

8 March 2024

Katrina Kessler, Commissioner
Minnesota Pollution Control Agency
520 Lafayette Road
Saint Paul, MN 55155

Subject: Darcy Solutions support of the State Minnesota's CPRG Coalition Proposal for Equitable Residential Decarbonization (Award Number EPA-R-OAR-CPRGI-23-07)

Dear Commissioner Kessler,

Darcy Solutions plans to partner with the State of Minnesota, including the Minnesota Pollution Control Agency and other state agencies involved in the proposal, to implement the suite of equitable residential decarbonization programs in your agency's proposal.

We are excited to participate in this coalition because we see the work of residential decarbonization happening most effectively as a collaboration between state and local governments with support from businesses and community-based groups. Local government can connect more effectively with individual community members to move forward on individual implementation while state government can more effectively provide backbone support and programming to foster learning and scale impact.

Darcy Solutions is a startup company commercializing an innovative groundwater-coupled geothermal heating and cooling technology developed at the University of Minnesota. We would be thrilled to deploy our technology at resident owned cooperatives because all of the savings will go directly to these low-income clients. Darcy would work on the geothermal component of a larger project that also includes solar, home replacements, appliance replacement, and both deep/ light weatherization projects.

We anticipate participating in the proposed work through active engagement in developing and refining programming to effectively deliver on the purpose of ensuring low-income and disadvantaged communities are centered and prioritized in the work of decarbonizing all homes in Minnesota. At a minimum, this means we will:

- actively participate in the four annual convenings described in the proposal,
- share information and resources from state and local government into the communities we serve to build awareness about programs and home decarbonization opportunities,
- share information from the communities we serve to state program staff and relevant local government staff as part of program development and to improve programming and results over time.
- Contribute in specific ways identified through our engagement with this process and work.

Darcy Solutions is excited about equitable residential decarbonization work because it aligns with our mission to improve the health of our communities and planet. In particular, our organization can bring technical and project execution expertise and experience. We are driven to achieve equitable outcomes, a positive environmental impact, and an excellent experience for the low-income clients we hope to serve through this project.

Sincerely,

A handwritten signature in black ink that reads "Daniel King". The signature is fluid and cursive, with the first name "Daniel" and last name "King" clearly distinguishable.

Daniel King, PhD
Chief Technology Officer, Darcy Solutions