VESPER HOME ENERGY · YEAR-ONE REPORT · PROJECT 2025-046

Pell Ridge Farmhouse

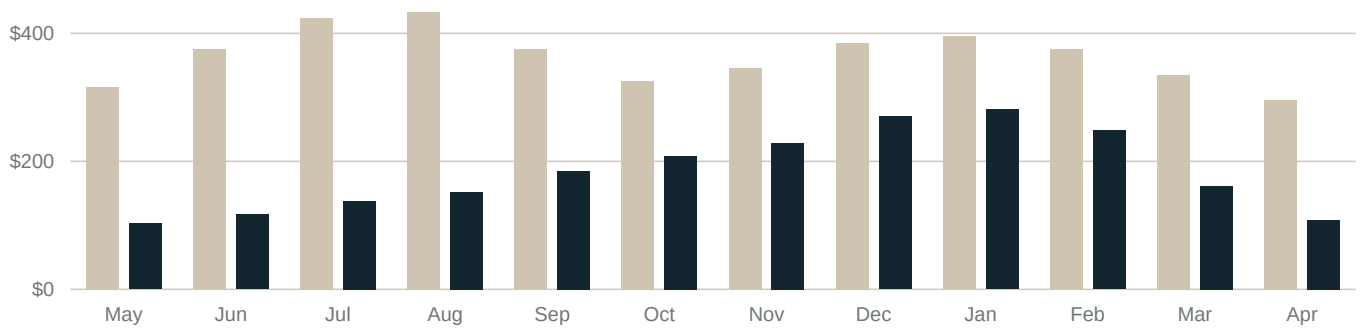
Pell Ridge, North Shore · Year one: May 2025 - Apr 2026 (installed Apr 2025)

SAVED IN YEAR ONE

$2,180

Year before $4,380 · Year one $2,200
Written estimate $2,060 · +5.8%
Diesel not counted, before local incentives

MONTHLY BILL, USD · year before (sand) vs year one (ink)



4 of 4
outages carried, none noticed

24 h 40
off-grid in year one

34%
lowest charge reached

Month 2
diesel generator retired

OUTAGES CARRIED

11 Jul 2025 Wildfire safety shut-off	7 h 30 m · 100% -> 58%
02 Oct 2025 Tree on the rural line	4 h 15 m · 93% -> 70%
14 Feb 2026 The February storm	10 h 50 m · 97% -> 34%
30 Mar 2026 Pole replacement	2 h 05 m · 100% -> 89%

THE SYSTEM

Owners	**The Pell family**
Home	**Farmhouse on a rural feeder, well pump**
Solar	**10.2 kWp, new**
Battery	**2 x 13.5 kWh Whole Home**
Installed	**Apr 2025 - two days**
Warranty	**10 years - 70% capacity**
Payback	**9.1 yrs**

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