pandemic	2	Somebody that was living at home left to go work elsewhere, as was already planned	3	Somebody that was living at home left to go study elsewhere, due to the coronavirus pandemic	4	Somebody that was living at home left to go study elsewhere, as was already planned	5	Others specify						
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5	Others specify																	
c_2_2_other (required)	Other, specify: _____ <i>Question relevant when: selected(\${c_2_2} , '5')</i>																	
c_3 (required)	C.3 How long ago did your block experience orders to restrict time outdoors due to covid-19? _____ [weeks]																	
c_4 (required)	C.4 Has there been a change in orders to restrict time outdoors in your area since then?	<table border="1"> <tr> <td>0</td> <td>Yes, more restrictive, time or activities outside even more restricted</td> </tr> <tr> <td>1</td> <td>No</td> </tr> <tr> <td>2</td> <td>Yes, less restrictive</td> </tr> <tr> <td>3</td> <td>Yes, all restrictions lifted</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	0	Yes, more restrictive, time or activities outside even more restricted	1	No	2	Yes, less restrictive	3	Yes, all restrictions lifted	-99	Don't know						
0	Yes, more restrictive, time or activities outside even more restricted																	
1	No																	
2	Yes, less restrictive																	
3	Yes, all restrictions lifted																	
-99	Don't know																	
d_note	D. Household energy use patterns																	
d_0_1 (required)	D.0.1 In the last four days, what has been the primary source of lighting in your household?	<table border="1"> <tr> <td>1</td> <td>Grid electricity</td> </tr> <tr> <td>2</td> <td>Kerosene lamp/lantern</td> </tr> <tr> <td>3</td> <td>Micro-grid</td> </tr> <tr> <td>4</td> <td>Solar home system or solar lantern</td> </tr> <tr> <td>5</td> <td>Other, specify: _____</td> </tr> </table>	1	Grid electricity	2	Kerosene lamp/lantern	3	Micro-grid	4	Solar home system or solar lantern	5	Other, specify: _____						
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5	Other, specify: _____																	
d_0_1_other (required)	Other, specify: _____ <i>Question relevant when: selected(\${d_0_1} , '5')</i>																	
d_0 (required)	D.0 In the last four days, can you tell me all the types of fuels or energy sources that the household has used for lighting in the household? [SELECT ALL THAT APPLY]	<table border="1"> <tr> <td>1</td> <td>Grid electricity</td> </tr> <tr> <td>2</td> <td>Kerosene lamp/lantern</td> </tr> <tr> <td>3</td> <td>Micro-grid</td> </tr> <tr> <td>4</td> <td>Solar home system or solar lantern</td> </tr> <tr> <td>5</td> <td>Other, specify: _____</td> </tr> </table>	1	Grid electricity	2	Kerosene lamp/lantern	3	Micro-grid	4	Solar home system or solar lantern	5	Other, specify: _____						
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5	Other, specify: _____																	
d_0_other (required)	Other, specify: _____ <i>Question relevant when: selected(\${d_0} , '5')</i>																	
d_0_2 (required)	D.0.2 Does your household have kerosene lamps for lighting? <i>Question relevant when: not(selected(\${d_0} , '2'))</i>	<table border="1"> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>0</td> <td>No</td> </tr> </table>	1	Yes	0	No												
1	Yes																	
0	No																	
d_0_2_1 (required)	D.0.2.1 Why have you not used the kerosene lamps for lighting in the last four days? [DO NOT PROMPT] [SELECT ALL THAT APPLY] <i>Question relevant when: selected(\${d_0_2} , '1')</i>	<table border="1"> <tr> <td>1</td> <td>No kerosene fuel in the household</td> </tr> <tr> <td>2</td> <td>Running low on kerosene fuel in the household and saving it</td> </tr> <tr> <td>3</td> <td>Unable to purchase kerosene from ration shop or usual place of purchase</td> </tr> <tr> <td>4</td> <td>Kerosene is not a good source of light</td> </tr> <tr> <td>5</td> <td>Kerosene is not safe</td> </tr> <tr> <td>6</td> <td>No need because we have better forms of lighting</td> </tr> <tr> <td>7</td> <td>Kerosene lamps are broken</td> </tr> <tr> <td>8</td> <td>Other, specify: _____</td> </tr> </table>	1	No kerosene fuel in the household	2	Running low on kerosene fuel in the household and saving it	3	Unable to purchase kerosene from ration shop or usual place of purchase	4	Kerosene is not a good source of light	5	Kerosene is not safe	6	No need because we have better forms of lighting	7	Kerosene lamps are broken	8	Other, specify: _____
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6	No need because we have better forms of lighting																	
7	Kerosene lamps are broken																	
8	Other, specify: _____																	
d_0_2_1_other (required)	Other, specify: _____ <i>Question relevant when: selected(\${d_0_2_1} , '8')</i>																	

Field	Question	Answer																								
ker_lamp	kerosene lamps used in the last four days for lighting <i>Question relevant when: selected(\${d_0} , '2')</i>																									
d_0_3_1 (required)	D.0.3.1 Thinking back to before the lockdown, are you now using kerosene for lighting more, the same, or less than before? [Note to surveyor: Do not read options unless clarification needed] <i>Question relevant when: (selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')) and selected(\${d_0} , '2')</i>	<table border="1"> <tr><td>1</td><td>More hours now than before the lockdown</td></tr> <tr><td>2</td><td>The same number of hours as before the lockdown</td></tr> <tr><td>3</td><td>Fewer hours now than before the lockdown</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	More hours now than before the lockdown	2	The same number of hours as before the lockdown	3	Fewer hours now than before the lockdown	-99	Don't know																
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2	The same number of hours as before the lockdown																									
3	Fewer hours now than before the lockdown																									
-99	Don't know																									
d_0_3_2 (required)	D.0.3.2 Thinking back to during the lockdown, in comparison to before lockdown, did you use kerosene for lighting for the same number of hours, for more hours, or for fewer hours? [do not read options unless clarification needed] <i>Question relevant when: selected(\${c_4} , '3') and selected(\${d_0} , '2')</i>	<table border="1"> <tr><td>1</td><td>More hours now than before the lockdown</td></tr> <tr><td>2</td><td>The same number of hours as before the lockdown</td></tr> <tr><td>3</td><td>Fewer hours now than before the lockdown</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	More hours now than before the lockdown	2	The same number of hours as before the lockdown	3	Fewer hours now than before the lockdown	-99	Don't know																
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-99	Don't know																									
d_0_3_4 (required)	D.0.4 In the last four days, in a typical day, how many hours a day did you have at least one kerosene lamp on for lighting? [NUMBER OF HOURS DURING WHICH AT LEAST ONE LAMP IS ON] _____ [HOURS/DAY] <i>Question relevant when: selected(\${d_0} , '2')</i> <i>Response constrained to: . <= 24</i>																									
d_2 (required)	D.2 In the last four days, what has been your primary cooking fuel?	<table border="1"> <tr><td>1</td><td>Firewood and chips</td></tr> <tr><td>2</td><td>Agricultural or crop residue</td></tr> <tr><td>3</td><td>Animal waste / dung cakes</td></tr> <tr><td>4</td><td>Charcoal</td></tr> <tr><td>5</td><td>Coal</td></tr> <tr><td>6</td><td>Kerosene / paraffin</td></tr> <tr><td>7</td><td>Alcohol / ethanol</td></tr> <tr><td>8</td><td>Gasoline / diesel (not in generator)</td></tr> <tr><td>9</td><td>Liquefied petroleum gas (LPG)</td></tr> <tr><td>10</td><td>Bio-gas</td></tr> <tr><td>11</td><td>Electricity</td></tr> <tr><td>12</td><td>Other, specify:</td></tr> </table>	1	Firewood and chips	2	Agricultural or crop residue	3	Animal waste / dung cakes	4	Charcoal	5	Coal	6	Kerosene / paraffin	7	Alcohol / ethanol	8	Gasoline / diesel (not in generator)	9	Liquefied petroleum gas (LPG)	10	Bio-gas	11	Electricity	12	Other, specify:
1	Firewood and chips																									
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10	Bio-gas																									
11	Electricity																									
12	Other, specify:																									
d_2_other (required)	Other, specify <i>Question relevant when: selected(\${d_2} , '12')</i>																									
d_1 (required)	D.1 In the last four days, can you tell me all the types of fuel or energy sources the household has used for cooking food, making tea/coffee, and boiling drinking water? [SELECT ALL THAT APPLY]	<table border="1"> <tr><td>1</td><td>Firewood and chips</td></tr> <tr><td>2</td><td>Agricultural or crop residue</td></tr> <tr><td>3</td><td>Animal waste / dung cakes</td></tr> <tr><td>4</td><td>Charcoal</td></tr> <tr><td>5</td><td>Coal</td></tr> <tr><td>6</td><td>Kerosene / paraffin</td></tr> <tr><td>7</td><td>Alcohol / ethanol</td></tr> <tr><td>8</td><td>Gasoline / diesel (not in generator)</td></tr> <tr><td>9</td><td>Liquefied petroleum gas (LPG)</td></tr> <tr><td>10</td><td>Bio-gas</td></tr> <tr><td>11</td><td>Electricity</td></tr> <tr><td>12</td><td>Other, specify:</td></tr> </table>	1	Firewood and chips	2	Agricultural or crop residue	3	Animal waste / dung cakes	4	Charcoal	5	Coal	6	Kerosene / paraffin	7	Alcohol / ethanol	8	Gasoline / diesel (not in generator)	9	Liquefied petroleum gas (LPG)	10	Bio-gas	11	Electricity	12	Other, specify:
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10	Bio-gas																									
11	Electricity																									
12	Other, specify:																									
d_1_other (required)	Other, specify <i>Question relevant when: selected(\${d_1} , '12')</i>																									
d_3 (required)	D.3 Does your household have an LPG connection?	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No																				
1	Yes																									
0	No																									

Field	Question	Answer																		
d_3_1 (required)	D.3.1 Why have you not used the LPG stove in the last four days? [DO NOT PROMPT] [SELECT ALL THAT APPLY] <i>Question relevant when: selected(\${d_3} , '1') and not(selected(\${d_1} , '9')) and not(selected(\${d_2} , '9'))</i>	<table border="1"> <tr><td>1</td><td>No LPG fuel in the household</td></tr> <tr><td>2</td><td>Running low on LPG fuel in the household and saving it</td></tr> <tr><td>3</td><td>The households has not cooked the usual dishes that the LPG stove is used for</td></tr> <tr><td>4</td><td>The household has lots of other fuels that we are using instead</td></tr> <tr><td>5</td><td>We do not like to use the LPG stove these days</td></tr> <tr><td>6</td><td>Fear of using the LPG stove</td></tr> <tr><td>7</td><td>The person that normally cooks using LPG has not been cooking</td></tr> <tr><td>8</td><td>The LPG stove is broken and cannot be used</td></tr> <tr><td>9</td><td>Other, specify:</td></tr> </table>	1	No LPG fuel in the household	2	Running low on LPG fuel in the household and saving it	3	The households has not cooked the usual dishes that the LPG stove is used for	4	The household has lots of other fuels that we are using instead	5	We do not like to use the LPG stove these days	6	Fear of using the LPG stove	7	The person that normally cooks using LPG has not been cooking	8	The LPG stove is broken and cannot be used	9	Other, specify:
1	No LPG fuel in the household																			
2	Running low on LPG fuel in the household and saving it																			
3	The households has not cooked the usual dishes that the LPG stove is used for																			
4	The household has lots of other fuels that we are using instead																			
5	We do not like to use the LPG stove these days																			
6	Fear of using the LPG stove																			
7	The person that normally cooks using LPG has not been cooking																			
8	The LPG stove is broken and cannot be used																			
9	Other, specify:																			
d_3_1_other (required)	Other, specify <i>Question relevant when: selected(\${d_3_1} , '9')</i>																			
d_4 (required)	D.4 Did you receive the LPG connection under Pradhan Mantri Ujjwala Yojana (PMUY)? <i>Question relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>	<table border="1"> <tr><td>0</td><td>No</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>-99</td><td>Don't know/Never heard about the scheme</td></tr> </table>	0	No	1	Yes	-99	Don't know/Never heard about the scheme												
0	No																			
1	Yes																			
-99	Don't know/Never heard about the scheme																			
d_5 (required)	D.5 Do you have more than one gas cylinder in your household? <i>Question relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>	<table border="1"> <tr><td>1</td><td>Yes</td></tr> <tr><td>0</td><td>No</td></tr> </table>	1	Yes	0	No														
1	Yes																			
0	No																			
d_5_1 (required)	D.5.1 What size are the LPG cylinders you currently have? <i>Question relevant when: selected(\${d_5} , '1')</i>	<table border="1"> <tr><td>1</td><td>Both 14KG</td></tr> <tr><td>2</td><td>Both 5 KG</td></tr> <tr><td>3</td><td>1 x 14 KG, 1 x 5 KG</td></tr> <tr><td>4</td><td>Other, please specify:</td></tr> </table>	1	Both 14KG	2	Both 5 KG	3	1 x 14 KG, 1 x 5 KG	4	Other, please specify:										
1	Both 14KG																			
2	Both 5 KG																			
3	1 x 14 KG, 1 x 5 KG																			
4	Other, please specify:																			
d_5_1_other (required)	Other, please specify <i>Question relevant when: selected(\${d_5_1} , '4')</i>																			
d_5_2 (required)	D.5.2 What size is the LPG cylinder you currently have? <i>Question relevant when: selected(\${d_5} , '0')</i>	<table border="1"> <tr><td>1</td><td>14KG</td></tr> <tr><td>2</td><td>5 KG</td></tr> <tr><td>3</td><td>Other, please specify:</td></tr> </table>	1	14KG	2	5 KG	3	Other, please specify:												
1	14KG																			
2	5 KG																			
3	Other, please specify:																			
d_5_2_other (required)	Other, please specify <i>Question relevant when: selected(\${d_5_2} , '3')</i>																			
d_5_3 (required)	D.5.3. Do you have a single or double bottle connection from your LPG provider (LPG Agency)? <i>Question relevant when: selected(\${d_5} , '1')</i>	<table border="1"> <tr><td>1</td><td>Single Bottle Connection</td></tr> <tr><td>2</td><td>Double Bottle Connection</td></tr> </table>	1	Single Bottle Connection	2	Double Bottle Connection														
1	Single Bottle Connection																			
2	Double Bottle Connection																			
d_5_4 (required)	D.5.4. If single bottle connection, so from whom did you take the second LPG cylinder? <i>Question relevant when: selected(\${d_5_3} , '1') and selected(\${d_5} , '1')</i>	<table border="1"> <tr><td>1</td><td>Bought through standard channel via LPG agency</td></tr> <tr><td>2</td><td>Bought, but not through standard channels / LPG Agency</td></tr> <tr><td>3</td><td>From Neighbour</td></tr> <tr><td>4</td><td>From Relative</td></tr> <tr><td>5</td><td>Others specify</td></tr> </table>	1	Bought through standard channel via LPG agency	2	Bought, but not through standard channels / LPG Agency	3	From Neighbour	4	From Relative	5	Others specify								
1	Bought through standard channel via LPG agency																			
2	Bought, but not through standard channels / LPG Agency																			
3	From Neighbour																			
4	From Relative																			
5	Others specify																			
d_5_4_other (required)	Others specify <i>Question relevant when: selected(\${d_5_4} , '5')</i>																			
d_6 (required)	D.6 In the last four days, during a typical day, about how many meals have been cooked in your house? (Note to interviewer: this question seeks to estimate the average number of meals cooked per day -- not a sum over the past four days) _____ [# meals per day] <i>Question relevant when: selected(\${d_3} , '1')</i>																			
d_7 (required)	D.7 In the last four days, during a typical day, how much time is spent cooking? _____ [# hours per day] All meals combined — total number of hours cooking / stove on in the entire day <i>Question relevant when: selected(\${d_3} , '1')</i> <i>Response constrained to: . <= 24</i>																			

