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Empty roofs available for solar panels ↑

↑ Dried up stream available for hydropower



- Hydropower system in my town →



- What kinds of renewable energy systems exist in your area?

A house at the end of my street installed geothermal heat for their house. And there is a place in my town that produces hydroelectric power by using a local pond and created an effective system. I have also seen individual houses that have solar power grids on their roofs, but there is no large area of solar power grids.

- How can you improve them?

The renewable energy in my area can definitely be improved. I think that prioritizing solar power panels onto houses to generate energy would be great. Also behind my house, there is a wooded area that has a spot where a stream used to be but has since dried

up. I think it would be a good town project to find a way to get it flowing again in a way big enough to create another source of hydropower. Installing geothermal power in homes would also be good. Because I know that there are a couple of new neighborhoods being built at the moment, and it would be great to put geothermal energy into them now, instead of homeowners having to do it themselves later.

- What clean energy apparatuses might be feasible in your area?

Solar power energy, geothermal energy, and hydropower energy would be feasible in my area because some places have already done it, and we have the space to fit that. Also, my town is generally a middle-class town, which makes me think that the apparatuses listed would be feasible financially. The only method that would be hard to put in my area would be wind power. Finding a spot that would fit large windmills would be difficult. But the rest listed would be completely doable, as some individuals have already started doing them!

- What types can you see being installed in your neighborhood?

In my own neighborhood, I can see solar and geothermal being installed. I can talk to neighbors about switching to solar, and even talk to my parents about doing it ourselves. And one of my neighbors has already converted to geothermal heating, so I can talk to them about their experience and try and convince my parents and others to think about switching!

- How can you imagine more green energy being used in your area?

I can imagine green energy being used by both businesses and individuals in my area. Solar energy and geothermal energy are completely practical for those in my area. I do think that making a running stream in the woods behind my neighborhood could be something, although it would take time and funds to do so. But if I did enough research and tried to reach my local government with a plan, it could be possible.

Reflection:

Trying to find different ways to put green energy in my area was very interesting. I never thought about how my area needed more renewable energy, but it is so important in order to make our world a cleaner place by starting in our own neighborhoods. I talked with my mom about the ways I want to implement more green energy in our area. She thought all of my ideas were great, and especially liked the solar panel idea. She also agreed that having more green energy sources is important. We talked about why geothermal energy is important, because I did not

know much about it, but she helped me learn more about why it was a better option for heating. My town needs to have better green energy options to use more renewable energy sources!



