

**Senator Dylan Roberts
&
Matt Solomon**

Northwest Colorado Energy Initiative

Committee Members

- Bob Rankin (State Senator, ret.)
- Tim Foster (State Rep/ CMU Pres., ret)
- Mike Samson (Garfield County Commissioner)
- Ray Beck (Moffat County, JOLT, Club 20)
- Cody Davis (Mesa County Commissioner)
- Doug Overton (RBC Commissioner)
- Tiffany Dickenson (AGNC)
- Kristi Pollard (76 Group)
- Matt Solomon (Project Manager)

Partners

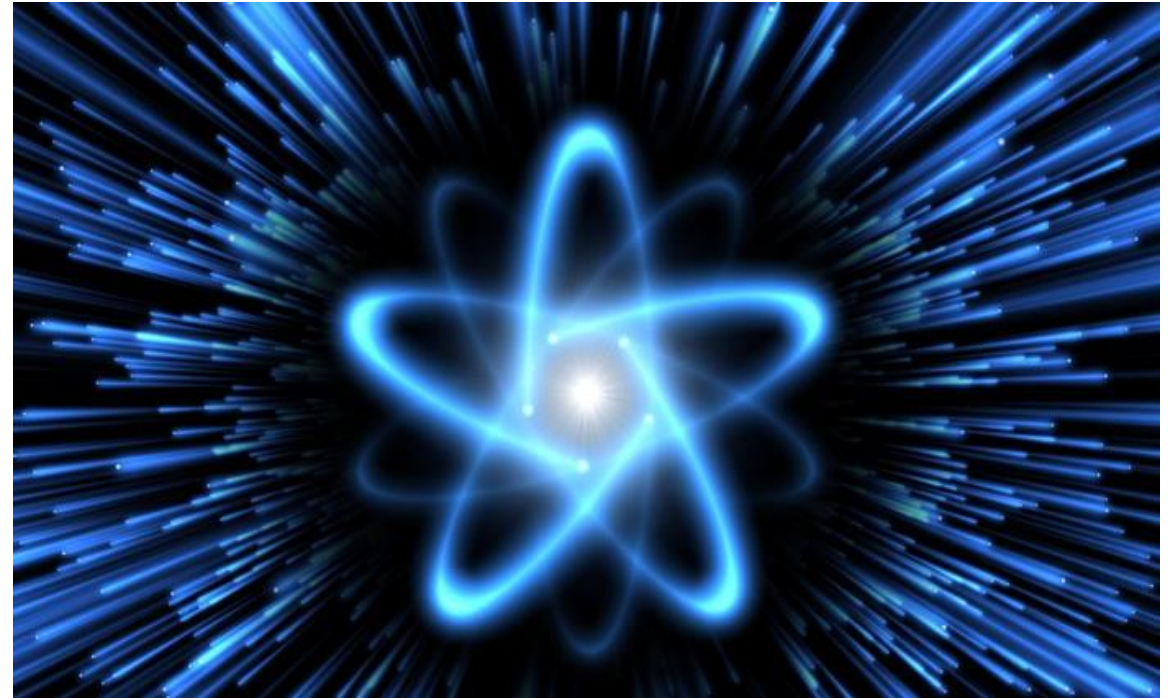
- AGNC
- Colorado Mesa University
- Colorado School of Mines



Objectives

Take the first steps after the JOLT “All-of-the-Above” Summit:

- Investigate the potential of small modular nuclear reactors
- Advance a regional discussion on energy transition options in Northwest Colorado, including nuclear energy.
- Develop partnerships with private industry and government entities.
- Create surveys and conduct polls to establish a baseline of public understanding
- Educate our community on how Nuclear works with other forms of energy to contribution to the sustainability of our region - both economically and environmentally.



HB23-1247: Assess Advanced Energy Solutions In Rural Colorado



- Passed House & Senate nearly unanimously
- Directs the Colorado Energy Office to conduct a study regarding the feasibility of advanced energy development, using existing infrastructure, in Northwest* & Southeast Colorado.
 - *Includes Western Montrose County
- “INCLUDING GEOTHERMAL, CLEAN HYDROGEN, **ADVANCED NUCLEAR**, WIND AND SOLAR COUPLED WITH STORAGE, AND LONG DURATION STORAGE”
- Study is due to be completed on or before July 1, 2025.

U.S. Dept. of Energy

Energy Transitions Initiative

Energy Transitions Playbook

A proven, play-by-play approach to guide community-driven transitions to clean, resilient energy.

[Download Playbook](#)

Resilience

The ability to anticipate, prepare for, and adapt to changing conditions, and to withstand, respond to, and recover rapidly from disruptive events.

I want to.



