

Group E

Prioritized Needs and Solutions

- ***Need: New thermoelectric cooling technologies that use less water per unit of energy produced***
 - DOE provides rate-relief/pre-approval/federal incentives for implementation of these technologies
 - Need more first-commercializations and demonstrations of these technologies

- ***Need: Integrated effort for conservation***
 - Federal regulations or incentives on use of efficient technologies (e.g., compact fluorescence lights)
 - DOE supports water star (which is in its infancy; EPA program) and something like a food star
 - DOE provides requirements and/or incentives for standardized energy-efficient systems to be used by commercial and residential customers
 - Compile case studies of successful conservation programs (e.g., evapotranspiration monitors for irrigation) so that public utilities, commercial entities, and residences can see what's available

- ***Need: Connected Science & Decision-making***
 - DOE holds workshops for decision-makers and supports meetings between scientists and decision makers
 - DOE provides more educated translational (interdisciplinary) scientists that can integrate water and energy science with decision makers.