

Hello! On behalf of the US Department of Energy and the National Renewable Energy Laboratory (NREL), we would like to invite you to the Colorado Hydropower Roadmapping Workshop.

This free workshop will be held in **Golden, Colorado** on **Tuesday, March 29, 2016 beginning at 10 am local time**. The workshop coincides with, but is not formally part of, the National Hydropower Association Southwest Regional meeting being held in Denver on March 30th.

At the roadmapping workshop, NREL will provide informational presentations about the RAPID Toolkit project. Participants will then work collaboratively to refine draft flowcharts (roadmaps) describing the licensing/permitting processes applicable to hydropower projects (traditional dams, pumped storage, and small hydropower) and provide insight to the hydropower development process in Colorado.

With both hydropower relicensings and new hydropower projects on the horizon in Colorado, the RAPID Toolkit is an easy online tool that helps explain the licensing and permitting process. We appreciate your assistance in building this useful tool.

BENEFITS TO AGENCIES AND INDUSTRY

- Save agencies time in explaining permitting processes to industry and personnel.
- Facilitate communication within and between agencies and industry.
- Help in training new staff and in documenting procedures.
- Access to an online wiki-based database, which is accessible and editable at any time.

Following this workshop, there will be an optional tour of the National Renewable Energy Laboratory that will be made available to all attendees of the NHA southwest region workshop (you do not need to attend the RAPID workshop to take the tour). More information on this is provided below.

MEETING DETAILS

When: Tuesday, March 29, 2016 from 10:00 am to 2:00 pm (**Lunch will be provided**).

Where: The National Renewable Energy Laboratory, 15013 Denver West Parkway
Golden, CO 80401

Purpose: The National Renewable Energy Laboratory roadmapping team has been working with agency representatives to develop draft flowcharts describing Colorado's hydropower permitting processes. The workshop will give agency representatives, industry members, and others an opportunity to review the flowcharts and provide targeted feedback. Ultimately,

having an accurate characterization of the current permitting roadmap is essential to identifying any areas for improvement.

For more information about this effort and to view draft flowcharts and narratives, please visit: <http://en.openei.org/wiki/RAPID>. Click on the hydropower icon and search the flowchart library.

OPTIONAL TOUR OF NATIONAL RENEWABLE ENERGY LABORATORY, GOLDEN, COLORADO

The 2-hour NREL tour would include an overview of the NREL campus followed by a tour of the Research Support Facility as well as the Energy Systems Integration Facility as described below.

- The Research Support Facility (**RSF**) is the nation's largest ultra-energy efficient building and a prototype for the commercial building industry. The RSF is designed to use 50% less energy than conventional office space built to code at a comparable cost. Design features include passive energy strategies and renewable energy technologies.
- The Energy Systems Integration Facility (**ESIF**) is central to the future of NREL and the nation. It will resolve issues associated with transforming the electrical grid and adding new renewable energy generation systems, reducing the risks of new technology adoption.

For access to the NREL campus, visitors are required to show government-issued photo identification (for example driver's license, passport, or military ID). If you are not a U.S. Citizen, a Foreign National Data Card (FNDC) Form must be *completed and approved prior* to your visit for you to have access to the site. More information will be forthcoming upon your RSVP.

TO RSVP

Please RSVP to Kelsey Rugani (krugani@kearnswest.com, (415) 391-7900) by COB, Monday, March 1st. If you have any special food preferences or are a foreign national, please note that in your RSVP (note: foreign nationals will be given a form to be completed and submitted to NREL in advance of workshop). Also, please note if you will be participating in the optional tour following the RAPID workshop. Again, you are more than welcome to participate in the tour if you are unable to make it to the RAPID workshop.

Also, please forward this email to colleagues and others who you think would be interested or have particular expertise in this area.

Thank you and we hope to see you on NREL's Golden campus on Tuesday, March 29, 2016!