Sustainability iCAP update – 6/30/11

* Renewable Energy
  + 433,010,192 kWh electricity in FY10, Energy Utilities Master Plan
  + Wind – South Farms turbine cancelled, RFP for wind energy and Power Purchase Agreements under consideration by Prairieland/Gene Waas
  + Solar – ACES has been asked to identify some land for a solar farm – public/private partnership
  + Biomass – BCAP grant application denied, ongoing discussions with Energy Farm and Illinois Biomass Working Group
* Behavior Change
  + Real-time energy – in pricing discussions
  + Energy presentations done in Library, Campus Rec, IGB, Altgeld, Coord. Sci, and NCSA
  + Eco-reps – 9 students in LAR and Allen Hall, 3-5 hours per week
* Energy Conservation
  + Comprehensive report – program scope being routed for signatures, cost negotiations ongoing
  + Fume Hoods – education, conversions, and reductions
  + Building Envelopes – student weatherization teams at small houses to repeat in FA11, and AFMFA energy conservation
* Policy changes for computers, purchasing, and carbon offsets – meeting pending with OBFS
* Waste Management
  + Zero-waste policy and increase recycling rate to 75% by 2020 – still to be determined
  + *Battery recycling program – locations identified, final decision about vendor pending*
  + Composting study for food waste from residence halls – hold for funding commitment from SSC
* Local Foods – student farm, housing dining services
* Education
  + Sustainability course inventory, Educational Learning Outcomes, teach the teachers
  + F&S Course – Campus Honors Program Spring 2012 – 3 hr/wk, juniors and seniors
  + Projects for existing classes – Minsker: stormwater, Madhu: marketing, LINC: bike sharing
* Funding
  + *Revolving Loan Fund, Charging Colleges for Utilities – meeting set for 7/7/11*
  + Grants, savings allocated back to additional sustainable projects
  + Maintenance Division funding to keep the energy savings achieved by various conservation projects
* Transportation
  + Reduce idling – GPS tracking, *increased biodiesel usage – pending meeting with IBI*
  + Bike sharing, bike plan, bike education
  + Preferential treatment for high MPG vehicles? – still to be determined
* Space
  + Stewarding excellence process – right sizing
  + Net Zero growth for space – *to be added to Master Plan, if possible*
* Standards
  + LEED Gold certification now, Platinum 2015, *ASHRAE 2010 energy standards asap,* Net Zero Energy Buildings by 2025?
* Sustainable Landscapes
  + Prairie at Florida and Orchard and at Vet Med, Sustainable ACES practices?
  + *Master plan review*
* Water Conservation / Stormwater
  + True cost of water study – ISTC is reviewing the water costs for chillers – workshop in July/Aug
  + Use of non-potable water/raw water
  + Coordination with other governmental agencies re: stormwater utility fees
  + *Sustainable stormwater management plan*