

Alternative Fuels Subgroup Meeting Notes

Meeting Details:

- Date: September 9, 2022, 1 PM – 2:30 PM

Council Member Participants:

- Doreen Harris
- Rory Christian
- Donna DeCarolis
- Bob Howarth
- Henry Spliethoff (obo Mary Bassett)
- Peter Iwanowicz
- Anne Reynolds

Meeting Agenda/Topics Covered:

- The subgroup reviewed energy use in buildings in Scenario 2 and 3 of the Integration Analysis
- The subgroup discussed recommendations in the draft Scoping Plan related to alternative fuel use in the buildings, electricity, and industry chapters. All recommendations in these chapters are related to research, development, and demonstration.
- Assessment of Buildings recommendations
 - The subgroup discussed the recommendation in the draft Plan that calls for RD&D for low-carbon fuels.
 - The subgroup discussed the potential resiliency benefits of alternative fuel use in buildings and the need to fully analyze and consider public health impacts of any use in buildings in the research agenda.
 - The subgroup agrees that any alt fuel use in buildings would be minimal to address reliability or near-term emissions reductions.
- Assessment of Electricity recommendations
 - The subgroup discussed the recommendation to “explore technology solutions” and understand the way alternative fuels can be utilized for grid reliability.
 - The subgroup recommends additional detail in the RD&D recommendations on the impacts of these fuel uses in other sectors (e.g., agriculture, forestry, waste).
- Assessment of Industry recommendations
 - The subgroup discussed the importance of emissions controls from hydrogen combustion for the research agenda for the sector.
- Next steps and reporting out to CAC
 - All RD&D strategies, including those from Agriculture and Forestry reviewed previously, should consistently require the research agenda to include health impacts, co-pollutants, equity, safety, economic development, and lifecycle GHG considerations
 - Leveraging of federal funds should be consistently stated in RD&D strategies
 - The subgroup will hold a joint meeting with the Gas Transition subgroup to evaluate alternative fuels in the gas distribution system using the assessment criteria.
 - The group discussed the procedures for reporting out to the full CAC.