

moneycontrol STOCK REPORTS

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Stock analysis for smarter investments ??

JIYA ECO-PROI Renewable Energy / Ren							DETA		STOC	KREPORTS+ KREPORT te: 2019 April 16
Last Close 59.05 (INR)	Avg Daily Vol 523,028	52-Week High 79.00	Trailing PE 5.2	A	nnual Div	RO 38	∈ 8.9%	LT 	G Forecast	1-Mo Return 21.8%
2019 April 15 BSE Exchange	Market Cap 1.7B	52-Week Low 32.10	Forward PE		ividend Yie		nual Rev 9 B		t Own 0%	3-Mo Return 25.4%
AVERAGE SCORE										
POSITIVE OUTLOOK: JIY of 9 places it within the top		9			newable Ene	•••	•		Micro	Score Averages Market Cap: 4.7 ensex Index: 7.3
Average S	core Trend (4-Week M	Noving Avg)	Peers		-6M	-3M	-1M	-1W	Current	1Y Trend
Positive			JIYAECO		7	9	9	9	9	
		· · · · · · · · · · · · · · · · · · ·	RELTD		4	2	4	3	3	
Neutral	4		SBTL		6	7	4	3	3	
Negative			INOXWINE		4	4	2	2	2	
2016-04	2017-04 2018-04	2019-04	HEMORGA	ANIC	NR	NR	NR	NR	NR	
HIGHLIGHTS			THOMS	ON	REUTER	S I/B/I	E/S ME	AN		
- The score for Jiya Eco-F 2019-03-10 and has ren			NA 0 Analysts	5		Me				analysts coverir ized 5-point scal
			Sell	I	Reduce		Hold		Buy	Strong Buy
PRICE AND VOLUM										
	1-Year Return: -1.	6%		80			5-Ye	ar Retu	rn:	
70				70						Lal.
60	adm.			60 50						
50	March 1			40						
40				30 20				- I	a the second	
1,000K			1.0	000K						
0K May Jun Jul 2018	Aug Sep Oct Nov	Dec Jan Feb		ΟK	2014	2015	20)16	2017	2018

BUSINESS SUMMARY

Jiya Eco-Products Limited is engaged in manufacturing of bio fuel, such as bio briquettes and bio-pellets, which is an alternative source of energy. The Company's segments include Manufacturing of Bio fuel, Manufacturing of Pellete, Kutti and Stoves. It produces bio fuel and biomass pellets of various sizes, including approximately six millimeters, over eight millimeters and approximately 10 millimeters. Its plant is located at Survey number-202/2, Navagam, Vallabhipur Taluka, near Ayodhyapuram in Bhavnagar, India. The Company's plant has installed capacity of pellet of approximately 40 tons and of bio fuel of over 150 tons per day. The Company's bio fuel is made by grinding Biomass. The Company's Bio Fuel does not emit smoke with sulfur or phosphorus and also fly ash.

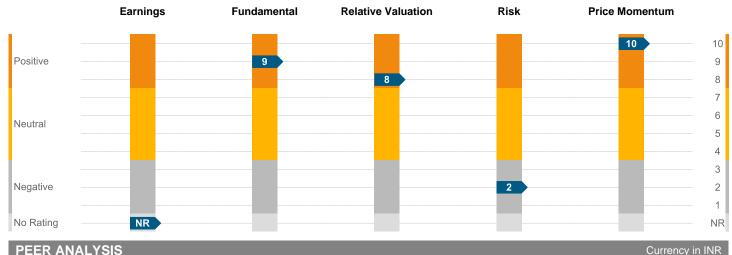


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INDICATOR COMPONENTS



The AVERAGE SCORE combines the quantitative analysis of five widely-used investment decision making tools: Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. A simple average of the underlying component ratings is normally distributed to rank stocks on a 1-10 scale (10 being awarded to the most favorable). These factors may be evaluated differently using alternative methodologies and the importance of individual factors varies across industries, market capitalization and investment styles. Additional criteria should always by used to evaluate a stock.

