

March 18. From RVB

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

From Pete

I put this suggestion on the timeline for next Wednesday. Agustina today bought 5 solar panels from MLSolar: 167W, \$40 each. We'll be cooking next week.

Pete

March 19. From RVB

Thanks!

If all goes well, we hope to start pilot sales of the solar systems for \$25 to \$35 each. The systems will cost us about \$80 each. People then will be able to purchase add-ons at a more or less profitable price. \$15 for lights. \$10 for a charge controller, \$20 for a battery, \$15, \$15 for an DC to AC converter, \$40 for an extra panel, etc.

I will be making new design variants of the cooking pot over easter weekend. We will see which variant cooks best next week.

Today is very cloudy here.

-RVB.