

# Northwest Ductless Heat Pump Project



Saving Energy and Transforming the Residential Market

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# Overview

- Residential Market Overview
- Pilot Purpose and Accomplishments
- Project Barriers
- Progress Indicators
- Commitment

# Residential Market Overview

600,000 Existing eligible single family homes with zonal electric resistance heat

450,000 Existing multi-family units with zonal electric heat

275,000 Manufactured Housing units with electric forced air heat

## Energy Savings Potential

Single Family	~ 250 aMW
Multi Family	~ 100 aMW
Manufactured	~ 90 aMW
<b>TOTAL</b>	<b>~ 440 aMW</b>

# Pilot Purpose and Accomplishments

To demonstrate the use of inverter-driven ductless heat pumps to **displace electric resistance heat** in single-family homes

## Achievements

- 2100 units installed in over 60 utility service areas by 235 contractors
- 870 contractors oriented representing 565 companies
- 200 installation inspected by our QA team
- 239 consumer surveys completed
- 50 quad meter installed

# Project Barriers

- Market commitment
- Consumer education
- Product availability
- Buy-in on new business model

# Progress Indicators

- Regional uptake
- Positive consumer feedback
- Quality installations
- Market actor support
- Increased press
- Increased installations

# Commitment

- Support efficient technology and market actors partnerships in the HVAC Community
- Increase market share by 15%
- Continued learning
- Supporting evaluation efforts
- Sustaining quality installations
- Laying the foundation for market transformation