Convene & Commit

Convene decision makers and commit to an energy transition



Engage & Envision

Engage stakeholders and establish an energy vision



Assess & Plan

Assess opportunities and develop a road map



Prepare & De-Risk

Select projects with input from stakeholders



Execute & Manage

Execute projects and ensure quality control



Operate & Maintain

Operate and maintain energy systems, assets, and programs



Improve & Iterate

Improve processes, reassess opportunities, and repeat phases



Convene & Commit
Phase 0



Engage & Envision
Phase 1



Assess & Plan
Phase 2



Prepare & De-Risk
Phase 3



Execute & Manage
Phase 4



Operate & Maintain
Phase 5

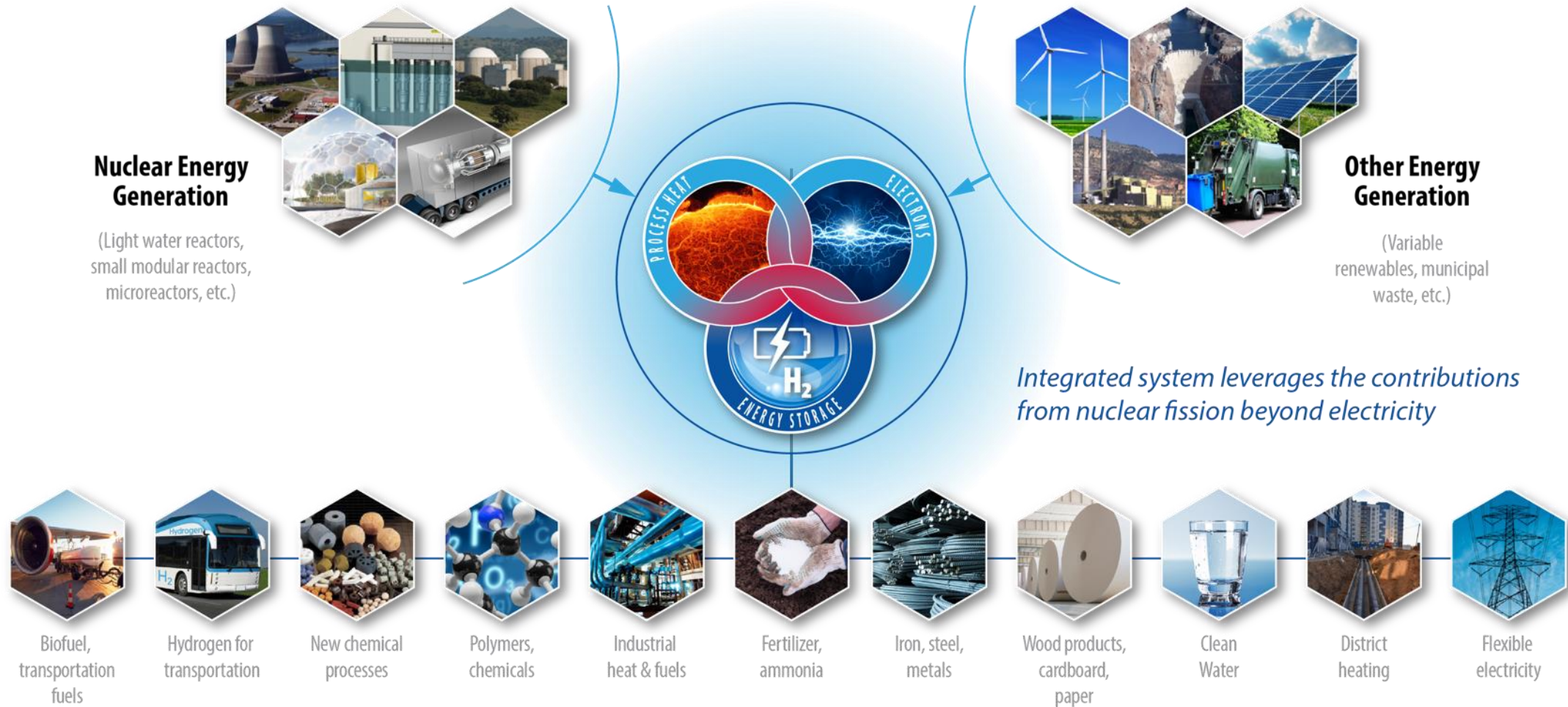


Improve & Iterate
Phase 6

Let's
Compare!

Energy	Clean	Firm	Low Land Use	Low Transmission Buildout	Concentrated Local Economic Benefits	Additional Applications	Cost Competitive Today
Nuclear	Yes	Yes	Yes	Yes	Yes	Yes	No
Natural Gas + CCS	Somewhat	Yes	Somewhat	Yes	Somewhat	Somewhat	No
Coal + CCS	Somewhat	Yes	Somewhat	Yes	Yes	Somewhat	No
Hydropower	Yes	Somewhat	No	Somewhat	Yes	No	Yes
Geothermal	Yes	Somewhat	Yes	Somewhat	Somewhat	Somewhat	Somewhat
Natural Gas	No	Yes	Somewhat	Yes	Somewhat	Somewhat	Yes
Coal	No	Yes	Somewhat	Yes	Yes	Somewhat	Somewhat
Renewables + Storage	Yes	Yes	No	No	No	Somewhat	No
Renewables: Offshore	Yes	Somewhat	Yes	No	No	No	No
Renewables: Onshore	Yes	No	No	No	No	No	Yes

Shifting the Energy Paradigm



Oliver Stone's Nuclear Now Film

5 Licensed showings
secured in Western
Colorado thanks to
AGNC and CMU!



Next Steps

How *YOU* can help *US*
*as we move forward to a
clean energy future...*

Thank you.

Questions?