## Oct 12, 2023 | [Senior Design Team 50 Biweekly Meeting](https://www.google.com/calendar/event?eid=MnBuOTRzNTVvNDJwOW4xN240NmhmZG1pYWpfMjAyMzEwMTBUMTMwMDAwWiByYWJhaWxlM0BuY3N1LmVkdQ)

Attendees:

Present [Huangjie Gong](mailto:huangjie.gong@us.abb.com)

Present [Andrew Bailey](mailto:rabaile3@ncsu.edu)

Present [Manny Harris](mailto:erharris@ncsu.edu)

Present [Jeremy Edmondson](mailto:jedmond2@ncsu.edu)

Present [Labib Kasim](mailto:lkasim@ncsu.edu)

Present [Ralph Cullom](mailto:rmcullom@ncsu.edu)

Previous Action Items:

* Set up github repo (Add access or clone for Huangjie) - add file hierarchy - <https://github.ncsu.edu/login>
* ~~Research MQTT database storage and current setup for training data (links to resources at bottom of document)~~
* ~~Explore options for data collection (small home, apartment, etc)~~

Action Items

[Team Charter - 50\_ResidentialPowerDisaggregation\_Fall\_2023](https://docs.google.com/spreadsheets/d/19QlSl8Cbm5M9cFBJFcICrvQb3tRDH6ZTBHSlsWt19BE/edit#gid=770004057)

Agenda:

* **Previous Action Items**
  + **Transition to charter for action item log**
* **Walk in item solicitation**
* **PDR Review**
  + **Overall**
  + **Subsystem Reviews**
  + **Schedule**
  + **Improvements/comments**
    - **Running grafana and raspberry pi**
    - **Using HTTP v. MQTT or both at same time**
    - **Check cost of influxDB & Grafana**
    - **NILM toolkit**
* **Subsystem deliverables**
  + **Action items (>1 per subsystem by next meeting 10/24)**
* **Walk in item discussion**

Walk in items

* Huangjie data suggestion
  + <https://www.pecanstreet.org/dataport/licenses/>