



SHASHANK SINGH
A Gen-Z Student from Chennai who cares about the environment and where his power comes from.

1 Pains
Fears, frustration and anxieties

Electricity made using fossil fuels

Wastage of electricity

3 Jobs to be done
What are they trying to do and why is it important for them?

He tries to use as much of solar-generated electricity as possible by storing it in batteries to be used later

2 Gains
Wants, needs, hopes and dreams

Wants a system that can intelligently use more greener electricity compared to non-green alternatives. Wants to minimize wastage of electricity.

4 Reality
How do they achieve those goals today? Any barriers in their way?

Solar Power is highly dependent on the weather conditions so most of the times, it is not feasible to run off of solar power.

5 Stories and observations
Write down quotes or observations that best describe their experience

One of the most important fields of research today is renewable energy. In today’s world where most the things in nature have already been destroyed by the humankind, it becomes incredibly important to become more conscious about our carbon footprint. Using greener energy alternatives and trying to reduce the energy consumption are few steps that can be taken on an individual level.

6 Context
Are there other factors that we should take in consideration?

We should try to shift most of our load to when greener sources are used to generate electricity. This way we can reduce our carbon footprint. Also, using natural heating and cooling capacity of the home to our advantage can help us minimize our energy consumption. Adding human behavior recognition, we can automate this process to make it seamless.