

Transphorm Tackles the Grid's Energy Leakage Problem



Santa Barbara-based company Transphorm was [featured in ZDNet](#) this week in an article that profiles the company's new gallium nitride transistor technology.

From [ZDNet](#) : "Its technologies use gallium nitride semiconductor materials rather than the traditional sorts of silicon-based components that are included in various power conversion circuits. I'm not going to get into the nitty-gritty, because I am not an electrical engineer but the overall aim is to make power conversion systems run cooler. Because they run cooler, Transphorm CEO [Umesh Mishra](#) said his company's technologies cause less energy to be wasted. That's important because Transphorm cites figures estimating that at least 12 percent of the energy generated in the United States alone is lost during the conversions that happen between direct current (DC) and alternating current (AC) systems."

Images



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