

Cia Paranaense De Energia Copel Class B XCOP ★★★^Q 14 Nov 2019 02:00 UTC

Last Close
14 Nov 2019
12.20

Fair Value^Q
14 Nov 2019 02:00 UTC
13.28

Market Cap
14 Nov 2019
3,338.6 Mil

Sector
Utilities

Industry
Utilities - Diversified

Country of Domicile
BRA Brazil

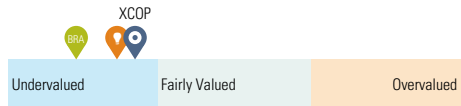
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Company Profile

Cia Paranaense De Energia Copel is primarily involved in the generation, transmission, distribution, and sale of electricity and piped gas in the Brazilian State of Parana. The company also provides telecommunication and other services. The majority of the company's revenue is derived from the sale of electricity. It generates electricity through renewable energy sources such as hydroelectric and wind plants and also uses thermoelectric plants. The company's operating segments include industrial, residential, commercial, rural, and others.

Quantitative Scores

		Scores		
		All	Rel Sector	Rel Country
Quantitative Moat	None	33	28	19
Valuation	Undervalued	31	49	55
Quantitative Uncertainty	High	81	63	73
Financial Health	Moderate	57	41	34



Source: Morningstar Equity Research

Valuation

	Current	5-Yr Avg	Sector Median	Country Median
Price/Quant Fair Value	0.92	0.92	0.89	0.84
Price/Earnings	7.8	8.5	14.8	13.7
Forward P/E	8.9	—	13.7	11.4
Price/Cash Flow	6.8	6.5	6.5	7.3
Price/Free Cash Flow	9.7	50.1	13.1	11.6
Trailing Dividend Yield %	0.71	4.65	3.68	2.55
Price/Book	0.9	0.6	1.4	1.3
Price/Sales	1.0	0.6	1.4	1.1

Profitability

	Current	5-Yr Avg	Sector Median	Country Median
Return on Equity %	12.1	7.9	9.8	12.0
Return on Assets %	5.7	3.9	3.3	4.8
Revenue/Employee (Mil)	2.1	1.7	1.3	1.0

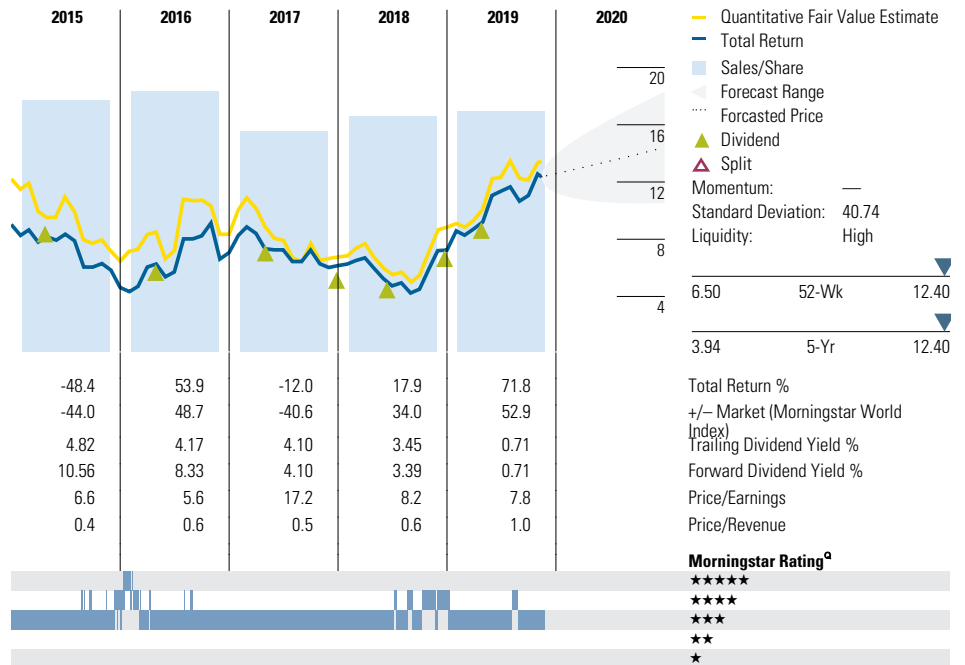
Financial Health

	Current	5-Yr Avg	Sector Median	Country Median
Distance to Default	0.5	0.4	0.6	0.6
Solvency Score	463.3	—	584.9	530.5
Assets/Equity	2.2	2.1	2.6	2.1
Long-Term Debt/Equity	0.5	0.4	0.7	0.3

Growth Per Share

	1-Year	3-Year	5-Year	10-Year
Revenue %	6.5	0.0	10.2	10.6
Operating Income %	10.7	3.6	15.0	2.9
Earnings %	36.1	8.2	5.6	4.3
Dividends %	-60.8	7.8	-7.9	1.3
Book Value %	5.4	4.2	4.9	7.1
Stock Total Return %	91.3	20.8	7.3	2.8

