

Contact Information

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Information about the index can be found at [www.donoghue.com](http://www.donoghue.com)

**TICKERS:**

W.E. Donoghue Power Treasury Total Return Index<sup>SM</sup>:  
PWRTRXTR

W.E. Donoghue Power Treasury Price Index<sup>SM</sup>:  
PWRTRXPX

December 2017



## W.E. Donoghue Power Treasury Total Return Index<sup>SM</sup>

**Index Performance.** The W.E. Donoghue Power Treasury Total Return Index (TICKER: PWRTRXTR) decreased -0.01% from 2375.33 to 2375.13 in the month of December 2017. This compares to an increase in the ICE U.S. Treasury 20+ Year Total Return Index (TICKER: IDCOT20T) of +1.82% and the ICE U.S. Treasury 3-7 Year Total Return Index (TICKER: IDCOT3TR) remained flat at US\$102.67.

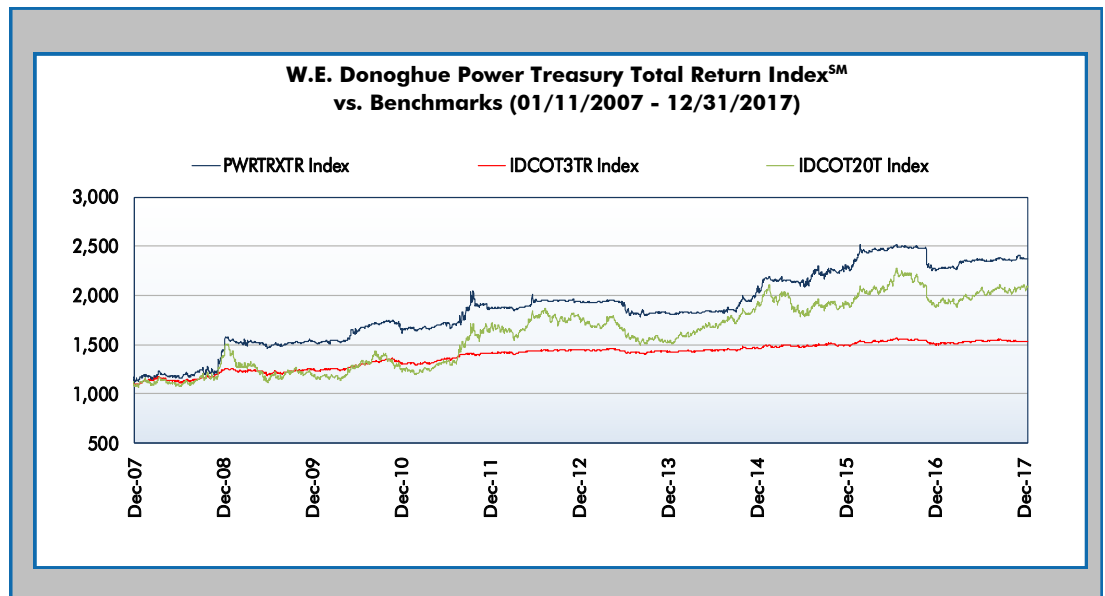
As of December 31, 2017, the TTM yield of the W.E. Donoghue Power Treasury Total Return Index was 1.49%, compared with 1.51% at the end of the previous month.

The W.E. Donoghue Power Treasury Total Return Index<sup>SM</sup> has increased +4.43% in the past 12 months. This compares to an increase in the ICE U.S. Treasury 3-7 Year Total Return Index (TICKER: IDCOT3TR) of +1.30% and an increase in the ICE U.S. Treasury 20+ Year Total Return Index (TICKER: IDCOT20T) of +8.99%.

**Index Description.** The W.E. Donoghue Power Treasury Index uses the total return variation of the S&P U.S. High Yield Corporate Bond Total Return Index (SPUHYBDT) to signal investment into and out of Intermediate and Long Term U.S. Treasuries.

**Index Methodology.** The W.E. Donoghue Power Treasury Index uses a proprietary methodology based on exponential moving average crossovers to trigger allocations between the iShares 20+ Year Treasury Bond ETF (TLT) and the iShares 3-7 Year Treasury Bond ETF (IEI).

**Index Data.** Values for the price only index (PWRTRX) are distributed once daily, at approximately 11:30PM (EST), Monday through Friday, excluding New York Stock Exchange holidays. Values for the total return index (PWRTRXTR) are distributed once daily, at approximately 11:30PM (EST), Monday through Friday, excluding exchange holidays. Values are disseminated to Bloomberg.



\*Note: This chart is a normalized historical graph  
Data Source: Bloomberg Data as of December 31, 2017

This chart is for illustrative purposes only. Historical information is not indicative of future results; current data may differ from data quoted. Investors cannot invest directly in index. Index returns do not reflect any management fees or brokerage expenses.