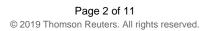


PEER ANALYSIS

		PRICE	MOMENTU	М		VALUA	TION	FUNDAM	ENTAL	ANALYSTS	
Ticker	Price (2019-04-15)	1-Mo Return	3-Mo Return	1-Yr Return	Market Cap	Trailing PE	Forward PE	Dividend Yield	Net Margin	LTG I/B/E/S Forecast Mean	# o Analysts
SUZLON	7.35	8.1%	38.7%	-38.0%	35.6B				-29.2%	Buy	3
INOXWIND	69.90	3.2%	-6.2%	-40.2%	15.1B		57.5		-2.9%	Strong Buy	2
RELTD	39.85	-7.3%	21.9%	37.4%	5.1B				-33.5%		
JIYAECO	59.05	21.8%	25.4%	-1.6%	1.7B	5.2			11.1%		
KPIGLOBAL	68.55	-0.7%			1.2B	11.0			36.2%		
WEBELSOLAR	26.55	-16.5%	6.2%	-69.8%	779M	35.5			-9.3%		
SURANASOL	7.25	-16.2%	-17.1%	-47.3%	357M						
WAA	33.00	-5.7%	-17.5%		212M	5.9			7.2%		
ZODIAC	18.00	6.2%	-18.2%	-40.0%	132M				1.4%		
SBTL	1.42	-13.4%	-32.1%	-49.1%	84M				-2091%		
HEMORGANIC	17.00	4.9%	-5.0%	17.2%	59M						
Average	31.63	-1.4%	-0.4%	-25.7%	5.5B	14.4	57.5		-234.5%	Buy	2.5
	SUZLON INOXWIND RELTD JIYAECO KPIGLOBAL WEBELSOLAR SURANASOL WAA ZODIAC SBTL HEMORGANIC	Ticker (2019-04-15) SUZLON 7.35 INOXWIND 69.90 RELTD 39.85 JIYAECO 59.05 KPIGLOBAL 68.55 WEBELSOLAR 26.55 SURANASOL 7.25 WAA 33.00 ZODIAC 18.00 SBTL 1.42 HEMORGANIC 17.00	Price (2019-04-15) 1-Mo Return SUZLON 7.35 8.1% INOXWIND 69.90 3.2% RELTD 39.85 -7.3% JIYAECO 59.05 21.8% KPIGLOBAL 68.55 -0.7% WEBELSOLAR 26.55 -16.5% SURANASOL 7.25 -16.2% WAA 33.00 -5.7% ZODIAC 18.00 6.2% SBTL 1.42 -13.4% HEMORGANIC 17.00 4.9%	TickerPrice (2019-04-15)1-Mo Return3-Mo ReturnSUZLON7.358.1%38.7%INOXWIND69.903.2%-6.2%RELTD39.85-7.3%21.9%JIYAECO59.0521.8%25.4%KPIGLOBAL68.55-0.7%WEBELSOLAR26.55-16.5%6.2%SURANASOL7.25-16.2%-17.1%WAA33.00-5.7%-17.5%ZODIAC18.006.2%-18.2%SBTL1.42-13.4%-32.1%HEMORGANIC17.004.9%-5.0%	Ticker (2019-04-15) Return Return Return SUZLON 7.35 8.1% 38.7% -38.0% INOXWIND 69.90 3.2% -6.2% -40.2% RELTD 39.85 -7.3% 21.9% 37.4% JIYAECO 59.05 21.8% 25.4% -1.6% KPIGLOBAL 68.55 -0.7% - WEBELSOLAR 26.55 -16.5% 6.2% -69.8% SURANASOL 7.25 -16.2% -17.1% -47.3% WAA 33.00 -5.7% -17.5% ZODIAC 18.00 6.2% -40.0% SBTL 1.42 -13.4% -32.1% -49.1% HEMORGANIC 17.00 4.9% -5.0% 17.2%	Price (2019-04-15)1-Mo Return3-Mo Return1-Yr ReturnMarket CapSUZLON7.358.1%38.7%-38.0%35.6BINOXWIND69.903.2%-6.2%-40.2%15.1BRELTD39.85-7.3%21.9%37.4%5.1BJIYAECO59.0521.8%25.4%-1.6%1.7BKPIGLOBAL68.55-0.7%1.2BWEBELSOLAR26.55-16.5%6.2%-69.8%779MSURANASOL7.25-16.2%-17.1%-47.3%357MWAA33.00-5.7%-17.5%212MZODIAC18.006.2%-18.2%-40.0%132MSBTL1.42-13.4%-32.1%-49.1%84MHEMORGANIC17.004.9%-5.0%17.2%59M	Price (2019-04-15)1-Mo Return3-Mo Return1-Yr ReturnMarket CapTrailing PESUZLON7.358.1%38.7%-38.0%35.6BINOXWIND69.903.2%-6.2%-40.2%15.1BRELTD39.85-7.3%21.9%37.4%5.1BJIYAECO59.0521.8%25.4%-1.6%1.7B5.2KPIGLOBAL68.55-0.7%1.2B11.0WEBELSOLAR26.55-16.5%6.2%-69.8%779M35.5SURANASOL7.25-16.2%-17.1%-47.3%357MWAA33.00-5.7%-17.5%212M5.9ZODIAC18.006.2%-18.2%-40.0%132MSBTL1.42-13.4%-32.1%-49.1%84MHEMORGANIC17.004.9%-5.0%17.2%59M	Price (2019-04-15)1-Mo Return3-Mo Return1-Yr ReturnMarket CapTrailing PEForward PESUZLON7.358.1%38.7%-38.0%35.6BINOXWIND69.903.2%-6.2%-40.2%15.1B57.5RELTD39.85-7.3%21.9%37.4%5.1BJIYAECO59.0521.8%25.4%-1.6%1.7B5.2KPIGLOBAL68.55-0.7%1.2B11.0WEBELSOLAR26.55-16.5%6.2%-69.8%779M35.5SURANASOL7.25-16.2%-17.1%-47.3%357MVAA33.00-5.7%-17.5%212M5.9SBTL1.42-13.4%-32.1%-49.1%84MHEMORGANIC17.004.9%-5.0%17.2%59M	TickerPrice (2019-04-15)1-Mo ReturnReturn ReturnMarket ReturnTrailing Market CapForward 	Price (2019-04-15)1-Mo Return3-Mo Return1-Yr ReturnMarket ReturnTrailing PEForwardDividend WeidMarginSUZLON7.358.1%38.7%-38.0%35.6B29.2%INOXWIND69.903.2%-6.2%-40.2%15.1B57.529.2%RELTD39.85-7.3%21.9%37.4%5.1B57.52.9%JIYAECO59.0521.8%25.4%-1.6%1.7B5.211.1%KPIGLOBAL68.55-0.7%1.2B11.036.2%WEBELSOLAR26.55-16.5%6.2%-69.8%779M35.59.3%SURANASOL7.25-16.2%-17.1%-47.3%357M7.2%ZODIAC18.006.2%-18.2%-40.0%132M1.4%SBTL1.42-13.4%-32.1%-49.1%84M2091%HEMORGANIC17.004.9%-5.0%17.2%59M	Price (2019-04-15) 1-Mo Return 3-Mo Return 1-Yr Return Market Cap Trailing PE Forward PE Dividend PE Net Margin LTG //B/E/S Forecast Mean SUZLON 7.35 8.1% 38.7% -38.0% 35.6B -29.2% Buy INOXWIND 69.90 3.2% -6.2% -40.2% 15.1B 57.5 -2.9% Strong Buy RELTD 39.85 -7.3% 21.9% 37.4% 5.1B </td

