

Avista Micro-grid

2/2/2016

- Define Project
 - Load shedding/reconfiguration scheme
 - What should be shed?
 - Load shedding hierarchy
 - Banks, schools, jail, hospitals, transportation, government complexes...any others?
 - We can create our own load shedding hierarchy
 - We should talk to Erik about this
 - How to operate the micro-grid with a hierarchal setup?
 - What order should the breakers be opened to operate the grid/system correctly?
 - How to operate this grid?
 - John Gibson is the VP of Distribution for Avista (He may be a good contact)
 - Is there a central control for the grid?
 - Manual equipment upgrade? Digital system? Would we save money by not replacing equipment?

- Information/Data received from Pavan
 - Downtown network maps
 - Downtown Network PowerWorld
 - The files in this folder would not open (Software update?)
 - Load Data (From 2013 to 2015)
 - This data is for 3rd & Hatch 12F8 Sacred Heart
 - Avista lines in PowerWorld
 - It cannot be opened with the student version of PowerWorld (Exceeds 42 busses)
 - Talk to Dr. Johnson about getting full access to these large Powerworld documents
 - Dispatch map of Spokane
 - Google maps may be better
 - GIS map (We have access to them in McClure Lab)
 - Downtown Hydropower generation data (From 2013 to 2015)
 - Spokane one line diagram (115 kV – 230 kV)

- Set up a contact with Avista
 - Load contact?
 - Eric?
 - We have Erik's email now (Erik.Lee@avistacorp.com)

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Connor Warner

- To Do:
 - Client Interview (Due February 12th)
 - 20 questions about project for the clients
 - Write a transcript of the interviewer and write specifications (a list of customer needs). Due February 15th with client signature required
 - First Logbook review
 - Due February 26th
 - There is a grading sheet online for this