

City of Schenectady Clean Heating & Cooling Implementation Program

Clean Heat Coalition

Team Members includes **Michael Lobsinger**, V.P. of Business & Community Development, **Judy Min**, Chief Product Officer, **Nancy Min**, founder and Chief Executive Officer, from **ecoLong, LLC**. The teams experience ranges from regional economic development, community engagement, energy efficiency and decarbonization community project management, and technology development.

ecoLong, LLC is a women-owned energy technology startup that is committed to building resilient communities by leveraging interconnected technologies through partnership with leading research institutions, smart technology partners, communities, and customers, ecoLong strives to build best in class enterprise-grade technology solutions to actively monitor, optimally control, and intelligently manage energy assets and create grid-interactive and efficient communities at scale.

Target Community: The City of Schenectady

- Founded in 1798 and has a population over 66,000
- Was a manufacturing center known as “The City that Lights and Hauls the World”
- 50.4% Non-White individuals and 49.6% White, Non-Hispanic or Latino individuals
- Median household income is \$55,465, 30% lower than New York State
- Poverty rate 7.8% higher as compared to New York State
- Aging housing stock, 33,000 homes were built prior to 1960

Energy Challenges

- High Heat Index and increased Cooling Degree Days leading to increased energy costs
- Aging and energy-inefficient housing stock
- Social and Economic Vulnerabilities, including poverty, within top 4% of state social vulnerability index.

Clean Heat Coalition Partners

- ecoLong, LLC (Project Lead)
- City of Schenectady: Smart-City Team and Target Community
- Supporting Partners: Better Community Neighborhoods, Capital District Regional Planning Commission, and National Grid,

Proposed is a residential community-centric decarbonization program focused on deploying clean heating and cooling technology into the City of Schenectady’s aging structures or structures with inadequate, inefficient heating and cooling systems with a target of engaging Low to Moderate Income community members and disadvantaged neighborhoods.

