

10/22/2013

## UI Steam Power

### Minutes 10/22

Attended : Dr. Xing, Scott Smith, Ryan, Donald, Chris

#### Agenda

- EES Model  
Main purpose: To have a complete model of the system to be able to analyze the reactions of implementing a turbine
- Clarify what we will be presenting on 11/11.

#### **Discussed Topics:**

- **DESIGN REVIEW** Scheduled for Tuesday, November 19<sup>th</sup>, at 3:30. Location TBD
- The 6 options will be proposed to Scott by November 11<sup>th</sup>. He will narrow it down to 1 or 2 options where we will perform an economic analysis on the best option.
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#### **EES Model:**

- What is the torque and RPM of turbine
- How much power generated is actually put out
- Design Idea
  - Microcontroller stepper motor control
- Condenser Model

#### **Action Items:**

- Wiki Page – Donald/Chad
- Preliminary Economic Analysis – Donald
- Campus Condenser Model – Chad/Ryan
- Set meeting Friday 10/25 w/ Chad, Ryan, and Scott