Field	Question	Answer												
d_8_1 (required)	D.8.1 Thinking back to before the lockdown, are you now cooking in total for more hours, for the same number of hours, or for fewer hours as compared to before? [Note to surveyor: Do not read options unless clarification needed] <i>Question relevant when: (selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')) and selected(\${d_3} , '1')</i>	<table border="1"> <tr><td>1</td><td>More hours during the lockdown than before the lockdown</td></tr> <tr><td>2</td><td>The same number of hours as before the lockdown</td></tr> <tr><td>3</td><td>Fewer hours during the lockdown than before the lockdown</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	More hours during the lockdown than before the lockdown	2	The same number of hours as before the lockdown	3	Fewer hours during the lockdown than before the lockdown	-99	Don't know				
1	More hours during the lockdown than before the lockdown													
2	The same number of hours as before the lockdown													
3	Fewer hours during the lockdown than before the lockdown													
-99	Don't know													
d_8_2 (required)	D.8.2 During the lockdown, in comparison with before the lockdown, did you cook for more hours, for the same number of hours, or for fewer hours overall? [do not read options unless clarification needed] <i>Question relevant when: selected(\${c_4} , '3') and selected(\${d_3} , '1')</i>	<table border="1"> <tr><td>1</td><td>More hours during the lockdown than before the lockdown</td></tr> <tr><td>2</td><td>The same number of hours as before the lockdown</td></tr> <tr><td>3</td><td>Fewer hours during the lockdown than before the lockdown</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	More hours during the lockdown than before the lockdown	2	The same number of hours as before the lockdown	3	Fewer hours during the lockdown than before the lockdown	-99	Don't know				
1	More hours during the lockdown than before the lockdown													
2	The same number of hours as before the lockdown													
3	Fewer hours during the lockdown than before the lockdown													
-99	Don't know													
d_9 (required)	D.9 Compared to before lockdown, how are you using LPG? If something has changed, please tell us. [READ OPTIONS] <i>Question relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>	<table border="1"> <tr><td>1</td><td>We are cooking more food with LPG than before</td></tr> <tr><td>2</td><td>We are cooking less food with LPG than before</td></tr> <tr><td>3</td><td>We are using LPG to cook the same amount of food</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	We are cooking more food with LPG than before	2	We are cooking less food with LPG than before	3	We are using LPG to cook the same amount of food	-99	Don't know				
1	We are cooking more food with LPG than before													
2	We are cooking less food with LPG than before													
3	We are using LPG to cook the same amount of food													
-99	Don't know													
d_10 (required)	D.10 Thinking back to before the lockdown, how would you describe your use of the traditional fuels like firewood, coal, dung, agricultural residues, and kerosene now? [READ OPTIONS] <i>Question relevant when: selected(\${d_1} , '1') or selected(\${d_1} , '2') or selected(\${d_1} , '3') or selected(\${d_1} , '4') or selected(\${d_1} , '5') or selected(\${d_1} , '6') or selected(\${d_2} , '1') or selected(\${d_2} , '2') or selected(\${d_2} , '3') or selected(\${d_2} , '4') or selected(\${d_2} , '5') or selected(\${d_2} , '6')</i>	<table border="1"> <tr><td>1</td><td>We are cooking with traditional fuels more</td></tr> <tr><td>2</td><td>We are cooking with traditional fuels less</td></tr> <tr><td>3</td><td>We are using traditional fuels as much as we did previously</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	We are cooking with traditional fuels more	2	We are cooking with traditional fuels less	3	We are using traditional fuels as much as we did previously	-99	Don't know				
1	We are cooking with traditional fuels more													
2	We are cooking with traditional fuels less													
3	We are using traditional fuels as much as we did previously													
-99	Don't know													
e_gases_note	E. Gas access <i>Question relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>													
.	.													
.	<i>Group relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>													
e_1_1 (required)	E.1.1 Since the lockdown began, have you refilled your LPG cylinder? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr><td>0</td><td>No</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	0	No	1	Yes	-99	Don't know						
0	No													
1	Yes													
-99	Don't know													
e_1_2 (required)	E.1.2 During the period of the lockdown, did you refill your LPG cylinder? <i>Question relevant when: selected(\${c_4} , '3')</i>	<table border="1"> <tr><td>0</td><td>No</td></tr> <tr><td>1</td><td>Yes</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	0	No	1	Yes	-99	Don't know						
0	No													
1	Yes													
-99	Don't know													
e_2 (required)	E.2 How many weeks ago did you last refill your large LPG cylinder? _____ [# weeks]													
e_3 (required)	E.3 Where did you get that refill from?	<table border="1"> <tr><td>1</td><td>Delivered to doorstep</td></tr> <tr><td>2</td><td>Picked up at Local shop</td></tr> <tr><td>3</td><td>Picked up at LPG distributor</td></tr> <tr><td>4</td><td>Picked up by Neighbor</td></tr> <tr><td>5</td><td>Received at village pick-up point</td></tr> <tr><td>6</td><td>Other, explain</td></tr> </table>	1	Delivered to doorstep	2	Picked up at Local shop	3	Picked up at LPG distributor	4	Picked up by Neighbor	5	Received at village pick-up point	6	Other, explain
1	Delivered to doorstep													
2	Picked up at Local shop													
3	Picked up at LPG distributor													
4	Picked up by Neighbor													
5	Received at village pick-up point													
6	Other, explain													
e_3_other (required)	Other, explain: <i>Question relevant when: selected(\${e_3} , '6')</i>													

Field	Question	Answer																
e_4 (required)	E.4 When you refilled this time, were there any differences in your LPG delivery as compared before the lockdown? [SELECT ALL THAT APPLY] [DO NOT PROMPT] <i>Question relevant when: selected(\${e_1_1} , '1') or selected(\${e_1_2} , '1')</i>	<table border="1"> <tr><td>1</td><td>No delivery as compared to usual delivery</td></tr> <tr><td>2</td><td>Delivery as compared to not usually getting delivery</td></tr> <tr><td>3</td><td>Longer wait as compared to usual at distributor shop</td></tr> <tr><td>4</td><td>Shorter wait as compared to usual at distributor shop</td></tr> <tr><td>5</td><td>Village pick-up point was further away than usual</td></tr> <tr><td>6</td><td>Village pick-up point was closer than usual</td></tr> <tr><td>7</td><td>There were no differences</td></tr> <tr><td>8</td><td>Other, explain:</td></tr> </table>	1	No delivery as compared to usual delivery	2	Delivery as compared to not usually getting delivery	3	Longer wait as compared to usual at distributor shop	4	Shorter wait as compared to usual at distributor shop	5	Village pick-up point was further away than usual	6	Village pick-up point was closer than usual	7	There were no differences	8	Other, explain:
1	No delivery as compared to usual delivery																	
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7	There were no differences																	
8	Other, explain:																	
e_4_other (required)	Other, explain: <i>Question relevant when: selected(\${e_4} , '8')</i>																	
e_5 (required)	E.5 Thinking back to before the lockdown, does it take less time, more time, or the same amount of time to receive the subsidy amount in your bank account? <i>Question relevant when: selected(\${e_1_1} , '1') or selected(\${e_1_2} , '1')</i>	<table border="1"> <tr><td>1</td><td>More time now than before the lockdown</td></tr> <tr><td>2</td><td>The same time as before the lockdown</td></tr> <tr><td>3</td><td>Less time now than before the lockdown</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	More time now than before the lockdown	2	The same time as before the lockdown	3	Less time now than before the lockdown	-99	Don't know								
1	More time now than before the lockdown																	
2	The same time as before the lockdown																	
3	Less time now than before the lockdown																	
-99	Don't know																	
e_6 (required)	E.6 How much did you pay at the time of purchase for your last LPG cylinder refill? _____ [INR] [Note for surveyor: This amount refers to the overall, "gross" amount paid without any subsidy deduction.]																	
e_7 (required)	E.7 Why did you not refill your LPG cylinder during lockdown? [SELECT ALL THAT APPLY] [DO NOT PROMPT] <i>Question relevant when: selected(\${e_1_1} , '0') or selected(\${e_1_2} , '0')</i>	<table border="1"> <tr><td>1</td><td>Did not run out of gas</td></tr> <tr><td>2</td><td>Rationed gas so I did not run out</td></tr> <tr><td>3</td><td>Did not have money available</td></tr> <tr><td>4</td><td>Did not want to leave household to get refill</td></tr> <tr><td>5</td><td>Normal gas delivery not available</td></tr> <tr><td>6</td><td>Was not allowed to leave household to get refill</td></tr> <tr><td>7</td><td>Other, specify: _____</td></tr> </table>	1	Did not run out of gas	2	Rationed gas so I did not run out	3	Did not have money available	4	Did not want to leave household to get refill	5	Normal gas delivery not available	6	Was not allowed to leave household to get refill	7	Other, specify: _____		
1	Did not run out of gas																	
2	Rationed gas so I did not run out																	
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4	Did not want to leave household to get refill																	
5	Normal gas delivery not available																	
6	Was not allowed to leave household to get refill																	
7	Other, specify: _____																	
e_7_other (required)	Other, specify: _____ <i>Question relevant when: selected(\${e_7} , '7')</i>																	
e_8 (required)	E.8 When do you expect to next refill an LPG cylinder? _____ [# weeks]																	
sec_f	F. Solid fuels access																	
.	.																	
.	.																	
f_1 (required)	F.1 As compared to before the lockdown, has your household been collecting firewood, twigs, agricultural residues, or dung cakes more, the same, or less frequently than before? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr><td>1</td><td>More frequent firewood collection trips during lockdown as compared to before lockdown</td></tr> <tr><td>2</td><td>Same amount of firewood collection trips during the lockdown as compared to before</td></tr> <tr><td>3</td><td>Less frequent firewood collection trips during the lockdown as compared to before</td></tr> <tr><td>-99</td><td>Don't know</td></tr> </table>	1	More frequent firewood collection trips during lockdown as compared to before lockdown	2	Same amount of firewood collection trips during the lockdown as compared to before	3	Less frequent firewood collection trips during the lockdown as compared to before	-99	Don't know								
1	More frequent firewood collection trips during lockdown as compared to before lockdown																	
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3	Less frequent firewood collection trips during the lockdown as compared to before																	
-99	Don't know																	

Field	Question	Answer								
f_2 (required)	F.2 As compared to before the lockdown, has your household collected more, the same, or less firewood, twigs, agricultural residues, or dung cakes in a typical trip than before? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr> <td>1</td> <td>More firewood collected in a typical trip now than before</td> </tr> <tr> <td>2</td> <td>Same amount of firewood collected in a typical trip now as compared to before</td> </tr> <tr> <td>3</td> <td>Less firewood collected now than compared to before?</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More firewood collected in a typical trip now than before	2	Same amount of firewood collected in a typical trip now as compared to before	3	Less firewood collected now than compared to before?	-99	Don't know
1	More firewood collected in a typical trip now than before									
2	Same amount of firewood collected in a typical trip now as compared to before									
3	Less firewood collected now than compared to before?									
-99	Don't know									
f_3 (required)	F.3 As compared to before the lockdown, does the household now have more, the same, or less firewood, twigs, agricultural residues, or dung cakes in the household typically? [Note for surveyor: This question refers to the amount/volume/weight of fuel being stored in the household. Households often have some amount of fuel being stored that they then are able to use for cooking at any given point. Here, we ask if they have approximately the same, more, or less fuel stored in the household as compared to before.] <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr> <td>1</td> <td>More fuel in the household now as compared to before</td> </tr> <tr> <td>2</td> <td>Same amount of fuel in the household now as compared to before</td> </tr> <tr> <td>3</td> <td>Less fuel in the household now as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More fuel in the household now as compared to before	2	Same amount of fuel in the household now as compared to before	3	Less fuel in the household now as compared to before	-99	Don't know
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2	Same amount of fuel in the household now as compared to before									
3	Less fuel in the household now as compared to before									
-99	Don't know									
f_4 (required)	F.4 As compared to before the lockdown, does the household now have a more difficult, an easier, or about the same difficulty acquiring firewood, twigs, agricultural residues, or dung cakes? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr> <td>1</td> <td>Increased difficult as compared to before</td> </tr> <tr> <td>2</td> <td>Acquisition is the same difficulty</td> </tr> <tr> <td>3</td> <td>Acquisition is easier</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	Increased difficult as compared to before	2	Acquisition is the same difficulty	3	Acquisition is easier	-99	Don't know
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f_5 (required)	F.5 Thinking back to during the lockdown, in comparison with before the lockdown, did your household collect firewood, twigs, agricultural residues, or dung cakes more, the same, or less frequently than before? <i>Question relevant when: selected(\${c_4} , '3')</i>	<table border="1"> <tr> <td>1</td> <td>More frequent firewood collection trips during lockdown as compared to before lockdown</td> </tr> <tr> <td>2</td> <td>Same amount of firewood collection trips during the lockdown as compared to before</td> </tr> <tr> <td>3</td> <td>Less frequent firewood collection trips during the lockdown as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More frequent firewood collection trips during lockdown as compared to before lockdown	2	Same amount of firewood collection trips during the lockdown as compared to before	3	Less frequent firewood collection trips during the lockdown as compared to before	-99	Don't know
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f_6 (required)	F.6 Thinking back to during the lockdown, in comparison with before the lockdown, did your household collect more, the same, or less firewood, twigs, agricultural residues, or dung cakes in a typical trip than before? <i>Question relevant when: selected(\${c_4} , '3')</i>	<table border="1"> <tr> <td>1</td> <td>More firewood, twigs, agricultural residues, or dung cakes collected in a typical trip during lockdown than before</td> </tr> <tr> <td>2</td> <td>Same amount of firewood, twigs, agricultural residues, or dung cakes collected in a typical trip during lockdown as compared to before</td> </tr> <tr> <td>3</td> <td>Less firewood, twigs, agricultural residues, or dung cakes collected during lockdown than compared to before?</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More firewood, twigs, agricultural residues, or dung cakes collected in a typical trip during lockdown than before	2	Same amount of firewood, twigs, agricultural residues, or dung cakes collected in a typical trip during lockdown as compared to before	3	Less firewood, twigs, agricultural residues, or dung cakes collected during lockdown than compared to before?	-99	Don't know
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-99	Don't know									
f_7 (required)	F.7 Thinking back to during the lockdown, in comparison with before the lockdown, did your household have more, the same, or less firewood, twigs, agricultural residues, or dung cakes in the household typically? <i>Question relevant when: selected(\${c_4} , '3')</i>	<table border="1"> <tr> <td>1</td> <td>More during lockdown</td> </tr> <tr> <td>2</td> <td>Same during lockdown as before</td> </tr> <tr> <td>3</td> <td>Less during lockdown</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More during lockdown	2	Same during lockdown as before	3	Less during lockdown	-99	Don't know
1	More during lockdown									
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-99	Don't know									

