Bio 139 Week 5: Microbial Fuel Cells
***Answers to Questions due 10/18/06***

Questions.
1. What kind of energy are the bacteria in the article making from sugar?

2. List the four carbohydrates the bacteria were able to use as food sources.

3. *Rhodoferax ferrireductens* use what metal as the terminal electron acceptor in its respiration?

4. What is currently the major shortcoming of microbial fuel cells, which makes it unlikely they will replace our large-scale electrical grid?