iCAP Transportation Team

December Meeting Minutes

12/1/2023 3:00 P.M. – 4:00 P.M.

*Teams*

**Action Items**

* Survey of all people who have a parking pass to question about EV charging
* Erin- compile info on parking permits 2018-2023 parking permits: where they were purchased (what lots), by whom (facility, staff, student), current lot capacity, ADA parking spots, number of existing EV chargers
  + Based on that, we can figure out what percentage of cars are EVs are in that lot and can assume how many EV chargers will be needed in the future
* Once data from Erin is shared...
  + Have iCAP students meet with Sarthak to analyze data
  + Interpret results
    - Will ask iCAP team to help analyze results once data is compiled
  + Draft report to parking department that outlines how the University can improve the DESMAN proposal
  + Meet with EV Task Force to discuss the report
  + Submit final report by the end of January
* Think of how we can get more people to use EV chargers on campus
* Meet the week of December 18th to discuss the next steps of the Sustainable Fleet Replacement Plan with Sarthak, Shawn, Olivia, and possibly another student

**Meeting Minutes**

* Introductions
  + Sarthak Prasad
  + Olivia Messerges
  + John Rubins
  + Shawn Patterson
  + Erin Kristovich
* Erin update on counting EV and hybrid cars at UIUC
  + Attempted to go through the database, but was unable to get an accurate number
  + Erin estimates between 16-377 EVs on campus
    - Lots of limitations with this data
    - EVs are no longer being required to end their license plates with “EL”
    - This throws off the data collection
  + Best way to estimate the number of EVs on campus is to send a survey to all parking permit holders
  + Erin will compile requested data and share with the team
* Sarthak met with [Curbside Electric](https://www.curbelectric.com/)- a potential EV charging vendor
  + No cord, nothing else, just bollard all electrical and utility line are below ground
  + Focus on residential areas, not parking lots
* Update for the [Sustainable Fleet Replacement Plan](https://icap.sustainability.illinois.edu/project/fleet-replacement-plans) recommendation
  + Transportation 015 Fleet Replacement Plan was [successful](https://icap.sustainability.illinois.edu/project-update/transportation-015-fleet-replacement-successful)
  + F & S has a fleet replacement plan for F & S, but there are other fleets on campus that we don’t know much about
  + Figure out what creates a "fleet,” how many fleets there are on campus, and assign role of “Fleet Administrator”’ to each department that has a fleet (not a new position)
  + Meet the week of December 18th to discuss the next steps of the Sustainable Fleet Replacement Plan with Sarthak, Shawn, Olivia, and possibly another student