Field	Question	Answer														
f_8 (required)	F.8 Thinking back to during the lockdown, as compared to non-lockdown times, did your household have a more difficult, an easier, or about the same difficulty acquiring firewood, twigs, agricultural residues, or dung cakes? <i>Question relevant when: selected(\${c_4} , '3')</i>	<table border="1"> <tr> <td>1</td> <td>Increased difficult during lockdown as compared to before</td> </tr> <tr> <td>2</td> <td>Acquisition was the same difficulty during lockdown as compared to before</td> </tr> <tr> <td>3</td> <td>Acquisition was easier during lockdown as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	Increased difficult during lockdown as compared to before	2	Acquisition was the same difficulty during lockdown as compared to before	3	Acquisition was easier during lockdown as compared to before	-99	Don't know						
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-99	Don't know															
f_9 (required)	F.9 When was the last time a household member collected firewood, twigs, agricultural residues, or dung cakes? _____ [days ago]															
f_10 (required)	F.10 When do you expect that a household member will next go for collecting firewood, twigs, agricultural residues, or dung cakes? _____ [days from now]															
. > . <i>Group relevant when: selected(\${d_1} , '4') or selected(\${d_1} , '5')</i>																
f_11 (required)	F.11 As compared to before the lockdown, has your household been collecting coal more, the same, or less frequently than before? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr> <td>1</td> <td>More frequent coal collection trips now as compared to before</td> </tr> <tr> <td>2</td> <td>Same amount of coal collection trips now as compared to before</td> </tr> <tr> <td>3</td> <td>Less frequent coal collection trips now as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More frequent coal collection trips now as compared to before	2	Same amount of coal collection trips now as compared to before	3	Less frequent coal collection trips now as compared to before	-99	Don't know						
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f_12 (required)	F.12 As compared to before the lockdown, has your household been collecting coal more, the same, or less in a typical trip than before? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr> <td>1</td> <td>More coal collected in a typical trip now as compared to before</td> </tr> <tr> <td>2</td> <td>Same coal collected in a typical trip now as compared to before</td> </tr> <tr> <td>3</td> <td>Less coal collected in a typical trip now as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More coal collected in a typical trip now as compared to before	2	Same coal collected in a typical trip now as compared to before	3	Less coal collected in a typical trip now as compared to before	-99	Don't know						
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f_13 (required)	F.13 Where have you gone to get coal during lockdown? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')</i>	<table border="1"> <tr> <td>0</td> <td>I have not gotten coal during lockdown</td> </tr> <tr> <td>1</td> <td>A coal mine</td> </tr> <tr> <td>2</td> <td>The roadside</td> </tr> <tr> <td>3</td> <td>A market</td> </tr> <tr> <td>4</td> <td>A private seller</td> </tr> <tr> <td>5</td> <td>Other, specify:</td> </tr> </table>	0	I have not gotten coal during lockdown	1	A coal mine	2	The roadside	3	A market	4	A private seller	5	Other, specify:		
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5	Other, specify:															
f_13_other (required)	Other, specify: <i>Question relevant when: selected(\${f_13} , '5')</i>															
f_13_1 (required)	F.13.1 Why have you not gotten coal during lockdown? [SELECT ALL THAT APPLY] [DO NOT PROMPT] <i>Question relevant when: (selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '-99')) and selected(\${f_13} , '0')</i>	<table border="1"> <tr> <td>1</td> <td>I have not run out of coal</td> </tr> <tr> <td>2</td> <td>I have not been using coal for cooking during lockdown</td> </tr> <tr> <td>3</td> <td>Did not have money available</td> </tr> <tr> <td>4</td> <td>Did not want to leave household to get coal</td> </tr> <tr> <td>5</td> <td>Normal coal buying location not available</td> </tr> <tr> <td>6</td> <td>Was not allowed to leave household to get coal</td> </tr> <tr> <td>7</td> <td>Other, specify</td> </tr> </table>	1	I have not run out of coal	2	I have not been using coal for cooking during lockdown	3	Did not have money available	4	Did not want to leave household to get coal	5	Normal coal buying location not available	6	Was not allowed to leave household to get coal	7	Other, specify
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7	Other, specify															
f_13_1_other (required)	Other, specify <i>Question relevant when: selected(\${f_13_1} , '7')</i>															

Field	Question	Answer												
f_14 (required)	F.14 Thinking back to during the lockdown, in comparison with before the lockdown, did your household collect coal more, the same, or less frequently than before? <i>Question relevant when: selected(\${c_4}, '3')</i>	<table border="1"> <tr> <td>1</td> <td>More frequent coal collection trips during lockdown as compared to before</td> </tr> <tr> <td>2</td> <td>Same amount of coal collection trips during lockdown as compared to before</td> </tr> <tr> <td>3</td> <td>Less frequent coal collection trips during lockdown as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More frequent coal collection trips during lockdown as compared to before	2	Same amount of coal collection trips during lockdown as compared to before	3	Less frequent coal collection trips during lockdown as compared to before	-99	Don't know				
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-99	Don't know													
f_15 (required)	F.15 Thinking back to during the lockdown, in comparison with before the lockdown, did your household collect the same, or less in a typical trip than before? <i>Question relevant when: selected(\${c_4}, '3')</i>	<table border="1"> <tr> <td>1</td> <td>More coal collected in a typical trip during lockdown as compared to before</td> </tr> <tr> <td>2</td> <td>Same coal collected in a typical trip during lockdown as compared to before</td> </tr> <tr> <td>3</td> <td>Less coal collected in a typical trip during lockdown as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	More coal collected in a typical trip during lockdown as compared to before	2	Same coal collected in a typical trip during lockdown as compared to before	3	Less coal collected in a typical trip during lockdown as compared to before	-99	Don't know				
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f_16 (required)	F.16 Thinking back to during the lockdown, where did you go to get coal? <i>Question relevant when: selected(\${c_4}, '3')</i>	<table border="1"> <tr> <td>0</td> <td>I did not get coal during lockdown</td> </tr> <tr> <td>1</td> <td>A coal mine</td> </tr> <tr> <td>2</td> <td>The roadside</td> </tr> <tr> <td>3</td> <td>A market</td> </tr> <tr> <td>4</td> <td>A private seller</td> </tr> <tr> <td>5</td> <td>Other, specify:</td> </tr> </table>	0	I did not get coal during lockdown	1	A coal mine	2	The roadside	3	A market	4	A private seller	5	Other, specify:
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f_16_other (required)	Other, specify <i>Question relevant when: selected(\${f_16}, '5')</i>													
sec_g	G. Perceptions related to cooking fuels now <i>Question relevant when: selected(\${d_3}, '1') or selected(\${d_1}, '9') or selected(\${d_2}, '9')</i>													
. > . <i>Group relevant when: selected(\${d_3}, '1') or selected(\${d_1}, '9') or selected(\${d_2}, '9')</i>														
g_1_1 (required)	G.1.1 Since the lockdown has begun, how does the price of an LPG cylinder refill compare to before? <i>Question relevant when: selected(\${c_4}, '0') or selected(\${c_4}, '1') or selected(\${c_4}, '2') or selected(\${c_4}, '-99')</i>	<table border="1"> <tr> <td>1</td> <td>Much higher price during Lockdown as compared to before</td> </tr> <tr> <td>2</td> <td>A little bit higher price during Lockdown as compared to before</td> </tr> <tr> <td>3</td> <td>The same price during Lockdown as compared to before</td> </tr> <tr> <td>4</td> <td>A little bit cheaper price during Lockdown as compared to before</td> </tr> <tr> <td>5</td> <td>Much cheaper price during Lockdown as compared to before</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	Much higher price during Lockdown as compared to before	2	A little bit higher price during Lockdown as compared to before	3	The same price during Lockdown as compared to before	4	A little bit cheaper price during Lockdown as compared to before	5	Much cheaper price during Lockdown as compared to before	-99	Don't know
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-99	Don't know													

Field	Question	Answer
g_1_2 (required)	G.1.2 Thinking back to during the lockdown, in comparison with before the lockdown, how did the price of an LPG cylinder refill compare to before? <i>Question relevant when: selected(\${c_4} , '3')</i>	1 Much higher price during Lockdown as compared to before
		2 A little bit higher price during Lockdown as compared to before
		3 The same price during Lockdown as compared to before
		4 A little bit cheaper price during Lockdown as compared to before
		5 Much cheaper price during Lockdown as compared to before
		-99 Don't know
g_2 (required)	G.2 Since the lockdown began, is it now easier, more difficult, or the same difficulty of acquiring an LPG cylinder refill?	1 Increased difficult as compared to before
		2 Acquisition is the same difficulty
		3 Acquisition is easier
		-99 Don't know
g_3 (required)	G.3 Do you agree or disagree with the following statement: Since the lockdown has begun, we like to cook with gas more than before.	1 We like to use gas more now than before
		2 Same now as before
		3 We do not like to use gas as much now as compared to before
		-99 Don't know
g_3_1 (required)	G.3.1 Why do you like using gas more now than before? [SELECT ALL THAT APPLY] [DO NOT PROMPT] <i>Question relevant when: selected(\${g_3} , '1')</i>	1 We value faster cooking with LPG more now during lockdown
		2 LPG is cheaper now
		3 LPG is more accessible now
		4 Three free cylinder policy
		5 Household has less biomass now
		6 Household can acquire biomass less easily now
		7 Household preferences favor the taste of food cooked with LPG
		8 Household preferences shifting away from the taste of food cooked over firewood, twigs, or agricultural residues
		9 Household preferences favor the experience of cooking with LPG
		10 Household preferences shifting away the experience of cooking with firewood, twigs, or agricultural residues
		11 Other, please explain
g_3_1_other (required)	Other, please explain <i>Question relevant when: selected(\${g_3_1} , '11')</i>	

Field	Question	Answer
g_3_2 (required)	G.3.2 Why do you like using gas less than before? [SELECT ALL THAT APPLY] [DO NOT PROMPT] <i>Question relevant when: selected(\${g_3} , '3')</i>	1 LPG is more expensive now
		2 LPG is less accessible now
		3 Household has more biomass now
		4 Household preferences favor the taste of food cooked over firewood, twigs, or agricultural residues
		5 Household does not prefer the taste of food cooked with LPG
		6 Household preferences favor the experience of cooking with firewood, twigs, or agricultural residues
		7 Household does not prefer the experience of cooking with LPG
		8 Other, please explain
g_3_2_other (required)	Other, please explain <i>Question relevant when: selected(\${g_3_2} , '8')</i>	
sec_h	H. Policies: awareness and benefits	
h_1 (required)	H.1 As of April 1, 2020, the Government of India has made three free LPG cylinder refills available to Ujjwala beneficiaries. Prior to our conversation, were you or anybody in this household aware of this policy?	1 Yes
		0 No
h_2 (required)	H.2 How did you or anybody in the household become aware of this program/policy? <i>Question relevant when: selected(\${h_1} , '1')</i>	1 Distributor or gas agency
		2 From neighbor
		3 From officials of an Oil Marketing Company (Like Indian Oil Corporation Ltd, Hindustan Petroleum Corporation Ltd or Bharat Petroleum Corporation Limited
		4 Text message
		5 Newspaper
		6 Television
		7 Radio
		8 Other, specify
h_2_other (required)	Other, specify <i>Question relevant when: selected(\${h_2} , '8')</i>	
. > . <i>Group relevant when: (selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')) and selected(\${d_4} , '1')</i>		
h_3 (required)	H.3 Have you received an LPG refill subsidy deposited into your bank account? <i>Question relevant when: selected(\${h_1} , '1')</i>	0 No
		1 Yes
		-99 Don't know
h_4 (required)	H.4 Have you obtained or received any of these three free cylinders? <i>Question relevant when: selected(\${h_1} , '1')</i>	1 Yes
		0 No
h_4_1 (required)	H.4.1 How many such free refills have you received? _____ [# refills; MAXIMUM NUMERIC VALUE OF 5] <i>Question relevant when: selected(\${h_4} , '1')</i> <i>Response constrained to: . <= 5</i>	
h_4_2 (required)	H.4.2 Did you find the process as convenient as acquiring a typical refill? <i>Question relevant when: selected(\${h_4} , '1')</i>	1 Yes, just as easy as a normal refill
		2 No, easier than a typical refill
		3 No, more difficult than a typical refill
		4 Other, specify: _____
		-99 Don't know
h_4_2_other (required)	Other, specify <i>Question relevant when: selected(\${h_4_2} , '4')</i>	

