

9/24/13

## UI Steam Power

Minutes 9/24

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

Agenda:

1. Recap Plant Tour
2. Discuss minimum first contact questionnaire
3. Turbine Type
  - non condensing-backpressure turbine
4. Benchmark System
5. Review previous proposals

Plant tour recap

-Campus distribution operates at 60 psi

Ryan spoke with Montana

-400 kW generation

UI Steam plant

comfortable safety settings - 200 psi

600 (max) psi on wood boiler

250 (max) psi on natural gas boiler

Dr. Xing will help us with EAS to model the system

-Xing may provide a homework example

Possible plan of implementing 2 turbines

**Action Items**

**Create a Current System Model** (goal by 10/8)

Ryan, Don - Find parameters for EAS program

Chad, Chris- Set up model on EAS