

American Electric(AEP)

\$82.65 (As of 06/23/21)

Price Target (6-12 Months): **\$88.00**

Long Term: 6-12 Months

Zacks Recommendation:

Neutral

(Since: 02/03/20)

Prior Recommendation: Outperform

Short Term: 1-3 Months

Zacks Rank: (1-5)

3-Hold

Zacks Style Scores:

VGM:D

Value: B

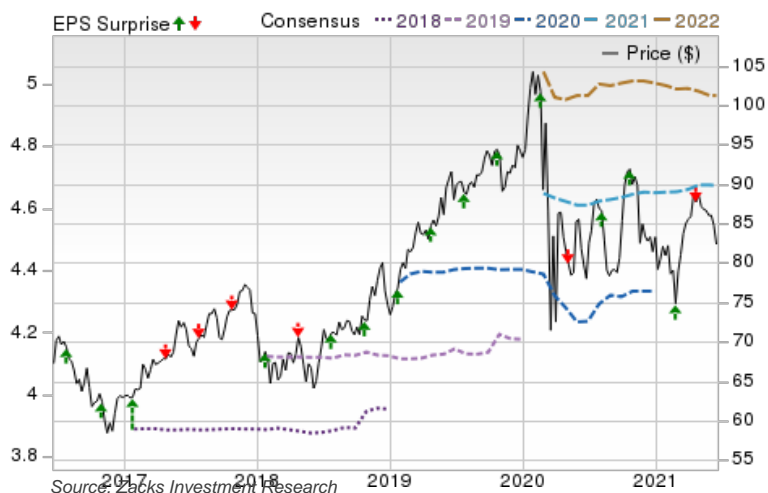
Growth: D

Momentum: F

Summary

American Electric owns the nation's largest electricity transmission system and more than 223,000-miles of distribution lines. Moreover, to drive earnings, it currently plans to invest \$7.5 billion in 2021 and \$29.8 billion over the 2022-2025 period in its core regulated operations, contracted renewables and wires. This will enable it to achieve its long-term earnings growth of 5-7%. As of Mar 31, it had 1,549 MWs of contracted renewable generation projects in service. However, its industrial sales suffered a notable decline in the first quarter due to the Uri storm. Further, its unfavorable financial ratios indicate that it might face difficulties in meeting debt obligations. If the severity of the economic disruption increases, its future results might get hurt. In the past year, its shares have underperformed the industry.

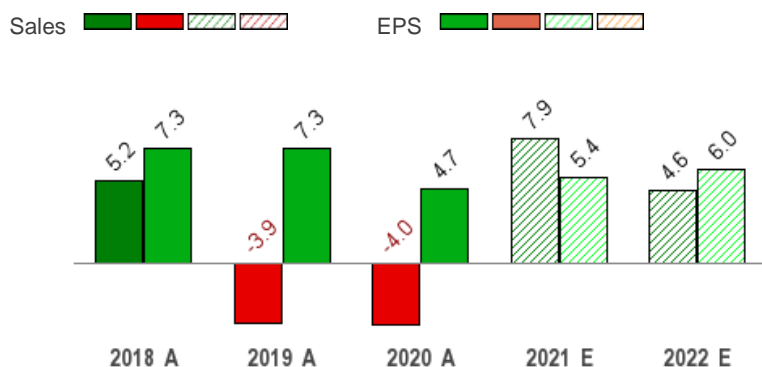
Price, Consensus & Surprise



Data Overview

52-Week High-Low	\$94.21 - \$74.80
20-Day Average Volume (Shares)	2,793,072
Market Cap	\$41.3 B
Year-To-Date Price Change	-0.7%
Beta	0.26
Dividend / Dividend Yield	\$2.96 / 3.6%
Industry	Utility - Electric Power
Zacks Industry Rank	Bottom 21% (198 out of 252)

Sales and EPS Growth Rates (Y/Y %)



Sales Estimates (millions of \$)

	Q1	Q2	Q3	Q4	Annual*
2022					16,870 E
2021	4,281 A	3,820 E	4,425 E	4,055 E	16,125 E
2020	3,748 A	3,494 A	4,100 A	3,611 A	14,943 A

EPS Estimates

	Q1	Q2	Q3	Q4	Annual*
2022	\$1.37 E	\$1.26 E	\$1.29 E	\$1.01 E	\$4.96 E
2021	\$1.15 A	\$1.12 E	\$1.49 E	\$0.89 E	\$4.68 E
2020	\$1.02 A	\$1.08 A	\$1.47 A	\$0.87 A	\$4.44 A

*Quarterly figures may not add up to annual.

Last EPS Surprise	-6.5%
Last Sales Surprise	4.1%
EPS F1 Estimate 4-Week Change	0.0%
Expected Report Date	08/05/2021
Earnings ESP	0.0%
P/E TTM	18.1
P/E F1	17.7
PEG F1	3.1
P/S TTM	2.7

The data in the charts and tables, except sales and EPS estimates, is as of 06/23/2021. The report's text, and the analyst-provided sales

estimates, EPS estimates and price target are as of 06/24/2021.