PEER COMPANIES

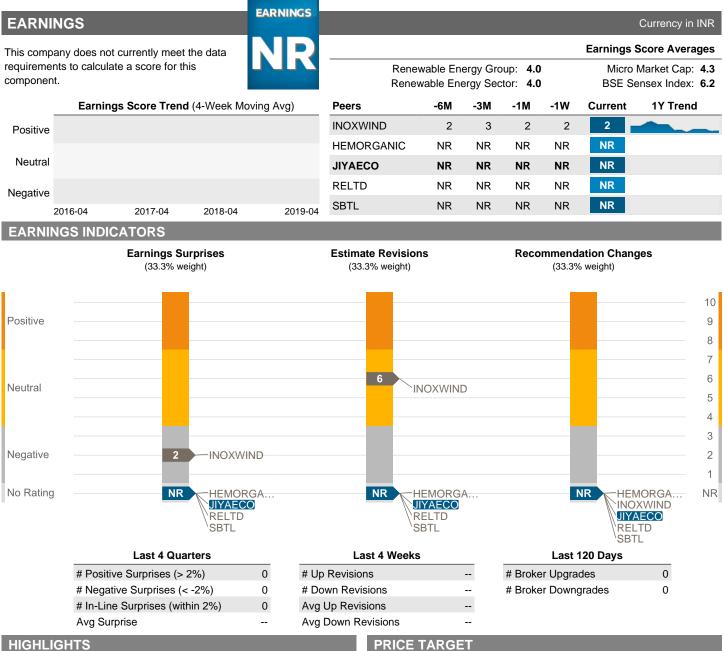
SUZLON	Suzlon Energy	SURANASOL	Surana Solar
INOXWIND	Inox Wind	WAA	WAA Solar
RELTD	Ravindra Energy	ZODIAC	Zodiac Energy
KPIGLOBAL	KPI Global Infrastructure	SBTL	Southern Online Bio
WEBELSOLAR	Websol Energy System	HEMORGANIC	Hemo Organic





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- There is no significant earnings activity for this company.

The chart indicates where analysts predict the stock price will be within the next 12 months, as compared to the current price.

