Solar + Powerwall Savings for 5 N Meadow Rd

(No EV assumed — just normal home usage)

Our **12.4 kW solar array** produced **9,400 – 9,800 kWh per year** (real Tesla data 2023–2025).

Here's what we actually pay with the solar system + Powerwall:

- Average annual **net grid usage**: **7,530 kWh/year** (Eversource data)
- Total Eversource electric bill (home + EV charging): $1,912 per year
- **Home-only electricity cost (no EV charging): ~$70 per year** — basically free electricity

A similar home without solar in our area uses about **13,500 kWh per year** and pays roughly **$3,400 – $3,800 annually** at current Eversource NH rates (~25 ¢/kWh).

→ Annual savings for a non-EV owner: ~$3,300 – $3,700

Key Facts

✅ **12.4 kW solar panel array** — fully owned (no lease or loan): the system cost us **$29,000**

✅ Powerwall battery is included — a new one costs about **$14,500 installed**

✅ All monitoring app access & maintenance records provided

Bottom line: This home gives the next owner **nearly free electricity** for normal living.

Supporting Documents (available upon request)

1. Tesla Solar Production CSV (Lifetime energy generated — *full file available*)

Year	Solar Energy (MWh)
2023	9.8
2024	9.7
2025	9.4

2. Eversource Electric Bills CSV (Actual net bills with solar)

Average net bill with solar + EV: **$1,912/year**

3. Tesla EV Charging Screenshot (Home charging data)

(Shows 3,564 kWh charged at home for over 12 months