VESPER HOME ENERGY · YEAR-ONE REPORT · PROJECT 2025-118

The Kessler House

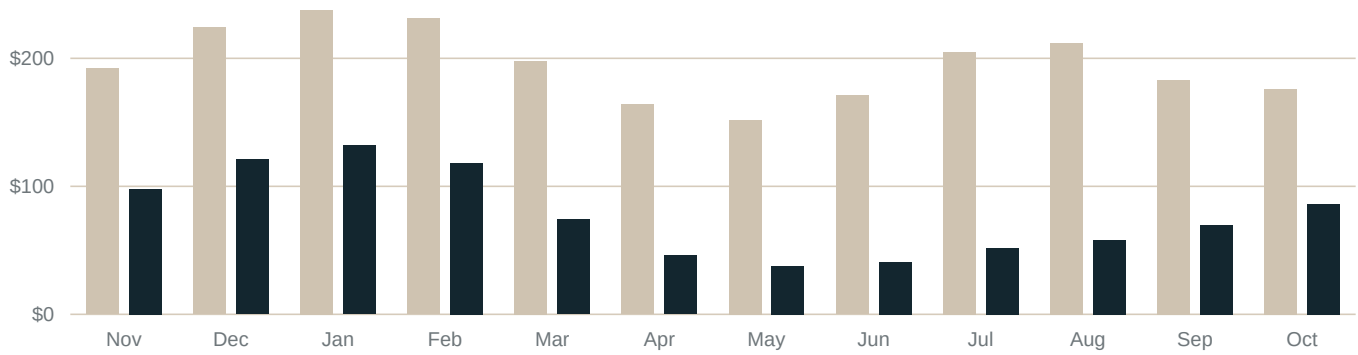
Harlow Lane, Calder Bay · Year one: Nov 2025 - Oct 2026 (installed 14 Oct 2025)

SAVED IN YEAR ONE

$1,412

Year before $2,346 · Year one $934
Written estimate $1,240 · +13.9%
Car charging included, before local incentives

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



91%
of evening use from the battery

3 of 3
outages carried, none noticed

15 h 50
off-grid in year one

18 ms
slowest switch-over

OUTAGES CARRIED

22 Nov 2025 Line fault on the feeder	2 h 05 m · 96% -> 71%
14 Feb 2026 The February storm	9 h 15 m · 88% -> 19%
03 Aug 2026 Planned network works	4 h 30 m · 100% -> 82%

THE SYSTEM

Owners	**Martin & Ilse Kessler**
Home	**4-bed detached, built 1968**
Solar	**7.2 kWp, existing (2019)**
Battery	**1 x 13.5 kWh Whole Evening**
EV charger	**7 kW, surplus-only mode**
Warranty	**10 years - 70% capacity**
Payback	**7.8 yrs, solar + battery**

Metered by the Vesper app and the utility bills. Shared with the owners' permission. · hello@vesperenergy.example · +1-555-0187