

SESSION 9A

MEASURE LIFETIMES

Moderator: Don Flynn, Northeast Utilities

PAPERS:

Updated Measure Lifetime Estimates: EULs Based on 10 Years of Studies

Lisa Skumatz, Skumatz Economic Research Associates, Inc.

Scott Dimetrosky, Quantec, LLC

Energy Savings Lifetimes of Measures: Will the New European Harmonized Lifetimes Account for Less Energy Savings Compared to the Policy Induced Energy Savings Measures?

Harry H.J. Vreuls, SenterNovem

Piet G.M. Boonekamp, ECN

Harold J.M.B. Pauwels, NEN

SESSION SUMMARY:

This session focuses on measure lifetimes, an inherently important determinant in lifetime energy savings and cost effectiveness of energy efficiency measures. Two papers will be presented in this session. The first paper is based on studies performed in the United States, while the second paper discusses alternative measure lifetime strategies in the European arena. The presentations, each discussing contrasting perspectives from experiences in different markets, promises to set the stage for interesting dialogue among authors and session attendees.

Lisa Skumatz and Scott Dimetrosky will begin the session with a presentation of their paper entitled, *“Updated Measure Lifetime Estimates: EULs Based on 10 Years of Studies”* which lays out findings from a project conducted for the California Public Utilities Commission. The project identified real-world lifetimes for numerous residential and non-residential measures from an exhaustive review of data from more than 100 retention/lifetime studies. The authors will share consolidated recommended estimated useful lifetimes based on a statistical analysis of data from those studies.

Next, Harry Vreuls, joined by his colleagues Piet Boonekamp and Harold J.M.B. Pauwels will present a European perspective on lifetimes in their paper, *“Energy Savings Lifetimes of Measures: Will the New European Harmonized Lifetimes Account for Less Energy Savings Compared to the Policy Induced Energy Savings Measures?”* Energy efficiency metrics for the 27 European Union (EU) member states, including measure lifetimes, are undergoing change. Vreuls and his colleagues will discuss the impacts these changes have on lifetimes and energy savings. Options available to EU members, including harmonized and country-specific lifetime figures, will be discussed and contrasted.

The Measure Lifetimes session will conclude with ample time for an interactive discussion and question and answer period among the authors and session attendees.