



Stopping drafts and saving 23% on monthly energy bills

Situation

- Home leaked air at three times the normal rate of a home the same size.

Solutions

- Completed whole-house air sealing and air duct sealing
- Added insulation to walls, crawl spaces, and attic
- Fixed faulty venting of furnace flue gases and bathroom exhaust fan

Benefits

- Saving at least 20% on his energy bills
- Felt immediate difference, even with a mild winter
- House stays comfortable, furnace runs much less



The Goodmans

Alex Goodman's house was still drafty even after he had personally done everything he knew to make his home more comfortable. When he found out about home energy efficiency programs through his town, Alex contacted a participating Home Performance with ENERGY STAR® contractor to conduct a home energy assessment. The assessment revealed that Alex's home leaked air at three times the normal rate of a home the same size.

Keeping the heat in

He hired the contractor to complete several recommended upgrades to address the leaks and heat loss. The contractor completed whole-house air sealing and blew insulation into all the exterior walls. Rigid insulation was added in part of the attic so Alex could continue to use a portion of it for storage. The contractor also insulated the crawl space beneath the home and sealed up ducts, so more heat could make it to the intended rooms.

The bathroom ventilation fan was reconnected to go outside instead of simply into the attic. Insulation domes were installed above canister lights and a ceiling fan to cut air seepage.

Around Alex's furnace exhaust flue, the contractor also noticed and fixed crumbling cement, which represented a serious carbon monoxide threat.

Feeling warm results immediately

"Even though we had a mild winter, I noticed the difference right away," said Alex. "I didn't need to keep bumping up the thermostat. The house stayed warmer much longer and was definitely less drafty."

Alex is more comfortable, and saving money. "In the past, it was a struggle to keep my home comfortable and still afford my energy bill. Now that's a thing of the past. Every month, I've saved at least 20% on my bill, which is what the contractor estimated I'd save," he said.

"The whole experience was great," Alex said, recommending it to others he knows. "In fact, my neighbor saw the contractor doing work on my house and soon they were over there making his home tighter."

Get started

Visit nyserdera.ny.gov/home or call **1-866-NYSERDA** to learn how you can reduce your energy consumption and costs.



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— Alex Goodman, Lindenhurst, NY