we are applying chemicals equation in our daily life as chemistry is related to our life. as it appears in our behaviors and actions. this semester, studying the first learning transfer was very helpful as it provided us with information that helped us in our capstone work and understand the challenge clearly.

as we studied the concept of electrolysis! electrolysis is the process that involves forcing a current to make a chemical change happen that would not happen in nature. like separating the Nacl and convert it to ions

Nacl Na+ + cl2 -

also electrolysis is a way used to convert the electrical energy to chemical energy. this chemical energy can be used as fuel or can be converted back to electricity when needed . so we can define the electrolysis as a renewable electricity storage.

there are two factors that affect the process of electrolysis: the electrolyte and the nature of electrodes

* if the electrolyte is strong the electrolysis will be faster

there are two types of electrolyte : strong and week .

week electrolyte takes long time to dissociate. but the strong electrolyte dissociate faster

* and when the electrodes are inert ,it doesn’t take a reaction . but when it active it will take a reaction.
* electrolysis of water one of the good sources for clean energy. as it produce hydrogen and oxygen

2h2o ==== 2H2 + O2

theses information was very helpful in clear the way we think about clean energy recourses and learning ways to have a reduce the environmental impacts by modifying the process that caused this impact .