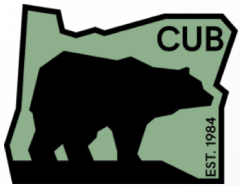
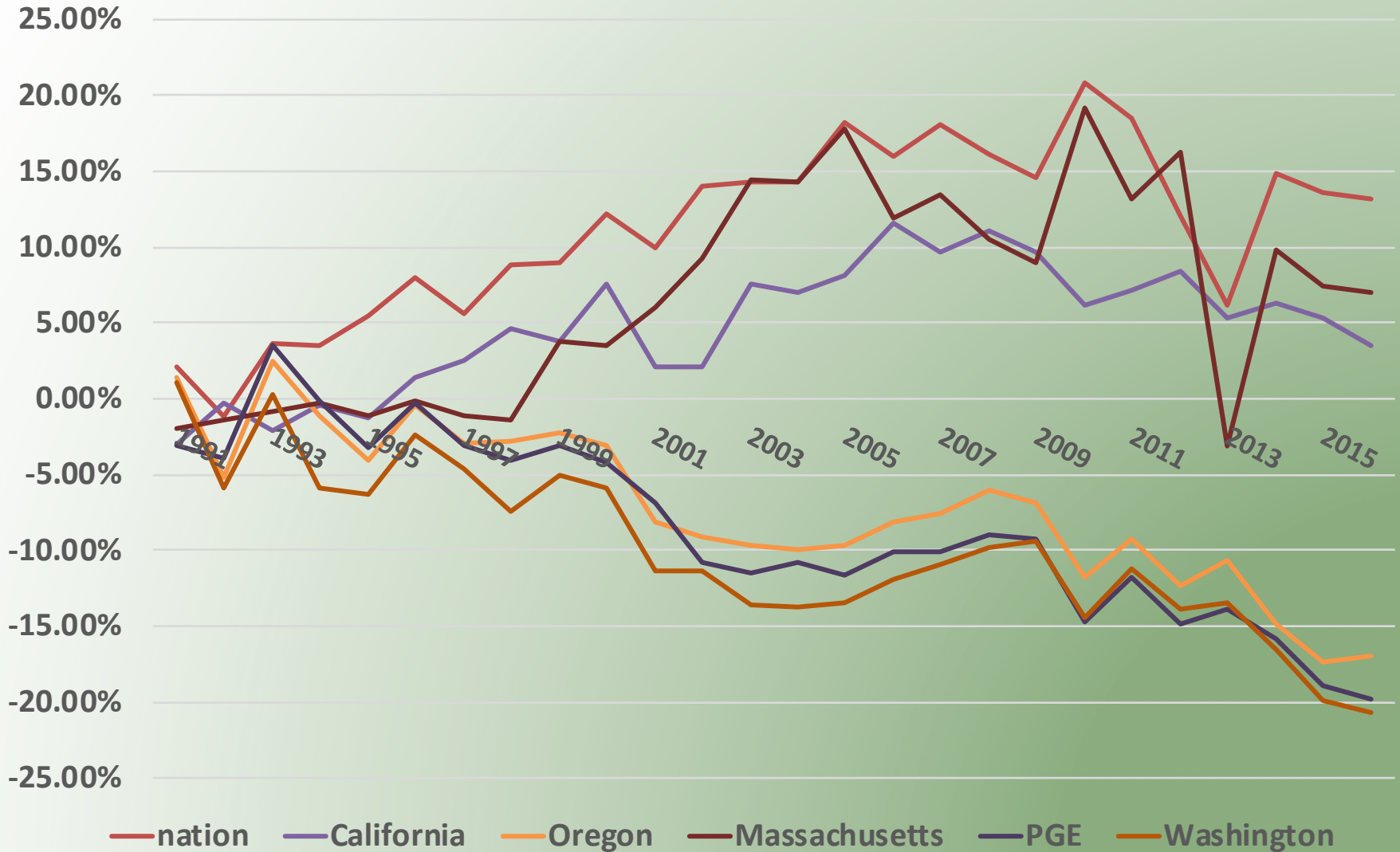


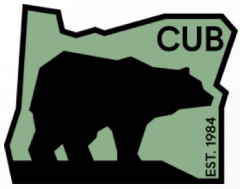
# Engaging Customers In Energy Management

Bob Jenks  
Executive Director  
Oregon CUB  
[www.oregoncub.org](http://www.oregoncub.org)

