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Subject: Data from cooking class project
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To: Peter V. Schwartz pschwartz@calpoly.edu



Hey Pete:

I have a suggestion on the minimal data that the student cooking teams might want to collect. The big change is that I think it would be great if they could also cook a batch of their food on an electric hotplate so that they can compare the solar electric energy intensity to the grid electric intensity. For both cases, it would be good of the collected the following data, I think:

- (1) type of food cooked
- (2) grams of resulting cooked food.
- (3) watt-hours of electrical energy.
- (4) total cooking time.

If we get this for different dishes for both solar and grid electricity, then we should get a good idea on the grid to solar efficiency ratio which can have a big impact on potential carbon finance.

Thanks.

-RVB