Overview

Columbus, OH-based American Electric Power Company, Inc. is a public utility holding company, which, through directly and indirectly owned subsidiaries, generates, transmits and distributes electricity, natural gas and other commodities. The company was incorporated in 1906. It is one of the largest integrated utilities in the United States, serving more than 5.5 million customers in 11 states. It has roughly 24,400 MW of generating capacity, of which almost 49.6% are coal-fired as of Dec. 31 and nearly 40,000 miles of electricity transmission system network. Its service area covers Arkansas, Indiana, Kentucky, Louisiana, Michigan, Ohio, Oklahoma, Tennessee, Texas, Virginia and West Virginia. Approximately 70% of the company's power is generated from coal and lignite, 17% from nuclear energy, 12% from natural gas and oil, and the remaining 1% from wind, water, pumped storage and other sources. The company mainly operates under the following business segments:

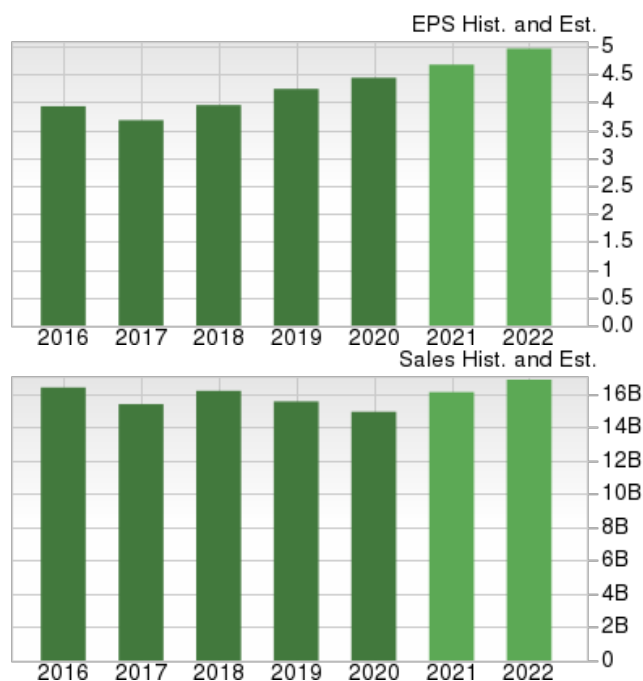
Vertically Integrated Utility Operations: Revenues during 2020 came in at \$8,879.4 million, contributing 55% to the company's total revenues.

Transmission & Distribution Utilities: Revenues during 2020 came in at \$4,345.9 million, contributing 26.9% to the company's total revenues.

AEP Transmission Holdco: Revenues during 2020 came in at \$1,198.8 million, contributing 7.4% to the company's total revenues.

Generation and Marketing: Revenues during 2020 came in at \$1,725.6 million, contributing 10.7% to the company's total revenues.

Its public utility subsidiaries are Appalachian Power Company (APCo), Indiana Michigan Power Company (I&M), Kentucky Power Company (KPCo), Kingsport Power Company (KGPCo), Ohio Power Company (OPCo), Public Service Company of Oklahoma (PSO), Southwestern Electric Power Company (SWEPCo), AEP Texas Central Company (TCC), AEP Texas North Company (TNC), Wheeling Power Company (WPCo), AEP Generating Company (AEGCo) and AEP Transmission Holding.



Reasons To Buy:

▲ American Electric has a stable earnings base of approximately 5.5 million customers across more than 11 states. This provides stability to the company's revenue stream and insulates it from lower sales in any particular service area. Also, the company owns the nation's largest electricity transmission system and more than 223,000-miles of distribution lines. With focus on augmenting its earnings base, American Electric has directed its capital expenditure toward regulated businesses. Notably, to drive earnings, the company currently plans to invest \$7.5 billion in 2021 and \$29.8 billion over the 2022-2025 period in its core regulated operations, contracted renewables and wires. Such hefty investments should enable American Electric to achieve its long-term earnings growth of 5-7%.

Ongoing investments in transmission projects and expanding renewable portfolio bode well for its future earnings

▲ The company's geographically-diversified operations allow it to avail transmission opportunities with better returns compared with its single-state utility peers. The company has approximately 40,000 circuit miles of transmission lines, including approximately 2,200 circuit miles of 765 kV lines, which is the backbone of the electric interconnection grid in the eastern United States. In this context, American Electric aims to invest approximately \$2.04 billion in its transmission and distribution business during 2021, to enhance customer reliability. Such investments should enable the company to make infrastructural upgrades in its transmission and distribution of utility services, thereby weathering adverse climate and offering better facilities. Such an impressive investment approach adopted by American Electric may encourage investors to keep this stock in their portfolio.

▲ American Electric's investment strategy also includes incremental investments in renewable generation projects across the United States. As of Mar 31, 2021, the company had approximately 1,549 MWs of contracted renewable generation projects in service. In addition, its subsidiaries had approximately 239 MWs of renewable generation projects under construction, with total estimated capital costs of \$349 million related to these projects. In 2020, American Electric received regulatory approvals to acquire the North Central Wind Energy Facilities, which comprised three Oklahoma wind facilities totaling 1,485 MWs, for a total investment of \$2 billion. The three wind facilities consist of a 999 MW facility, a 287 MW facility and a 199 MW facility. In April 2021, the company acquired the 199 MW wind facility with an estimated investment of \$307 million. Currently, the 287 MW wind facility is targeted to be acquired and placed in-service in December 2021, while the 999 MW wind facility is targeted to be acquired and placed in-service between December 2021 and April 2022.

Apart from investment in renewable energy, the company is also rapidly reducing its CO2 emission rate to promote green energy. Notably, in February 2021, American Electric announced new intermediate and long-term CO2 emission reduction goals, based on the output of the company's integrated resource plans. The intermediate goal is an 80% reduction from 2000 CO2 emission levels from the company's generating facilities by 2030 and the long-term goal is net-zero CO2 emissions from its generating facilities by 2050. American Electric had estimated CO2 emissions in 2020 to be approximately 44 million metric tons, a 73% reduction from its 2000 CO2 emissions. Its initiatives will expand the company's footprint in the global clean energy space.