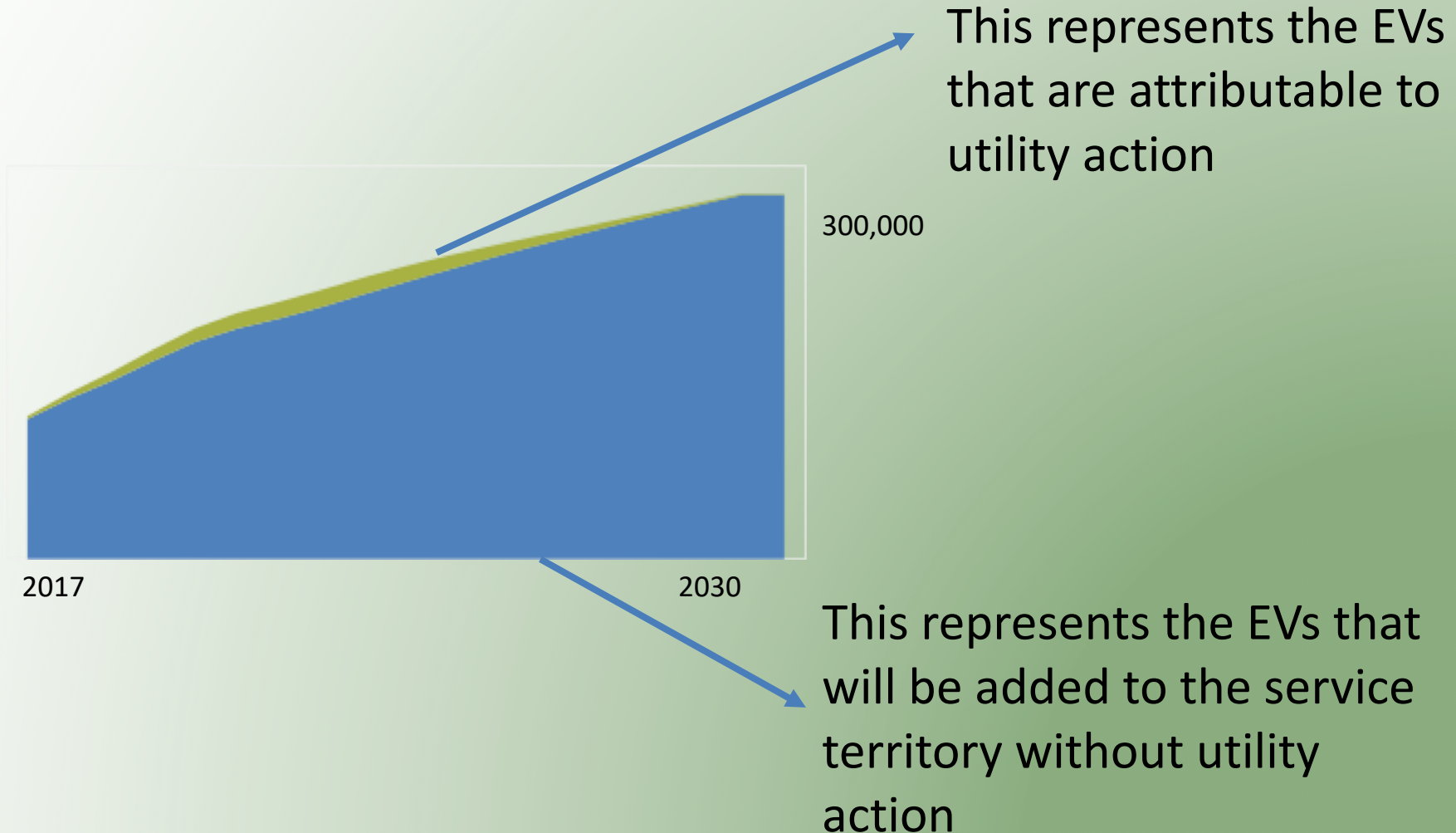


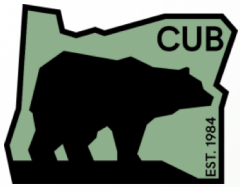
# Change in Average Household Electric Usage Since 1990





# Utilities should focus on total EV load





# Cost Effective Utility Investment Line Extension Analysis

Investing In EV Connection to Grid  
\$588 investment/EV  
\$58 million/100,000 EVs

