



## Energy Asks 2011

### Clear US Energy Strategy and Policies

- Accelerate Colorado supports the development of a comprehensive long-term energy strategy for the nation which realistically addresses our demand for energy, with clear policies that thoughtfully reflect the full range of energy resources and production.
- Accelerate Colorado supports the federal government promoting organizations, facilities, projects and public private partnerships that are specifically designed for the advancement of promising energy technologies, from the lab into the field, to prove production at scale, long-term reliability and management of life-cycle costs.

### National Renewable Energy Laboratory

- Continue strong delegation support and full funding for the campus build out planned for the National Renewable Energy Laboratory (NREL) in Golden, CO.
- Please continue to provide NREL with the federal funding it requires to meet its ambitious agenda and especially for the Energy Systems Integration Facility (ESIF).
  - ESIF is part of NREL's "Campus of the Future." Investments must be made on an annual basis to keep plans for the Campus of the Future on track.
  - ESIF will help accelerate the introduction of critical new technologies into the nation's markets and electrical grid.
  - This facility integrates NREL's capabilities in buildings research, distributed energy; electrolysis, power electronics, grid and micro-grid support applications, solar systems, hydrogen systems, renewable communities, and related modeling and simulation activities into one new state-of-the-art facility.
  - The ESIF will enable researchers to investigate a variety of integrated systems, from individual technologies such as a fuel cell or other hydrogen-based systems to energy use, electrical interconnections, and systems in a building or in a community.
  - The ESIF will also provide dedicated space for NREL's scientific computing capabilities.
  - The ESIF will enable testing and evaluation of complete systems that will ensure that the technical and financial risks faced by U.S. industry are reduced.