ACCELERATE COLORADO

D.C. 2010

Energy Asks

Aurora Campus for Renewable Energy and SolarTAC

- Please request funding for water infrastructure at the Aurora Campus for Renewable Energy.
    - We support the request for funding of $2,000,000 to build basic infrastructure at the site, including water wells, a fire protection tank/pump system, and septic system.
    - The first project underway at the campus is SolarTAC (Solar Technology Acceleration Center) a 74-acre project slated to be one of the world's largest commercial solar test facilities. It is a place where energy companies and scientists will share the site to test, validate and demonstrate new solar energy technologies as well as fully integrate solar systems before commercial deployment.

National Renewable Energy Laboratory

- Continue strong delegation support and 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.