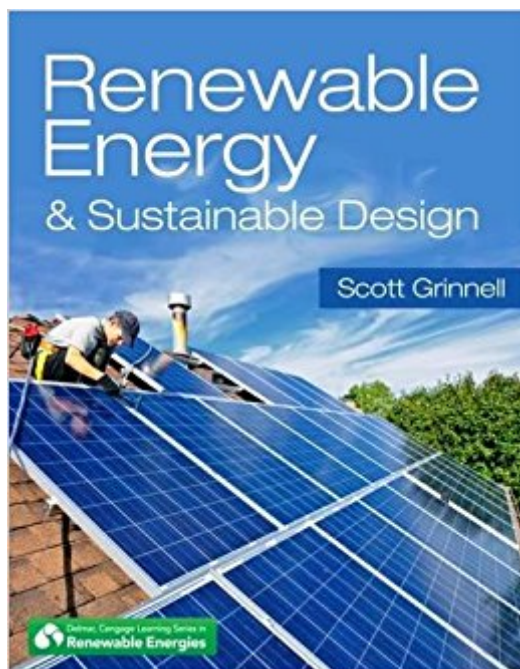


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Renewable Energy & Sustainable Design



Synopsis

Featuring current information and a practical approach, **RENEWABLE ENERGY AND SUSTAINABLE DESIGN** combines common forms of renewable energy with green building practices, offering an exciting and engaging introduction to this field. Focusing on both the theory and practice of producing electrical energy from non-fossil fuel sources, this book evaluates different types of building materials and design options while assessing available forms of renewable energy—including solar, wind, hydro, biomass, tidal and geothermal. By examining the benefits and limitations involved in harnessing each of these renewable energies, this book seeks to provide you with an objective and informed viewpoint, with the ultimate purpose of minimizing harmful impacts on individuals, communities, and the environment.

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Scott Grinnell is an associate professor of physics at Northland College, where he has taught since 2002. Dr. Grinnell enjoys leading students through installations of renewable energy systems and organizing worldwide travel to study sustainable communities and green building practices. Since 1997 he has taught courses in mathematics, engineering, physics, meteorology, renewable energy,

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