Technology Roadmapping for Clean Energy

Abstract:
We have adopted technology roadmapping in the Northwest US for providing a direction to R&D investments towards the goals of the recent power plan. This seminar will review our experience in developing technology roadmaps and developing the processes for them through our experience in the NW US. Bonneville Power Administration’s (BPA) Technology Innovation Office has been the critical partner in this journey. With BPA and other partners including Northwest Energy Efficiency Alliance, back in 2010 we worked on an updated version of the NW Energy Efficiency Technology roadmap. Recently Technology Executive Committee of the United Nations Framework Convention on Climate Change referenced the Energy Efficiency Technology Roadmap as an example of a "good practice" roadmap. Energy Research Power Institute (EPRI) has joined the effort recently and the roadmap was promoted to be the National Energy Efficiency Technology Roadmap. We are also working with BPA and EPRI on other technology areas including Transmission technologies. We will provide examples of such applications.