

Nevada Energy Code Collaborative Meeting Minutes

January 23, 2023

Recording of meeting: <https://vimeo.com/793698981>

Welcome and Introductions!

NV Energy New Construction Program (Circuit Rider Program) (03:45 in the video recording)

Robert Burgy with (CLEAResult) NV Energy's Residential Codes and New Construction program provided a presentation on the new residential program and circuit rider services they will be providing. Robert provided a summary of the program, the application process, working with Energy Raters, the 2023 plans and the program staff were introduced to the collaborative.

The new construction program, 4 units or less, provides incentives, education and assistance to homebuilders. Incentives start at 10% above the local building code and go as high as a \$500 incentive if the home is 25% above the codes efficiency. Homebuilders will partner with an Energy Rater and the program also supports enrolling Energy Raters into the Powershift program.

For education the program maintains for training in the trade ally portal. The portal is available at www.nvenergy.com/newconstructionrebates. Within the portal is also industry education and monitors changes in the industry to share with homebuilders, energy raters and other stakeholders. The program also supports education with codes to assist the homebuilding industry better understand construction practices that lead to energy efficiency. This training will be targeted at including educational events to better understand the energy code.

The program also supports the home building industry with marketing materials for home buyers. Program staff is distributed across the NV Energy territory with Van Johnson, Program Manager (NV Energy) and Robert Burgy located in southern Nevada and Andrew DuMond located in northern Nevada.

DOE Residential Field Study – analysis complete (22:30 in the video recording)

Shaunna Mozingo, Mozingo Code Group (MCG) took the group on a tour of the U.S. DOE/PNNL site for field study data. The webpage includes data from all residential field studies where PNNL performed the analysis for the study. The data can be found at <https://public.tableau.com/app/profile/doebecp/viz/ResidentialEnergyCodeFieldStudyDashboard/IntrotoFieldStudies>.

The results are statewide and do not break out the data for regional or the municipal level. As part of the study there were key areas of a building to collect data as DOE has shown key measures for energy savings in the ceiling, wall, building tightness, duct tightness, windows, lighting, and foundation. Other data was collected such as insulation installation grades but this data is not available in the study. (Example in another state study that MCG lead they collected electric panel size)

Shaunna showed how the user can highlight and view different installation values, characteristics and so-forth. The tool was developed using the Tableau tool that produces this data and is completely interactive to the user. The data collected and analyzed by PNNL is compared to the Prescriptive requirements in the code. Shaunna emphasized where building occurred using the performance path the data may not align in those key jurisdictions. Nat from the homebuilders noted the majority of new construction in Southern Nevada use the performance path and will have lower ceiling insulation values than the prescriptive table. The DOE methodology takes this into consideration and aggregates data to the state level. (It is recognized that in some locations in the state the data will not represent current construction practices and this is most likely seen in the ceiling insulation requirements in the energy code.)

The MCG team will be starting phase 2 of this study which includes energy code training from the findings. The MCG team is aware of the compliance pathway primarily used in different areas of the state and can tailor the training based on their findings.

Nevada Circuit Rider and Training Phase of Residential Field Study (44:00 in video recording)

Shaunna Mozingo, with MCG, reminded everyone of the benefit of the circuit rider program in the state that supports, building officials, builders, design professionals, trades and so-forth with energy code questions and support to design and construct buildings to meet energy code requirements. The circuit rider service is available for commercial and residential construction.

Information on the circuit rider program can be found at the Governor's Office of Energy's website -

https://energy.nv.gov/Programs/Building_Energy_Codes/Nevada_Energy_Code_Circuit_Rider/. And the circuit rider can be reach via email at nv.circuitrider@gmail.com

DOE Residential Field Study Training Phase (46:30 in video recording)

Eric Dilello, NORESKO/MCG Team will be point on the phase of the code study. The goal will be to improve compliance and the training will be provided both virtually and in-person. There will be two kickoff meetings: one in Northern Nevada and the other in Southern Nevada.

In person trainings will be provided as follows:

- Southern Nevada: 5 – two-hour trainings, 6 four-hour trainings
- Northern Nevada: 2 – four-hour trainings

Virtual trainings will be provided as follows:

- 5- two-hour trainings, 2 – four-hour trainings

Also available under phase two will be Spanish materials. And a training request form is available to request in-person training and locations.

<https://surveymonkey.com/r/NASEOrequest>

Upcoming EduCode Annual Training (53:30 in video recording)

Les Lazareck, Home Energy Connections, was instrumental in getting an energy track included in Educodes. A decade ago, the annual training had a full week of energy codes and standards training. A full track of energy code sessions is again offered in 2023.

<https://educodes.us/wp-content/uploads/2022/09/EduCodeBrochure2023.pdf>

There will be training classes for commercial and residential buildings and from water efficiency to HVAC design. There are two tracks for the 2023 EduCode, one in-person in Southern Nevada and the other track running simultaneously will be virtual. Four of the live sessions will be part of the virtual track with an additional session on residential modeling and compliance rounding out the virtual week of training. CEUs from ICC will be available and PDHs are also available for the Nevada State Board of Architecture.

ICC Updates (1:02:30 in video recording)

Susan Dowty, ICC, Government Relations Manager, Stella Carr, ICC's Energy and Resilience Project Manager provided an update on activity at ICC from training to upcoming funding opportunities. Susan provides a monthly update from the ICC governmental relations team. To view the monthly update go to <https://www.iccsafe.org/advocacy/gr-monthly-update/>. You can also be added to the email list Susan sends each month. Send an email to Susan asking to be added to the distribution at sdowty@iccsafe.org.

Upcoming in May is Building Safety Month. This year's theme is "building safety is" and info can be found at www.buildingsafety.org. Susan reminded us that all codes can be freely view at <https://codes.iccsafe.org/>. Subscription services are also available on the same page. There is also a 14-day free trial for the codes. Other upcoming items include the ICC Spring Interchange in Tampa, FL in April/May and the annual conference will be St. Louis October 8 – 11.

Stella Carr, scarr@iccsafe.org, will be leading efforts at ICC around federal grants around code adoption and implementation to support members and jurisdictions. There are several funding opportunities available now such as EECBG, US DOE – RECI, BRIC and

FEMA. To explore potential grants available, you can reach out to Stella.
www.iccsafe.org/federalgrants.

The 2024 I-codes will be released in October 2023 with the exception of the IECC and IRC which will follow in subsequent months. 2024 IECC committee members have heard the publication of this code no later than January 2024.

GOE Updates (1:16:00 in video recording)

Robin Yochum, Governor's Office of Energy, provided an update on activity in the energy office and what's known today about federal funding, state activity and the changes in the office.

The GOE is following and addressing opportunities on two federal funding sources the IJJA/BIL and the IRA. GOE has a page (https://energy.nv.gov/federal_opportunities/) describing these funding opportunities. It will be updated weekly when new information is available. The state is looking at both formula funds – distributed directly to GOE and competitive opportunities.

There are links for state grant opportunities located under the Resources section and there is a link to sign up to receive additional information about IJJA and IRA notices.

The 2023 National Energy Codes Conference is going live and in person again. The conference will be held May 2-4, 2023, in Chicago, IL. Additional information will be sent as it approaches. The conference webpage is located at <https://www.energycodes.gov/2023-national-energy-codes-conference>.

Help select a date for the next meeting in **April 2023**. Please go to the link below and select dates that work for your schedule:

<https://doodle.com/meeting/participate/id/ejYLLgPd>