Reasons To Sell:

- ▼ During the first quarter, the company's industrial sales volumes declined 6.1% on a year-over-year basis. Notably, industrial sales were down across most industrial sectors, with the biggest declines caused by the storm Uri in February, which brought temporary disruptions to many manufacturing facilities located in ERCOT and SPP regions. The impact of the severe winter weather resulted in power outages and extensive damage to transmission and distribution infrastructures across the service territories of APCo, KPCo and SWEPCo. As of Mar 31, 2021, the company incurred an estimated \$57 million of capital expenditures and \$137 million of restoration expenses related to the severe winter weather. This in turn also affected American Electric's bottom-line performance in the first quarter. This might have hindered investor confidence in the stock. Evidently, the company's shares have gained 4.2% in the past year compared with the industry's growth of 8.9%.
- ▼ The rapid spread of the COVID-19 pandemic around the world and throughout the United States prompted many countries, including the United States, to institute restrictions on travel, public gatherings and certain business operations. These restrictions significantly disrupted economic activity in American Electric service territory and resulted in reduced demand for energy, particularly from commercial and industrial customers. Management expects weather normalized customer demand to continue to improve during 2021 as additional vaccinations occur and economic activity improves. However, it fears that if the severity of the economic disruption increases, the company's future results of operations, financial condition, and cash flows could be further adversely impacted.
- ▼ American Electric Power has a long-term debt of \$30,215 million as of Mar 31, 2021, higher than \$28,986 million as of Dec 31, 2020. Its cash equivalents worth \$523 million as of Mar 31, 2021 remained much lower than the long-term debt level and also witnessed a drop sequentially from \$639 million. Moreover, the cash reserve remained much lower compared with its current debt level of \$5,179 million as of Mar 31, 2021. So, both its current and long-term debt remained significantly higher than the cash reserve, which is discouraging from the solvency point of view.

Moreover, the company's current ratio as of Mar 31, 2021 was 0.42, which being less than 1 indicates that this utility does not possess sufficient capital on hand to meet its short-term obligations. The ratio also declined sequentially. Further, the company's debt-to-capital ratio is 0.63, which increased sequentially and is also the highest in the past eight quarters. Such unfavorable financial ratios, coupled with the company's poor cash reserve balance thus indicates that the company might face difficulties in meeting debt obligations in the near future.

Impact of the coronavirus pandemic and unfavorable financial ratios impose threat to this stock's growth

Last Earnings Report

American Electric Q1 Earnings Miss, Revenues Up Y/Y

American Electric reported first-quarter 2021 adjusted earnings per share of \$1.15, which missed the Zacks Consensus Estimate of \$1.23 by 6.5%. However, the bottom line improved 12.7% from \$1.02 per share in the year-ago quarter.

The company reported GAAP earnings of \$1.16 per share compared with the year-ago quarter's \$1.

Quarter Ending

03/2021

Report Date	Apr 22, 2021
Sales Surprise	4.09%
EPS Surprise	-6.50%
Quarterly EPS	1.15
Annual EPS (TTM)	4.57

Total Revenues

American Electric's first-quarter revenues of \$4.3 billion exceeded the Zacks Consensus Estimate of \$4.1 billion by 4.9%.

Moreover, the reported figure improved 16.2% from the year-ago quarter's \$3.7 billion.

Quarterly Highlights

Total expenses in the quarter were \$1,910.1 million compared with \$1,841.5 million a year ago.

Operating income was \$804.6 million, up 5.5% from \$763 million in the year-ago quarter.

Segmental Performance

Vertically Integrated Utility Operations: Operating earnings in the quarter increased to \$270.4 million from \$247.2 million in the year-ago quarter.

Transmission & Distribution Utilities: Operating earnings were \$114.4 million, down from \$117 million in the year-ago quarter.

AEP Transmission Holdco: This segment generated operating earnings of \$172 million, up from \$140.6 million in the first quarter of 2020.

Generation and Marketing: Operating earnings were \$32.1 million, down from \$34.7 million in the year-ago quarter.

Corporate & Other: Operating losses were \$18.4 million compared with operating losses of \$35.3 million in the year-ago quarter.

Financial Update

As of Mar 31, 2021, American Electric had cash and cash equivalents of \$273.2 million compared with \$392.7 million as of Dec 31, 2020.

Long-term debt was \$30.2 billion as of Mar 31, 2021, compared with \$29 billion as of Dec 31, 2020.

Cash used in operations was \$117.2 million during first-quarter 2021 compared with the cash flow of \$615.7 million in first-quarter 2020.

2021 Guidance

American Electric reaffirmed 2021 operating earnings guidance in the range of \$4.5-\$4.75 per share. The Zacks Consensus Estimate for 2021 earnings, pegged at \$4.67 per share, lies above the midpoint of the guidance range.

Recent News

On **May 3, 2021**, AEP Energy, a subsidiary of American Electric Power and Global Energy Generation LLC (Doral LLC) announced that they have signed a long-term renewable energy purchase agreement for the Mammoth Solar project in Indiana.

Mammoth Solar 1, a 480 megawatt direct current (MWdc) solar energy project, is the first phase of the 1.65 gigawatt direct current (GWdc) Mammoth project being developed by Doral LLC. The Mammoth solar project covers more than 12,000 acres in Starke and Pulaski counties in northern Indiana.

On **Apr 14, 2021**, American Electric Power's 199-megawatt (MW) Sundance Wind Energy Center in north central Oklahoma has begun commercial operation. Located in Woods County, Sundance is one of three wind projects that compose the North Central Energy Facilities, which will provide 1,485 MW of clean energy to customers of AEP's Public Service Company of Oklahoma (PSO) and Southwestern Electric Power Company (SWEPCO) subsidiaries.

On **Mar 4, 2021**, AEP Energy Partners (AEPEP), a subsidiary of American Electric Power Company announced that it is seeking proposals for off-take from new solar, new/repowered wind facilities, and stand-alone or co-located Battery Energy Storage Systems (BESS) located in PJM. For the PJM sited projects, the company is seeking renewable energy purchase agreements of 10, 12 or 15 years for solar, wind facilities (including incremental power from repowering), and BESS that begin operation between 2021 and 2024.

