

New clues to the E.V. Gray mystery

For making electric vehicles practical and contributing to New Science.



JEANE MANNING

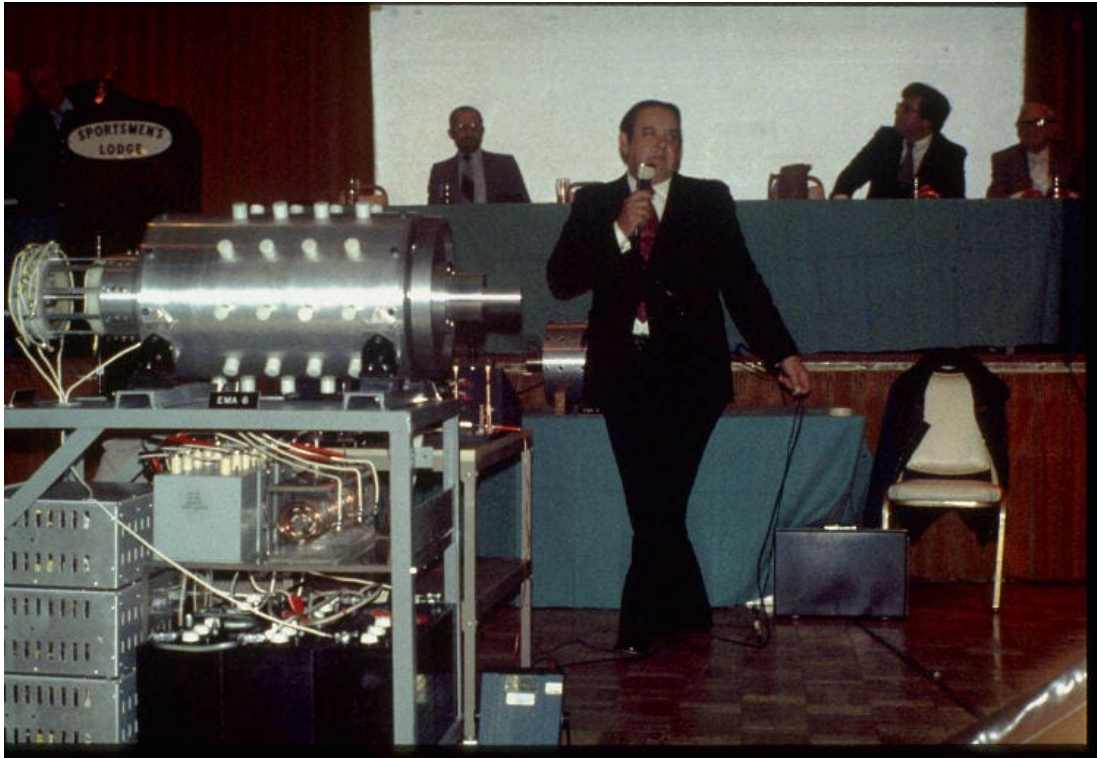
JUL 31, 2026

There's a new development to what's known concerning the American inventor Edwin V. Gray, Sr. (1923-1989) and discoveries about a safer form of power than just standard AC.

Makes me wonder. Since ground-breaking plasma research (LENR) and the successful non-conventional magnetic motors have in common basics such as standing waves, electrostatics and resonance, might the Martin Fleischmann Memorial Project's new tool unite them into a unified Theory of Everything?

Historians of non-conventional energy inventions write about Ed Gray and his public demonstration of "cold electricity." It has different qualities than what we've believed that electricity is.

They've linked the Gray motor to Nikola Tesla's earlier experiments with what Tesla called "radiant" energy. Ed Gray and/or his company's engineer had discovered that the discharge of a high-voltage capacitor could be shocked into releasing a powerful electrostatic burst of ray-like radiant energy.



Edwin Vincent Gray, Sr. (1923-1989) demonstration

Gray had plans for using the resulting technology for powering an [electric vehicle](#). He died mysteriously before making that plan a reality or revealing his secrets.

Here's the latest development on that Tesla/Gray mystery:

Alan Francoeur's conviction— that he's learned secrets of Gray's motor —will be getting a road test.