Т		12-Month Price Target	
		Mean (INR)	
		High	
1	Data is not available	Low	
1		Target vs. Current	
-		# of Analysts	
	Current Price Price Target (INR)		



Renewable Energy / Renewable Energy / Renewable Fuels

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EARNINGS PER SHARE Actuals Estimates Earnings per share (EPS) is calculated by dividing a company's earnings by the number of shares outstanding. Analysts tend to interpret a pattern of increasing earnings as a sign of strength and flat Quarterly NA NA Mean Quarterly data is not available ---High Low -or falling earnings as a sign of # of Analysts weakness. NA NA NA NA The charts provide a comparison between a company's actual and Actuals Estimates estimated EPS, including the high and low forecasts. Annual NA NA Mean ---Annual data is not available High Low # of Analysts NA NA NA NA **MEAN ESTIMATE TREND ANALYST RECOMMENDATIONS** Q Q Υ Υ Price Thomson Reuters I/B/E/S Mean: NA (0 Analysts) Target Strong Buy 0 Current Buy 0 30 Days Ago ------------90 Days Ago Hold 0 % Change (90 Days) --------------Reduce 0 Current Fiscal Year End: --Sell 0 Next Expected Report Date: --**EARNINGS SURPRISES** Comparing a company's actual earnings to the mean expectation of analysts results in a difference referred to as a 'positive' or 'negative' Surprise Detail (Last 6 Periods) surprise. Research has shown that when a company reports a Surprise Period End Announce Actual Surprise Mean EPS EPS surprise, it is often followed by more of the same surprise type. Type Date Date (%)

Surprise Summary (Last 12 Quarters)

Surprise Type	Amount	Percent
Positive Quarters (> 2%)	0	
Negative Quarters (< -2%)	0	
In-Line Quarters (within 2%)	0	

There are no earnings surprises during this time period.

ANNUAL REVENUE

A pattern of increasing sales in conjunction with a rising EPS may influence a buy recommendation, while flat or falling sales and faltering earnings may explain a sell recommendation. A rising EPS with flat or falling sales may result from increased cost efficiency and margins, rather than market expansion. This chart shows the sales forecast trend of all analysts and the highest and lowest projections for the current and next fiscal year. Actuals Estimates
Annual revenue data is not available
NA NA NA NA

NA NA Mean -- High - Low -- Forecasted Growth -- # of Analysts --





Fundamental Score Trend

Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1

2017

q 9 q

2018

6

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Fundamental Score Averages

FUNDAMENTAL

Positive

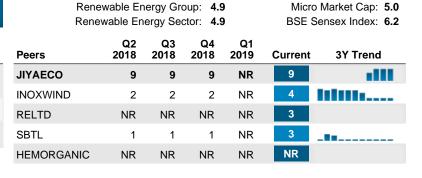
Neutral

Negative



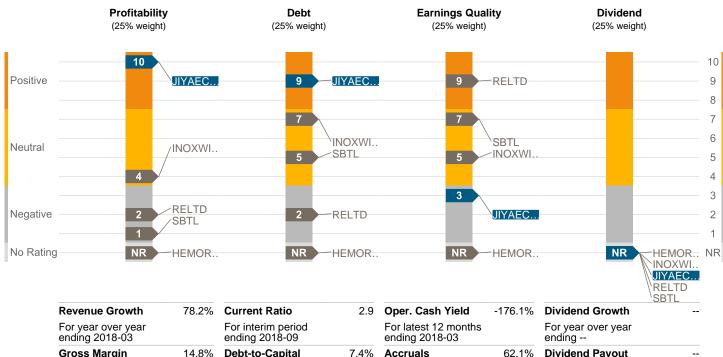
POSITIVE OUTLOOK: Strong fundamentals such as high profit margins, low debt levels, or growing dividends.





FUNDAMENTAL INDICATORS

2016



				•			
For year over year ending 2018-03		For interim period ending 2018-09		For latest 12 months ending 2018-03		For year over year ending	
Gross Margin	14.8%	Debt-to-Capital	7.4%	Accruals	62.1%	Dividend Payout	-
For latest 12 months ending 2018-12		For annual period ending 2018-03		For latest 12 months ending 2018-03		For latest 12 months ending	
Return On Equity	38.9%	Interest Funding	14.5%	Days Sales In Inv.	33.3	Dividend Coverage	-
For interim period ending 2018-09		For interim period ending 2018-03		For annual period ending 2018-03		For annual period ending	
Net Margin	11.1%	Interest Coverage	15.1	Days Sales In Rec.	137.9	Current Div. Yield	-
For latest 12 months ending 2018-12		For interim period ending 2018-12		For annual period ending 2018-03		For latest 12 months ending	

HIGHLIGHTS

- Jiya Eco-Products currently has a Fundamental Rating of 9, which is significantly more bullish than the Renewable Energy industry group average of 4.9.
- The return on equity of 38.9% for JIYAECO is the highest within its Renewable Energy industry group.
- The company's current ratio has been higher than its industry group average for each of the past five years.
- The company's days sales in inventory has been lower than its industry group average for each of the past five years.

