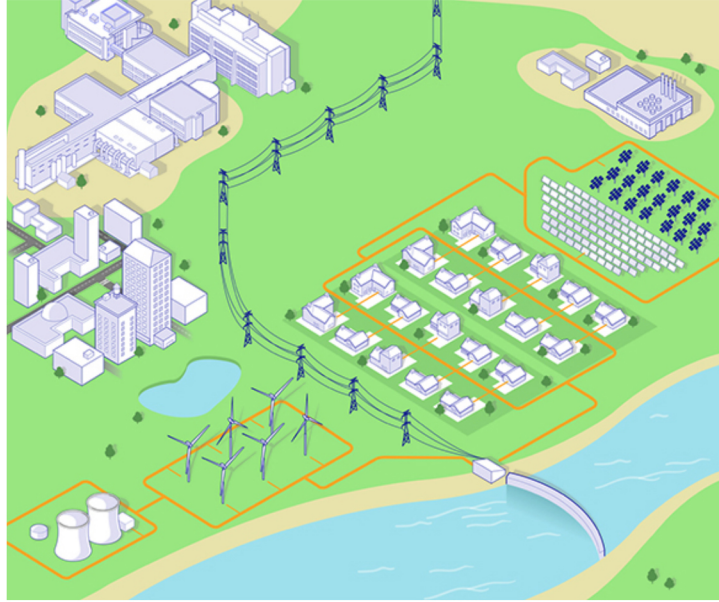




## Powerbank: Technological Infrastructure Required



An example of an Energy Microgrid

- Powerbank would have to be adopted by a neighborhood connected to a self-sustaining energy microgrid because Powerbank requires several units to exist in a neighborhood for users to take full advantage of all the Powerbank features.
- Powerbank captures user data and completes microtransactions via a wireless network connection (satellite or wired w/routers).
- Users who want to be Powerbank sellers would also require some sort of a renewable energy generation source (solar, wind, hydroelectric, etc.) to be able to generate power to sell.
- High-capacity home batteries will also be required to be able to store the energy produced or purchased.

