

Pakistan Institute of Development Economics
Islamabad, Pakistan



Department of Environmental Economics,

**Title of the study: Electricity as an Alternative to Fuel Wood and Its Impact
on Deforestation**

Date:

Village:

Name of enumerator:

Disclaimer

This Survey is being conducted for Academic purpose only. No Personal Information, whatsoever, will be used or shared with anyone in anyway other than the purpose mentioned above. Your cooperation is highly valuable for successful completion of this study. This information and identity of respondent will be kept confidential.

If increased/decreased then why.....

.....

12. Why you use firewood for domestic consumption?

- Easy access Cheap source Traditional cause No other source available
- Others (specify.....)

13. What is the expenditure on wood for domestic use? (per month)

.....

14. If your energy expense is high, what are the reasons?

- Over consumption of energy High fuel cost High electricity cost
- High firewood cost Other reason (specify.....)

15. Are you aware of alternative sources of energy?

- Yes No

16. Do you want to replace the existing energy resources with alternative energy resources?

- Yes No

If yes, what you prefer

And why

17. Do you farm tree species? Yes no

18. If you do, are any of those for firewood? Yes no

19. If you farm trees for firewood, which are the species that you farm?

20. Is there a shortage of firewood? Yes no

If *there is*, how have you noticed it?

21. Have you tried to prevent the shortage of firewood somehow? Yes no

If *you have*, how?

22. Have you had to made changes in your everyday life because of the shortage of firewood?

Yes no

If *you have made*, what kind?

23. Do you have/or have you tried any energy saving systems (eg. energy saving stoves)?

Yes no

If *you do/have*, which one(s)?

24. Would you be interested in using energy saving systems? Yes no

If yes then what is preventing you from doing so?

ELECTRICITY

25. How much units of electricity do you consume per month?

In summers

Maximum.....

Minimum.....

In winters

Maximum.....

Minimum.....

26. How much money do you pay for electricity per months? Write in total Rs.

In summers

Maximum.....

Minimum.....

In winters

Maximum.....

Minimum.....

27. How much money was paid 30 years ago as an electricity bill?.....

28. When did you start using electricity? (year)

29. Electric appliances used by the household

Iron Bulbs Oven Washing machine T.V

Any sort of heater Fridge/ deep freezer Fan

Water heating rod Others

30. Do you use electricity for cooking meals? Yes no

If yes then in what season, why and for how many hours?

In summer In winter Both in summer and winter

31. Do you use electricity for heating rooms in winters? Yes no

If yes then for how many hours a day?

One hrs Two hrs Three hrs Four hrs or more

32. How you think about your electricity expenses for HH energy?

Very expensive Expensive Fair

Cheap I do not pay for electricity

33. What do you think about electricity prices?

High

Low

Satisfactory

34. Are you satisfied with the electricity provider? Yes no

If no then why.....

35. Is load shedding going on? Yes no

If yes then what is the duration of load shedding?.....

36. Would you like to substitute electricity for firewood? Yes no

If yes then why and if no then why?

37. Have you compared the expenses of electricity and fuelwood? Yes no

If yes then which resource is expensive? Name only

38. Have you any idea about the consequences of deforestation? Yes no

If yes then what are those? Name only

39. Have you any idea about other sources of electricity like solar and micro hydal?

40. How much extra money would you be willing to pay, if electricity provider guarantees no more load shedding?

Minimum.....

Maximum.....

Thank you very much for your cooperation