## Total Return Appreciation

|         | PWRTRXTR Index | IDCOT3TR Index | IDCOT20T Index |
|---------|----------------|----------------|----------------|
| 10 Year | 105.54%        | 38.93%         | 89.94%         |
| 5 Year  | 22.85%         | 5.85%          | 19.32%         |
| 3 Year  | 14.73%         | 4.47%          | 8.80%          |
| 1 Year  | 4.43%          | 1.30%          | 8.99%          |

## Sharpe Ratio

|         | PWRTRXTR Index | IDCOT3TR Index | IDCOT20T Index |
|---------|----------------|----------------|----------------|
| 10 Year | 0.7421         | 0.8309         | 0.5016         |
| 5 Year  | 0.5795         | 0.3200         | 0.3515         |
| 3 Year  | 0.5686         | 0.3639         | 0.2633         |
| 1 Year  | 1.2420         | 0.2219         | 1.4607         |

## Compound Annual Growth Rate

|         | PWRTRXTR Index | IDCOT3TR Index | IDCOT20T Index |
|---------|----------------|----------------|----------------|
| 10 Year | 7.47%          | 3.34%          | 6.63%          |
| 5 Year  | 4.20%          | 1.14%          | 3.60%          |
| 3 Year  | 4.69%          | 1.47%          | 2.85%          |
| 1 Year  | 4.43%          | 1.30%          | 8.99%          |

## Annualized Standard Deviation (Monthly)

|         | PWRTRXTR Index | IDCOT3TR Index | IDCOT20T Index |
|---------|----------------|----------------|----------------|
| 10 Year | 9.91%          | 3.63%          | 14.08%         |
| 5 Year  | 7.04%          | 2.77%          | 10.91%         |
| 3 Year  | 7.81%          | 2.88%          | 11.36%         |
| 1 Year  | 2.76%          | 1.58%          | 5.35%          |

## Max Drawdown Table

| PWRTRXTR Index |            |         |         |  |           |      |
|----------------|------------|---------|---------|--|-----------|------|
|                | Date       | Price   | Change  |  | Period    | Days |
| Peak           | 10/03/2011 | 2050.64 |         |  | Drawdown  | 688  |
| Trough         | 08/21/2013 | 1780.89 | -13.15% |  | Recapture | 478  |
| Recovery       | 12/12/2014 | 2072.01 | 16.35%  |  | Total     | 1166 |

\*All data as of December 31, 2017

## Returns

|      | Jan    | Feb    | Mar    | Apr    | May    | Jun    | Jul    | Aug    | Sep    | Oct    | Nov    | Dec    | Year   |
|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2007 |        | 1.43%  | 0.34%  | 0.42%  | -0.87% | 2.31%  | 3.32%  | 1.66%  | 0.47%  | 0.80%  | 5.57%  | -0.63% | 15.65% |
| 2008 | 2.07%  | 0.52%  | 2.18%  | -2.63% | -1.23% | 2.59%  | -0.37% | 2.75%  | -0.84% | -1.91% | 14.39% | 13.64% | 33.88% |
| 2009 | -1.95% | -1.11% | 2.14%  | -1.13% | -1.47% | -0.04% | -0.07% | 1.18%  | 0.80%  | 0.17%  | 1.80%  | -2.71% | -2.49% |
| 2010 | 1.71%  | 0.69%  | -0.78% | 0.93%  | 4.77%  | 3.45%  | 1.09%  | 1.45%  | 0.47%  | 0.58%  | 0.14%  | -4.46% | 10.21% |
| 2011 | 0.60%  | -0.42% | -0.26% | 1.59%  | 1.61%  | -2.59% | 2.94%  | 2.55%  | 13.20% | -4.67% | -2.00% | 0.49%  | 12.70% |
| 2012 | 0.63%  | -0.62% | -0.58% | 1.19%  | 4.43%  | -1.48% | 0.70%  | 0.12%  | -0.03% | -0.32% | -0.39% | -0.39% | 3.18%  |
| 2013 | -0.39% | 0.61%  | 0.10%  | 0.56%  | -1.34% | -3.31% | -2.45% | 1.82%  | -1.53% | 0.50%  | 0.01%  | -1.26% | -6.58% |
| 2014 | 1.28%  | 0.15%  | -0.68% | 0.49%  | 0.87%  | -0.15% | -1.23% | 2.21%  | 1.69%  | 2.82%  | 3.15%  | 3.25%  | 14.61% |
| 2015 | 5.69%  | -1.33% | -0.37% | -0.10% | -0.07% | -0.93% | 4.55%  | -0.69% | 1.97%  | -0.15% | 0.90%  | -0.27% | 9.30%  |
| 2016 | 5.54%  | 3.09%  | 0.26%  | -0.14% | -0.22% | 1.81%  | 0.06%  | -0.72% | 0.34%  | -0.62% | -8.34% | 0.04%  | 0.52%  |
| 2017 | 0.29%  | 0.26%  | 2.17%  | 0.66%  | 0.44%  | -0.31% | -0.18% | 1.32%  | -0.79% | -0.19% | 0.72%  | -0.01% | 4.43%  |

### Disclosures:

The W.E. Donoghue Power Treasury Index (Ticker: PWRTRXTR) is a service mark of W. E. Donoghue & Co., LLC. The W.E. Donoghue Power Treasury Index has a back tested inception date of 1/11/2007; one cannot invest directly in an index. The Index is a rules based index, which reflects theoretical performance an investor would have obtained had it invested in the manner shown and does not represent returns actually obtained and does not represent returns an investor actually attained, as investors cannot invest directly in and index. No representation is being made that any client will or is likely to achieve results similar to those presented herein. The Index performance includes the reinvestments of all dividends and distributions. The W.E. Donoghue Power Treasury Index live inception date as calculated by Standard and Poor's is 7/31/2017.

Drawdown calculations are based upon daily point to point index values beginning 1/11/2007. Drawdown is the percentage loss from the highest daily closing index value to the lowest daily index value in the drawdown period. Recapture is the number of days required to return to, or exceed, the account value at the beginning of the drawdown period.

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