I take his claim seriously; the Francoeur homestead in Canada has been off-grid for eight years. The property is powered by his generating electric power with a hybrid system using solar, a wind generator, micro hydro and also with exotic energy technologies. Al Francoeur described it at the Energy Science and Technology Conference (ESTC) he spoke at in June, 2026.

His ESTC presentation showcased his Dynamotor technology, which has run non-stop 24/7 for months at a time. He stopped it after a shop fire this year, then it ran for 66 days until he shut it off to attend the ESTC. (The Dynamotor was soon back in action.)

Planning road test

After Francoeur's presentation, a retired engineer from the Yukon territory of northwestern Canada introduced himself.



Carcross, Yukon. Photo credit claudiatravel .com

Rod Rombough had previously bought a special pickup truck from [Yukon University](#), where students were to convert it to an electric vehicle (EV) but the university project ran out of funding.

He now plans to donate the Ford Ranger to a joint effort with Francoeur, to create a super-efficient electric vehicle (EV.)

Charging EV batteries uphill *and* downhill?

“Rod wants to work with us,” Al told me, “and we’ll have a platform to create a new regenerating EV with our energy systems and circuits inside.”

Francoeur has been wanting to build an EV for demonstrating his ideas, which could make EVs and hybrid vehicles much more practical.

Those vehicles already use regenerative braking to recapture kinetic energy. That energy, produced by motion, is wasted in internal combustion vehicles as heat when brakes are applied.

Francoeur proposes that his regenerative system could revitalize batteries not only when EVs slow down. But also when the vehicle *is motoring uphill*. He’s seeing regenerative *acceleration*!

How did he manage to reproduce what was shown in a vintage video about the Ed Gray motor/generator?

Historical hardware plus intuition, insights and ingenuity

Over the years, Al Francoeur has collected original machines used by the late Ed Gray. He carefully cleaned them and found the exact replacements for vintage parts that were no longer useable.

I speculate that his meticulous cleaning, focused attention and intuitive feeling for the machines gave him initial insights about them, but I may be mistaken.

Francoeur’s quest to understand what Nikola Tesla had been accomplishing with a “magnifying transmitter” took a new turn decades ago, when Francoeur watched waves of water combine, on a lake and magnify into a standing-wave form.

He viewed those merging waves as analogous to electrical phenomena involving Tesla’s “longitudinal waves” which, for Tesla, had created a radically different kind of electricity-- a “radiant energy” event.

“You played a part.”

Al Francoeur tells me that a box of various research papers I’d collected over the years gave him another clue about Ed Gray’s equipment.

In the box he found a photo which at that time had not been evident on the internet. It was of a Robert Alexander motor/generator. It looked identical to what was seen in an Ed Gray video.

Francoeur was hosting an online “AI F” discussion group at that time, and posted it for other researchers.

