**Advising Night**

- Thursday, Sept. 2, 377 CB, 5 pm
- All Students
- Ice Cream!
- Topics for Seniors:
  - L3 Exam
    - Last 2 weeks in September
    - Last 2 weeks in October
  - First 2 weeks in January
  - Elective requirements
  - Schedule of engineering electives
  - Graduation clearances
  - Exit interviews

**Dean’s Lectures**

- Oct 7 – L. Douglas Smoot (Homecoming)
- Nov 4 – Bradley Young
- Counts for ½ of a grade (A to A-)
- Oct. 21 - Randy Beard
  - EE Professor at BYU
  - Control systems for UAVs

**Process Dynamics and Control**

ChEn 436
Fall 2010
Dr. Fletcher

**Intermountain Power Project (IPP)**

- Two 975 MW boilers
  - 1 million lbs/hr of coal in each boiler
    - 10-15% ash
  - Tight control of NOx, SOx, particulate
  - Majority of ash sold for use in concrete
- AC power converted to DC
- All power shipped to LA and re-inverted to AC power
Suppose the demand for electricity decreases at 11 pm....

- What must be changed to lower the electrical output?

Assignment

- Reading (see Class Schedule)
- Read the Competencies
  - Mark any that you know already
- Note examples of controllers around you and be prepared to discuss them