AEPEP will use the contracted offtake to support the company's growing retail, which includes the company's Integrated Renewable Energy (IRE) solution, and wholesale loads in PJM.

Valuation

American Electric Power's shares are down 0.7% in the year-to-date period but up 4.2% over the trailing 12-month period. Stocks in the Zacks sub-industry and the Zacks Utilities sector are up 0.8% and 0.8% in the year-to-date period, respectively. Over the past year, the Zacks sub-industry is up 8.9% whereas the sector is up 11.4%.

The S&P 500 index is up 13.8% in the year-to-date period and 39.6% in the past year.

The stock is currently trading at 17.2X forward 12-month earnings, which compares to 14.9X for the Zacks sub-industry, 13.7X for the Zacks sector and 21.7X for the S&P 500 index.

Over the past five years, the stock has traded as high as 23.6X and as low as 15.8X, with a 5-year median of 18.3X. Our Neutral recommendation indicates that the stock will perform in line with the market. Our \$88 price target reflects 18.3X forward 12-month earnings.

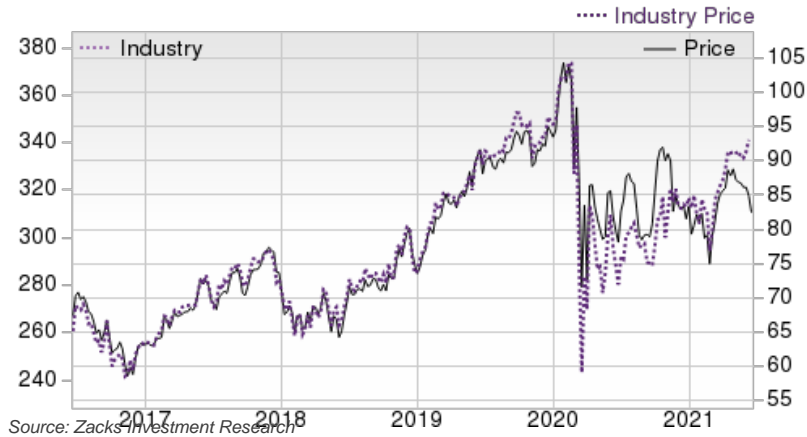
The table below shows summary valuation data for AEP

Valuation Multiples - AEP					
		Stock	Sub-Industry	Sector	S&P 500
P/E F12M	Current	17.18	14.9	13.67	21.66
	5-Year High	23.6	16.07	15.34	23.83
	5-Year Low	15.79	11.61	11.37	15.31
	5-Year Median	18.29	13.43	13.82	18.05
P/S F12M	Current	2.52	2.48	2.81	4.71
	5-Year High	3.06	2.56	3.17	4.74
	5-Year Low	1.81	1.79	1.78	3.21
	5-Year Median	2.37	2.13	2.2	3.72
P/B TTM	Current	1.95	1.89	3.63	7.6
	5-Year High	2.59	2.11	3.87	7.08
	5-Year Low	1.65	1.32	2.26	3.84
	5-Year Median	1.97	1.72	2.62	5.02

As of 06/23/2021

Source: Zacks Investment Research

Industry Analysis Zacks Industry Rank: Bottom 21% (198 out of 252)



Top Peers

Company (Ticker)	Rec	Rank
The AES Corporation (AES)	Neutral	4
Dominion Energy Inc. (D)	Neutral	3
DTE Energy Company (DTE)	Neutral	3
Duke Energy Corporation (DUK)	Neutral	3
Consolidated Edison Inc (ED)	Neutral	3
Energias de Portugal (EDPFY)	Neutral	4
Edison International (EIX)	Neutral	3
RWE AG (RWEQY)	Neutral	2

The positions listed should not be deemed a recommendation to buy, hold or sell.

Industry Comparison Industry: Utility - Electric Power				Industry Peers		
	AEP	X Industry	S&P 500	D	DUK	RWEQY
Zacks Recommendation (Long Term)	Neutral	-	-	Neutral	Neutral	Neutral
Zacks Rank (Short Term)	3	-	-	3	3	2
VGM Score	D	-	-	B	B	D
Market Cap	41.30 B	11.75 B	29.87 B	60.13 B	76.33 B	22.15 B
# of Analysts	6	2.5	12	3	6	2
Dividend Yield	3.58%	3.26%	1.35%	3.38%	3.89%	2.03%
Value Score	B	-	-	C	B	A
Cash/Price	0.01	0.06	0.06	0.01	0.00	0.50
EV/EBITDA	11.42	10.93	17.12	16.94	15.63	2.12
PEG F1	3.05	3.50	2.05	2.88	3.67	NA
P/B	1.95	1.58	4.07	2.44	1.60	0.91
P/CF	8.04	8.16	17.35	10.41	7.80	4.41
P/E F1	17.66	18.08	20.98	19.33	19.20	18.43
P/S TTM	2.67	2.04	3.36	4.12	3.17	1.29
Earnings Yield	5.66%	5.42%	4.69%	5.18%	5.21%	5.44%
Debt/Equity	1.42	1.07	0.66	1.35	1.15	0.22
Cash Flow (\$/share)	10.28	4.53	6.83	7.16	12.72	8.16
Growth Score	D	-	-	B	B	F
Historical EPS Growth (3-5 Years)	4.49%	4.91%	9.59%	2.97%	2.60%	NA
Projected EPS Growth (F1/F0)	5.29%	5.89%	21.62%	8.95%	0.94%	-9.91%
Current Cash Flow Growth	5.59%	5.03%	0.99%	-9.06%	4.93%	113.92%
Historical Cash Flow Growth (3-5 Years)	5.20%	5.85%	7.28%	9.51%	6.66%	-7.65%
Current Ratio	0.42	0.88	1.39	0.56	0.49	1.54
Debt/Capital	58.74%	51.64%	41.51%	55.15%	52.45%	17.73%
Net Margin	14.72%	9.04%	11.95%	6.01%	5.95%	8.25%
Return on Equity	10.93%	9.41%	16.48%	12.39%	8.68%	0.13%
Sales/Assets	0.19	0.22	0.51	0.15	0.15	0.24
Projected Sales Growth (F1/F0)	7.84%	3.56%	9.54%	-1.50%	5.08%	0.00%
Momentum Score	F	-	-	C	A	D
Daily Price Change	-0.73%	-0.78%	-0.11%	-1.45%	-1.17%	-0.14%
1-Week Price Change	-2.84%	-3.11%	0.43%	-3.23%	-2.28%	-4.18%
4-Week Price Change	-3.62%	-1.65%	1.09%	-1.84%	-1.86%	-7.83%
12-Week Price Change	-2.42%	0.07%	6.77%	-1.86%	2.80%	-8.11%
52-Week Price Change	2.40%	16.59%	39.06%	-9.72%	23.31%	2.10%
20-Day Average Volume (Shares)	2,793,072	281,513	1,889,295	3,550,194	2,854,223	54,660
EPS F1 Estimate 1-Week Change	0.00%	0.00%	0.00%	0.04%	0.10%	0.00%
EPS F1 Estimate 4-Week Change	0.00%	0.00%	0.01%	0.24%	0.03%	0.00%
EPS F1 Estimate 12-Week Change	0.32%	0.42%	3.54%	-0.22%	-0.77%	-4.17%