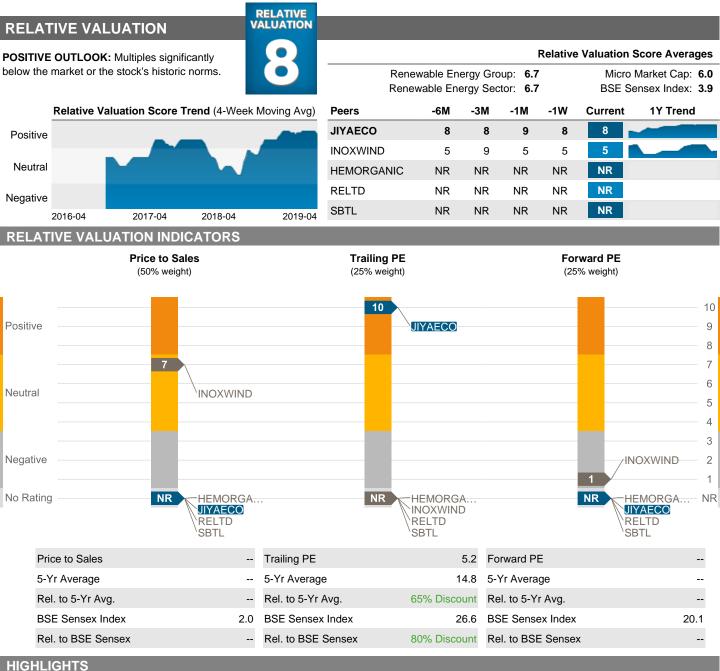
Jiya Eco-Products does not currently pay a dividend. Of 16 firms within the Renewable Energy industry group, it is among the 16 companies without a dividend.



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HIGHLIGHTS

Jiya Eco-Products currently has a Relative Valuation Rating of 8 which is significantly above the S&P BSE SENSEX index average rating of 3.9.

JIYAECO's Trailing P/E of 5.2 represents a 65% Discount to its 5-year average of 14.8. If the Trailing P/E returned to historical form, the stock would trade at 161.72.



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PRICE TO SALES

The most recent week's close price divided by the revenue per share.

- Price to Sales: --
- 5-Year Average: --
- BSE Sensex Index Average: 2.0
- Renewable Energy Group Average: 0.9



FORWARD PE

Ę <0

2014

2015

The most recent week's close price divided by the sum of the four upcoming quarterly consensus estimates.

	Forward PE: 5-Year Average: BSE Sensex Index Average: 20.1 Renewable Energy Group Average:
>50	
45	
40	
35	
30	
25	This valuation data is not available
20	
15	
10	
5	

2016

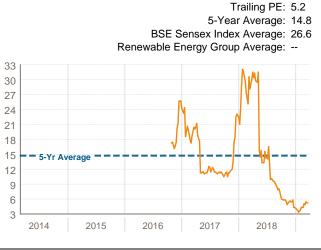
2017

2018



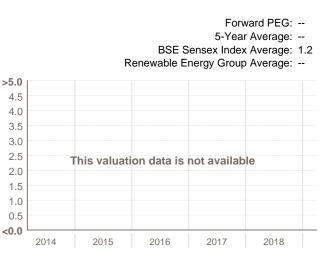
TRAILING PE

The most recent week's close price divided by the sum of the four most recently reported quarterly earnings.



FORWARD PEG

The Forward P/E divided by the five-year forecasted growth rate.

