

## AOSC 433/633 & CHEM 433/633 Atmospheric Chemistry and Climate

### Problem Set #6

**Due: Thursday, 7 May 2015**

**100 points: Students enrolled in 433 only who are not doing a paper / project !**

**Late penalty: 10 points per day (i.e., please try to turn in on time).**

*Final deadline:* Tuesday, 12 May 2015 (start of class).

**Ross, Austin, & Tim will read each reply carefully and make an assessment based on our view of how well material presented throughout the class, or perhaps gleaned from other sources, is integrated into a coherent, thoughtful reply. We look forward to learning from your replies ☺.**

### **Plan for The U.S. To Meet Its Future Energy and Transportation Needs**

You are the Energy Advisor of a candidate for President of the United States in the 2016 election. The candidate has asked you to present a plan for the nation to meet its future energy needs, taking into account climate change, air quality, and the candidate's long-term vision for a high quality of life for US citizens. Specifically, the candidate has asked you to address the Nation's future *electricity supply* and *transportation* needs in a manner that is both environmentally friendly and cost effective over the long-term, even if the plan requires significant initial investment.

The candidate's parting words when describing this request were "when dealing with energy, it is hard to separate the charlatan from the prophet".

As part of your plan to gain advocacy for your vision of America's energy future, you have decided to produce a "one page" briefing paper for the candidate that highlights the plan.

Please share your *one-page* plan for America's energy future. Your reply can take whatever format you'd like: i.e., paragraphs, bullet statements, etc are all fine. Your reply can be produced using Word, Powerpoint, etc. The only requirement is that your plan *fit onto a single piece of paper (one side)* ☺

***Please write your name on the back, so that we can read your response without knowing by whom it was written (use a pencil if you think your name will show through the paper).***

We will select three responses for presentation in class on 12 May 2015.

If your response is selected, we will contact you prior to 5 pm on 11 May ☺