**Team**: Alaska Power Systems

**Team Member**: Laura Rackley(EE), Boyuan Xie(EE), Hu-Kung Chen(ChemE),Yao-Yang Hsieh(ChemE), Abhineet Nigam(ChemE)

**Previous Meeting Items**:

| Item | Description | Status |
| --- | --- | --- |
| 1 | Project’s Data and Model clarification breakout meeting with sponsors | Done |
| 2 | Windmil training & line capacity data | In progress |
| 3 | Create feeders and load buses | Done |
| 4 | Design Report | In progress |
| 5 | Presentation preparation | In progress |
|  |  |  |
|  |  |  |

**Biweekly Meeting Items:**

| Item | Description | Owner | Target Date | Status | Comment |
| --- | --- | --- | --- | --- | --- |
| 1 | Presentation preparation | Whole Team | March 16th | In progress | Slides, Demo(Sketch) |
| 2 | Windmil training & line capacity data | Laura, Boyuan and Sponsors | TBD | In progress | Discussing distribution and sub-transmission |
| 3 | Design Report | Laura, Boyuan | March 17th | In progress |  |

**Overall project concept:**

The end goal for this project is to create a synthetic network for Alaska’s “Railbelt” Electric power system, the network should include both transmission and distribution models.

**Timeline:**

See attached Timeline.

**Problem and challenges:**

1: Figure out correct input data for models, specify data outputs from each dataset (open street maps, public power plants etc.)

2: Figure out statistical learning models

3: Figure out location topology methods

Note: 2&3 are preparation for next quarters work

**Requests for TAs:**

1: Details about design report and presentation

2: Regular guidance and support.