Field	Question	Answer												
h_4_2_1 (required)	H.4.2.1 Could you please explain in what way it was more difficult? [DON'T PROMPT] [SELECT ALL THAT APPLY] <i>Question relevant when: selected(\${h_4_2} , '3')</i>	<table border="1"> <tr> <td>1</td> <td>Having to pay the full price at the time of sale is difficult</td> </tr> <tr> <td>2</td> <td>It took longer to receive the subsidy/stimulus in the bank account</td> </tr> <tr> <td>3</td> <td>It was more difficult to get to where I refilled the cylinder as compared to before due to travel restrictions</td> </tr> <tr> <td>4</td> <td>There was confusion about the policy at the point of sale</td> </tr> <tr> <td>5</td> <td>Other, specify</td> </tr> </table>	1	Having to pay the full price at the time of sale is difficult	2	It took longer to receive the subsidy/stimulus in the bank account	3	It was more difficult to get to where I refilled the cylinder as compared to before due to travel restrictions	4	There was confusion about the policy at the point of sale	5	Other, specify		
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h_4_2_1_other (required)	Other, specify <i>Question relevant when: selected(\${h_4_2_1} , '5')</i>													
h_5 (required)	H.5 Do you plan to take advantage of the program in the future? <i>Question relevant when: selected(\${h_4} , '0')</i>	<table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	0	No	1	Yes	-99	Don't know						
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h_6 (required)	H.6 Do you plan to take advantage of the program in the future? <i>Question relevant when: selected(\${h_1} , '0') and selected(\${d_4} , '1')</i>	<table border="1"> <tr> <td>0</td> <td>No</td> </tr> <tr> <td>1</td> <td>Yes</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	0	No	1	Yes	-99	Don't know						
0	No													
1	Yes													
-99	Don't know													
sec_i	I. Perceptions related to COVID-19													
i_1 (required)	I.1 What level of threat do you think COVID-19 poses to you or your family?	<table border="1"> <tr> <td>1</td> <td>Very low</td> </tr> <tr> <td>2</td> <td>Low</td> </tr> <tr> <td>3</td> <td>Moderate</td> </tr> <tr> <td>4</td> <td>High</td> </tr> <tr> <td>5</td> <td>Very high</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	Very low	2	Low	3	Moderate	4	High	5	Very high	-99	Don't know
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2	Low													
3	Moderate													
4	High													
5	Very high													
-99	Don't know													
i_2 (required)	I.2 In general, to what extent are people in your village following government guidelines about physical distancing and lockdown?	<table border="1"> <tr> <td>1</td> <td>Highly compliant</td> </tr> <tr> <td>2</td> <td>Somewhat compliant</td> </tr> <tr> <td>3</td> <td>Moderately compliant</td> </tr> <tr> <td>4</td> <td>Somewhat Not compliant</td> </tr> <tr> <td>5</td> <td>Very not compliant</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	Highly compliant	2	Somewhat compliant	3	Moderately compliant	4	Somewhat Not compliant	5	Very not compliant	-99	Don't know
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5	Very not compliant													
-99	Don't know													
i_3 (required)	I.3 Do you agree or disagree with the following statement: Cooking with firewood increases risk of COVID-related serious illness or death?	<table border="1"> <tr> <td>1</td> <td>Strongly disagree</td> </tr> <tr> <td>2</td> <td>Disagree</td> </tr> <tr> <td>3</td> <td>Neutral/ Neither agree nor disagree</td> </tr> <tr> <td>4</td> <td>Agree</td> </tr> <tr> <td>5</td> <td>Strongly agree</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	Strongly disagree	2	Disagree	3	Neutral/ Neither agree nor disagree	4	Agree	5	Strongly agree	-99	Don't know
1	Strongly disagree													
2	Disagree													
3	Neutral/ Neither agree nor disagree													
4	Agree													
5	Strongly agree													
-99	Don't know													
i_4_1 (required)	I.4.1 If medical research finds that LPG use reduces risk of COVID related serious illness, what would best describe your situation regarding LPG use and other fuels as applicable in the future for household needs? <i>Question relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>	<table border="1"> <tr> <td>1</td> <td>It does not affect my LPG use plans</td> </tr> <tr> <td>2</td> <td>I would like to use more LPG compared to now, but it would not be possible practically</td> </tr> <tr> <td>3</td> <td>I will use LPG as primary cooking fuel</td> </tr> <tr> <td>4</td> <td>I will use LPG as exclusive cooking fuel</td> </tr> <tr> <td>-99</td> <td>Don't know</td> </tr> </table>	1	It does not affect my LPG use plans	2	I would like to use more LPG compared to now, but it would not be possible practically	3	I will use LPG as primary cooking fuel	4	I will use LPG as exclusive cooking fuel	-99	Don't know		
1	It does not affect my LPG use plans													
2	I would like to use more LPG compared to now, but it would not be possible practically													
3	I will use LPG as primary cooking fuel													
4	I will use LPG as exclusive cooking fuel													
-99	Don't know													

Field	Question	Answer	
i_4_2 (required)	I.4.2 Suppose that medical experts find that using LPG more, and the Chula less, reduces risk of getting very sick from COVID. What would best describe your future plans for acquiring and then using LPG?	1	I am not planning to get LPG, even if LPG use reduces risk of getting very sick from COVID.
		2	I am not planning to get LPG, but if LPG use reduces risk of getting very sick from COVID maybe I will get LPG.
		3	I am planning to get LPG, and if LPG use reduces risk of getting very sick from COVID, it would not change my plans about how to use LPG when I get it.
		4	I am planning to get LPG, and if LPG use reduces risk of getting very sick from COVID, it will lead me to use LPG more than I previously planned, and I would plan to use LPG as my main cooking fuel.
		5	I am planning to get LPG, and if LPG use reduces risk of getting very sick from COVID, it would lead me to use LPG more than I previously planned, I would plan to use LPG as my exclusive cooking fuel.
		-99	Don't know
generated_note_name_225	[END SURVEY]		

Jharkhand Energy Access Lockdown sixth round V1

Field	Question	Answer
hh_id (required)	घर की आईडी	
wrong_cal_error (required)	- Question relevant when: $\{wrong_cal\} \neq 1$	
wrong_cal_show	ID Match - [wrong_cal]	
District_cal_show	District - [District_cal]	
District_code_cal_show	District Code - [District_code_cal]	
Tehsil_name_cal_show	Tehsil Name - [Tehsil_name_cal]	
Tehsil_code_cal_show	Tehsil Code - [Tehsil_code_cal]	
Block_name_cal_show	Block Name - [Block_name_cal]	
Block_code_cal_show	Block Code - [Block_code_cal]	
GP_name_cal_show	GP Name - [GP_name_cal]	
GP_code_cal_show	GP Code - [GP_code_cal]	
Village_name_cal_show	Village Name - [Village_name_cal]	
respo_name_show	Respondent Name - [respo_name]	
q_11_show	Mobile - [q_11]	
intro	झारखंड एनर्जी एक्सेस सर्वे: COVID- संबंधित पुनः सर्वे	
intro_1	घर के मुखिया को परिचय: नमस्कार!, मेरा नाम _____ है। मैं लखनऊ स्थित, एक संगठन मोसेल जो भारत में सर्वेक्षण करता है, के साथ काम करता हूँ। लगभग एक महीने पहले, मई 2021 में, आपके घर ने मोसेल रिसर्च एंड डेवलपमेंट द्वारा संचालित एक लघु सर्वेक्षण में भाग लिया था। मैं फॉलो-अप सर्वे करने के लिए फिर से कॉल कर रहा हूँ। इसमें लगभग 15 मिनट लगेंगे। इस सर्वेक्षण या प्रश्नावली को पूरा करके, आप इस शोध अध्ययन में शामिल होने के लिए सहमति दे रहे हैं। आपकी भागीदारी स्वैच्छिक है और आप किसी भी समय रोक सकते हैं।	
name_ask (required)	आपका नाम क्या है ?	
participate (required)	क्या आप भागीदारी करना चाहेंगे?	1 हाँ 0 नहीं
age (required)	आपकी उम्र क्या है? _____ [साल] Question relevant when: $selected(\{participate\}, '1')$ Response constrained to: ≥ 18	
is_there (required)	सर्वेयर: "क्या इस घर में 18 साल या इससे अधिक उम्र का कोई और है जिसके साथ मैं बात कर सकता हूँ?" Question relevant when: $selected(\{participate\}, '0')$	1 हाँ 0 नहीं
age_1 (required)	आपकी उम्र क्या है? _____ [साल] Question relevant when: $selected(\{is_there\}, '1')$	
later_call (required)	क्या कोई और समय है जिसमें मैं आज या कल बाद में बात कर सकता हूँ जब कोई उपयुक्त व्यक्ति बात करने के लिए उपलब्ध होगा? Question relevant when: $selected(\{is_there\}, '0')$	1 हाँ 0 नहीं
फॉलो-अप और कॉल बैक करने का समय निर्धारित करें। Group relevant when: $selected(\{later_call\}, '1')$		
date (required)	दिनांक	
time (required)	समय	
q_1 (required)	क्या घर के सदस्य साक्षात्कार के लिए सहमत हुए? Question relevant when: $selected(\{participate\}, '0')$ and $selected(\{is_there\}, '1')$	1 हाँ 0 नहीं
q_1_reason (required)	यदि नहीं, तो कारण दर्ज करें: Question relevant when: $selected(\{q_1\}, '0')$	
metadata	A. Metadata	
enu_name (required)	साक्षात्कारकर्ता का नाम	Nikita Nikita Komal Komal Sarita Sarita Priyanka Priyanka Neha Neha Vinay Vinay Lalita Lalita Baal Baal Other Other specify
enu_name_other (required)	साक्षात्कारकर्ता का नाम लिखें Question relevant when: $selected(\{enu_name\}, 'Other')$	
sup_name (required)	सुपरवाइजर का नाम	Harion Harion Tripathi
date_int (required)	साक्षात्कार की तारीख	
Group relevant when: $selected(\{q_1\}, '1')$ or $selected(\{participate\}, '1')$		

Field	Question	Answer																				
note_b	B. Household Head and Roster																					
name_ask_final (required)	आपका (उत्तरदाता) का नाम क्या है ?																					
q_b_1 (required)	B.1 घर के मुखिया से आपका क्या रिश्ता है?	<table border="1"> <tr><td>1</td><td>स्वयं</td></tr> <tr><td>2</td><td>पति-पत्नी</td></tr> <tr><td>3</td><td>माता/ सास</td></tr> <tr><td>4</td><td>पिता/ससुर</td></tr> <tr><td>5</td><td>बेटा/बेटी</td></tr> <tr><td>6</td><td>दामाद /बहू</td></tr> <tr><td>7</td><td>पोता/पोती</td></tr> <tr><td>8</td><td>दादा - दादी</td></tr> <tr><td>9</td><td>भाई/बहन</td></tr> <tr><td>10</td><td>अन्य (उल्लेख कीजिये)</td></tr> </table>	1	स्वयं	2	पति-पत्नी	3	माता/ सास	4	पिता/ससुर	5	बेटा/बेटी	6	दामाद /बहू	7	पोता/पोती	8	दादा - दादी	9	भाई/बहन	10	अन्य (उल्लेख कीजिये)
1	स्वयं																					
2	पति-पत्नी																					
3	माता/ सास																					
4	पिता/ससुर																					
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7	पोता/पोती																					
8	दादा - दादी																					
9	भाई/बहन																					
10	अन्य (उल्लेख कीजिये)																					
q_b_1_other (required)	अन्य (उल्लेख कीजिये) Question relevant when: selected(\${q_b_1}, '10')																					
q_b_2 (required)	B.2 क्या आप घर के लिए खाना पकाने वाले मुख्य व्यक्ति हैं?	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
q_b_3 (required)	B.3. आपका लिंग क्या है?	<table border="1"> <tr><td>0</td><td>महिला</td></tr> <tr><td>1</td><td>पुरुष</td></tr> </table>	0	महिला	1	पुरुष																
0	महिला																					
1	पुरुष																					
note_c	C. घरेलू और आर्थिक परिवर्तन																					
. > C.1. पिछले 7 दिनों में, क्या आपके परिवार को कोरोना के कारण ऐसी किसी आर्थिक कठिनाई का सामना करना पड़ा है? [सभी प्रश्न पूछिये]																						
c_1_1 (required)	1. परिवार के लिए खाने-पीने की चीजों का इंतजाम करना कठिन हुआ	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_1_2 (required)	2. आवश्यक वस्तुओं के लिए बढ़ी हुई कीमतें	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_1_3 (required)	3. किसी भी तरह के काम काज से होने वाली आय में कमी	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_1_4 (required)	4. ऐसा रोजगार जिसमें वेतन मिलता हो, उसका नुकसान	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_1_5 (required)	5. घंटे के हिसाब से मिलने वाले रोजगार का नुकसान, या रोज के हिसाब से मिलने वाले रोजगार का नुकसान	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_1_6 (required)	6. कम हो चुके रोजगार के घंटे, या कम हो चुके रोजगार के दिन	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_1_7 (required)	7. किसी भी दूसरे स्रोतों से नकदी का आना कम होना, जैसे कि परिवार के सदस्य से जो घर के बाहर हैं या सरकारी नकद हस्तांतरण कार्यक्रम से	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_1_8 (required)	8. रोजगार पाने में असमर्थ होना , जैसे अलग-अलग मौसम में मिलने वाले रोजगार के लिए शहर जाने में असमर्थ	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																
1	हां																					
0	नहीं																					
c_2 (required)	C.2. कोरोना आने के बाद से क्या आपके घर में जितने लोग पहले रहते-सोते थे, उतने ही रहते-सोते रहे या उनकी संख्या में कोई बदलाव हुआ है?	<table border="1"> <tr><td>1</td><td>अब ज्यादा लोग हैं</td></tr> <tr><td>2</td><td>अभी उतने ही लोग जितने पहले थे</td></tr> <tr><td>3</td><td>अब कम लोग हैं</td></tr> </table>	1	अब ज्यादा लोग हैं	2	अभी उतने ही लोग जितने पहले थे	3	अब कम लोग हैं														
1	अब ज्यादा लोग हैं																					
2	अभी उतने ही लोग जितने पहले थे																					
3	अब कम लोग हैं																					
c_2_1 (required)	ये बताइए कि अब आपके साथ ज्यादा लोग क्यों रहते हैं [लागू होने वाले सभी का चयन करें]: Question relevant when: selected(\${c_2}, '1')	<table border="1"> <tr><td>1</td><td>कोरोनावायरस के प्रकोप के कारण कहीं और काम करने वाला कोई व्यक्ति घर लौट आया</td></tr> <tr><td>2</td><td>कहीं और काम करने वाला कोई व्यक्ति घर वापस लौट आया है , जैसा कि पहले से ही उसका वापिस आना तय था</td></tr> <tr><td>3</td><td>कोरोनावायरस के प्रकोप के कारण कहीं और पढ़ाई करने वाला कोई व्यक्ति घर लौट आया</td></tr> <tr><td>4</td><td>कहीं और पढ़ाई करने वाला कोई व्यक्ति घर वापस लौट आया है , जैसा कि पहले से ही उसका वापिस आना तय था</td></tr> <tr><td>5</td><td>अन्य उल्लेख करें</td></tr> </table>	1	कोरोनावायरस के प्रकोप के कारण कहीं और काम करने वाला कोई व्यक्ति घर लौट आया	2	कहीं और काम करने वाला कोई व्यक्ति घर वापस लौट आया है , जैसा कि पहले से ही उसका वापिस आना तय था	3	कोरोनावायरस के प्रकोप के कारण कहीं और पढ़ाई करने वाला कोई व्यक्ति घर लौट आया	4	कहीं और पढ़ाई करने वाला कोई व्यक्ति घर वापस लौट आया है , जैसा कि पहले से ही उसका वापिस आना तय था	5	अन्य उल्लेख करें										
1	कोरोनावायरस के प्रकोप के कारण कहीं और काम करने वाला कोई व्यक्ति घर लौट आया																					
2	कहीं और काम करने वाला कोई व्यक्ति घर वापस लौट आया है , जैसा कि पहले से ही उसका वापिस आना तय था																					
3	कोरोनावायरस के प्रकोप के कारण कहीं और पढ़ाई करने वाला कोई व्यक्ति घर लौट आया																					
4	कहीं और पढ़ाई करने वाला कोई व्यक्ति घर वापस लौट आया है , जैसा कि पहले से ही उसका वापिस आना तय था																					
5	अन्य उल्लेख करें																					
c_2_1_other (required)	अन्य (उल्लेख कीजिये) Question relevant when: selected(\${c_2_1}, '5')																					

