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## Investing In Renewable Energy Stocks: Performance of Yield Cos in US

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**Abstract:** Purpose – Renewable Energy company stocks is gaining taction for yielding lucrative returns in covid and post covid world. Moreover, there has been a lot of talk about ESG investing and its potential benefits to the future economy. Most of the top companies in terms of market capitalization often use yield cos to shift the risks and gain good returns. The purpose of the paper is to focus on how the renewable energy companies having yield cos operate and what makes their structure unique for investment.

Design/methodology/approach – The stock data for the top 5 renewable companies with yield cos are taken from Yahoo Finance, Cap IQ for the years 2010 to 2023. Stock price analysis is carried out to determine how the stocks performed compared to S&P500 index.

Findings – We could see that the yield co structure for the renewable companies remains an attractive and viable mechanism for renewable energy projects and the companies. The renewable companies most of the time bet the market index suggesting that the stocks have significant potential in the future.

Originality/value – The paper primarily focuses on the renewable energy companies which follow the yield co structure. First, the historic trend from 2010 has been analyzed to determine how the companies evolved over time. Second, correlation analysis has been performed with the index to determine how it compared against the market. Third, detailed analysis has been performed on the impact of yield cos and its potential benefits.

Keywords: Stock investing, ESG, Correlation, Econometrics

## REFERENCES

- [1]. Mauricio Franco Mitidieri, The Evolution of the YieldCo Structure in the Unites States, NewYrk University, Leonard N.Stern School of Business, Glucksman Institute for Research in Securities Markets
- [2]. https://www.simplysafedividends.com/world-of-dividends/posts/12-a-guide-to-investing-in-yieldcos
- [3]. Sunderasan Srinivasan, Vamshi Krishna Reddy, Towards a better understanding of renewable energy YieldCos,Renewable and Sustainable Energy Reviews,Volume 65,2016,Pages 154-163,ISSN 1364-0321,https://doi.org/10.1016/j.rser.2016.06.047.
- [4]. https://www.greentechmedia.com/articles/read/the-yieldco-boom-and-bust-the-consequences-of-greed
- [5]. https://finance.yahoo.com/
- [6]. https://blogs.worldbank.org/developmenttalk/what-triggered-oil-price-plunge-2014-2016-and-why-it-failed-deliver-economic-impetus-eight-charts
- [7]. David Feldman and Mark Bolinger, On the Path to SunShot: Emerging Opportunities and Challenges in Financing Solar, NREL, May 2016
- [8]. Cheng Cheng, Kangyin Dong, Zhen Wang, Shulin Liu, Jakub Jurasz, Haoran Zhang, Rethinking the evaluation of solar photovoltaic projects under YieldCo mode: A real option perspective, Applied Energy, Volume 336, 2023, 120839, ISSN 0306-2619, https://doi.org/10.1016/j.apenergy.2023.120839.
- [9]. Donovan, Charles and Li, Jianjun, Do Listed Clean Energy Infrastructure Shares Make Financial Sense for Investors? (August 8, 2018). Available at SSRN: https://ssrn.com/abstract=3175879 or http:// dx.doi.org/10.2139/ssrn.3175879
- [10]. La Monaca, Sarah & Assereto, Martina & Byrne, Julie, 2018. "Clean energy investing in public capital markets: Portfolio benefits of yieldcos," Energy Policy, Elsevier, vol. 121(C) pages 383-393.

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