Past performance is no guarantee of future results. Please see important disclosures and definitions at the end of this report.

EPS Q1 Estimate Monthly Change	-0.67%	:	0.00%	0.00%	:	0.00%	0.68%	NA
Source: Zacks Investment Research								

Zacks Stock Rating System

We offer two rating systems that take into account investors' holding horizons: Zacks Rank and Zacks Recommendation. Each provides valuable insights into the future profitability of the stock and can be used separately or in combination with each other depending on your investment style.

Zacks Recommendation

The Zacks Recommendation aims to predict performance over the next 6 to 12 months. The foundation for the quantitatively determined Zacks Recommendation is trends in the company's estimate revisions and earnings outlook. The Zacks Recommendation is broken down into 3 Levels; Outperform, Neutral and Underperform. Unlike many Wall Street firms, we maintain a balance between the number of Outperform and Neutral recommendations. Our team of 70 analysts are fully versed in the benefits of earnings estimate revisions and how that is harnessed through the Zacks quantitative rating system. But we have given our analysts the ability to override the Zacks Recommendation for the 1200 stocks that they follow. The reason for the analyst over-rides is that there are often factors such as valuation, industry conditions and management effectiveness that a trained investment professional can spot better than a quantitative model.

Zacks Rank

The Zacks Rank is our short-term rating system that is most effective over the one- to three-month holding horizon. The underlying driver for the quantitatively-determined Zacks Rank is the same as the Zacks Recommendation, and reflects trends in earnings estimate revisions.

Zacks Style Scores

The Zacks Style Score is as a complementary indicator to the Zacks rating system, giving investors a way to focus on the highest rated stocks that best fit their own stock picking preferences.

Academic research has proven that stocks with the best Value, Growth and Momentum characteristics outperform the market. The Zacks Style Scores rate stocks on each of these individual styles and assigns a rating of A, B, C, D and F. We also produce the VGM Score (V for Value, G for Growth and M for Momentum), which combines the weighted average of the individual Style Scores into one score. This is perfectly suited for those who want their stocks to have the best scores across the board.

As an investor, you want to buy stocks with the highest probability of success. That means buying stocks with a Zacks Recommendation of Outperform, which also has a Style Score of an A or a B.

Value Score	B
Growth Score	D
Momentum Score	F
VGM Score	D

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Returns quoted represent past performance which is no guarantee of future results. Investment returns and principal value will fluctuate so that when shares are redeemed, they may be worth more or less than their original cost. Current performance may be higher or lower than the performance shown.

Investing involves risk; principal loss is possible. There is no guarantee that companies that can issue dividends will declare, continue to pay or increase dividends.

Glossary of Terms and Definitions

52-Week High-Low: The range of the highest and lowest prices at which a stock has traded during the past year. This range is determined based on the stock's daily closing price which may differ from the intra-day high or low. Many investors use it as a technical indicator to determine a stock's current value and future price movement. The idea here is that if price breaks out from the 52-week range, in either direction, the momentum may continue in the same direction.

20-Day Average Volume (Shares): The average number of shares of a company traded in a day over the last 20 days. It is a direct indication of a security's overall liquidity. The higher the average daily trading volume, the easier it is to enter or exit the stock at a desired price with more buyers and sellers being available.

Daily Price Change: This is the percentage difference between a trading day's closing price and the prior trading day's closing price. This item is updated at 9 p.m. EST each day.

1-Week Price Change: This is the percentage change in a stock's closing price over the last 5 trading days. This change reflects the collective buying and selling sentiment over the 1-week period.

A strong weekly price increase for the stock, especially when accompanied by increased volume, is an indication of it gaining momentum.

4-Week Price Change: This is the percentage change in a stock's closing price over the last 20 trading days or past 4 weeks. This is a medium-term price change metric and an indication of the stock gaining momentum.

12-Week Price Change: This is the percentage change of a stock's closing price over the last 60 trading days or past 12 weeks. Similar to 4-week price change, this is a medium-term price change metric. It shows whether a stock has been enjoying strong investor demand, or if it has been in consolidation, or distress over this period.