Field	Question	Answer
c_2_2 (required)	ये बताइए कि अब आपके साथ घर में कम लोग क्यों रहते हैं [लागू होने वाले सभी का चयन करें]: <i>Question relevant when: selected(\${c_2} , '3')</i>	<ol style="list-style-type: none"> 1 कोरोनावायरस महामारी के कारण, कोई व्यक्ति जो घर पर रह रहा था, कहीं और काम करने के लिए उसने घर छोड़ दिया 2 कोई व्यक्ति जो घर पर रह रहा था, कहीं और काम करने के लिए उसने घर छोड़ दिया, जैसा कि पहले से ही उसका जाना तय था 3 कोरोनावायरस महामारी के कारण, कोई व्यक्ति जो घर पर रह रहा था, कहीं और पढाई करने के लिए उसने घर छोड़ दिया 4 कोई व्यक्ति जो घर पर रह रहा था, कहीं और पढाई करने के लिए उसने घर छोड़ दिया, जैसा कि पहले से ही उसका जाना तय था 5 अन्य उल्लेख करें
c_2_2_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${c_2_2} , '5')</i>	
c_3 (required)	C.3. कितने सप्ताह पहले कोरोना के कारण प्रशासन ने आपके ब्लॉक में घर से बाहर निकलने और घूमने पर प्रतिबंध लगाया था? _____ [सप्ताह]	
c_4 (required)	C.4. क्या तब से आपके क्षेत्र में घर से बाहर निकलने को प्रतिबंधित करने वाले आदेशों में बदलाव हुआ है?	<ol style="list-style-type: none"> 0 हां, ज्यादा पाबंदियां, समय या बाहर काम-काज करने पर ज्यादा पाबंदियाँ 1 नहीं 2 हाँ, कम पाबन्दी 3 हाँ, सभी प्रतिबंध हटा दिए गए -99 नहीं जानते
d_note	D. घर में उर्जा के उपयोग के पैटर्न	
d_0_1 (required)	D.0.1 पिछले चार दिनों में आपने अपने घर में रोशनी मुख्य रूप से किससे की?	<ol style="list-style-type: none"> 1 सरकारी बिजली 2 मिट्टी तेल लैंप/लावटेन 3 माइक्रो-ग्रिड (सोलर/ डीजल/ हाइड्रो) 4 सोलर होम सिस्टम या सोलर लावटेन 5 अन्य (उल्लेख कीजिये)
d_0_1_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${d_0_1} , '5')</i>	
d_0 (required)	D.0 पिछले चार दिनों में, क्या आप मुझे उन सभी प्रकार के ईंधनों या ऊर्जा स्रोतों के बारे में बता सकते हैं जिनका उपयोग घर में रोशनी के लिए किया गया है? [एक से अधिक उत्तर संभव]	<ol style="list-style-type: none"> 1 सरकारी बिजली 2 मिट्टी तेल लैंप/लावटेन 3 माइक्रो-ग्रिड (सोलर/ डीजल/ हाइड्रो) 4 सोलर होम सिस्टम या सोलर लावटेन 5 अन्य (उल्लेख कीजिये)
d_0_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${d_0} , '5')</i>	
d_0_2 (required)	D.0.2 क्या आपके घर में रोशनी के लिए मिट्टीतेल लैंप है? <i>Question relevant when: not(selected(\${d_0} , '2'))</i>	<ol style="list-style-type: none"> 1 हां 0 नहीं
d_0_2_1 (required)	D.0.2.1 आपने पिछले चार दिनों में रोशनी के लिए मिट्टीतेल लैंप का उपयोग क्यों नहीं किया है? [उत्तरदाता को खुद बोलने दें] [एक से अधिक उत्तर संभव] <i>Question relevant when: selected(\${d_0_2} , '1')</i>	<ol style="list-style-type: none"> 1 घर में मिट्टी का तेल नहीं है 2 घर में मिट्टी के तेल की कमी है, उसे बचा रहे हैं 3 राशन की दुकान या दुकान से मिट्टी का तेल खरीद नहीं सकते 4 मिट्टी का तेल रोशनी का अच्छा स्रोत नहीं है 5 मिट्टी का तेल सुरक्षित नहीं है 6 कोई जरूरत नहीं है क्योंकि हमारे पास रोशनी की बेहतर व्यवस्था है 7 मिट्टीतेल के लैंप टूट गए हैं 8 अन्य (उल्लेख कीजिये)
d_0_2_1_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${d_0_2_1} , '8')</i>	
ker_lamp	प्रकाश के लिए पिछले चार दिनों में मिट्टी के तेल का उपयोग किया गया है <i>Question relevant when: selected(\${d_0} , '2')</i>	

Field	Question	Answer																								
d_0_3_1 (required)	D.0.3.1 लॉकडाउन से पहले के बारे में सोचते हुए बताइए, कि क्या अब आप रोशनी के लिए मिट्टीतेल का उपयोग पहले की तुलना में ज्यादा कर रहे हैं, पहले जितना ही, या कम कर रहे हैं? [सर्वेक्षक ध्यान दें: जब तक स्पष्टीकरण की आवश्यकता न हो, विकल्प न पढ़ें] Question relevant when: (selected(\$[c_4] , '0') or selected(\$[c_4] , '1') or selected(\$[c_4] , '2') or selected(\$[c_4] , '-99')) and selected(\$[d_0] , '2')	<table border="1"> <tr><td>1</td><td>लॉकडाउन से पहले की तुलना में अब ज्यादा अधिक घंटे</td></tr> <tr><td>2</td><td>लॉकडाउन से पहले जैसे उतने ही घंटे</td></tr> <tr><td>3</td><td>लॉकडाउन से पहले की तुलना में अब कम घंटे</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	1	लॉकडाउन से पहले की तुलना में अब ज्यादा अधिक घंटे	2	लॉकडाउन से पहले जैसे उतने ही घंटे	3	लॉकडाउन से पहले की तुलना में अब कम घंटे	-99	नहीं जानते																
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-99	नहीं जानते																									
d_0_3_2 (required)	D.0.3.2 क्या लॉकडाउन के दौरान, आप रोशनी के लिए मिट्टी तेल का उपयोग, लॉकडाउन से पहले की तुलना में ज्यादा घंटे कर रहे हैं, उतने ही घंटे जितने पहले, या कम घंटे कर रहे हैं? [सर्वेक्षक ध्यान दें: जब तक स्पष्टीकरण की आवश्यकता न हो, विकल्प न पढ़ें] Question relevant when: selected(\$[c_4] , '3') and selected(\$[d_0] , '2')	<table border="1"> <tr><td>1</td><td>लॉकडाउन से पहले की तुलना में अब ज्यादा अधिक घंटे</td></tr> <tr><td>2</td><td>लॉकडाउन से पहले जैसे उतने ही घंटे</td></tr> <tr><td>3</td><td>लॉकडाउन से पहले की तुलना में अब कम घंटे</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	1	लॉकडाउन से पहले की तुलना में अब ज्यादा अधिक घंटे	2	लॉकडाउन से पहले जैसे उतने ही घंटे	3	लॉकडाउन से पहले की तुलना में अब कम घंटे	-99	नहीं जानते																
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d_0_3_4 (required)	D.0.4 पिछले चार दिनों में, एक आम(सामान्य) दिन में, आपके घर में रोशनी के लिए कम से कम एक मिट्टीतेल लैंप कितने घंटे जला था? [घंटों की संख्या दर्ज कीजिये जिस दौरान कम से कम एक लैंप जला है] _____ [घंटे / दिन] Question relevant when: selected(\$[d_0] , '2') Response constrained to: . <= 24																									
d_2 (required)	D.2 पिछले चार दिनों में, आपने मुख्य रूप से किस ईंधन पर खाना पकाया?	<table border="1"> <tr><td>1</td><td>जलाऊ लकड़ी और टुकड़े</td></tr> <tr><td>2</td><td>कृषि या फसल अवशेष</td></tr> <tr><td>3</td><td>पशु अपशिष्ट / गोबर कड़े</td></tr> <tr><td>4</td><td>चारकोल</td></tr> <tr><td>5</td><td>कोयला</td></tr> <tr><td>6</td><td>मिट्टीतेल / पैराफीन</td></tr> <tr><td>7</td><td>शराब / इथेनॉल</td></tr> <tr><td>8</td><td>पेट्रोल / डीजल (जनरेटर में नहीं)</td></tr> <tr><td>9</td><td>घरेलू गैस (एलपीजी)</td></tr> <tr><td>10</td><td>बायो-गैस</td></tr> <tr><td>11</td><td>विजली</td></tr> <tr><td>12</td><td>अन्य (उल्लेख कीजिये)</td></tr> </table>	1	जलाऊ लकड़ी और टुकड़े	2	कृषि या फसल अवशेष	3	पशु अपशिष्ट / गोबर कड़े	4	चारकोल	5	कोयला	6	मिट्टीतेल / पैराफीन	7	शराब / इथेनॉल	8	पेट्रोल / डीजल (जनरेटर में नहीं)	9	घरेलू गैस (एलपीजी)	10	बायो-गैस	11	विजली	12	अन्य (उल्लेख कीजिये)
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d_2_other (required)	अन्य (उल्लेख कीजिये) Question relevant when: selected(\$[d_2] , '12')																									
d_1 (required)	D.1 पिछले चार दिनों में, क्या आप मुझे बता सकते हैं कि घर में खाना पकाने, चाय / कॉफी बनाने और पीने के पानी को उबालने के लिए कौन-कौन से ईंधन या ऊर्जा स्रोतों का उपयोग किया है? [लागू होने वाले सभी का चयन कीजिये]	<table border="1"> <tr><td>1</td><td>जलाऊ लकड़ी और टुकड़े</td></tr> <tr><td>2</td><td>कृषि या फसल अवशेष</td></tr> <tr><td>3</td><td>पशु अपशिष्ट / गोबर कड़े</td></tr> <tr><td>4</td><td>चारकोल</td></tr> <tr><td>5</td><td>कोयला</td></tr> <tr><td>6</td><td>मिट्टीतेल / पैराफीन</td></tr> <tr><td>7</td><td>शराब / इथेनॉल</td></tr> <tr><td>8</td><td>पेट्रोल / डीजल (जनरेटर में नहीं)</td></tr> <tr><td>9</td><td>घरेलू गैस (एलपीजी)</td></tr> <tr><td>10</td><td>बायो-गैस</td></tr> <tr><td>11</td><td>विजली</td></tr> <tr><td>12</td><td>अन्य (उल्लेख कीजिये)</td></tr> </table>	1	जलाऊ लकड़ी और टुकड़े	2	कृषि या फसल अवशेष	3	पशु अपशिष्ट / गोबर कड़े	4	चारकोल	5	कोयला	6	मिट्टीतेल / पैराफीन	7	शराब / इथेनॉल	8	पेट्रोल / डीजल (जनरेटर में नहीं)	9	घरेलू गैस (एलपीजी)	10	बायो-गैस	11	विजली	12	अन्य (उल्लेख कीजिये)
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d_1_other (required)	अन्य (उल्लेख कीजिये) Question relevant when: selected(\$[d_1] , '12')																									
d_3 (required)	D.3 क्या आपके घर में एलपीजी कनेक्शन है?	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं																				
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Field	Question	Answer
d_3_1 (required)	D.3.1 आपने पिछले चार दिनों में एलपीजी स्टोव (एलपीजी चूल्हा) का उपयोग क्यों नहीं किया है? [एक से अधिक उत्तर संभव] [उत्तरदाता को खुद बोलने दें] <i>Question relevant when: selected(\${d_3} , '1') and not(selected(\${d_1} , '9')) and not(selected(\${d_2} , '9'))</i>	<p>1 घर में एलपीजी ईंधन नहीं है</p> <p>2 घर में एलपीजी ईंधन की कमी है और इसे बचा रहे हैं</p> <p>3 घरों में उन सामान्य व्यंजनों को नहीं पकाया गया है जिनके लिए एलपीजी स्टोव का उपयोग किया जाता है</p> <p>4 घर में बहुत सारे अन्य ईंधन हैं जिनका उपयोग घरेलू गैस की जगह कर रहे हैं</p> <p>5 हम इन दिनों एलपीजी स्टोव का उपयोग करना पसंद नहीं करते हैं</p> <p>6 एलपीजी स्टोव का उपयोग करने से डर लगता है</p> <p>7 जो व्यक्ति आमतौर पर एलपीजी का उपयोग करता है वह खाना नहीं पका रहा है</p> <p>8 एलपीजी स्टोव टूट गया है और इसका इस्तेमाल नहीं किया जा सकता है</p> <p>9 अन्य (उल्लेख कीजिये)</p>
d_3_1_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${d_3_1} , '9')</i>	
d_4 (required)	D.4 क्या आपको प्रधान मंत्री उज्ज्वला योजना (PMUY) के तहत एलपीजी कनेक्शन मिला है? <i>Question relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>	<p>0 नहीं</p> <p>1 हाँ</p> <p>-99 नहीं जानते / इस स्कीम के बारे में कभी नहीं सुना</p>
d_5 (required)	D.5 क्या आपके घर में एक से अधिक एलपीजी सिलेंडर हैं? <i>Question relevant when: selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')</i>	<p>1 हाँ</p> <p>0 नहीं</p>
d_5_1 (required)	D.5.1 वर्तमान में आपके पास मौजूद एलपीजी सिलेंडर किस आकार के हैं? <i>Question relevant when: selected(\${d_5} , '1')</i>	<p>1 दोनों 14 किग्रा</p> <p>2 दोनों 05 किग्रा</p> <p>3 एक 14 किग्रा और एक 5 किग्रा</p> <p>4 अन्य (उल्लेख कीजिये)</p>
d_5_1_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${d_5_1} , '4')</i>	
d_5_2 (required)	D.5.2 वर्तमान में आपके पास कितने किलोग्राम का एलपीजी सिलेंडर है? <i>Question relevant when: selected(\${d_5} , '0')</i>	<p>1 14 किग्रा</p> <p>2 05 किग्रा</p> <p>3 अन्य (उल्लेख कीजिये)</p>
d_5_2_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${d_5_2} , '3')</i>	
d_5_3 (required)	D.5.3 आपने अपने एलपीजी एंजेंसी से सिंगल सिलेंडर एलपीजी कनेक्शन और डबल सिलेंडर एलपीजी कनेक्शन में से कौन सा कनेक्शन लिया है? <i>Question relevant when: selected(\${d_5} , '1')</i>	<p>1 सिंगल सिलेंडर एलपीजी कनेक्शन</p> <p>2 डबल सिलेंडर एलपीजी कनेक्शन</p>
d_5_4 (required)	D.5.4 यदि सिंगल सिलेंडर एलपीजी कनेक्शन, तो आपने दूसरा एलपीजी सिलेंडर किससे लिया था? <i>Question relevant when: selected(\${d_5_3} , '1') and selected(\${d_5} , '1')</i>	<p>1 एलपीजी एंजेंसी के माध्यम से खरीदा गया</p> <p>2 खरीदा है, लेकिन एलपीजी एंजेंसी के माध्यम से नहीं</p> <p>3 पड़ोसी से</p> <p>4 रिश्तेदार से</p> <p>5 अन्य उल्लेख करें</p>
d_5_4_other (required)	अन्य उल्लेख करें <i>Question relevant when: selected(\${d_5_4} , '5')</i>	
d_6 (required)	D.6 पिछले चार दिनों में, एक सामान्य दिन के दौरान, आपके घर में कितनी बार भोजन पकाया गया है? (साक्षात्कारकर्ता पर ध्यान दें: यह प्रश्न प्रति दिन पकाये जाने वाले भोजन की औसत संख्या का अनुमान लगाना चाहता है ना कि पिछले चार दिनों में भोजन की कुल संख्या का) _____ [# भोजन प्रति दिन] <i>Question relevant when: selected(\${d_3} , '1')</i>	
d_7 (required)	D.7 पिछले चार दिनों में, एक सामान्य दिन के दौरान, खाना पकाने में कितना समय लगता है? सभी भोजन मिलाकर - पूरे दिन में खाना पकाने या चूल्हे के जलने के घंटों की कुल संख्या _____ [#घंटे प्रति दिन] <i>Question relevant when: selected(\${d_3} , '1')</i> <i>Response constrained to: . <= 24</i>	

