

# PPUA 5264: ENERGY DEMOCRACY & CLIMATE RESILIENCE: TECHNOLOGY, POLICY AND SOCIAL CHANGE

...presents the culmination of innovative and student led, semester-long, collaborative team projects which partnered with organizations to advance energy democracy and climate resilience, by linking social innovations with technological innovation to progress transformative change away from fossil fuel reliance, toward a more just, equitable, prosperous and healthy renewable future for all.

## Service-Learning Team Projects:

**Northeastern Climate Justice Planning, Campus Planning & Development Office**

**Krissy Govertsen, Ilana Hirschfeld, Samuel Lopez, Aubrey Thomas and Emily Leibiger**

Suggests a path forward as the university prepares to move beyond their initial Climate Action Plan towards a Climate Justice Plan, aimed at incorporating environmental and social justice through a university-wide participatory process.

<https://storymaps.arcgis.com/stories/328e49e17348454bb21dbce254719aaf>

**Equitable Building Electrification in MA Team, Rocky Mountain Institute**

**Neal Jiwnani, Miriam Sferrazza, Kristen Chen, and Mengyuan Liu**

Conducting an equity evaluation of the 2019 Solarize Plus Program in Salem and other involved communities.

<https://uploads.knightlab.com/storymapjs/875a43e78c53ae45bd86ca4dfd56ea5a/equitable-building-electrification-programs/index.html>

**Expanding the MA Office of Clean Energy Equity, TSK Solutions**

**Lauren Balsamo, Zachary Gavel, Rachel Joseph, and Eric Litman**

Evaluating Energy Burden and Renewable Energy Isolation in Environmental Justice Communities in Massachusetts.

<https://arcg.is/1eWrWH>

**Green New Deal Proposals, Center for Economic Democracy**

**Alaina Boyle, Graham Leggat, Larissa Morikawa, and Yanni Pappas**

Evaluating GND proposals to assess how they align with national, state, and local level initiatives and proposals and other templates for change being advanced by various governments and organizations.

<https://uploads.knightlab.com/storymapjs/e98b185c4896061b24ce96b4587c438b/gnd-proposals/index.html>

**Community Microgrid Feasibility, Climable**

**Madelinn Harmelink, Hallie Lau, Trisha Parekh, and Gloria Schmitz**

Distilling microgrid feasibility assessments into concise summaries to offer tools and resources that could be used in grant applications, press releases, and as materials for potential investors, contractors, and members of the microgrid.

<https://uploads.knightlab.com/storymapjs/73fb21effa975970c79b4a0fc4e51b7c/energy-justice-community-microgrids-in-ma-the-run-gjc-microgrids-in-chinatown-and-chelsea/index.html>