College Environmental Advisory Group

Meeting Minutes

Tuesday, October 14, 2008

In attendance: Kristin Jensen Sullivan, Frank Nunez, Veronika Lane, Wendy, Susan Malmgren, Ferdnando Batista, Peter Woolhouse, Rudy Tamayo, Julie Ceballos, Keith, Devin, Julianna, Karl, Vilma, Matt

• Buildings
  ~ part is waste diversion
  ~ LEED™ - looking at what is installed, drawings, specifications
  ~ Donna – source for where LEED docs for buildings are
  ~ looking for sustainable attributes
  ~ how much energy-generated on campus
  ~ O&M = look at campus systems – what we have done on energy efficiency, what replaced, what is new 1994-2004 energy efficient
  ~ find out about variable frequency/cogen/speed drives, insulation can do, heating and cooling tied to building use; Measure C – meters in buildings
  ~ next phase – where exactly area we wasting energy. Where energy use is on both campuses
  ~ 1200-1400 kWh’s used/day on both campuses
  ~ Non-potable irrigation – not on campus at this time
  ~ eco-drive – flushometers, faucets, - uses small amounts of water
  ~ De Anza = under Sev WD (not systemic)
    43% of all utility workers retiring w/in 10 years; infrastructure separates domestic irrigation water
  ~ Plans for recycled water use
  ~ Well on campus, not used. Can use? 100% from mainline irrigation
  ~ Green Cleaning Service: Someone will work with Manny to see what doing green, look at equipment – scrubber using a small amount of water

• Dining Services
  ~ Report to Patrick Gannon

• Energy and Climate
  ~ Look at existing PV, cogen. Will put solar thermal on MLC
  ~ PV membrane welded in (Flint Center, PE 1 or 2)

• Materials, recycling, waste minimization
  ~ SMP: what we are consuming – electricity, gas, water, landfill
  ~ After 2005: AB75 – down 20% waste; 3 yrs to 50%, need to prove this to the state
  ~ how we are directing our waste – concrete, asphalt, wood, metal, dirt, furniture
  ~ Need for solar energy installers, energy market, residence and commercial – measured in mass (=tons)
  ~ gather information, need to find out what have already done, tell us where we are on the scale, then where to go
  ~ collecting – up to Dec.
  ~ hard data – good science, hard to refute
~ info on e-waste
~ hazardous waste – Mona V., report summarizing

• Marketing
  ~ Use STARS as concrete quantities
  ~ there is no sway
  ~ later – ad = LEED – take into a LEED building
  ~ want to know what we are doing
  ~ tech-savvy, young people utilize these multi-task skills