Field	Question	Answer
d_8_1 (required)	D.8.1 लॉकडाउन से पहले के बारे में सोचते हुए बताइए, कि क्या अब आपको खाना पकाने में पहले की तुलना में ज्यादा घंटे लग रहे हैं, उतने ही घंटे जितने पहले या कम घंटे लग रहे हैं? [सर्वेक्षक ध्यान दें: जब तक स्पष्टीकरण की आवश्यकता न हो, विकल्प न पढ़ें] Question relevant when: (selected(\$[c_4], '0') or selected(\$[c_4], '1') or selected(\$[c_4], '2') or selected(\$[c_4], '99')) and selected(\$[d_3], '1')	1 लॉकडाउन से पहले की तुलना में लॉकडाउन के दौरान ज्यादा घंटे 2 लॉकडाउन से पहले जितने घंटे, उतने ही घंटे लॉकडाउन के दौरान 3 लॉकडाउन से पहले की तुलना में लॉकडाउन के दौरान कम घंटे -99 नहीं जानते
d_8_2 (required)	D.8.2 लॉकडाउन के दौरान, लॉकडाउन से पहले की तुलना में, क्या आपने खाना पकाने में ज्यादा घंटे बिताये, उतने ही घंटे बिताये जितने पहले, या कुल मिलाकर कम घंटे बिताये? [जब तक स्पष्टीकरण की आवश्यकता न हो, विकल्प न पढ़ें] Question relevant when: selected(\$[c_4], '3') and selected(\$[d_3], '1')	1 लॉकडाउन से पहले की तुलना में लॉकडाउन के दौरान ज्यादा घंटे 2 लॉकडाउन से पहले जितने घंटे, उतने ही घंटे लॉकडाउन के दौरान 3 लॉकडाउन से पहले की तुलना में लॉकडाउन के दौरान कम घंटे -99 नहीं जानते
d_9 (required)	D.9 लॉकडाउन से पहले की तुलना में, अब आप किस तरह घरेलू गैस का इस्तेमाल करते हैं? जो भी बदलाव महसूस किया हो, उसे बताएं। [विकल्प पढ़ें] Question relevant when: selected(\$[d_3], '1') or selected(\$[d_1], '9') or selected(\$[d_2], '9')	1 हम पहले की तुलना में एलपीजी पर अधिक भोजन पका रहे हैं 2 हम पहले की तुलना में एलपीजी पर कम भोजन पका रहे हैं 3 हम एलपीजी पर पहले जितना ही भोजन पका रहे हैं -99 नहीं जानते
d_10 (required)	D.10 लॉकडाउन से पहले की तुलना में, अब आप पारंपरिक ईंधन जैसे कि जलाऊ लकड़ी, कोयला, गोबर, कृषि अवशेष और मिट्टी के तेल के उपयोग का वर्णन कैसे करेंगे यानी किस तरह इन ईंधनों का इस्तेमाल करते हैं, जो भी बदलाव महसूस किया हो उसे बताएं? [विकल्प पढ़ें] Question relevant when: selected(\$[d_1], '1') or selected(\$[d_1], '2') or selected(\$[d_1], '3') or selected(\$[d_1], '4') or selected(\$[d_1], '5') or selected(\$[d_1], '6') or selected(\$[d_2], '1') or selected(\$[d_2], '2') or selected(\$[d_2], '3') or selected(\$[d_2], '4') or selected(\$[d_2], '5') or selected(\$[d_2], '6')	1 हम पारंपरिक ईंधनों से खाना अधिक बना रहे हैं 2 हम पारंपरिक ईंधनों से खाना कम बना रहे हैं 3 हम पारंपरिक ईंधनों का उपयोग उतना ही कर रहे हैं जितना हमने पहले करते थे -99 नहीं जानते
e_gases_note	E. गैस का उपयोग Question relevant when: selected(\$[d_3], '1') or selected(\$[d_1], '9') or selected(\$[d_2], '9')	
.	.> . Group relevant when: selected(\$[d_3], '1') or selected(\$[d_1], '9') or selected(\$[d_2], '9')	
e_1_1 (required)	E.1.1 जब से लॉकडाउन शुरू हुआ, क्या आपने अपना एलपीजी सिलेंडर रिफिल कराया है? Question relevant when: selected(\$[c_4], '0') or selected(\$[c_4], '1') or selected(\$[c_4], '2') or selected(\$[c_4], '99')	0 नहीं 1 हाँ -99 नहीं जानते
e_1_2 (required)	E.1.2 क्या आपने लॉकडाउन के दौरान, एलपीजी सिलेंडर को रिफिल कराया? Question relevant when: selected(\$[c_4], '3')	0 नहीं 1 हाँ -99 नहीं जानते
e_2 (required)	E.2 आपने पिछली बार कितने सप्ताह पहले अपने बड़े एलपीजी सिलेंडर को रिफिल कराया था? _____ [# सप्ताह]	
e_3 (required)	E.3 आपने यह रिफिल कहाँ से करवाया था?	1 घर पर पहुंचाया गया 2 स्थानीय दुकान से लिया 3 एलपीजी वितरक से लिया 4 पड़ोसी से लिया 5 गाँव के पिक-अप पॉइंट पर प्राप्त किया गया 6 अन्य (उल्लेख कीजिये)
e_3_other (required)	अन्य (उल्लेख कीजिये) Question relevant when: selected(\$[e_3], '6')	

Field	Question	Answer
e_4 (required)	E.4 जब आपने इस बार रिफिल किया, तो क्या लॉकडाउन से पहले की तुलना में आपकी एलपीजी डिलीवरी में कोई अंतर था? [एक से अधिक उत्तर संभव] [उत्तरदाता को खुद बोलने दें] <i>Question relevant when: selected(\${e_1_1}, '1') or selected(\${e_1_2}, '1')</i>	<ol style="list-style-type: none"> कोई डिलीवरी नहीं, जैसे सामान्य तौर पर होती है आमतौर पर डिलीवरी नहीं होने की तुलना में डिलीवरी वितरक की दुकान पर सामान्य डिलीवरी की तुलना में लंबे समय तक इंतजार वितरक की दुकान पर सामान्य डिलीवरी की तुलना में कम समय तक इंतजार गांव का पिक-अप पॉइंट उस पॉइंट से काफी दूर था जहाँ सामान्यतौर पर डिलीवरी होती थी गांव का पिक-अप पॉइंट उस पॉइंट से पास में था जहाँ सामान्यतौर पर डिलीवरी होती थी कोई अंतर नहीं था अन्य (उल्लेख कीजिये)
e_4_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${e_4}, '8')</i>	
e_5 (required)	E.5 लॉकडाउन से पहले के बारे में सोचते हुए बताइए, कि क्या आपके बैंक खाते में सस्मिडी (सरकारी छूट) के रूप में आने में कम समय लगता है, ज्यादा समय लगता है, या पहले जितना ही समय लगता है? <i>Question relevant when: selected(\${e_1_1}, '1') or selected(\${e_1_2}, '1')</i>	<ol style="list-style-type: none"> लॉकडाउन से पहले की तुलना में अब अधिक समय लॉकडाउन से पहले जितना ही समय लॉकडाउन से पहले की तुलना में अब कम समय -99 नहीं जानते
e_6 (required)	E.6 आपने अपने पिछले एलपीजी सिलेंडर की रिफिल के समय कितना भुगतान किया था? _____ [रूपए] सर्वश्रेष्ठ ध्यान दें: यह राशि कुल मिलाकर, "सकल" राशि है जो बिना किसी सस्मिडी कटौती के भुगतान की गई है।]	
e_7 (required)	E.7 आपने लॉकडाउन के दौरान अपने एलपीजी सिलेंडर को रिफिल क्यों नहीं किया? [एक से अधिक उत्तर संभव] [उत्तरदाता को खुद बोलने दें] <i>Question relevant when: selected(\${e_1_1}, '0') or selected(\${e_1_2}, '0')</i>	<ol style="list-style-type: none"> गैस समाप्त नहीं हुई थी गैस कम मात्रा में इस्तेमाल कर रहे थे इसलिए गैस खत्म नहीं हुई पैसा नहीं था रिफिल कराने के लिए घर से नहीं निकलना चाहते थे सामान्य गैस डिलीवरी उपलब्ध नहीं थी रिफिल कराने के लिए घर से बाहर निकलने की अनुमति नहीं थी अन्य (उल्लेख कीजिये)
e_7_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${e_7}, '7')</i>	
e_8 (required)	E.8 कितने सप्ताह बाद आप अगले एलपीजी सिलेंडर को फिर से भराने की उम्मीद करते हैं? _____ [# सप्ताह]	
sec_f	F. ठोस ईंधन का उपयोग	
. > . <i>Group relevant when: selected(\${d_1}, '1') or selected(\${d_1}, '2') or selected(\${d_1}, '3') or selected(\${d_2}, '1') or selected(\${d_2}, '2') or selected(\${d_2}, '3')</i>		
f_1 (required)	F.1 लॉकडाउन से पहले की तुलना में, अब आपका परिवार जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष या गोबर के कंड़े ज्यादा बार इकट्ठा कर रहे हैं, पहले जितनी ही बार, या कम बार इकट्ठा कर रहे हैं? <i>Question relevant when: selected(\${c_4}, '0') or selected(\${c_4}, '1') or selected(\${c_4}, '2') or selected(\${c_4}, '99')</i>	<ol style="list-style-type: none"> पहले की तुलना में लॉकडाउन के दौरान ज्यादा बार जलाऊ लकड़ी इकट्ठा करने जाते हैं जितनी बार पहले जाते थे उतनी ही बार लॉकडाउन के दौरान जाते हैं पहले की तुलना में लॉकडाउन के दौरान कम बार जलाऊ लकड़ी इकट्ठा करने जाते हैं -99 नहीं जानते
f_2 (required)	F.2 लॉकडाउन से पहले की तुलना में, क्या आपके घर के सदस्य जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े एक बार में ज्यादा इकट्ठा कर रहे हैं, उतना ही या कम इकट्ठा कर रहे हैं? <i>Question relevant when: selected(\${c_4}, '0') or selected(\${c_4}, '1') or selected(\${c_4}, '2') or selected(\${c_4}, '99')</i>	<ol style="list-style-type: none"> पहले की तुलना में अब एक बार में ज्यादा जलाऊ लकड़ी इकट्ठा कर रहे हैं पहले की तुलना में एक बार में अब भी उतनी ही जलाऊ लकड़ी इकट्ठा कर रहे जितनी पहले पहले की तुलना में अब एक बार में कम जलाऊ लकड़ी इकट्ठा कर रहे हैं -99 नहीं जानते

