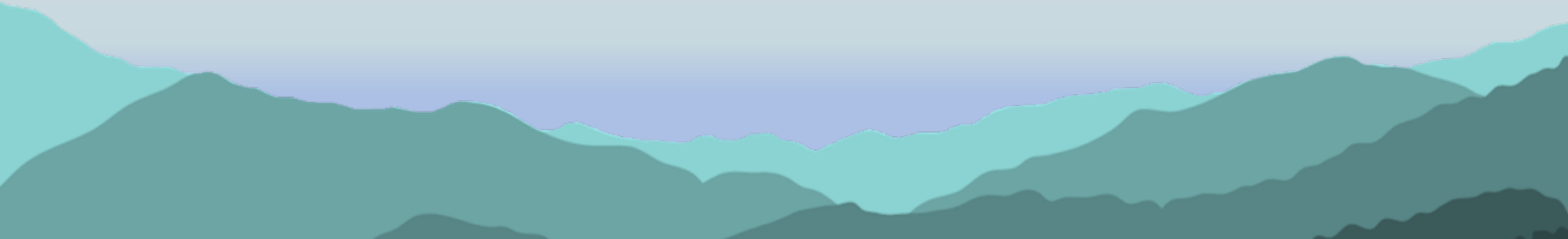


Energy Security & Resilience

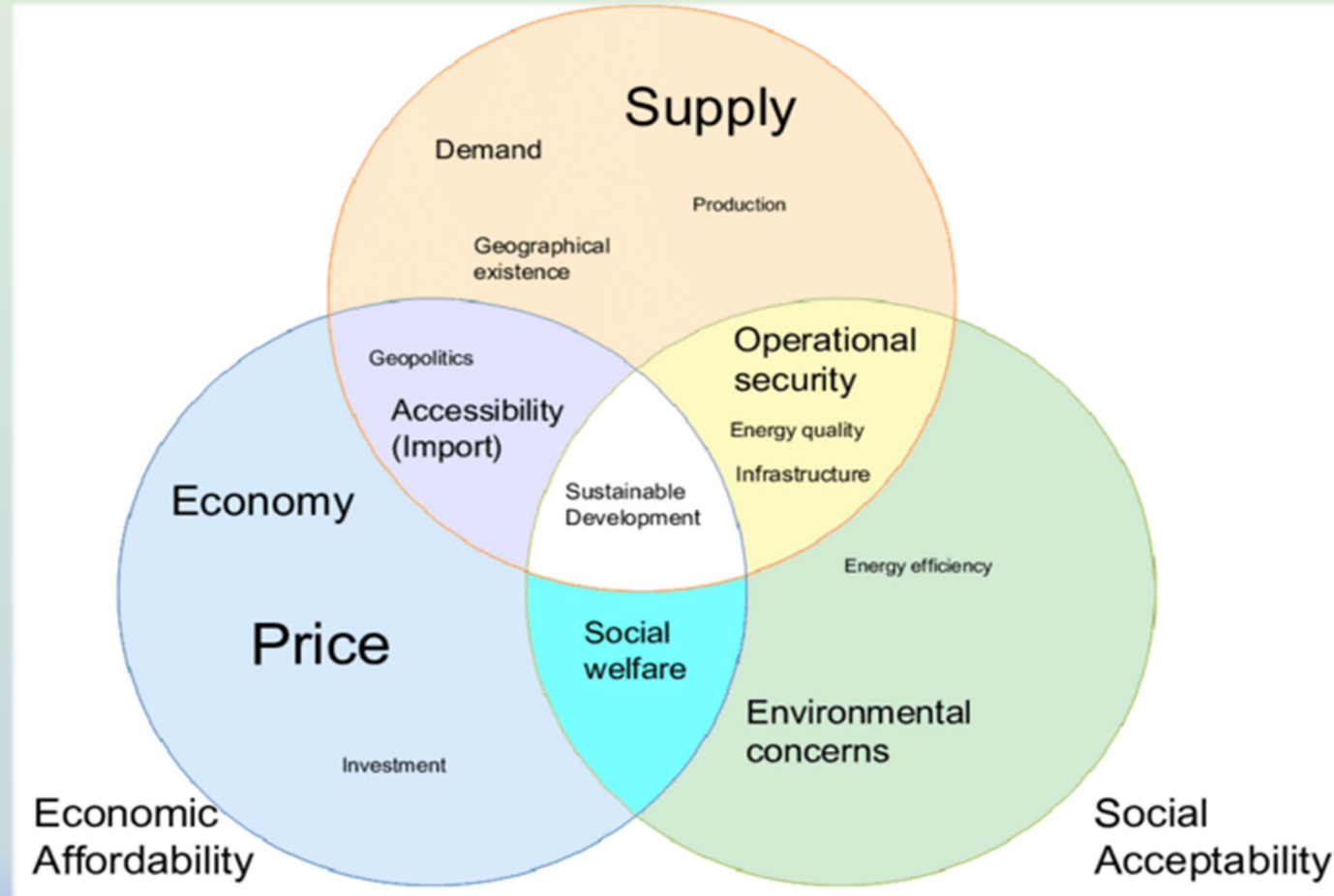
Panelists

- Carolyn Sarno-Goldthwaite, Director of Buildings & Community Solutions, NEEP
- Greg Pavlak, Asst Professor Penn State, Rep. Mid-Atlantic CHP Technical Assistance Partnership
- Kirk Gerdes, Chief of Staff, US Dept of Energy, NETL

Moderator: Karen Lasure, Development Specialist, WV Office of Energy



Energy Security vs. Energy Resiliency



Energy Security vs. Resiliency... cont'd



Energy Security + Resiliency = Energy Assurance

[Energy Assurance](#) involves both responding to energy supply disruptions and working to enhance the resiliency of energy infrastructure, in the longer term.

- **Robust** –operate or stay standing in the face of disaster
- **Resourceful** -- Skillfully manage a disaster once it unfolds
- **Rapid Recovery** -- get back to normal as quickly as possible
- **Learning Lessons** – absorb new lessons that can be drawn from a disaster

Preparedness and Resiliency a Public/Private Partnership

“Two sides of a coin”

- **Plan and Respond** to events that disrupt energy supply and assure a rapid return to normal conditions. This is a coordinated effort involving the private energy sector’s response, augmented by local, state, and federal governments as needed
- **Mitigate Risks** through policies, programs and investments that provide for a more secure and resilient energy infrastructure that also reduces interdependencies impacts





Resiliency in Energy Security