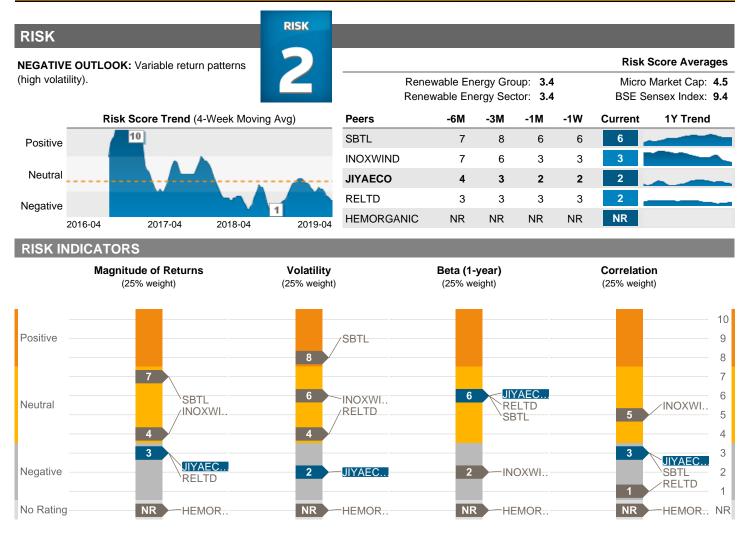




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Daily Returns (L	ast 90 Days)	Standard Deviation		Beta vs. BSE Sensex	1.04	Correlation vs. BSE	Sensex
Best	12.5%	Last 90 Days	4.44	Positive Days Only	1.00	Last 90 Days	9%
Worst	-10.0%	Last 60 Months	20.80	Negative Days Only	1.77	Last 60 Months	17%
Monthly Returns	s (Last 60 Months)	Intra-Day Swing (La	st 90 Days)	Beta vs. Group	0.90	Correlation vs. Grou	р
Best	53.6%	Average	7.5%	Positive Days Only	0.43	Last 90 Days	35%
Worst	-26.5%	Largest	17.2%	Negative Days Only	1.45	Last 60 Months	56%

RISK ANALYSIS

HIGHLIGHTS

- Jiya Eco-Products currently has a Risk Rating of 2, which is significantly below the S&P BSE SENSEX index average rating of 9.4.
- On days when the market is up, JIYAECO tends to perform inline with the S&P BSE SENSEX index. However, on days when the market is down, the shares generally decrease by more than the index does.
- In both short-term and long-term periods, JIYAECO has shown low correlation (>= -0.1 and < 0.2%) with the S&P BSE SENSEX index. Thus, this stock would provide high levels of diversification to a portfolio similar to the broader market.
- Over the last 90 days, JIYAECO shares have been more volatile than the overall market, as the stock's daily price fluctuations have exceeded that of 97% of S&P BSE SENSEX index firms.

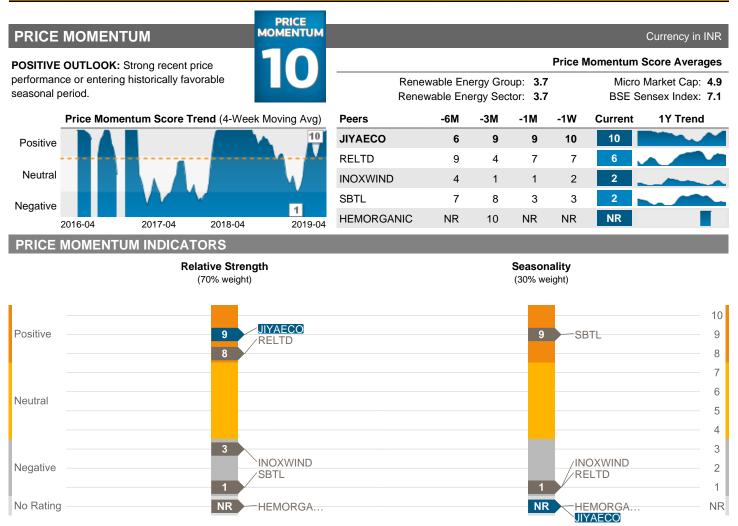
		Las	Last 60	Last 60 Months				
Peers	Best Daily Return	Worst Daily Return	# Days Up	# Days Down	Largest Intra-Day Swing	Best Monthly Return	Worst Monthly Return	
JIYAECO	12.5%	-10.0%	33	30	17.2%	53.6%	-26.5%	
HEMORGANIC								
INOXWIND	13.9%	-7.3%	27	34	15.7%	37.6%	-31.0%	
RELTD	5.0%	-8.9%	26	19	9.6%	96.6%	-30.8%	
SBTL	2.0%	-2.4%	9	31	3.8%	91.0%	-32.0%	
BSE Sensex	1.9%	-1.2%	36	27	1.8%	10.2%	-7.5%	



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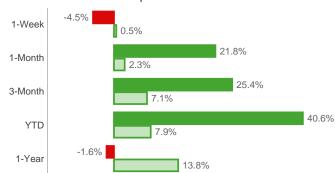
Relative Strength Indicator (Scale from 1 to 100)							
	JIYAECO	Industry Avg					
Last 1 Month	61	52					
Last 3 Months	56	51					
Last 6 Months	54	51					

JIYAECO

BSE Sensex

PRICE PERFORMANCE

Daily close prices are used to calculate the performance of the stock as compared to a relevant index over five time periods.



Average Monthly Return (Last 10 Years)

	APR	MAY	JUN
Company Avg	18.1%	-5.7%	5.3%
Industry Avg			
Industry Rank			

	JIYAECO	BSE Sensex
Close Price (2019-04-15)	59.05	38,906
52-Week High	79.00	39,057
52-Week Low	32.10	33,349

- The Price Momentum Rating of 10 for Jiya Eco-Products is its highest value for the past year.

- On 2019-04-15, JIYAECO closed at 59.05, 25.3% below its 52-week high and 84.0% above its 52-week low.