Field	Question	Answer
f_3 (required)	F.3 लॉकडाउन से पहले की तुलना में, क्या आपके घर में अब सामान्य रूप से जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े अधिक इकट्ठा हैं, समान, या कम हैं? [सर्वश्रेष्ठ ध्यान दें: यह प्रश्न घर में एकत्रित ईंधन की मात्रा/वजन से सम्बंधित है। घरों में अक्सर कुछ मात्रा में ईंधन जमा होता है जिसे वे किसी भी समय खाना पकाने के लिए उपयोग कर सकते हैं। यहां, हम जानना चाहते हैं कि क्या उनके पास घर में पहले की तुलना में लगभग समान, अधिक या कम ईंधन जमा है।] Question relevant when: selected(\$(c_4) , '0') or selected(\$(c_4) , '1') or selected(\$(c_4) , '2') or selected(\$(c_4) , '99')	1 पहले की तुलना में अब घर में अधिक ईंधन है 2 अब भी घर में पहले जितना ही ईंधन 3 पहले की तुलना में अब घर में कम ईंधन है -99 नहीं जानते
f_4 (required)	F.4 लॉकडाउन से पहले की तुलना में, क्या अब घर के सदस्यों को जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े पाने में ज्यादा मुश्किल होती है, आसान हो गया है, या उतनी ही मुश्किल होती है? Question relevant when: selected(\$(c_4) , '0') or selected(\$(c_4) , '1') or selected(\$(c_4) , '2') or selected(\$(c_4) , '99')	1 पहले की तुलना में मुश्किल बड़ गई 2 प्राप्त करना उतना ही कठिन है 3 प्राप्त करना आसान हो गया है -99 नहीं जानते
f_5 (required)	F.5 लॉकडाउन से पहले की तुलना में, लॉकडाउन के दौरान, क्या आपके घर ने जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े को अधिक, समान, या कम बार एकत्रित किया था? Question relevant when: selected(\$(c_4) , '3')	1 पहले की तुलना में लॉकडाउन के दौरान ज्यादा बार जलाऊ लकड़ी इकट्ठा करने जाते हैं 2 जितनी बार पहले जाते थे उतनी ही बार लॉकडाउन के दौरान जाते हैं 3 पहले की तुलना में लॉकडाउन के दौरान कम बार जलाऊ लकड़ी इकट्ठा करने जाते हैं -99 नहीं जानते
f_6 (required)	F.6 लॉकडाउन से पहले की तुलना में, लॉकडाउन के दौरान, क्या आपके परिवार ने एक बार में ज्यादा जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े इकट्ठा किये थे, उतने ही, या कम इकट्ठा किये थे? Question relevant when: selected(\$(c_4) , '3')	1 पहले की तुलना में लॉकडाउन के दौरान एक सामान्य यात्रा में अधिक जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े एकत्र करते हैं 2 पहले की तुलना में लॉकडाउन के दौरान एक सामान्य यात्रा में उतनी ही जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े एकत्र करते हैं जितनी पहले करते थे 3 पहले की तुलना में लॉकडाउन के दौरान एक सामान्य यात्रा में कम जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े एकत्र करते हैं -99 नहीं जानते
f_7 (required)	F.7 लॉकडाउन से पहले की तुलना में, लॉकडाउन के दौरान, क्या आपके घर में सामान्य रूप से जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े ज्यादा इकट्ठा थे, उतने ही थे, या कम थे? Question relevant when: selected(\$(c_4) , '3')	1 लॉकडाउन के दौरान अधिक हैं 2 लॉकडाउन के दौरान पहले जितना ही हैं 3 लॉकडाउन के दौरान पहले से कम हैं -99 नहीं जानते
f_8 (required)	F.8 लॉकडाउन से पहले की तुलना में, लॉकडाउन के दौरान, क्या घर के सदस्यों को जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े पाने में अधिक मुश्किल हुई, आसान था, या उतनी ही मुश्किल हुई थी? Question relevant when: selected(\$(c_4) , '3')	1 पहले की तुलना में लॉकडाउन के दौरान मुश्किल बड़ गई 2 लॉकडाउन के दौरान प्राप्त करना उतना ही कठिन था जितना पहले 3 पहले की तुलना में लॉकडाउन के दौरान प्राप्त करना आसान हो गया है -99 नहीं जानते
f_9 (required)	F.9 पिछली बार घर के सदस्य ने कब जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े को एकत्रित किया था? _____ [दिन पहले]	
f_10 (required)	F.10 आप कब उम्मीद कर रहे हैं कि घर का कोई सदस्य अगली बार जलाऊ लकड़ी, टहनियाँ, कृषि अवशेष, या गोबर के कंड़े को इकट्ठा करने के लिए जाएगा? _____ [अब से कितने दिन बाद]	
- > . Group relevant when: selected(\$(d_1) , '4') or selected(\$(d_1) , '5')		
f_11 (required)	F.11 लॉकडाउन से पहले की तुलना में, क्या आपका घर पहले से अधिक, समान या कम बार कोयला इकट्ठा करने जा रहा है? Question relevant when: selected(\$(c_4) , '0') or selected(\$(c_4) , '1') or selected(\$(c_4) , '2') or selected(\$(c_4) , '99')	1 पहले की तुलना में अब कोयला एकत्रित करने के ज्यादा बार जा रहे हैं 2 जितनी बार पहले जाते थे उतनी ही बार अब जा रहे हैं 3 पहले की तुलना में अब कोयला इकट्ठा करने कम बार जा रहे हैं -99 नहीं जानते

Field	Question	Answer
f_12 (required)	F.12 लॉकडाउन से पहले की तुलना में, क्या आपका घर एक बार में पहले से अधिक, उतना ही या कम कोयला इकट्ठा कर रहा है? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '99')</i>	<p>1 पहले की तुलना में अब एक बार में सामान्य रूप से ज्यादा कोयला इकट्ठा कर रहे</p> <p>2 जितना पहले करते थे अब भी एक बार में उतना ही कोयला इकट्ठा कर रहे</p> <p>3 पहले की तुलना में अब एक बार में सामान्य रूप से कम कोयला इकट्ठा कर रहे</p> <p>-99 नहीं जानते</p>
f_13 (required)	F.13 आप लॉकडाउन के दौरान कोयला लेने कहाँ गए थे? <i>Question relevant when: selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '99')</i>	<p>0 मैंने लॉकडाउन के दौरान कोयला नहीं लिया है</p> <p>1 एक कोयला खदान</p> <p>2 सड़क के किनारे</p> <p>3 बाज़ार</p> <p>4 एक निजी विक्रेता</p> <p>5 अन्य (उल्लेख कीजिये)</p>
f_13_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${f_13} , '5')</i>	
f_13_1 (required)	F.13.1 आपने लॉकडाउन के दौरान कोयला क्यों नहीं लिया? [एक से अधिक उत्तर संभव] [उत्तरदाता को खुद बोलने दें] <i>Question relevant when: (selected(\${c_4} , '0') or selected(\${c_4} , '1') or selected(\${c_4} , '2') or selected(\${c_4} , '99')) and selected(\${f_13} , '0')</i>	<p>1 मेरे पास कोयला खत्म नहीं हुआ</p> <p>2 लॉकडाउन के दौरान मैंने खाना पकाने के लिए कोयला का इस्तेमाल नहीं किया</p> <p>3 घर में कोयले के लिए पैसा नहीं था</p> <p>4 कोयला लाने के लिए घर से बाहर नहीं जाना चाहते थे</p> <p>5 जहाँ से कोयला खरीदते थे वहाँ अब उपलब्ध नहीं है</p> <p>6 कोयला लाने के लिए घर से बाहर जाने के लिए अनुमति नहीं थी</p> <p>7 अन्य (उल्लेख कीजिये)</p>
f_13_1_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${f_13_1} , '7')</i>	
f_14 (required)	F.14 लॉकडाउन से पहले की तुलना में, लॉकडाउन के दौरान, क्या आपके घर ने कोयले को अधिक बार, उतनी ही बार जितना पहले, या कम बार एकत्रित किया है? <i>Question relevant when: selected(\${c_4} , '3')</i>	<p>1 पहले की तुलना में अधिक बार कोयला एकत्र करने गए</p> <p>2 लॉकडाउन के दौरान भी उतनी ही बार कोयला एकत्र करने गए, जितनी बार पहले जाते थे</p> <p>3 पहले की तुलना में लॉकडाउन के दौरान कम बार कोयला एकत्र करने गए</p> <p>-99 नहीं जानते</p>
f_15 (required)	F.15 लॉकडाउन से पहले की तुलना में, लॉकडाउन के दौरान, क्या आपके घर ने एक बार में ज्यादा कोयले इकट्ठा किया, उतना ही किया, या कम मात्रा में इकट्ठा किया? <i>Question relevant when: selected(\${c_4} , '3')</i>	<p>1 पहले की तुलना में, लॉकडाउन के दौरान एक बार में ज्यादा कोयला एकत्र किया</p> <p>2 लॉकडाउन के दौरान भी एक बार में उतना ही कोयला एकत्र किया, जितना पहले करते थे</p> <p>3 पहले की तुलना में, लॉकडाउन के दौरान एक बार में कम कोयला एकत्र किया</p> <p>-99 नहीं जानते</p>
f_16 (required)	F.16 लॉकडाउन के दौरान के बारे में सोचते हुए बताइए, आप कोयला लेने कहाँ गए थे? <i>Question relevant when: selected(\${c_4} , '3')</i>	<p>0 लॉकडाउन के दौरान मुझे कोयला नहीं मिला</p> <p>1 एक कोयला खदान</p> <p>2 सड़क के किनारे</p> <p>3 बाज़ार</p> <p>4 एक निजी विक्रेता</p> <p>5 अन्य (उल्लेख कीजिये)</p>
f_16_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${f_16} , '5')</i>	

Field	Question	Answer
sec_g	G. आज कल के दिनों में खाना पकाने के ईंधन से संबंधित धारणाएं <i>Question relevant when: selected(\${d_3}, '1') or selected(\${d_1}, '9') or selected(\${d_2}, '9')</i>	
.	.	
	<i>Group relevant when: selected(\${d_3}, '1') or selected(\${d_1}, '9') or selected(\${d_2}, '9')</i>	
g_1_1 (required)	G.1.1 जब से लॉकडाउन शुरू हुआ है, एलपीजी सिलेंडर रिफिल की कीमतों में पहले की तुलना में कितना बदलाव आया है? <i>Question relevant when: selected(\${c_4}, '0') or selected(\${c_4}, '1') or selected(\${c_4}, '2') or selected(\${c_4}, '99')</i>	<p>1 पहले की तुलना में लॉकडाउन के दौरान बहुत अधिक कीमत</p> <p>2 पहले की तुलना में लॉकडाउन के दौरान थोड़ी सी ज्यादा कीमत</p> <p>3 लॉकडाउन के दौरान पहले जितनी ही कीमत</p> <p>4 पहले की तुलना में लॉकडाउन के दौरान थोड़ी सस्ती</p> <p>5 पहले की तुलना में लॉकडाउन के दौरान बहुत सस्ती</p> <p>-99 नहीं जानते</p>
g_1_2 (required)	G.1.2 लॉकडाउन के दौरान, लॉकडाउन से पहले की तुलना में एलपीजी सिलेंडर रिफिल की कीमतों में कितना बदलाव आया है? <i>Question relevant when: selected(\${c_4}, '3')</i>	<p>1 पहले की तुलना में लॉकडाउन के दौरान बहुत अधिक कीमत</p> <p>2 पहले की तुलना में लॉकडाउन के दौरान थोड़ी सी ज्यादा कीमत</p> <p>3 लॉकडाउन के दौरान पहले जितनी ही कीमत</p> <p>4 पहले की तुलना में लॉकडाउन के दौरान थोड़ी सस्ती</p> <p>5 पहले की तुलना में लॉकडाउन के दौरान बहुत सस्ती</p> <p>-99 नहीं जानते</p>
g_2 (required)	G.2 जब से लॉकडाउन शुरू हुआ है, क्या अब एलपीजी सिलेंडर रिफिल प्राप्त करना पहले से आसान है या अधिक कठिन या पहले जितना ही कठिन है?	<p>1 पहले की तुलना में मुश्किल बड़ गई है</p> <p>2 प्राप्त करना पहले जितना कठिन है</p> <p>3 प्राप्त करना आसान है</p> <p>-99 नहीं जानते</p>
g_3 (required)	G.3 आप निम्नलिखित कथन से सहमत या असहमत हैं: जब से लॉकडाउन शुरू हुआ है, हम पहले की तुलना में गैस पर खाना पकाना अधिक पसंद करते हैं।	<p>1 हम पहले की तुलना में अब गैस का उपयोग करना अधिक पसंद करते हैं</p> <p>2 पहले जितना ही</p> <p>3 हम पहले की तुलना में अब गैस का अधिक उपयोग करना पसंद नहीं करते हैं</p> <p>-99 नहीं जानते</p>
g_3_1 (required)	G.3.1 आप पहले की तुलना में अब गैस का अधिक उपयोग करना क्यों पसंद करते हैं? [एक से अधिक उत्तर संभव] [उत्तरदाता को खुद बोलने दें] <i>Question relevant when: selected(\${g_3}, '1')</i>	<p>1 हम लॉकडाउन के दौरान एलपीजी गैस पर अधिक तेजी से खाना पकाने को महत्व देते हैं</p> <p>2 एलपीजी गैस अब सस्ती है</p> <p>3 एलपीजी अब अधिक सुलभ है</p> <p>4 तीन मुफ्त सिलेंडर की नीति</p> <p>5 घर में अब वायोमास कम है</p> <p>6 घर में अब वायोमास को आसानी से नहीं मिलती है</p> <p>7 घर के सदस्य एलपीजी गैस पे पकाए गए भोजन के स्वाद के पक्ष में हैं</p> <p>8 घर के सदस्य जलाऊ लकड़ी, टहनियाँ, या कृपि अवशेष पे पकाए गए खाने के स्वाद में बदलाव चाहते हैं</p> <p>9 सदस्य एलपीजी गैस पर खाना पकाने के अनुभव के पक्ष में हैं</p> <p>10 घर के सदस्य जलाऊ लकड़ी, टहनियाँ, या कृपि अवशेष पे पकाए गए खाने के अनुभव में बदलाव चाहते हैं</p> <p>11 अन्य (कृपया उल्लेख कीजिये)</p>
g_3_1_other (required)	अन्य (कृपया उल्लेख कीजिये) <i>Question relevant when: selected(\${g_3_1}, '11')</i>	

