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Dr. Ed Yardeni
516-972-7683
eyardeni@yardeni.com

Joe Abbott
732-497-5306
jabott@yardeni.com

Please visit our sites at
www.yardeni.com
blog.yardeni.com

thinking outside the box
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S&P 500 Independent Power & Energy Traders

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Figure 1.

**S&P 500 INDEPENDENT POWER PRODUCERS & ENERGY TRADERS STOCK PRICE INDEX**
(AES NRG)

- 200-day moving average.
- Ratio scale.
- Source: Standard & Poor’s and Haver Analytics.

Figure 2.

**S&P 500 INDEPENDENT POWER & ENERGY TRADERS INDEX, FORWARD EARNINGS, & VALUATION**

- Independent Power & Energy Traders Index
  03/12/20
- Blue Angels implied price index*
  03/05/20

* Implied price index calculated using forward earnings times forward P/Es.
* Source: Standard & Poor’s Corporation and I/B/E/S data by Refinitiv.
Forward Revenues & Earnings with Annual Squiggles

Figure 3.

S&P 500 INDEPENDENT POWER & ENERGY TRADERS REVENUES PER SHARE
(analysts’ average forecasts, ratio scale)

Consensus Forecasts
- Annual estimates
- Forward revenues*

* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly.
Source: I/B/E/S data by Refinitiv.

Figure 4.

S&P 500 INDEPENDENT POWER PRODUCERS & ENERGY TRADERS OPERATING EPS
(analysts’ average forecasts, ratio scale)

Consensus Forecasts
- Annual estimates
- Forward earnings*

* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly.
Source: I/B/E/S data by Refinitiv.
Figure 5.

S&P 500 INDEPENDENT POWER PRODUCERS & ENERGY TRADERS
ANNUAL REVENUE GROWTH FORECASTS*
(based on analysts’ consensus estimates, percent, weekly)

2011 (6.5)
2012 (4.3)
2013 (11.7)
2014 (17.5)
2015 (-5.0)
2016 (-5.1)
2017 (3.5)
2018 (1.6)
2019 (4.4)
2020 (5.9)

Latest data thru 03/05/20

Source: I/B/E/S data by Refinitiv.

Figure 6.

S&P 500 INDEPENDENT POWER PRODUCERS & ENERGY TRADERS
ANNUAL EARNINGS GROWTH FORECASTS*
(based on analysts’ consensus estimates, percent, weekly)

2011 (-12.3)
2012 (2.4)
2013 (47.5)
2014 (50.0)
2015 (-10.9)
2016 (36.1)
2017 (27.5)
2018 (50.0)
2019 (46.7)
2020 (6.0)
2021 (8.9)

Latest data thru 03/05/20

Source: I/B/E/S data by Refinitiv.
Figure 7.

S&P 500 INDEPENDENT POWER & ENERGY TRADERS PROJECTED PROFIT MARGIN
(using analysts’ average earnings and revenues forecasts)

Consensus Forecasts
- Annual estimates
- Forward profit margin* (9.0)

* Time-weighted average of the consensus estimates for current year and next year. Monthly through December 2005, weekly thereafter.
Source: I/B/E/S data by Refinitiv.

Figure 8.

S&P 500 INDEPENDENT POWER PRODUCERS & ENERGY TRADERS NET EARNINGS REVISIONS*

* Three-month moving average of the number of forward earnings estimates up less number of estimates down, expressed as a percentage of the total number of forward earnings estimates.
Source: I/B/E/S data by Refinitiv.
**Figure 9.**

S&P 500 INDEPENDENT POWER & ENERGY TRADERS STRG, STEG, & LTEG (percent)

- LTEG* (9.0)
- STEG* (6.7)
- STRG* (5.3)

* STEG is year-ahead forward consensus expected short-term earnings growth. STRG is year-ahead forward consensus expected short-term revenue growth. LTEG is five-year consensus expected long-term earnings growth.

Monthly data through 2005, weekly thereafter.

Source: I/B/E/S data by Refinitiv.

**Figure 10.**

S&P 500 INDEPENDENT POWER PRODUCERS VALUATION

- Forward P/E* (12.1)
- Relative P/E** (0.7)
- PEG Ratio*** (1.3)

* Price divided by 12-month forward consensus expected operating earnings per share.
** Sector or industry forward P/E relative to S&P 500 forward P/E.
*** Sector or industry forward P/E relative to sector or industry consensus 5-year LTEG forecast.

Source: I/B/E/S data by Refinitiv.