

RESILIENCE BEGINS OUTSIDE THE FENCELINE DELIVERING TA TO DEFENSE COMMUNITIES

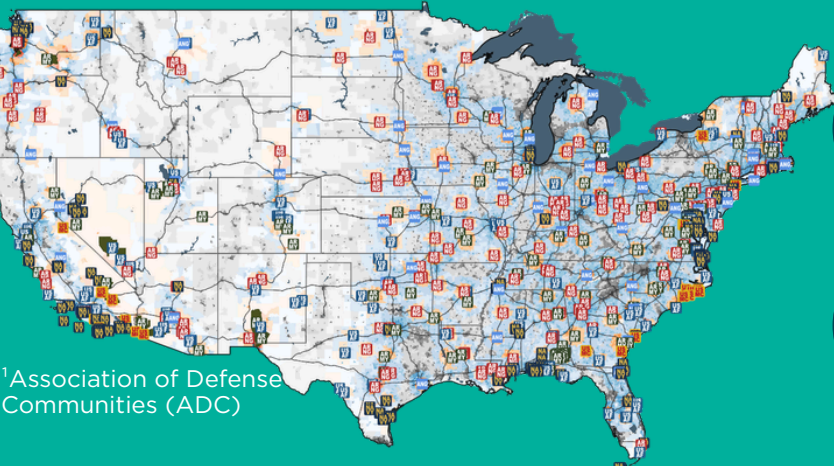


OVERVIEW

Converge Strategies, LLC (CSL) partnered with the National Laboratory of the Rockies (NLR) to identify opportunities to expand or modify Department of Energy (DOE) technical assistance (TA) programs to better **support the unique energy needs of defense communities.**

DEFENSE COMMUNITIES

The towns, cities, counties, regions and states that serve as home to our nation’s military missions, installations and industrial partners.¹



¹Association of Defense Communities (ADC)

500+

More than **500 communities** across the U.S. and territories **host major installations** and missions.

2/3

Two-thirds of military families, and almost all civilian employees, **live off base.**

98%

Military installations rely on the civilian electric grid for approximately **98%** of their power.

“ A 30-year project horizon doesn't mean much to someone living in a community for two years. **Defense communities need to see themselves and their needs reflected in TA opportunities.**”

- National Laboratory of the Rockies, [Energy to Communities Program](#)

DEFENSE COMMUNITY NEEDS

FEEDBACK FROM 2025 ADC INSTALLATION INNOVATION FORUM

Attendees across 25 defense communities gathered on the sidelines of the largest convening for this constituency to discuss how DOE TA programs could better support their energy needs.

PRIORITIES

BACKUP
POWER

RISK
ANALYSES

LOAD
SHEDDING

EVALUATING
GENERATION

BARRIERS TO ACCESS

NATIONAL LABORATORY EXPERTISE IS UNDERUTILIZED

Defense communities primarily work with the Department of War’s (DoW) Office of Local Defense Community Cooperation (OLDCC) and **lack familiarity** with lab offerings.

This leaves an **untapped opportunity for the national laboratories to supply their technical expertise** and resources to advance ongoing project concepts emerging from DoW programs.

RESILIENCE BEGINS OUTSIDE THE FENCELINE DELIVERING TA TO DEFENSE COMMUNITIES



WHERE LABS CAN SUPPORT

The national laboratories can engage with **trusted** local, state, and federal **partners** in defense communities.

1 STATE + LOCAL

Defense communities receive support and advocacy from state and local community organizations, but lack access to technical experts the labs could provide.

2 FEDERAL

DoW programs are not designed to supply the resources and expertise required at every stage in the project lifecycle, leaving gaps where the labs could support.

CASE STUDY

ANCHORAGE, ALASKA

2019 | AIR FORCE - RIGOR

The United States Air Force Office of Energy Assurance (OEA) sponsored Regional Identification of Gaps for Operational Resilience (RIGOR) in the Anchorage, Alaska region surrounding Joint Base Elmendorf Richardson (JBER).

2020 | IDAHO NATIONAL LAB

The RIGOR process produced five project concepts to strengthen regional resilience and address infrastructure interdependencies. The concepts were developed through more stakeholder workshops, with findings from the INL hazards analysis (AHA) tool.

2020 | SANDIA NATIONAL LAB

The DOE Office of Electricity attended the RIGOR workshops and funded a feasibility study through Sandia to explore the Port of Alaska resilience project concept.

2022 | OLDCC - DCIP

DoW OLDCC provided \$5,300,000 to the Municipality of Anchorage, Alaska to support the construction of a microgrid at the Port of Alaska through the Defense Community Infrastructure Program (DCIP).

NEXT STEPS

STATE AND LOCAL SUPPORT

CSL will **engage active state and local defense community organizations** in three states with current community project concepts **to identify replicable opportunities for lab engagement** and support.

FEDERAL SUPPORT

CSL will **facilitate conversations between NLR and OLDCC to identify handoff points** between programs throughout various project lifecycles, **using the Port of Alaska case study** as a foundational model for DoW-DOE coordination in defense communities.

▼ **C-17 Leaves JBER**

SOURCE: DVIDS Hub

FUTURE OPPORTUNITIES

DOE-DoW coordination can increase awareness of agency programs and offerings to better **align existing programs and identify opportunities for new programs.**

