

# Justin Herzing

## Final Report Outline

3-26-10

### **Introduction (3 Slides)**

- Building Overview/Introduction (1)
- Mechanical Overview (Cooling System – 1)
- Mechanical Overview ( Heating System – 1))

### **Depth Evaluation (12 to 15 Slides)**

- Mechanical Depth Goals and Objectives (1)
- Decentralized Supply Fan Analysis (3-4)
- Backpressure Steam Turbine Analysis (3-4)
- Combined Heat and Power Analysis (5-6)

### **Breadth Evaluation (4 to 5 Slides)**

- Impact of CHP on Acoustics (1)
- IC Engine Acoustic Characteristics (1)
- Acoustic Evaluation (1-2)
- Added Acoustic Sound Isolation and Results (1)

### **Conclusion and LCC (4 Slides)**

- Lifecycle Cost Analysis for all depth topics (2)
- Recommended Mechanical System and Reasons (2)