

Economics Interview

December 10, 2019

1. What is a Marginal Abatement Cost Curve.
 - (a) What does it measure?
 - (b) What are the units on the two axes, in the application to green house gas reduction?
2. The MAC is ordered from least to greatest. What assumption does this ordering reflect?
3. Using the data in Figure A, what would the total cost of abatement curve look like?
4. Using the Equation in Figure B:
 - (a) Is the TAC continuous?
 - (b) Is it at least once continuously differentiable? [What does it mean to be continuously differentiable]?
5. What is a static abatement cost? How does this differ from a dynamic abatement cost?
6. What are the static and dynamic costs of electric vehicle charging points?
7. [If needed] Why are radical – decarbonization by 2030 – policies hard to implement?