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*