

S01-04 “EPRI’s U.S. Roadmap of the Future”

Mr. Don Baker Mr. Mark G. Lauby
(EPRI, USA)

Abstract

The focus of this presentation will be to imagine our world 25 years from now with large numbers of non-polluting electric vehicles in our transportation system, closed-looped industrial processes that greatly reduce waste, microprocessors running everything from the smallest appliance to the largest factory, and renewable energy giving access and a higher standard of living to millions of people who would otherwise not have electricity.

The basis of the vision is the EPRI Electricity Roadmap. The electricity industry has developed an U.S.-based Electricity Technology Roadmap as an ongoing collaborative exploration of future electricity-based innovation. So far, the Roadmap has engaged leaders in over 150 organizations to shape the vision of these new opportunities. The Roadmap can be used to launch our imaginations out through the next 25 years and beyond to envision the opportunities for electricity to serve society in new ways. The goal of this review is to illustrate the results of this effort and invite others to deploy it as a starting point for developing an Australian version of the Roadmap.