52-Week Price Change: This is the percentage change in a stock's closing price over the last 260 trading days or past 52 weeks. This long-term price change metric is a good reference point for investors. Some investors seek stocks with the best percentage price change over the last 52 weeks, expecting the momentum to continue.

Market Cap: The number of outstanding common shares of a company times its latest price per share. This figure represents a company's size, which indicates various characteristics, including price stability and risk, in which investors could be interested.

Year-To-Date Price Change: Change in a stock's daily closing price in the period of time beginning the first day of the current calendar year through to the previous trading day.

of Analysts: Number of EPS estimates used in calculating the current-quarter consensus. These estimates come from the brokerage analysts tracking this stock. However, the number of such analysts tracking this stock may not match the number of estimates, as all brokerage analysts may not come up with an estimate or provide it to us.

Beta: A measure of risk commonly used to compare the volatility of a stock to the overall market. The S&P 500 Index is the base for calculating beta and carries a value of 1. A stock with beta below 1 is less risky than the market as a whole. And a stock with beta above 1 is riskier.

Dividend: The portion of earnings a company is expected to distribute to its common shareholders in the next 12 months for each share they own. Dividends are usually paid quarterly. Dividend payments reflect positively on a company and help maintain investors' trust. Investors typically find dividend-paying stocks appealing because the dividend adds to any market price appreciation to result in higher return on investment (ROI). Moreover, a steady or increasing dividend payment provides investors a cushion in a down market.

Dividend Yield: The ratio of a company's annual dividend to its share price. The annual dividend used in the ratio is calculated based on the most recent dividend paid by the company. Dividend yield is an estimate of the dividend-only return from a stock in the next 12 months. Since dividend itself doesn't change frequently, dividend yield usually changes with a stock's price movement. As a result, often an unusually high dividend yield is a result of weak stock price.

S&P 500 Index: The Standard & Poor's 500 (S&P 500) Index is an unmanaged group of securities considered to be representative of the stock market in general. It is a market-capitalization-weighted index of stocks of the 500 largest U.S. companies. Each stock's weight in the index is

proportionate to its market value.

Industry: One of the 250+ groups that Zacks classifies all stocks into based on the nature of business. These groups are termed as expanded (aka "X") industries and map to their respective (economic) sectors; Zacks has 16 sectors.

Zacks Industry Rank: The Zacks Industry Rank is determined by calculating the average Zacks Rank for all stocks in the industry and then assigning an ordinal rank to it. For example, an industry with an average Zacks Rank of 1.6 is better than an industry with an average Zacks Rank of 2.3. So, the industry with the better average Zacks Rank would get a better Zacks Industry Rank. If an industry has the best average Zacks Rank, it would be considered the top industry (1 out of 250+), which would place it at the top 1% of Zacks-ranked industries. Studies have shown that roughly half of a stock's price movement can be attributed to the industry group it belongs to. In fact, the top 50% of Zacks-ranked industries outperforms the bottom 50% by a factor of more than 2 to 1.

Last EPS Surprise: The percentage deviation of a company's last reported earnings per share from the Zacks Consensus Estimate. Companies with a positive earnings surprise are more likely to surprise again in the future (or miss again if they recently missed).

Last Sales Surprise: The percentage deviation of a company's last reported sales from the Zacks Consensus Estimate.

Expected Report Date: This is an estimated date of a company's next earnings release. The information originated or gathered by Zacks Investment Research from its information providers or publicly available sources is the basis of this estimate.

Earnings ESP: The Zacks Earnings ESP compares the Most Accurate Estimate to the Zacks Consensus Estimate for the yet-to-be reported quarter. The Most Accurate Estimate is the most recent version of the Zacks Consensus EPS Estimate. The idea here is that analysts revising their estimates closer to an earnings release have the latest information, which could potentially be more accurate than what they and others contributing to the consensus had predicted earlier. Thus, a positive or negative Earnings ESP reading theoretically indicates the likely deviation of the actual earnings from the consensus estimate. However, the model's predictive power is significant for positive ESP readings only. A positive Earnings ESP is a strong predictor of an earnings beat, particularly when combined with a Zacks Rank #1 (Strong Buy), #2 (Buy) or #3 (Hold). Our research shows that stocks with this combination produce a positive surprise nearly 70% of the time.

Periods:

TTM: Trailing 12 months. Using TTM figures is an effective way of analyzing the most-recent financial data in an annualized format that helps neutralize the effects of seasonality and other quarter-to-quarter variation.

F1: Current fiscal year. This period is used to analyze the estimates for the ongoing full fiscal year.

F2: Next fiscal year. This period is used to analyze the estimates for the next full fiscal year.

F12M: Forward 12 months. Using F12M figures is an effective way of analyzing the near-term (the following four unreported quarters) estimates in an annualized manner. Instead of typically representing estimates for the full fiscal year, which may not represent the nitty-gritty of each quarter, F12M figures suggest an all-inclusive annualized estimate for the following four quarters. The annualization helps neutralize the potential effects of seasonality and other quarter-to-quarter variations.

P/E Ratio: The price-to-earnings ratio measures a company's current market price per share relative to its earnings per share (EPS). Usually, the trailing-12-month (TTM) EPS, current-fiscal-year (F1) EPS estimate, or forward-12-month (F12M) EPS estimate is used as the denominator. In essence, this ratio shows what the market is willing to pay today for each dollar of EPS. In other words, this ratio gives a sense of what the relative value of the company is at the already reported level of earnings or at a future level of earnings.

It is one of the most widely-used multiples for determining the value of a company and helps comparing its valuation with that of a competitor, the industry group or a benchmark.

PEG Ratio: The price/earnings to growth ratio is a stock's P/E ratio using current fiscal year (F1) EPS estimate divided by its expected EPS growth rate over the coming 3 to 5 years. This ratio essentially determines a stock's value by factoring in the company's expected earnings growth and is thus believed to provide a more complete picture than just the P/E ratio, particularly for faster-growing companies.

