Semiconductor photovoltaic rare earth permanent magnet energy storage

The DOE Office of Energy Efficiency and Renewable Energy (EERE) Advanced Manufacturing Office (AMO) partners with industry, small business, universities, and other stakeholders to ...

Discovering the application of rare earth elements in advanced energy storage field is a great chance to relate rare earth chemistry with the energy storage technology. This ...

Current research is focused in two directions: (1) the development of novel high-performance permanent magnets; and (2) the reduction of the use of REM permanent magnets through the ...

The rare earths are of a group of 17 chemical elements, several of which are critical for the energy transition. Neodymium, praseodymium, dysprosium and terbium are key to the production of ...