

Sustainability Steering Committee Meeting Minutes

S-118 and MH-4200

10:00am – 11:30am, Date: October 7, 2016

Present: Lujain Al-Saleh, Susan Bluestone, Dick Chan, Lyandra Dias, Gail Lee, Ellen Owens, Eli Perszyk, Jodi Soboll, Geramye Teeter, Veronica Villelon

On conference call: Dan Henroid, Paul Franke, Erick Villalobos

Guests: Herbert Cole, Michelle Heckle, Gabe Sandoval

Agenda	Action Items	Person Responsible
Introductions	<ul style="list-style-type: none"> Welcome, introductions, review of agenda 	
SkySpark and Ecovox (Gabe Sandoval)	<p>Gabe Sandoval, BMS supervisor, deals with building energy mgmt. control systems for UCSF. (See attachment)</p> <p>Energy Software for Analytics and Reporting</p> <ul style="list-style-type: none"> Goal is to set up a data warehouse, where every piece of data can be put into one centralized data base. Building management software Skyspark is the chosen software that fulfills our data analytics needs. SkySpark – Can take 5 minute snapshots for 1 building = 1 billion data points annually. Right now does not include lighting, utility or thermal. Looking to put in all data points i.e. waste, utilities, etc. into this database. Reporting becomes easier. Increased visualization, graphs and dashboarding capabilities. Current ‘Connected Commissioning’ Projects – Piloted at Mission Hall and IRM White House mention UCSF using this technology. Working with Lawrence Berkeley warehouse on utilizing connected commissioning. Algorithms used for constant monitoring. Gabe displayed SkySpark capabilities to group. End point is that software can pinpoint inefficient utility utilization. Highlighted Project Haystack - an open source, non-propriety initiative with many companies coming together to build standardization across data. Other campuses recognize the need for such a database. Energy Managers Meeting – Met at Davis – British Columbia, all UCs – talking about data analytics Gabe’s goal is to have a master database for the whole UC system (SI10) to share data and consolidation for management 	
Water Strategy Plan (Eli)	<ul style="list-style-type: none"> UC Goals/Policies (See attachment) <ol style="list-style-type: none"> Reduce water consumption by 36% by 2025 – Met the UCOP goal this year Eliminate Single-Pass Cooling – Connecting sterilizers to recirculating chilled water, Cold Rooms retrofit Comprehensive water lab survey in progress – inventory all water consuming equipment, faucet retrofit (reduce to 1.5gpm) Sterilizers are expensive and labs are responsible for purchasing them, so in most cases they wait until the equipment breaks down to upgrade (working on incentives) <ul style="list-style-type: none"> In communication with Procurement (BearBuy) for when PIs buy sterilizers Current projects: Helen Diller LARC, Genentech Hall, Hooper Lab, Pathology Lab We have a total of 9 cold rooms – starting with 3 to get them onto plumbed chilled water Measurement and verification– Water meter upgrades starting with MB. All new water meters connected to SkySpark Working with Julie Sutton to do an irrigation retrofit at Parnassus, mostly Landscaping in front of Moffitt/Long hospitals. District scale recycled water - At MB Campus there’s recycled water plumbing in the street but no source of recycled water yet <p>Campus-Wide Outreach Program: Water Working Group is developing the program</p>	

Agenda	Action Items	Person Responsible
	<ul style="list-style-type: none"> • Labs • Irrigation – developing signs for lawns • Housing – water communication to residents • Hand washing • Fitness Centers - Showers <p>Procurement</p> <ul style="list-style-type: none"> • UCOP - Lab Design Guide was recently updated and is being reviewed for feedback. Will add a line item on eliminating single-pass cooling. This guide is being reviewed by project managers. a good time to get input Veronica/Jodi to send Gail Lab Design Guidelines 	Veronica/Jodi
<p>Storm Ready / Climate Resilience (Michelle Heckle and Herbert Cole, UCSF PD)</p>	<ul style="list-style-type: none"> • UCSF Police Dept – Thinking about how does PD fit with Sustainability? (See attachment) • UCSF is a NOAA certified Storm Ready Campus. Renewed our Storm Ready status early this year. • Overview of Storm Ready University attributes with 6 guidelines: <ol style="list-style-type: none"> 1. Communications and Coordination Center 2. National Weather Service Warning Reception 3. Hydrometeorological Monitoring 4. Local Warning Dissemination 5. Community Preparedness 6. Administration • As part of the certification for Storm Ready we have to show different communication modes to public. Dispatch Center will take the info and send to the chief of police to review • Dispatch will issue a “Warn Me” alert or Safety Bulletin notices for SF Bay Area is usually high wind warnings • National Weather Survey – working to build a Weather-Ready Nation • What can be lost if we are not prepared – e.g. Children’s Hosp in Oakland – Research there was impacted when a flood occurred in a research area – lost 242 mice, possibly worth months of research time • Resources <ol style="list-style-type: none"> 1. Campus emergency and evacuation procedures 2. Office emergency supplies - a checklist (e.g. head lamps for folks instead of hand flashlight) 3. My Hazards Emergency Management (by Cal OES) 4. California OES – weekly weather threat briefing (Let Michelle know if you would like to be added to this) 5. Cal-Adapt 6. California Climate Change Symposium 2016 (Forum on Adaptation) • PD in the next phase of Hazard Mitigation Planning for 2018 - New add: climate change information in the Hazard Mitigation Planning – finding local and regional impacts and adaptation; PD would like SSC group’s input during review period 	
<p>Photo Shoot</p>	<ul style="list-style-type: none"> • Sustainability Annual Report Photo Shoot — Each work group is requested to propose 4 photo ideas/locations for photo shoot and select two days (one at MB and one at Parnassus) to do all photos on site (Lyandra) 	Lyandra

Next meeting

November 2, 10-11:30, Parn S226 or MB MH6400

Please submit agenda items