

Technical Assistance Request:

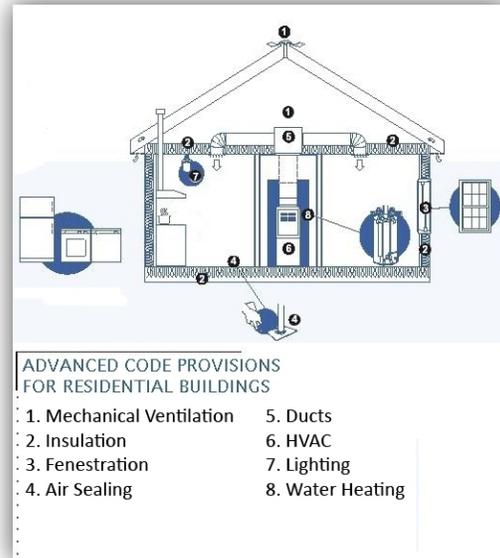
Community: Delaware's Green for Green (G4G) program

Request: Asses technical options for an energy retrofit standard that exceeds the state's baseline building code, which is the International Energy Conservation Code (IECC).

Technical Assistance Provided: The Pacific Northwest National Laboratory (PNNL) compared the National Green Building Standard (ICC 700-2008) and the Leadership in Energy and Environmental Design for Homes (LEED-H) standard to the residential provisions of the 2009 IECC to determine whether these standards would result in homes being built to more energy-efficient levels.

Outcomes:

- 1) **Report** - PNNL found that adherence to either standard would yield more efficient buildings than adherence to the 2009 IECC levels, or in other words, there would be a 30% improvement over Delaware's current code.
- 2) **Adoption** - Delaware's G4G program incorporated both building code provisions into their updated program guidance, ensuring energy savings beyond the existing code for the program.
- 3) **Replication** - This request was leveraged by sharing the report with Kentucky, who requested a similar comparison of building code standards to inform the Kentucky Board of Housing and Construction's consideration of approving the 2009 IECC residential codes.



Examples of energy efficiency measures in homes
(Source: Building Codes Assistance Project)

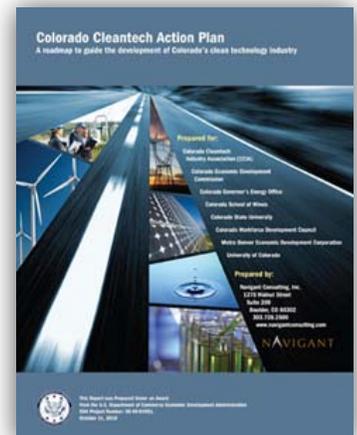
Technical Assistance Request:

Community: Colorado Governor's Energy Office

Request: Assist in energy planning activities, including meeting facilitation and participation in the Cleantech Action Plan Steering Committee meetings; collection of best practices from other state and local energy plans; and help identifying key stakeholders to engage in the planning process.

Technical Assistance Provided: NREL developed and presented a comprehensive list of best practices, actions, and policies from other state and local energy plans that fit with the steering committee's goals for the wind, solar, smart grid and bio-derived sectors.

Outcome: The final Cleantech Action Plan incorporated many of the best practices suggested by NREL, and included a list of those best practices and NREL's assessment as an appendix to the plan.



The Colorado Cleantech Action Plan
(Source: Colorado Cleantech Industry Association)

Technical Assistance Request:

Community: Big Pine Paiute Tribe of the Owens Valley, California

Request: Examples of and best practices from other successful tribal energy plans so that the Big Pine Paiute Tribe could better inform and develop their own tribal energy plan. Within this plan, the tribe hoped to create energy development and transmission programs that honored its sovereign governmental status. The tribe emphasized that land rights should not be infringed upon by changes in the energy industry. Moreover, they wanted to ensure that the tribe's cultural resources and fish, wildlife and treaty resources were not harmed by energy operations.

Technical Assistance Provided: NREL's Tribal Energy Program provided direct technical assistance to the Big Pine Paiute Tribe. NREL coordinated several conference calls with the tribe's planning team to understand their specific planning needs in order to gather the most suitable examples of other energy plans and recommendations for best practices and action items.

Outcome: NREL was able to suggest several best practices for the tribe to incorporate into their energy plan and provided links to helpful resources and energy plans prepared by other tribes. The Big Pine Paiute Tribe has incorporated several of the examples and recommendations provided by NREL into their draft energy plan, which is intended to be a statement of long-range actions and policies to help guide the future of the tribe's energy use.

More information specific to tribal energy planning and links to feasibility study reports are available on the [U.S. Department of Energy's Tribal Energy Program website](#).



The Big Pine Paiute Tribe's seal depicts the high value the tribe places on the earth's resources. (Source: Big Pine Paiute Tribe of the Owens Valley)