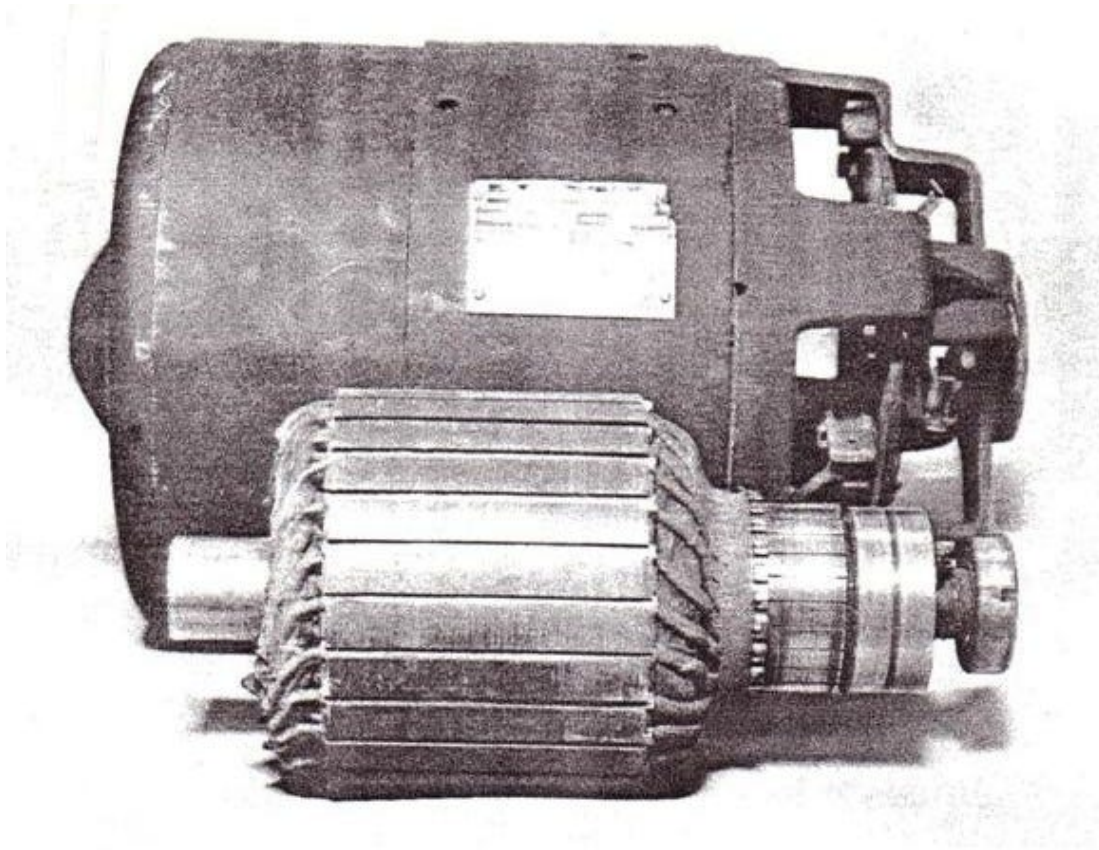
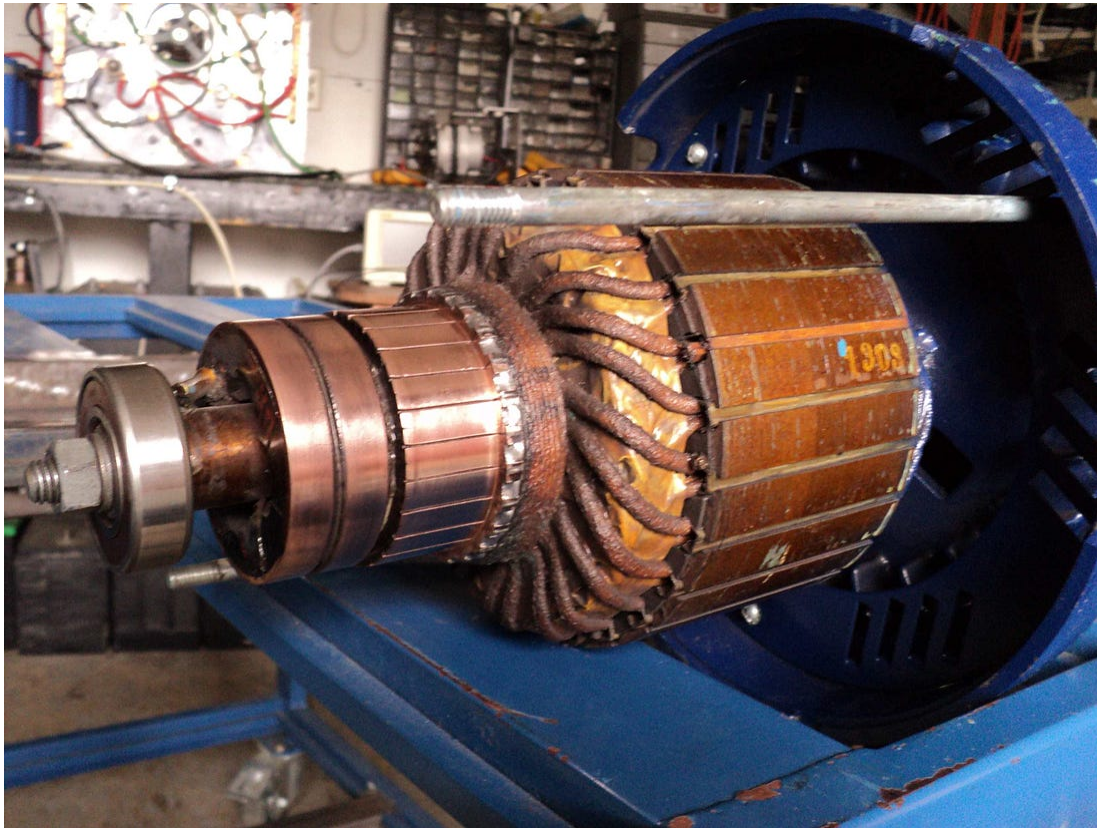


PHOTO 5-9-1 The Alexander motor/generator test prototype.

