

**HOUSE ENERGY AND  
TECHNOLOGY COMMITTEE**

**HOUSING**VERMONT  
Building possibilities.

# HOUSING VERMONT

Housing Vermont is a nonprofit tax credit syndication and real estate development company founded in 1988.

In partnership with local organizations such as Housing Trust of Rutland County, Champlain Housing Trust in Burlington and Downstreet Housing and Community Development in Barre; we've created over 5,800 units of affordable rental housing across the state.

Raised and deployed \$333 million in private equity, which has leveraged an additional \$435 million in private financing and public investment.

A large portion of the public investment has been from the Vermont Housing and Conservation Board.

Identifying opportunities that will improve the financial and operational health of our current real estate portfolio of 4,000 apartments.

# RENEWABLES

10 Solar photovoltaic systems serving 622 apartments.

21 Biomass heating systems serving 686 apartments.

31 Solar domestic hot water systems serving 756 apartments.

We are also starting to use high efficiency air source heat pumps currently serving 52 apartments.

# APPLEGATE APARTMENTS IN BENNINGTON.



23 buildings, 104 apartments.

Converted from 23 fuel oil boilers to one central wood chip/pellet boiler system.

Reduced heating costs from \$165,000/year to \$50,000.

Data acquired from other buildings in our portfolio informed design team, resulting in 50% reduction of newly planned wood chip boiler, saving \$200,000 in capital costs.

Data is also used to assure optimization on an ongoing basis.

# HV NET METERED SOLAR PV FACILITIES



Ferrisburgh: 500kWH and 150kWH system

Grand Isle: 150kWH system

These ground-mounted solar PV systems are net metered to 477 affordable housing units that are co-owned by HV.

These net metered systems enable HV to direct net metered credits to our affordable housing, resulting in a 10% savings on their electric bill.



# RED CLOVER COMMONS



- Geothermal system to heat and cool a 79,000 square foot building.
- Using energy data to assure optimization.

# EVIDENCE BASED SOLUTIONS

Our energy initiatives are ongoing, we will continue to identify opportunities and use evidenced based solutions to reduce our reliance on fossil fuels and maintain affordability for residents.

Technology and data is providing the evidence we need to confirm the outcomes our work and guide our work in the future.