Field	Question	Answer																
g_3_2 (required)	G.3.2 आप पहले की तुलना में अब गैस का कम उपयोग करना क्यों पसंद करते हैं? [एक से अधिक उत्तर संभव] [उत्तरदाता को खुद बोलने दें] Question relevant when: selected(\${g_3} , '3')	<table border="1"> <tr><td>1</td><td>एलपीजी गैस अब बहुत महंगी है</td></tr> <tr><td>2</td><td>एलपीजी गैस को अब प्राप्त करना कठिन है</td></tr> <tr><td>3</td><td>घर में वायोमास अधिक है</td></tr> <tr><td>4</td><td>घर के सदस्य जलाऊ लकड़ी, टहनियाँ, या कृपि अवशेष पे पकाए गए खाने के स्वाद के पक्ष में हैं</td></tr> <tr><td>5</td><td>एलपीजी गैस पे पकाए गए खाने के स्वाद के पक्ष में नहीं हैं</td></tr> <tr><td>6</td><td>घर के सदस्य जलाऊ लकड़ी, टहनियाँ, या कृपि अवशेष पे पकाए गए खाने के अनुभव के पक्ष में हैं</td></tr> <tr><td>7</td><td>घर के सदस्य एलपीजी गैस पे पकाए गए खाने के अनुभव के पक्ष में नहीं हैं</td></tr> <tr><td>8</td><td>अन्य (कृपया उल्लेख कीजिये)</td></tr> </table>	1	एलपीजी गैस अब बहुत महंगी है	2	एलपीजी गैस को अब प्राप्त करना कठिन है	3	घर में वायोमास अधिक है	4	घर के सदस्य जलाऊ लकड़ी, टहनियाँ, या कृपि अवशेष पे पकाए गए खाने के स्वाद के पक्ष में हैं	5	एलपीजी गैस पे पकाए गए खाने के स्वाद के पक्ष में नहीं हैं	6	घर के सदस्य जलाऊ लकड़ी, टहनियाँ, या कृपि अवशेष पे पकाए गए खाने के अनुभव के पक्ष में हैं	7	घर के सदस्य एलपीजी गैस पे पकाए गए खाने के अनुभव के पक्ष में नहीं हैं	8	अन्य (कृपया उल्लेख कीजिये)
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g_3_2_other (required)	अन्य (कृपया उल्लेख कीजिये) Question relevant when: selected(\${g_3_2} , '8')																	
sec_h	H. नीतियां: जागरूकता और लाभ																	
h_1 (required)	H.1 1 अप्रैल, 2020 तक, भारत सरकार ने उज्ज्वला योजना के लाभार्थियों को तीन मुफ्त एलपीजी सिलेंडर रिफिल उपलब्ध कराए हैं। हमारी बातचीत से पहले, क्या आप या घर में कोई इस नीति से अवगत था?	<table border="1"> <tr><td>1</td><td>हां</td></tr> <tr><td>0</td><td>नहीं</td></tr> </table>	1	हां	0	नहीं												
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h_2 (required)	H.2 आप या आपके घर के किसी व्यक्ति को इस कार्यक्रम/नीति के बारे में कैसे जानकारी हुई थी? Question relevant when: selected(\${h_1} , '1')	<table border="1"> <tr><td>1</td><td>वितरक या गैस एजेंसी द्वारा</td></tr> <tr><td>2</td><td>पड़ोसी से</td></tr> <tr><td>3</td><td>एक आधिकारिक तेल मार्केटिंग कंपनी (जैसे इंडियन ऑयल कॉर्पोरेशन लिमिटेड, हिंदुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड या भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड) द्वारा</td></tr> <tr><td>4</td><td>लिखित सन्देश (मैसेज) द्वारा</td></tr> <tr><td>5</td><td>अखबार</td></tr> <tr><td>6</td><td>टेलीविजन</td></tr> <tr><td>7</td><td>रेडियो</td></tr> <tr><td>8</td><td>अन्य उल्लेख करें</td></tr> </table>	1	वितरक या गैस एजेंसी द्वारा	2	पड़ोसी से	3	एक आधिकारिक तेल मार्केटिंग कंपनी (जैसे इंडियन ऑयल कॉर्पोरेशन लिमिटेड, हिंदुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड या भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड) द्वारा	4	लिखित सन्देश (मैसेज) द्वारा	5	अखबार	6	टेलीविजन	7	रेडियो	8	अन्य उल्लेख करें
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. > . Group relevant when: (selected(\${d_3} , '1') or selected(\${d_1} , '9') or selected(\${d_2} , '9')) and selected(\${d_4} , '1')																		
h_3 (required)	H.3 क्या आपको अपने बैंक खाते में एलपीजी रिफिल की सख्खी मिली है? Question relevant when: selected(\${h_1} , '1')	<table border="1"> <tr><td>0</td><td>नहीं</td></tr> <tr><td>1</td><td>हाँ</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	0	नहीं	1	हाँ	-99	नहीं जानते										
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h_4_1 (required)	H.4.1 आपको कितने ऐसे मुफ्त रिफिल सिलेंडर मिले हैं? _____ [# मुफ्त सिलेंडर रिफिल की अधिकतम संख्या 5] Question relevant when: selected(\${h_4} , '1') Response constrained to: . <= 5																	
h_4_2 (required)	H.4.2 क्या मुफ्त रिफिल मिलने की प्रक्रिया सामान्य रिफिल जितनी ही सुविधाजनक थी? Question relevant when: selected(\${h_4} , '1')	<table border="1"> <tr><td>1</td><td>हां, सामान्य रिफिल जितना आसान</td></tr> <tr><td>2</td><td>नहीं, एक सामान्य रिफिल की तुलना में ज्यादा आसान</td></tr> <tr><td>3</td><td>नहीं, एक सामान्य रिफिल से अधिक कठिन है</td></tr> <tr><td>4</td><td>अन्य (उल्लेख कीजिये)</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	1	हां, सामान्य रिफिल जितना आसान	2	नहीं, एक सामान्य रिफिल की तुलना में ज्यादा आसान	3	नहीं, एक सामान्य रिफिल से अधिक कठिन है	4	अन्य (उल्लेख कीजिये)	-99	नहीं जानते						
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Field	Question	Answer												
h_4_2_1 (required)	H.4.2.1 क्या आप बता सकते हैं कि यह किस तरह से अधिक कठिन था? [उत्तरदाता को खुद बोलने दें] [एक से अधिक उत्तर संभव] <i>Question relevant when: selected(\${h_4_2_1}, '3')</i>	<table border="1"> <tr><td>1</td><td>खरीदने के समय पूरी कीमत चुकाना मुश्किल है</td></tr> <tr><td>2</td><td>बैंक खाते में सस्मिडी/प्रोत्साहन राशि मिलने में अधिक समय लगता है</td></tr> <tr><td>3</td><td>आने-जाने पर पाबन्दी की वजह से वहाँ जाना जहाँ मैंने सिलेंडर को रिफिल किया था, पहले की तुलना में ज्यादा कठिन था</td></tr> <tr><td>4</td><td>खरीदने के समय नीति के बारे में धम था</td></tr> <tr><td>5</td><td>अन्य (उल्लेख कीजिये)</td></tr> </table>	1	खरीदने के समय पूरी कीमत चुकाना मुश्किल है	2	बैंक खाते में सस्मिडी/प्रोत्साहन राशि मिलने में अधिक समय लगता है	3	आने-जाने पर पाबन्दी की वजह से वहाँ जाना जहाँ मैंने सिलेंडर को रिफिल किया था, पहले की तुलना में ज्यादा कठिन था	4	खरीदने के समय नीति के बारे में धम था	5	अन्य (उल्लेख कीजिये)		
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h_4_2_1_other (required)	अन्य (उल्लेख कीजिये) <i>Question relevant when: selected(\${h_4_2_1}, '5')</i>													
h_5 (required)	H.5 क्या आप भविष्य में इस कार्यक्रम का लाभ उठाने की योजना बना रहे हैं? <i>Question relevant when: selected(\${h_4_2_1}, '0')</i>	<table border="1"> <tr><td>0</td><td>नहीं</td></tr> <tr><td>1</td><td>हाँ</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	0	नहीं	1	हाँ	-99	नहीं जानते						
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h_6 (required)	H.6 क्या आप भविष्य में इस कार्यक्रम का लाभ उठाने की योजना बना रहे हैं? <i>Question relevant when: selected(\${h_1}, '0') and selected(\${d_4_1}, '1')</i>	<table border="1"> <tr><td>0</td><td>नहीं</td></tr> <tr><td>1</td><td>हाँ</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	0	नहीं	1	हाँ	-99	नहीं जानते						
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sec_i	I. COVID-19(कोरोना) से संबंधित धारणाएँ													
i_1 (required)	I.1 आपको क्या लगता है कि कोरोना आपके या आपके परिवार के लिए किस स्तर का खतरा है?	<table border="1"> <tr><td>1</td><td>बहुत कम</td></tr> <tr><td>2</td><td>कम</td></tr> <tr><td>3</td><td>न कम न ज्यादा</td></tr> <tr><td>4</td><td>ज्यादा</td></tr> <tr><td>5</td><td>बहुत ज्यादा</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	1	बहुत कम	2	कम	3	न कम न ज्यादा	4	ज्यादा	5	बहुत ज्यादा	-99	नहीं जानते
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i_2 (required)	I.2 सामान्य तौर पर, आपके गांव के लोग किस हद तक लॉकडाउन और सामाजिक दूरी से संबंधित सरकारी निर्देशों का पालन कर रहे हैं?	<table border="1"> <tr><td>1</td><td>पूरी तरह से पालन</td></tr> <tr><td>2</td><td>थोड़ा बहुत पालन</td></tr> <tr><td>3</td><td>सामान्य पालन</td></tr> <tr><td>4</td><td>थोड़ा कम पालन</td></tr> <tr><td>5</td><td>बिलकुल पालन नहीं</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	1	पूरी तरह से पालन	2	थोड़ा बहुत पालन	3	सामान्य पालन	4	थोड़ा कम पालन	5	बिलकुल पालन नहीं	-99	नहीं जानते
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i_3 (required)	I.3 आप निम्नलिखित कथन से किस हद तक सहमत या असहमत हैं: जलाऊ लकड़ी के साथ खाना पकाने से कोरोना से संबंधित गंभीर बीमारी या मृत्यु का खतरा बढ़ जाता है?	<table border="1"> <tr><td>1</td><td>पूरी तरह असहमत</td></tr> <tr><td>2</td><td>असहमत</td></tr> <tr><td>3</td><td>न सहमत न असहमत</td></tr> <tr><td>4</td><td>सहमत</td></tr> <tr><td>5</td><td>पूरी तरह सहमत</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	1	पूरी तरह असहमत	2	असहमत	3	न सहमत न असहमत	4	सहमत	5	पूरी तरह सहमत	-99	नहीं जानते
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5	पूरी तरह सहमत													
-99	नहीं जानते													
i_4_1 (required)	I.4.1 अगर चिकित्सा शोध से पता चलता है कि एलपीजी का उपयोग करने से कोरोना से जुड़ी गंभीर बीमारी का जोखिम कम होता है, तो घरेलू जरूरतों के लिए एलपीजी यानी घरेलू गैस और दूसरे ईंधन का भविष्य में इस्तेमाल किस तरह करेंगे? <i>Question relevant when: selected(\${d_3_1}, '1') or selected(\${d_1_1}, '9') or selected(\${d_2_1}, '9')</i>	<table border="1"> <tr><td>1</td><td>यह मेरी एलपीजी के इस्तेमाल की योजनाओं को प्रभावित नहीं करता है</td></tr> <tr><td>2</td><td>मैं अब पहले की तुलना में अधिक एलपीजी का उपयोग करना चाहूंगा, लेकिन यह व्यावहारिक रूप से संभव नहीं होगा</td></tr> <tr><td>3</td><td>मैं एलपीजी गैस का उपयोग खाना पकाने के मुख्य ईंधन के रूप में करूंगा</td></tr> <tr><td>4</td><td>मैं एलपीजी गैस का उपयोग विशेष रूप से खाना पकाने के ईंधन के रूप में करूंगा</td></tr> <tr><td>-99</td><td>नहीं जानते</td></tr> </table>	1	यह मेरी एलपीजी के इस्तेमाल की योजनाओं को प्रभावित नहीं करता है	2	मैं अब पहले की तुलना में अधिक एलपीजी का उपयोग करना चाहूंगा, लेकिन यह व्यावहारिक रूप से संभव नहीं होगा	3	मैं एलपीजी गैस का उपयोग खाना पकाने के मुख्य ईंधन के रूप में करूंगा	4	मैं एलपीजी गैस का उपयोग विशेष रूप से खाना पकाने के ईंधन के रूप में करूंगा	-99	नहीं जानते		
1	यह मेरी एलपीजी के इस्तेमाल की योजनाओं को प्रभावित नहीं करता है													
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3	मैं एलपीजी गैस का उपयोग खाना पकाने के मुख्य ईंधन के रूप में करूंगा													
4	मैं एलपीजी गैस का उपयोग विशेष रूप से खाना पकाने के ईंधन के रूप में करूंगा													
-99	नहीं जानते													

Field	Question	Answer
i_4_2 (required)	<p>मान लीजिए कि जिकित्सा विशेषज्ञ पाते हैं कि एलपीजी का अधिक इस्तेमाल किया जाना , कोविड (कोरोना) से बहुत बीमार होने के जोखिम को कम करता है।</p> <p>एलपीजी के लेने/प्राप्त करने और इसके बाद उसके इस्तेमाल के लिए आपकी भविष्य की योजनाओं का सबसे अच्छा वर्णन क्या होगा?</p>	<p>1 मैं एलपीजी लेने की योजना नहीं बना रहा हूँ, भले ही एलपीजी का उपयोग कोविड (कोरोना) से बहुत बीमार होने के जोखिम को कम करता है।</p> <p>2 मैं एलपीजी लेने की योजना नहीं बना रहा हूँ, लेकिन अगर एलपीजी के उपयोग से कोविड (कोरोना) से बहुत बीमार होने का जोखिम कम हो जाता है तो शायद मैं एलपीजी ले लूँगा।</p> <p>3 मैं एलपीजी लेने की योजना बना रहा हूँ, और अगर एलपीजी के उपयोग से कोविड (कोरोना) से बहुत बीमार होने का जोखिम कम हो जाता है, तो जब भी मुझे एलपीजी मिलती है मुझे इसका उपयोग कैसे करना है, इसके बारे में मेरी योजना नहीं बदलेगी।</p> <p>4 मैं एलपीजी लेने की योजना बना रहा हूँ, और अगर एलपीजी के उपयोग से कोविड (कोरोना) से बहुत बीमार होने का जोखिम कम हो जाता है, तो इसकी वजह से पहले बनाई गई योजना की तुलना में एलपीजी का अधिक इस्तेमाल होगा, और मैं एलपीजी को अपने खाना पकाने के मुख्य ईंधन के रूप में उपयोग करने की योजना बनाऊँगा।</p> <p>5 मैं एलपीजी लेने की योजना बना रहा हूँ, और अगर एलपीजी के उपयोग से कोविड (कोरोना) से बहुत बीमार होने का जोखिम कम हो जाता है, तो इसकी वजह से पहले बनाई गई योजना की तुलना में एलपीजी का अधिक इस्तेमाल होगा, और मैं एलपीजी को अपने खाना पकाने के एकमात्र ईंधन के रूप में उपयोग करने की योजना बनाऊँगा।</p>
generated_note_name_225	[END SURVEY]	-99 नहीं जानते