P/S Ratio: The price-to-sales ratio is calculated as a company's current price per share divided by trailing 12 months (TTM) sales or revenues per share. This ratio shows what the market is willing to pay today for each dollar of TTM sales per share. The P/S ratio is at times the only valuation metric when the company has yet to become profitable.

Cash/Price Ratio: The cash-to-price ratio or Cash Yield is calculated as cash and marketable securities per share divided by the company's current share price. Like the earnings yield, which shows the anticipated yield (or return) on a stock from earnings for each dollar invested, the cash yield does the same, with cash being the source of return instead of earnings. For example, a cash/price ratio of 0.08 suggests a return of 8% or 8 cents for every \$1 investment.

EV/EBITDA Ratio: The EV/EBITDA ratio, also known as Enterprise Multiple, is calculated as a company's enterprise value (market capitalization + value of total long-term debt + book value of preferred shares - cash and marketable securities) divided by EBITDA (earnings before interest, taxes, depreciation and amortization). Usually, trailing-12-month (TTM) or forward-12-month (F12M) EBITDA is used as the denominator.

EV/Sales Ratio: The enterprise value-to-sales ratio is calculated as a company's enterprise value (market capitalization + value of total long-term debt + book value of preferred shares - cash and marketable securities) divided by annual sales. It is an expansion of the P/S valuation, which uses market value instead of enterprise value. The EV/Sales ratio is perceived as more accurate than P/S, in part, because the market capitalization does not take a company's debt into account when valuing it.

EV/CF Ratio: The enterprise value-to-cash flow ratio is calculated as a company's enterprise value (market capitalization + value of total long-

term debt + book value of preferred shares - cash and marketable securities) divided by the trailing-12-month (TTM) operating cash flow. It's a measure of how long it would take to buy the entire business if you were able to use all the company's operating cash flow.

The EV/CF ratio is perceived as more accurate than the P/CF ratio, in part, because the market price does not take a company's debt into account when valuing it.

EV/FCF Ratio: The enterprise value-to-free cash flow metric compares a company's enterprise value to its trailing-12-month (TTM) free cash flow (FCF). This metric is very similar to the EV/CF ratio, but is considered a more exact measure owing to the fact that it uses free cash flow, which subtracts capital expenditures (CAPEX) from a company's total operating cash flow, thereby reflecting the actual cash flow available for funding growth activities and payments to shareholders.

P/EBITDA Ratio: The P/EBITDA ratio is calculated as a company's per share market value divided by EBITDA (earnings before interest, taxes, depreciation, and amortization). This metric is very similar to the EV/EBITDA ratio, but is considered a little less exact measure as it uses market price, which does not take a company's debt into account. However, since EBITDA is often considered a proxy for cash income, the metric is used as a measure of what the market is willing to pay today for each dollar of the company's cash profitability in the trailing 12 months (TTM) or forward 12 months (F12M).

P/B Ratio: The price-to-book ratio is calculated as a company's current price per share divided by its book value (total assets – liabilities – preferred stocks) per share. In short, the book value is how much a company is worth. In other words, it reflects the total value of a company's assets that its common shareholders would receive if it were to be liquidated. So, the P/B ratio indicates whether you're paying higher or lower than what would remain if the company went bankrupt immediately. Investors typically use this metric to determine how a company's stock price stacks up to its intrinsic value.

P/TB Ratio: The price-to-tangible-book value ratio is calculated as the per share market value of a company divided by the value of its tangible assets (total assets – liabilities – preferred stocks – intangible assets) per share. Tangible book value is the same thing as book value except it excludes the value of intangible assets to get a step closer to the baseline value of the company.

P/CF Ratio: The price-to-cash flow ratio measures a company's per share market price relative to its trailing-12-month (TTM) operating cash flow per share. This metric is used to determine whether a company is undervalued or overvalued relative to another stock, industry or sector. And like the P/E ratio, a lower number is typically considered better from the value perspective.

One of the reasons why P/CF ratio is often preferred over P/E ratio is the fact that operating cash flow adds back non-cash expenses such as depreciation and amortization to net income. This feature helps valuing stocks that have positive cash flow but are not profitable because of large noncash charges.

P/FCF Ratio: The price-to-free cash flow ratio is an extension of P/CF ratio, which uses trailing-12-month (TTM) free cash flow per share instead of operating cash flow per share. This metric is considered a more exact measure than P/CF ratio, as free cash flow subtracts capital expenditures (CAPEX) from a company's total operating cash flow, thereby reflecting the actual cash flow available for funding activities that generate additional revenues.

Earnings Yield: The earnings yield is calculated as current fiscal year (F1) EPS estimate divided by the company's current share price. The ratio, which is the inverse of the P/E ratio, measures the anticipated yield (or return) from earnings for each dollar invested in a stock today.

For example, earnings yield for a stock, which is trading at \$35 and expected to earn \$3 per share in the current fiscal year (F1), would be 0.0857 ($3/35 = 0.0857$) or 8.57%. In other words, for \$1 invested in the stock today, the yield from earnings is anticipated to be 8.57 cents.

Investors most commonly compare the earnings yield of a stock to that of a broad market index (such as the S&P 500) and prevailing interest rates, such as the current 10-year Treasury yield. Since bonds and stocks compete for investors' dollars, stock investors typically demand a higher yield for the extra risk they assume compared to investors of U.S. Treasury-backed securities that offer virtually risk-free returns. This additional return is referred to as the risk premium.

Debt/Equity Ratio: The debt-to-equity ratio is calculated as a company's total liabilities divided by its shareholder equity. This metric is used to gauge a company's financial leverage. In other words, it is a measure of the degree to which a company is financing its operations through debt versus its own funds. The higher the ratio, the higher the risk for shareholders.

