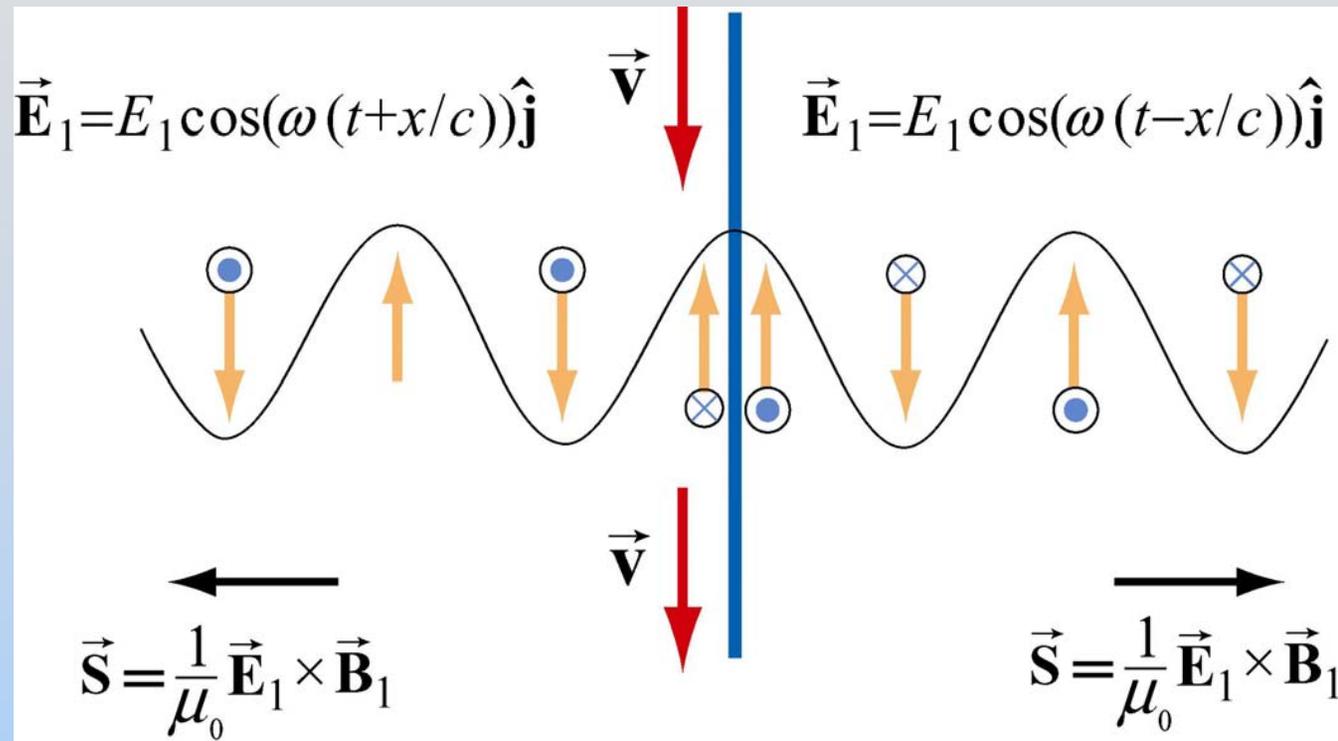


# Group Problem: Energy in Wave



You Found:  
 $B_1 = \mu_0 \sigma v / 2$

- 1) What is total power per unit area radiated away?
- 2) Where is that energy coming from?
- 3) Calculate power generated to see efficiency