



High Impact Technology Exchange Conference

Educating America's Technical Workforce

Fairmont Scottsdale (Arizona)

July 19–22, 2009

Title: Session P4: Technician Roles in Energy and Energy Utilization

Date/Time: Wednesday, July 22, 10:30 AM – 12:00 PM

Location: Fairmont Scottsdale Resort, Salon Princesa

Description: Significant growth in renewable energy industries is projected over the next ten years. This growth will result in new technician jobs. Cross-training of technicians employed in related fields can provide a portion of the resources to staff these new jobs. Some of the jobs will require new technicians educated in related fields that are augmented to accommodate new technologies.

In addition, studies project more than 30% of current U.S. energy consumption could be reduced within 10 years through energy-conserving/utilizing innovations in fields such as solid state lighting, alternate fuels, building design, HVAC and smart grids. Developing these measures will require new knowledge and skills for technicians.

This session will present the technical aspects of energy sourcing and utilization in the targeted fields and will include a discussion about innovative courses, curricula and delivery systems to prepare new and employed technicians.

Facilitators:

Dan Hull, OP-TEC

Michael Lesiecki, MATEC



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