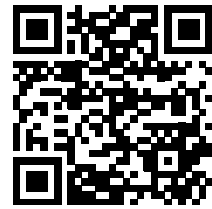


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Unlocking Geothermal Energy



In the quest for _____ energy sources, one of the most promising is geothermal energy. This type of energy harnesses the _____ from the Earth's core to generate electricity. Unlike other renewable resources, geothermal _____ is available 24/7, making it a reliable power source. The Earth's _____ remains consistently hot, providing an endless supply of energy. To access this _____, wells are drilled into the ground to tap into steam or hot water, which can be found in _____ reservoirs. This hot fluid is then used to turn turbines, which generate _____. One of the biggest advantages of geothermal energy is its low _____ on the environment compared to fossil fuels. It produces far fewer _____, making it a cleaner alternative. However, the initial setup requires significant _____ in both money and technology. Despite the costs, countries like _____ have successfully utilized geothermal energy to meet a large portion of their _____ needs. This success showcases the potential for other regions with similar geothermal _____ to adopt this renewable energy source. With advancements in _____, the efficiency and accessibility of geothermal energy are expected to _____, making it an increasingly important player in the global energy mix. Its role in reducing dependency on fossil fuels and combating _____ change cannot be understated, marking geothermal energy as a key to a sustainable energy _____.

core heat emissions Iceland power electricity future activity climate
investment energy electricity geothermal improve sustainable
technology impact