 JIYAECO shares are currently trading 22.3% above their 50day moving average of 48.30, and 20.8% above their 200-day moving average of 48.90.

The Financial and Risk business of Thomson Reuters is now Refinitiv.

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DETAILED STOCK REPORT TIPS

The Thomson Reuters Stock Report is a comprehensive, company-specific analysis that includes a proprietary Stock Rating along with underlying component indicators and supportive data elements. The report is updated daily, although some of the data elements and the ratings are updated weekly.

Average Score

The Average Score combines a quantitative analysis of five widely-used investment decision making tools - Earnings, Fundamental, Relative Valuation, Risk, and Price Momentum. First, a simple average of the five underlying component ratings is calculated. Then, a normal distribution is used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A score of 8 to 10 is considered positive, 4 to 7 is neutral, and 1 to 3 is negative. These five factors may be evaluated differently using alternative methodologies, and the importance of individual factors varies across industry groups, market capitalization and investment styles. Additional criteria should always be used to evaluate a stock.

A company must have sufficient data available for at least three of the five component indicators in order to receive an overall Average Score. Approximately 85% of the stocks within the coverage universe meet the criteria to generate a score.

Indicator Components

The five indicators that comprise the stock rating are displayed. Like the stock rating, the component rating scale is 1 to 10, with 10 being best. A company will receive an 'NR' for No Rating if the required data elements or criteria are not met. A detailed section for each component is included in the report.

Indicator Trends

Within each component section, historical score trends are displayed, typically using a 4-week moving average over a timeframe of the past three years. The dotted orange line indicates the average of the scores over those three years. The most recent occurrences of the best and worst scores are also displayed on the chart in grey boxes to put the current score into historical context.

Next to the trend chart for the company, current score averages are included, along with peer company comparisons of values from 6 months ago, 3 months ago, 1 month ago, the most recent value from 1 week ago, and the current score. The four closest industry peers are presented based on similar market capitalization.

Peer Analysis

The Thomson Reuters Business Classification (TRBC) system is used for industry comparisons. It is designed to track and display the primary business of a corporation by grouping together correlated companies that offer products and services into similar end markets. The system includes 10 Economic Sectors, 28 Business Sectors, 54 Industry Groups, and 136 Industries.

The Peer Analysis section of the report compares the company to its ten closest peers. The peers are selected from the industry based on similar market capitalization. The peer listing may have fewer than ten companies if there are fewer than ten companies within that industry classification.

Highlights

The Thomson Reuters proprietary automated text-generation system creates highlights summarizing the most noteworthy data. The bullets will vary by company and will change from week to week as different criteria are met.

Earnings

The Earnings Rating is based on a combination of three factors: earnings surprise, estimate revision, and recommendation changes. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the three earnings factors in order to receive a score.

Earnings Surprises - The number of positive and negative surprises within the last 4 periods (quarters or years).

Estimate Revisions - The number of up and down revisions and the average percentage change of those revisions within a 4 week period.

Recommendation Changes - The number of broker upgrades and downgrades in the last 120 days.

Price Target

The price target is based on the predictions of analysts covering the stock and shows the high, low and mean price expected within the next 12 months.

Earnings Per Share

The quarterly and annual earnings per share are presented when available, along with the mean, high and low. Quarterly data is displayed for the past 4 quarters (actual) and the next 2 quarters (estimated). Annual data is displayed for the past 2 years (actual) and the next 2 years (estimated).

The Financial and Risk business of **Thomson Reuters** is now Refinitiv

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Mean Estimate Trend

The mean estimates show how the consensus has changed over the past 30 days and 90 days for the upcoming two quarters (when available) and two years. The percentage change is calculated for the company as a means for comparison by measuring the difference between the current consensus estimate and that of 90 days ago.

Analyst Recommendations The I/B/E/S Mean is the average recommendation of all analysts covering the stock, as provided by Thomson Reuters I/B/E/S (Institutional Brokers Estimate System). The recommendations are presented on a five-point standardized scale: strong buy, buy, hold, reduce, and sell.

Earnings Surprises

The surprise summary includes the total number of time periods (and percentage) in the last 12 quarters (quarterly) or last 4 years (annual) in which earnings surprises were positive, negative, or in-line. In order to be recognized as a positive or negative surprise, the percent must be greater than 2% above or 2% below the consensus, respectively.

The surprise detail section includes a listing of the company's quarterly earnings reported for the most recent 6 periods (quarters or years). The consensus analyst estimate is provided to determine if the actual earnings report represented a positive surprise, negative surprise, or in-line result.

Fundamental

The Fundamental Rating is based on a combination of four fundamental component factors: profitability, debt, earnings quality, and dividend. Companies that do not pay a dividend are not penalized. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have at least two of the four fundamental factors present in order to receive a score.