Carolyn Sarno Goldthwaite

NEEP

October 8, 2019

About NEEP

A non-profit, non-partisan organization



Vision

We envision the region's homes, buildings, and communities transformed into efficient, affordable, low-carbon, and resilient places to live, work, and play.

Mission

We seek to accelerate regional collaboration to promote advanced energy efficiency and related solutions in homes, buildings, industry, and communities.

Goal

Assist the Northeast and Mid-Atlantic region to reduce building sector energy consumption 3% per year and carbon emissions 40% by 2030 (*relative to 2001*).

Approach

Drive market transformation regionally by fostering collaboration and innovation, developing tools, and disseminating knowledge.



Resiliency

Bounce back after a disturbance or interruption.



Preparing your Community

Passive Survivability

- Plan!!
 - Communications
 - Community
- Build for the future
 - Energy Codes
 - Location of building equipment
 - Technology changing
 - Need a qualified workforce



Photo:CNN

Build on other policies or work that you are already doing!

Communities:

- [Salem](#) (MA), [North Kingstown](#) (RI), [Guilford](#) (CT)

Resources:

- [20 Good Ideas for Promoting Climate Resilience](#)
- [Returns on Resilience: The Business Case](#)
- [DOE Resilience Resources](#)
- [Webinar: Two Strategies for Success](#)
- [Community Action Planning for Energy Efficiency \(CAPEE\)](#)



NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS

Thank you!

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