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KU Gym To Tap Users For Energy

Devices Reroute Kinetic Energy Created To Building's Electric Grid

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LAWRENCE, Kan. -- The University of Kansas plans to tap student workouts for alternate energy.

Next month, fifteen elliptical machines at the Ambler Student Recreation Fitness Center will be connected to devices that reroute the kinetic energy created by workouts into the building's electric grid.

The Florida-based makers of the ReRev devices that convert the kinetic energy estimate the 15 machines will generate 10 kilowatts of energy per day, or enough to power a student apartment for a day. The electricity will be used at the student center, which officials said should reduce carbon emissions and help lower cooling costs.

The equipment is already being used at universities in Florida, Oregon, Portland and Nebraska.

Andrew Stanley, of Overland Park, is the one who presented the idea to KU after reading about Re-Rev being used at other schools.

"I thought this was a cool idea. I had heard about other gyms that were doing this," Stanley told KMBC's Marcus Moore. "It just seemed to make sense to me. We're all going to the gym and working out and all of the energy, not only is it being lost, but it's actually going into heat."

Stanley approached the Alternative Energy Society about the project and managed to get \$15,000 from the Student Senate to pay for the new equipment.

"I think it's a step in the right direction, and I hope that students see this technology and they're inspired, and we can have more projects like this in the future," Stanley said.

For more information on Re-Rev, visit rerev.com.

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 **Video: KU Gym To Tap Users For Energy**

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