

## Plant Utilization and Planning Meeting

Minutes 11/21/13

TOPIC	DISCUSSION	ACTION TO BE TAKEN
Call to order	Pat Weiss called the meeting to order at 3:00	
Approve minutes from Oct meeting	Motion to approve, seconded, passed	
Old Business	<ul style="list-style-type: none"> <li>• Dec 12 tour to Salk high tech classroom, GSPH, and Assembly Room in Union. Meet in lobby of Salk Hall on Terrace Street. Optional meeting in University of Club after tours</li> <li>• PUP document visibility – a couple of people still don't have access</li> <li>• Faculty representative to campus-wide sustainability group – Need 2 faculty members for the group. Michael Spring has put Pat Weiss and Kent Harries' names forward.</li> <li>• Hillman Library Hours – 24/7 5 days a week – may be extended to 7 days a week</li> </ul>	
New Business	<ul style="list-style-type: none"> <li>• Request from University Times – Kim Barlow wishes to attend meeting and report on them.               <ul style="list-style-type: none"> <li>○ Concerns that there are projects discussed that are in preliminary/planning stages that are not ready for the public</li> <li>○ Might limit discussions</li> <li>○ Possible options – Could invite her on tours; Could provide her with minutes</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Pat/Susanne will get back to her and invite her on Dec 12 tour.</li> </ul>
Presentation on steam/chilled water lines (Dan Fisher)	<ul style="list-style-type: none"> <li>• Bellefield Boiler Plant – turn of century for Carnegie Museum – expanded to Pitt in '30s, Runs on natural gas, 80% return condensate, 20% new water (clean water)</li> <li>• Carillo Street Steam Plant (UPMC/Pitt) – 2009. Natural Gas with oil backup. Has 47% reduction of carbon emissions. Economizer mode lowers energy consumption.</li> <li>• Steam distribution               <ul style="list-style-type: none"> <li>○ Lower campus – &gt;2.5 miles. Many go through tunnels for inspection and repair. Bellefield Ave, Schenley Plaza, Posvar</li> <li>○ Upper campus – Trees Hall, Sutherland Drive, Darragh Street, upper and lower connected in O'Hara street</li> <li>○ East loop expansion (Petersen Events Center) should be completed soon</li> </ul> </li> <li>• Condensate Return               <ul style="list-style-type: none"> <li>○ Gravity fed back to boilers for Bellefeld, pumped condensate for Carillo.</li> </ul> </li> </ul>	

	<ul style="list-style-type: none"> <li>• Steam Metering/billing <ul style="list-style-type: none"> <li>○ Owned by multiple institutions – metered as leaves plants and as enters buildings</li> <li>○ Can identify base load and constant load for buildings. Winter and summer meters.</li> <li>○ Buildings billed monthly</li> </ul> </li> <li>• Steam treatment – Chemicals to prevent corrosion included. Chemicals have no effect on humans and animals – Clean steam is actually more corrosive than chemically treated</li> <li>• This winter there is a plan for Carillo alone to be used to entirely feed upper campus. First time to test the whole system</li> <li>• Chilled water (air conditioning) – Posvar (lower campus) 1979 and Petersen Events (upper campus) <ul style="list-style-type: none"> <li>○ Cooling towers reduce temperature of water</li> <li>○ Will be testing free cooling plates in winter (should be running soon)</li> <li>○ 2 miles of chilled water piping. Plants are cross-connected. Serve over 40 buildings rather than having each building have chillers – reduces refrigerant, and increases economy. Eliminated 100s of window units</li> <li>○ All chilled water are integrated in a building management system.</li> </ul> </li> <li>• Constant maintenance and monitoring are designed to prevent leaks/catastrophes</li> </ul>	
<p>Community updates (John Wilds)</p>	<ul style="list-style-type: none"> <li>• Idling of diesel vehicles – <ul style="list-style-type: none"> <li>○ Act 124 2008 PA Department Environmental Protection – Buses can idle for 5 min/60 minute period if not boarding. If boarding can idle for 15 min/60 min. School buses can idle as long as necessary to maintain temperature for special needs children.</li> <li>○ Citation can be issued by Law enforcement officers or EPA inspector.</li> <li>○ If complaint to be registered should be to Transportation department of Pittsburgh Public Schools.</li> <li>○ Discussed possibility of monitoring school buses at Frick school on Thackeray street. Possibly students could be used.</li> <li>○ Item tabled for now</li> </ul> </li> <li>• Recycling Bags – City does not provide blue recycle bags. Giant Eagle only place to get blue recycle bags. Giant Eagle will donate</li> </ul>	<ul style="list-style-type: none"> <li>• Pat/Susanna will tell PUP student representative about free bags and discuss means of distribution</li> </ul>

	2000 bags to Pitt for students. Students will need to identify how to distribute them	
Facilities Report (Joe Fink)	<ul style="list-style-type: none"> <li>• Designs in process for GSPH</li> <li>• Renovations of Innovation Institute moving forward</li> <li>• Steam Line in front in Petersen almost completed. Green space is returning soon</li> <li>• Electric charging stations are in and are used</li> <li>• Pitt will take part in the National Food Recovery Challenge – Minimize food purchases – donating unused food and composting waste. Develop a base year and then determine reductions over the next year.</li> <li>• Salk Hall addition done Aug/Sept 2014</li> <li>• Pymatuning Laboratory of Ecology to be renovated</li> </ul>	
Other Business	<ul style="list-style-type: none"> <li>• Laura sent PUP a recycling report done by students. Very informative and could be a good addition to website. Would need permission of students to post. Legal council has form to release.</li> <li>• Community relations was asked for assistance of clearing of brush on Bates Street which was completed. Today planting 62 trees</li> </ul>	<ul style="list-style-type: none"> <li>• Look into getting permission to post recycling report</li> </ul>
Adjournment	Susanna Leer adjourned the meeting at 4:30	

**Attending:**

Nancy A. Baker  
Susanna Leers  
Paul Munro  
Joseph Newsome  
Patricia Weiss  
James T. Becker  
Patricia Roncevich  
Joseph Fink  
Eli Shorak  
Paul Supowitz  
John Wilds  
Laura Zullo  
Dan Fisher  
Irene Frieze  
Dan Marcinko