

EE 491 Weekly Report MAY 15-08 Week 2 (8/31/14-9/7/14)

Advisors: Dr. McCalley **Client:** US DOE/National Renewable Energy Laboratory

Members (roles):

Alex Tillema - Team Leader

Kyle Kraus- Team Webmaster

Nick Jones- Team Communication

Jared Ward- Key Concept

Josh Martinson- Key Concept

Mohammed Aldaheri- Research

Project Title: Hydropower Vision

Weekly Summary

The main goal this week was to get together with our faculty advisor, Dr. McCalley, and discuss his vision for our project

Meeting notes:

9/5 Group Meeting with Advisor

Duration:

45 min

Members Present:

Alex Tillema- Team Leader

Kyle Kraus- Team Webmaster

Nick Jones - Team Communication

Jared Ward- Key Concept

Mohammed Aldaheri- Research

Purpose and Goals:

The purpose of the meeting was to have Dr. McCalley discuss the background and his vision for the project. Our goal was to leave the meeting with an understanding on whether the research should be aimed at retrofitting aging facilities or looking for future developments of hydropower.

Achievements:

As a group we decided on where we would start the research. We will begin looking at the geographic potential in the United States and Southern Canada for developing new hydropower . These results will allows us to choose an area for significant growth and build a model from there.

Pending issues

1. Will smaller hydro plants cause displacement of population like larger dams such as the Three Gorges Dam project in China?

Nick Jones, Communication Leader, will be researching the effects of small dams on local population in the next two weeks.

Plans for next week

1. The group as a whole will be researching the geographic potential in the United States and Southern Canada for developing new hydro power

Individual Contributions(this week)

Alex Tillema-Attended and coordinated the meeting, created group email (1.5 hr)

Kyle Kraus-Attended and coordinated the meeting (1 hr)

Nick Jones-Attended and coordinated the meeting in addition to writing report (1.5 hr)

Jared Ward-Attended the meeting (0.75 hr)

Mohammed Aldaheri-Attended the meeting (0.75 hr)

Total contributions for the project

Alex Tillema (1.5 hr)

Kyle Kraus (1 hr)

Nick Jones (1.5 hr)

Jared Ward (0.75 hr)

Mohammed Aldaheri (0.75 hr)

Josh Martinson (0 hr)