**LED Meeting 10/6/09**

Bob Mathis- text for last minute meeting or quick answer- (502)966-4336

Bill O’Brien
Kellly Lessard
Shorty Schwartz
John Ore
Kira McEntire
Molly O’Hara
Nathan Shaw-Meadow
Alexis Gette

* Pre-Proposal for Grant ($6,000-$7,000) Submitted
* Solar Panel, LED lights, Wind Turbine, money to pay students
* Goal is to make Heather Hall self sufficient, what it would take to power it by LEDs (maybe some fluorescents)
* Design Space- roof areas to house panels & turbines close to Heather Hall
* Find outside sources to come in and teach, help with design (i.e. from green party)
\*hidden or visible, which roof space worked best\* contact head of physical plant
\* Sustainable part of campus map, sub-committees could present to a meeting to staff (keep in mind)
\* Be weary of safety
* Physics Dept. has objects that monitor kilo-watt usage and measures current. Possibly use them to read and get a rough idea of output
* Created research teams:
 🡪Energy Audit- Nathan, Shorty (logistics: equipment)
- Savings through lighting, and a/c due to loss of heat
🡪Solar- Molly and Kira
🡪Wind- (Turbine should become a piece of art, dynamic, project for design class) Bob, John
🡪LED- Alexis, John, Bill?
-replacement of bulbs (50-100 thousand hours) compared to incandescent fixtures
- Mood atrium is used as performance space but is limited due to electrical services (geometry, limited power) - could find fixtures to put in as a research area? Bob has money to work on project
-Cove also runs stage lights.
**Kelly will do research for any groups.**
\*Contact the patent member in Georgetown, TX \*
* Find new time for meeting Kelly send out email?
* Next meeting might address Energy Audits, bring in outside mentor/professional.