

Team 15

Project Title: MISO Emissions Dashboard

Date: 10/10/21

## Members:

John DiBasilio

Sean Fleming

Jack Riley

Daman Riat

Dylan Christensen

Tyler Maglaya

Manbir Guron

## What we've accomplished in the past week/what we've been researching

John DiBasilio - Worked on the Personal Effort Requirements (Section 2.6) that correlated to the Gantt Chart assignments that are scheduled for the rest of the semester. Completed the Personal Effort Requirements Slide of our presentation.

Sean Fleming - Worked on the various assignments due 10/10/21 and analyzed EIA documents to coordinate generation map for MISO

Jack Riley - Worked on the Gantt chart for our project schedule.

Manbir Guron

Created task decomposition, worked on defining use of different collaboration tools. I also kept looking into different EIA documents to find a mapping between the MISO region boundary and individual plants.

Daman- Worked on the project plan. Spent more time gathering all the materials presented by MISO in order to think more holistically about the design. Worked on the lightning talk presentation slides and annotated.

Tyler Maglaya - Worked on the project plan lighting talk, notably the resources page. Also practiced more with Python coding.

-Dylan -

Spent a lot of time studying for an exam in another class. Besides that:

Worked on the project plan assignment.

Tried to visualize the end project and how we get there.

Brainstormed problems we will likely encounter.

## What we're planning to do in the coming week

John DiBasilio - Continue to do research on how to set up our data for the Emissions Dashboard, and start working on the Design Assignment.

Sean Fleming - Continue to research more details on data we need to complete the emissions map for dashboard and to work on design assignment

Jack Riley - Work on the design assignment.

Manbir Guron

Create a list of MISO generators and their plant #'s based on EIA datasets

Tyler Maglaya - Start more practice with Tableau and Python.

Daman- Refresh skills with Tableau. Work on the Design assignment and continue to analyse materials provided by MISO.

## Issues we had in the previous week

John DiBasilio - No issues, project is progressing smoothly.

Sean Fleming - No major issues, confusion on gantt chart mapping with an agile approach

Jack Riley - No issues

Manbir Guron

Some minor misunderstandings of EIA datasets, but this was quickly resolved.

Tyler Maglaya - No issues as of this moment.

Dylan Christensen - Exam in my other class created some conflicts. Feeling that in class assignments divert attention from the real goals of Senior Design in that they focus attention on in class assignments rather than fulfilling the project requirements. Other than that just theoretical issues and thoughts on what we need to pin down at our next meeting with MISO.

Daman- Had an issue understanding how an agile project methodology and a Gantt chart work well together. Usually Gantt charts follow a more waterfall approach as it requires work to be planned in advance and leaves no room to innovate on the go.