Profitability is comprised of four data elements.

- Revenue Growth: (Net Sales Previous Net Sales) / Previous Net Sales
- Gross Margin: Gross Profit / Net Sales
- Return on Equity: Net Income / Total Equity
- Net Margin: Net Profit / Net Sales
- Debt is comprised of four data elements.
- Current Ratio: Current Assets / Current Liabilities
- Debt-to-Capital: Total Debt / Total Capital
- Interest Funding: (Interest Expense on Debt + Preferred Cash Dividends) / Funds from Operations
- Interest Coverage: Earnings before Interest and Taxes / (Interest Expense on Debt + Preferred Cash Dividends)
- Earnings Quality is comprised of four data elements.
- Operating Cash Yield: (Operating Cash Flow Net Income) / Net Income Accruals: (Net Income Operating Cash Flow Investing Cash Flow) /
- Average Net Operating Assets Days Sales in Inventory: 365 / (Cost of Goods Sold / Inventory)
- Days Sales in Receivables: 365 / (Net Sales / Receivables)

Dividend is comprised of four data elements. The company must have a current dividend yield.

- Dividend Growth Rate: (Dividends per Share Previous Dividends per Share) / Previous Dividends per Share
- Dividend Payout: Dividends per Share / Earnings per Share
- Dividend Coverage: Funds from Operations / Cash Dividends
- Dividend Yield: Annual Dividends per Share / Current Market Price per Share

Indicator Trend

The fundamental indicator trend displays either quarterly scores over the past three years or annual scores over the past six years, depending on the reporting periods for the country. The best and worst scores can be easily determined from the values shown on the chart for each quarter or year.

<u>Relative Valuation</u> The Relative Valuation Rating is based on a combination of three component factors: Price to Sales (50% weight), Trailing P/E (25% weight), and Forward P/E (25% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. These common valuation metrics are evaluated against the overall market, the index, and the company's own historic 5-year averages. A stock needs to have at least one of the three relative valuation factors in order to receive a score.

Price to Sales: Close Price / (Sales for 4 Quarters or 1 Year / Shares Outstanding)

Trailing P/E: Close Price / Most Recent 4 Quarters or 1 Year of Earnings Forward P/E: Close Price / Upcoming 4 Quarters or 1 Year of Earnings



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Valuation Averages

Negative values are excluded when calculating the averages. A maximum value of 100 is placed on Trailing P/E and Forward P/E, a maximum value of 5 is placed on Forward PEG, and a maximum value of 20 is placed on Price to Sales when calculating the averages. Higher values are rounded down to the maximum for the averages.

Valuation Multiples

The valuation multiples provide the Trailing P/E, Forward P/E, Forward PEG, and Price to Sales for the company and the S&P 500 index average. In addition, a comparison of the current company's values to its 5-year average and an industry average are presented. A discount occurs when the company's ratio is valued more favorably (lower) than that to which it is compared.

Risk

The Risk Rating displays stocks on a scale of 1 to 10 with 10 being awarded to the least risky stocks. It is derived by looking at a series of long-term (5-year) and short-term (90-day) stock performance measures including volatility, magnitude of returns, beta, and correlation. Each factor is equally weighted. Then, equal deciles are used to rank each stock across the market. A stock needs to have at least two of the four risk factors in order to receive a score.

Magnitude of Returns – The best / worst daily returns in the past 90 days and the best / worst monthly returns in the past 60 months.

Volatility – The standard deviation of the stock price over the last 90 days and last 60 months, along with the average and largest intra-day stock swing. Beta – Measures the tendency of a security's returns to respond to swings in the market, based on the beta of the company versus the relevant index. Correlation – Determines how closely the returns of the stock and the relevant index move together, measured over the last 90 days and last 60 months.

Risk Analysis

Price analysis for the company and the relevant index is provided over two time periods. Daily analysis is provided for the last 90 days, whereas monthly statistics are used for the last 60 months.

Price Momentum

The Price Momentum Rating is based on a combination of two technical performance factors: relative strength (70% weight) and seasonality (30% weight). After the weightings are considered to combine individual factors, equal deciles are used to rank each stock across the market on a scale of 1 to 10, with 10 being most favorable. A stock needs to have data for the relative strength factor in order to receive a score.

Relative Strength – The relative strength of the company for the last 1 month, 3 months, and 6 months on a scale of 1 to 100.

Seasonality – The average monthly return (price performance) for the current month and next 2 months for the company and industry, over the past 10 years. A lower industry rank indicates a higher return.

Price Performance

Daily close prices are used to calculate the price performance of the stock. The performance of the relevant index is also displayed as a means of comparison.

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