However, this ratio is difficult to compare across industry groups where ideal amounts of debt vary. Some businesses are more capital intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-equity ratio should be compared with other companies in the same industry.

Cash Flow (\$/share): Cash flow per share is calculated as operating cash flow (after-tax earnings + depreciation + other non-cash charges) divided by common shares outstanding. It is used by many investors as a measure of a company's financial strength. Since cash flow per share takes into consideration a company's ability to generate cash by adding back non-cash expenses, it is regarded by some as a more accurate measure of a company's financial situation than earnings per share, which could be artificially deflated.

Current Ratio: The current ratio or liquidity ratio is a company's current assets divided by its current liabilities. It measures a company's ability to pay short-term obligations. A current ratio that is in line with the industry average or slightly higher is generally considered acceptable. A current ratio that is lower than the industry average would indicate a higher risk of distress or default. A higher number is usually better. However, a very high current ratio compared to the industry average could be an indication of inefficient use of assets by management.

Debt/Capital Ratio: Debt-to-capital ratio is a company's total debt (interest-bearing debt + both short- and long-term liabilities) divided its total capital (interest-bearing debt + shareholders' equity). It is a measure of a company's financial leverage. All else being equal, the higher the debt-to-capital ratio, the riskier the stock.

However, this ratio can vary widely from industry to industry, the ideal amount of required debt being different. Some businesses are more capital

intensive than others and typically require higher debt to finance their operations. So, a company's debt-to-capital ratio should be compared with the same for its industry.

Net Margin: Net margin is calculated as net income divided by sales. It shows how much of each dollar in sales generated by a company translates into profit. For example, if a company's net margin is 15%, its net income is 15 cents for every \$1 of sales it makes.

A change in margin can reflect either a change in business conditions, or a company's cost controls, or both. If a company's expenses are growing faster than sales, its net margin will decline. However, different net margin rates are considered good for different industries, so it's better to compare net margin rates of companies in the same industry group.

Return on Equity: Return on equity (ROE) is calculated as trailing-12-month net income divided by trailing-12-month average shareholder equity (including reinvested earnings). This metric is considered a measure of how effectively management is using a company's assets to generate profits. For example, if a company's ROE is 10%, it creates 10 cents profits for every \$1 shareholder equity, which is basically the company's assets minus debt. A company's ROE deemed good or bad depends on what's normal for its peers or industry group.

Sales/Assets Ratio: The sales-to-assets ratio or asset utilization ratio or asset turnover ratio is calculated as a company's annual sales divided by average assets (average of assets at the beginning of the year and at the year's end). This metric helps investors understand how effectively a company is using its assets to generate sales. For example, a sales-to-assets ratio of 2.5 indicates that the company generated \$2.50 in sales for every \$1 of assets on its books.

The higher the sales-to-assets ratio, the better the company is performing. However, similar to many other ratios, the asset turnover ratio tends to be higher for companies in certain industries/sectors than in others. So, a company's sales-to-assets ratio should be compared with the same for its industry/sector.

Historical EPS Growth (3-5 Years): This is the average annual (trailing-12-month) EPS growth rate over the last 3-5 years. This metric helps investors see how a company's EPS has grown from a long-term perspective.

Note: There are many factors that can influence short-term numbers — a recession will reduce this number, while a recovery will inflate it. The longterm perspective helps smooth out short-term events.

Projected EPS Growth (F1/F0): This is the estimated EPS growth rate for the current financial year. It is calculated as the consensus estimate for the current fiscal year (F1) divided by the reported EPS for the last completed fiscal year (F0).

Current Cash Flow Growth: It measures the latest year-over-year change in operating cash flow. Cash flow growth tells an investor how quickly a company is generating inflows of cash from operations. A positive change in the cash flow is desired and shows that more 'cash' is coming in than going out.

Historical Cash Flow Growth (3-5 Years): This is the annualized change in cash flow over the last 3-5 years. The change in a longer period helps put the current reading into proper perspective. By looking at the rate, rather than the actual dollar value, the comparison across the industry and peers becomes easier.

Projected Sales Growth (F1/F0): This metric looks at the estimated sales growth for the current year. It is calculated as sales estimate for the current fiscal year (F1) divided by the reported sales for the last completed fiscal year (F0).

Like EPS growth, a higher rate is better for sales growth. A look at a company's projected sales growth instantly tells you what the outlook is for their products and services. However, different sales growth rates are considered good for different industries, so it's better to compare sales growth rates of companies in the same industry group.

EPS F1 Estimate 1-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past week. The change in a company's consensus EPS estimate (or earnings estimate revision) has proven to be strongly correlated with the near-term price movement of its shares. It is an integral part of the Zacks Rank.

If a stock's consensus EPS estimate is \$1.10 now versus \$1.00 a week ago, that will be reflected as a 10% upward revision. If, on the other hand, it went from \$1.00 to 90 cents, that would be a 10% downward revision.

EPS F1 Estimate 4-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past four weeks.

A stock's earnings estimate revision in a 1-week period is important. But it's more meaningful to look at the longer-term revision. And, of course, the 4-week change helps put the 1-week change into proper perspective.

EPS F1 Estimate 12-Week Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal year over the past 12 weeks.

This metric essentially shows how the consensus EPS estimate has changed over a period longer than 1 week or 4 weeks.

EPS Q1 Estimate Monthly Change: The percentage change in the Zacks Consensus EPS estimate for the current fiscal quarter over the past four weeks.

While the revision in consensus EPS estimate for the current fiscal year is strongly correlated with the near-term price movement of its shares, the estimate revision for the current fiscal quarter is an important metric as well, especially over the short term, and particularly as a stock approaches its earnings date. If a stock's Q1 EPS estimate decreases ahead of its earnings release, it's usually a negative sign, whereas an increase is a positive sign.