

## **Electrification Coaching Statement**

**Gordon Nuttall**

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I live in the northeast foothills area of Tucson, having retired and then moving from northern Colorado in the summer of 2021 due to health concerns due to the Colorado altitude. I co-chair the Climate Reality Project's southern AZ chapter and have been involved in several initiatives to reduce CO<sub>2</sub> emissions in town, presentations via Zoom, at public events, and in-person on "Heat Pumps 101" and "Maximizing the Benefits from the IRA" (Inflation Reduction Act). I have a background in engineering and am comfortable with number crunching, but please note that I am not an HVAC professional.

Services that I offer as a volunteer electrification coach include: i) helping a client identify their needs and priorities, answering questions, and giving them sound information about how insulating their house and converting to heat pumps might satisfy their needs; ii) analysis of previous electricity and gas bills to estimate the performance of their house; iii) helping prepare residents to know what questions to ask of installers both before and after receiving quotes; and iv) follow-up with clients about monitoring system performance after installation.

I got involved with Go Electric AZ because of my desire to combat climate change. I think it is especially urgent right now to follow the rule "if you're in a hole, stop digging" and avoid installing new long-lived fossil fuel infrastructure such as heating systems that will make us fall even further behind. Heat pumps are available and ready to go today but most people don't know much about them and their use for air conditioning/cooling, so I want to do what I can to help people make informed choices. It's satisfying to know that one is helping lead directly to a tangible reduction in a household's CO<sub>2</sub> emissions; more broadly, I think it also helps build momentum for the wide-scale electrification that will be necessary to achieve our climate goals. Also, I find it satisfying to feel that I'm able to help out a neighbor. I know that figuring out what to do with one's home can be confusing and stressful; I have appreciated the help I've received from others in the past who have provided me with clear, unbiased information, and would like to pay that forward.

As part of the Go Electric AZ team, a volunteer organization with a mission of promoting clean heating and cooling systems, the coaching I provide is covered by these guiding principles:

- The client comes first: we listen to their goals and concerns, and aim to provide guidance on clean heating/cooling solutions appropriate to their needs;
- Strictly avoid conflicts of interest: we do not favor certain equipment manufacturers or installers, and accept no payments from companies or professionals in the business.
- Freely providing our services: we do not accept compensation from the clients we serve. For more information about Go Electric AZ, please visit our website at [goelectricaz.org](http://goelectricaz.org)