He looked up Alexander’s patent and realized that Alexander and Gray each lived in California around the same time.

Francoeur's slide presentation at ESTC tells his story of his subsequently finding more Onan brand generators that are identical to what Gray had in a vintage "Zetex" promotional video.



OnanLK rotor, as shown in Gray's Zetex video, is in Francoeur workshop

Anomalous aerial phenomena

An unusual "aha" moment came out of a dark night sky in April, 2011.

The Francoeur family was viewing the stars from their mountainside home. Jan photographed "anomalous aerial phenomena" that Al experienced as hieroglyphics with a message "like with crop circles." He felt he understood the message from the moving lights.

That profound experience spurred his thinking about "mirror image" concepts. That led him to the late Earl Koenig's U.S. patent 7,806,834

Mirror Image Symmetry, which shows a way to generate greater magnetic fields with a given amount of wire.

"It's not a dog!"

One important component of an Ed Gray machine remained a puzzle. The power supply.

He took the transformer (device that transfers energy, through electromagnetic induction, from one circuit to another) out of the power supply, to study it.

Francoeur didn't want to dismantle a unique historical part that would have been ruined by breaking into it, yet he wanted to know its inner configurations.

So he took it to a veterinarian! The vet's clinic had an X-ray machine for discovering broken bones in people's pets.

Francoeur chuckles as he recalls what he told the veterinarian. "I know this isn't a dog; it's a transformer. I'll pay you to X-ray it as if it's my dog!"

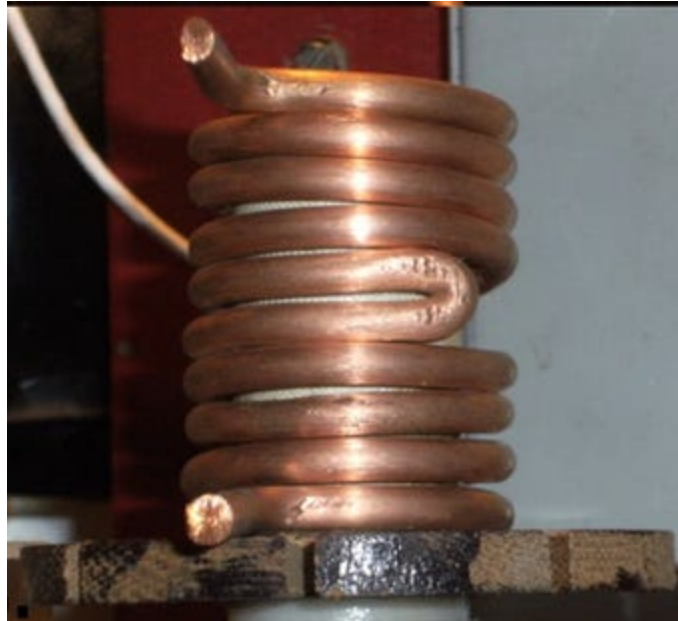
With that X-ray, he was able to study what's inside two components—the transformer and a "one-off device that's on the (Gray) power supply. There's not another one on the planet like it."

Special coils are part of his system for recycling electricity.

At ESTC 2026 AI shared a generous amount of details, including his electrical circuits, so that others could also experiment with a system that re-uses electricity.

For instance, he credits the late Earl Koenig for pioneering a way to generate greater magnetic fields with a given amount of wire.

Francoeur carries that work forward, increasing the efficiency in helical coils. In ordinary classical-wound copper coils, the current flowing in one half fights the direction of electrical flow in the other half.



Al Francoeur's mirror-image coil winding.

If you also missed ESTC 2026, conference organizer Aaron Murakami reports that videos from it are available for purchase.

BTW, thanks to Murakami for giving me permission to use, in my June 30 post, images belonging to his eMediaPress company.

In August, I have to prioritize a longer report that I'm commissioned to write about "breakthrough energy," and heal my back and leg injury. I expect to return to weekly substack posts at the end of summer.

Have a joyful rest of the summer!