Price vs. Quantitative Fair Value

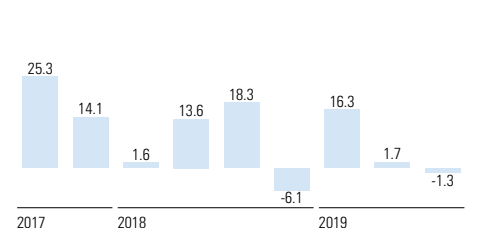


	2014	2015	2016	2017	2018	TTM	Financials (Fiscal Year in Mil)
Revenue	13,919	14,728	13,102	14,025	14,935	15,503	Revenue
% Change	51.6	5.8	-11.0	7.0	6.5	3.8	% Change
Operating Income	1,550	1,816	1,822	2,040	2,258	3,012	Operating Income
% Change	39.3	17.2	0.3	11.9	10.7	33.4	% Change
Net Income	1,206	1,193	959	1,034	1,407	2,032	Net Income
Operating Cash Flow	1,091	1,321	1,477	989	1,771	2,255	Operating Cash Flow
Capital Spending	-2,149	-1,721	-2,213	-2,012	-1,497	-677	Capital Spending
Free Cash Flow	-1,058	-401	-736	-1,023	274	1,578	Free Cash Flow
% Sales	-7.6	-2.7	-5.6	-7.3	1.8	10.2	% Sales
EPS	4.21	4.16	3.35	3.61	4.91	7.20	EPS
% Change	12.5	-1.1	-19.6	7.8	36.1	46.5	% Change
Free Cash Flow/Share	-1.28	-1.12	-0.14	-0.63	-0.83	0.74	Free Cash Flow/Share
Dividends/Share	2.37	0.93	1.25	2.96	1.16	1.45	Dividends/Share
Book Value/Share	14.85	11.73	16.23	14.03	13.38	13.87	Book Value/Share
Shares Outstanding (K)	273,655	273,655	273,655	273,655	273,655	273,656	Shares Outstanding (K)
Return on Equity %	9.3	8.7	6.6	6.9	9.0	12.1	Return on Equity %
Return on Assets %	5.0	4.4	3.2	3.3	4.1	5.7	Return on Assets %
Net Margin %	8.7	8.1	7.3	7.4	9.4	13.1	Net Margin %
Asset Turnover	0.57	0.54	0.44	0.44	0.43	0.43	Asset Turnover
Financial Leverage	1.9	2.0	2.0	2.2	2.2	2.1	Financial Leverage
Gross Margin %	19.8	19.9	21.9	24.0	23.0	27.0	Gross Margin %
Operating Margin %	11.1	12.3	13.9	14.5	15.1	19.4	Operating Margin %
Long-Term Debt	4,755	6,528	6,235	7,414	8,268	9,276	Long-Term Debt
Total Equity	13,331	14,246	14,864	15,208	16,033	17,452	Total Equity
Fixed Asset Turns	1.7	1.7	1.5	1.5	1.4	1.4	Fixed Asset Turns

Quarterly Revenue & EPS

Revenue (Mil)	Mar	Jun	Sep	Dec	Total
2019	3,896.0	3,665.7	4,253.7	—	—
2018	3,348.7	3,605.8	4,309.1	3,671.1	14,934.8
2017	3,297.0	3,173.2	3,643.7	3,910.7	14,024.6
2016	3,073.6	3,694.6	2,907.2	3,426.4	13,101.8
Earnings Per Share (€)					
2019	1.82	1.28	2.09	—	—
2018	1.16	1.27	1.30	1.36	4.91
2017	1.50	0.49	1.40	0.37	3.61
2016	0.47	3.47	-0.30	-0.29	3.35

Revenue Growth Year On Year %



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Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings").

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to <http://global.morningstar.com/equitydisclosures> for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

Narrow – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

Wide – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

None – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, and the Quantitative Uncertainty Rating. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

One-Star – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1*Quantitative Uncertainty*

Two-Star - the stock is somewhat overvalued.

*Log (Quant FVE/Price) between (-1*Quantitative Uncertainty, -0.5*Quantitative Uncertainty)*

Three-Star – the stock is approximately fairly valued.

*Log (Quant FVE/Price) between (-0.5*Quantitative Uncertainty, 0.5*Quantitative Uncertainty)*

Four-Star – the stock is somewhat undervalued.

*Log (Quant FVE/Price) between (0.5*Quantitative Uncertainty, 1*Quantitative Uncertainty)*

Five-Star – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1*Quantitative Uncertainty*

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

Low – the interquartile range for possible fair values is less than 10%

Medium – the interquartile range for possible fair values is less than 15% but greater than 10%

High – the interquartile range for possible fair values is less than 35% but greater than 15%

Very High – the interquartile range for possible fair values is less than 80% but greater than 35%

Extreme – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

Weak – assigned when Quantitative Financial Health < 0.2

Moderate – assigned when Quantitative Financial Health is between 0.2 and 0.7

Strong – assigned when Quantitative Financial Health > 0.7

Other Definitions

i. **Last Close** – Price of the stock as of the close of the market of the last trading day before date of the report.

ii. **Quantitative Valuation** – Using the below terms, intended to denote the relationship between the security's **Last Price** and Morningstar's quantitative fair value estimate for that security.

Undervalued – Last Price is below Morningstar's quantitative fair value estimate.

Fairly Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

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