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# General Acceptance of Solar Power: ChatGPT Analysis over Knowlede Domains

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## Abstract

*This study aims to analyze the general acceptance of solar power. The technology reputation has a potential impact on decision-making and affects technology market deployment and adoption, similarly to technical, legal, and economic factors. This acceptance is affected by how the technologies are discussed in the media. The media and any knowledge domains tend to affect the acceptance of specific technologies. The acceptance further influences investment decisions and wider technology adoption. This study applies ChatGPT, an artificial intelligence (AI) chatbot, to analyze the acceptance of solar power over knowledge domains to understand the applicability of the current AI technology for such analysis. Understanding how solar power acceptance appears at global, regional, and local levels is sought. The findings are compared to those gained by analyzing the media sentiment in both editorial and social media by using a proven methodology for media monitoring. The findings provide indications of the applicability of ChatGPT for analyzing the technology acceptance. The findings may have implications by providing potential possibilities for companies to apply such a methodology for analyzing technology acceptance. Scientific implication can include clarifying possibilities and relation to earlier proven methods and findings.*

**Keywords:** general acceptance, ChatGPT analysis, knowledge domains, solar power, technology reputation, solar panel, solar PV, decision-making.