## Nov 28, 2023 9:00 AM | [Senior Design Team 50 Biweekly Meeting](https://www.google.com/calendar/event?eid=MnBuOTRzNTVvNDJwOW4xN240NmhmZG1pYWpfMjAyMzEyMDVUMTQwMDAwWiByYWJhaWxlM0BuY3N1LmVkdQ)

Attendees:

| Present [Huangjie Gong](mailto:huangjie.gong@us.abb.com)  Present [Andrew Bailey](mailto:rabaile3@ncsu.edu)  Present [Manny Harris](mailto:erharris@ncsu.edu) | Absent [Jeremy Edmondson](mailto:jedmond2@ncsu.edu)  Present [Labib Kasim](mailto:lkasim@ncsu.edu)  Present [Ralph Cullom](mailto:rmcullom@ncsu.edu) |
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Action Items

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

Agenda:

* **Walk in item solicitation**
* **Reminders**
  + [Critical Review](https://www.google.com/calendar/event?eid=Nzc5ZHFyczVoZHMxODRycm5qbG0wdjVtNGogcmFiYWlsZTNAbmNzdS5lZHU) today at 1:40pm in EB2 2095
* **Previous Action Items**
* **Timeline/subsytem end of semester review**
  + **Are there tasks missing or behind**
    - **Data communication - reading data to influx**
    - **Grafana - display unprocessed data**
  + **Subsystem integration - set date January 20**
  + **Add smaller sub tasks to timeline**
* **Walk in items**
* **Meet with Huangjie early next semester**
* **Send over proposed meeting times (and how often) for next semester**

Walk in items:

Previously discussed items:

[Reading CT measurements to influxDB](https://github.com/CircuitSetup/Expandable-6-Channel-ESP32-Energy-Meter)

-[ESPHome](https://esphome.io/components/sensor/atm90e32.html) with Influx

ML Error Calc

-decrease resolution for error calculations

InlfuxDB for data storage

-adding weather column based on timestamp and location