Building Coordinators Meeting

Welcome Building Coordinators!!
Building Coordinators Meeting

Welcome – Dave Jackson
Host - Scott King, International Programs
UCC Renovation Progress – Rod Lehnertz
Flood Preparation and Planning – Ken Lloyd & Dan Heater
Waste Reduction Efforts & RFP Updates – Dan Heater
Energy Hawks Process – Dan Heater
Energy Control Center - Zuhair Mased & George Paterson
International Programs

Scott King – Director International Students and Scholars
• Our mission is to connect University students, faculty, staff and the general public to the world.
• Led by Downing Thomas, Associate Provost and Dean, International Programs
• Administrative Structure
  – Office of the Dean
  – Office of Academic Programs & Services
  – Office for Study Abroad
  – Office of International Students & Scholars
  – Office of External Relations
  – Affiliated research and study centers, including the Center for Human Rights and Confucius Institute
• Our clientele includes
  – Approximately 500 students in the IP administered majors in International Studies (B.A. and M.A.) and the Ph.D. in Second Language Acquisition
  – Over 1,200 UI students who study abroad each year
  – Nearly 2,600 international students and 450 visiting international scholars on campus

• IP also sponsors dozens of outreach events for campus and community
  – International Mondays
  – Iowa City Foreign Relations Council
  – World Canvass
• IP was first UI tenant in the University Capitol Centre; moved from the former International Center in March 2006
  – Goal was higher visibility and accessibility to encourage growth
  – Currently, over 16,000 students, faculty, staff and community members visit office each year
• IP employs around 45 full time merit and P&S staff, 20 graduate assistants, and 40 part-time student workers; we also host varying numbers of international and domestic visiting scholars
UCC Renovation Progress

Rod Lehnertz – Director - Planning, Design and Construction
International Programs
UI Hospitals and Clinics
Iowa Centers for Enterprise and Information Technology Services
College of Public Health
UI Police and Key & Access Services
School of Music
Flood Preparation and Planning 2010

Coralville Forecast (01Apr2010 07:35:27)

Graph Provided By:
USACE
Rock Island District
Flood Preparation and Planning 2010
Flood Preparation and Planning 2010

Iowa River at Iowa City, IA
Latitude: 41.6  Longitude: 91.5
Forecast for the period 3/29/2010 - 6/27/2010
This is a conditional simulation based on the current conditions as of 3/22/2010

<table>
<thead>
<tr>
<th>Flood Level</th>
<th>Major Flooding</th>
<th>Above 25.0 Feet.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Moderate Flooding</td>
<td>23.0-25.0 Feet.</td>
</tr>
<tr>
<td></td>
<td>Minor Flooding</td>
<td>22.0-23.0 Feet.</td>
</tr>
</tbody>
</table>

Maximum Stage (FT)

Exceedance Probability
Flood Level 22.0 (Feet)

Facilities Management
The University of Iowa
Flood Preparation and Planning 2010
Flood Preparation and Planning 2010
Flood Preparation and Planning 2010
Flood Preparation and Planning 2010
Waste Reduction Efforts

Dan Heater – Building and Landscape Services
Waste Reduction Efforts

• Purpose
• Outcomes Expected
• Status
Waste Reduction Efforts

Facilities Management Office Waste
University Services Building: 2nd and 3rd Floors

Deskside waste collection stopped, 1/01/10

Pounds of Waste Generated

Facilities Management Office Waste

Total
2nd Floor
3rd Floor
Waste Reduction Efforts

What is the most common reason why you threw recyclables in the trash?

<table>
<thead>
<tr>
<th>Reason</th>
<th>Count</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other</td>
<td>18</td>
<td>30.5%</td>
</tr>
<tr>
<td>Unsure if item was recyclable</td>
<td>17</td>
<td>28.8%</td>
</tr>
<tr>
<td>I always recycle</td>
<td>13</td>
<td>22.0%</td>
</tr>
<tr>
<td>Forgot to recycle</td>
<td>7</td>
<td>11.9%</td>
</tr>
<tr>
<td>No Response</td>
<td>3</td>
<td>5.1%</td>
</tr>
<tr>
<td>Didn't want to recycle</td>
<td>1</td>
<td>1.7%</td>
</tr>
</tbody>
</table>
Waste Reduction Efforts
Waste Reduction Efforts

Questions?
Energy Hawks

Dan Heater – Building and Landscape Services
Allan Culbert – Building and Landscape Services
## Completed Projects (Savings are from August through Feb, 2010)

<table>
<thead>
<tr>
<th>EMI #</th>
<th>Description</th>
<th>Elec. Saving (kWh)</th>
<th>CW Saving (MMBtu)</th>
<th>Steam Saving (MMBtu)</th>
<th>Total Cost Saving ($)</th>
<th>Estimated Implementation Cost ($)</th>
<th>Simple Payback (Year)</th>
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<tbody>
<tr>
<td>1</td>
<td>Replacing bad Thermostats,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>repositioning louver on supply grill,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>fixing leaking air on flexible supply air duct,</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>calibrating reheat valve</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sub-Total</strong></td>
<td><strong>55,591</strong></td>
<td><strong>1,112</strong></td>
<td><strong>1,314</strong></td>
<td><strong>$48,340</strong></td>
<td><strong>$0</strong></td>
<td><strong>0.0</strong></td>
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</tbody>
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# Energy Hawks

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<td></td>
</tr>
<tr>
<td>4</td>
<td>fixing not closing OA-Damper</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>replace relief and return air dampers</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>tune face and bypass damper and change pneumatic actuator to electronic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>fixing 1/3 and 2/3 valves on heat exchangers (valves failed to open)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>calibrating reheat valve</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Sub-Total</strong></td>
<td><strong>10,360</strong></td>
<td><strong>989</strong></td>
<td><strong>4,154</strong></td>
<td><strong>$84,891</strong></td>
<td><strong>$0</strong></td>
<td><strong>0.0</strong></td>
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Energy Hawks
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Future Projects for the Energy Hawks
• Medical Laboratories
• English Philosophy Building
• Seamans Center
• Maclean Hall
• Adler Journalism Building
• Becker Communication Studies Building
• Multi Tennant Facility
• Bowen Science Building
Energy Hawks win APPA's Effective & Innovative Practices Award

APPA’s award recognizes programs and processes that:

• Enhance Service Delivery
• Lower Costs
• Increase Productivity
• Improve Customer Service
• Generate Revenue
• Otherwise benefit the Educational Institution
Energy Hawks

Questions?
Energy Control Center

Zuhair Mased – Energy Management

George Paterson – Utilities and Energy Management
Energy Control Center

Located in 312 University Services Building
Energy Control Center

Purpose

• To use real-time information to make better decisions about how we supply and consume energy at the University.
Energy Control Center

Balancing supply and demand is key to running our campus cost effectively.

Forecasting demand enables us to:

• Optimize energy usage by running the most efficient combination of boilers, turbines and chillers to supply a forecasted load.

• Receive best available energy pricing and avoid penalties from our natural gas and electricity suppliers.
Energy Control Center

VantagePoint Home Page
Energy Control Center

Questions?
Open Forum

Questions and Comments
Fall Building Coordinators Meeting

The University of Iowa BioVentures Center