

UI Steam Power Agenda: 3/14/14

- 1) What is the status of Delegated Agenda Items from last week?
 1. Discuss additional client imposed constrains:
 - i) 1320 kVA Combined Cycle Steam Turbine
 - ii) Economic Analysis to include:
 - a. 8200 hrs of turbine runtime per year
 - b. Connection costs to grid and facility
 - c. Economic escalation based on 5-year CPI of 1.91%

Ryan ---In Progress

2. Delegation of responsibility for synthesizing senior design project into :
 - i) Long Range Campus Development Plan(Dropbox>Senior Design>UI Steam Power Portfolio>Specifications and Constraints)
 - ii) UI Strategic Plan (broader)
(Dropbox>Senior Design>UI Steam Power Portfolio>Specifications and Constraints)

Donald, and Chris—In Progress

3. Delegate Solidworks/architectural rendering of turbine/generator inside steam plant for Expo Display
 - i) Contact Luke Nelson on ME Department for assistance

Chad—In Progress

4. Inquire with Scott as to the decision on voltage of generator
 - i) This is currently a major road block

Decision made of 13.2kV

5. Delegate contact of Mario w/ D-R Regarding Maintenance Costs
 - i) Previous information provided was not itemized
Ryan—Emailed but no response
6. Delegate contact of David Naccarato w/ McKinstry
 - i) Obtain installation cost for EEA

Donald—Meeting set up with David for Either Wednesday or Thursday following spring break.

- 2) Set up a Time line for final proposal paper.
SEE The file on proposal Report in dropbox