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### Energy Quarterly Update

Q1 2017

Deloitte Corporate Finance LLC | www.investmentbanking.deloitte.com

### **Energy Sector Trends**

### Policy to Drive Domestic Energy Production<sup>1</sup>

President Trump's administration has laid out plans to cut Department of Energy ("DOE") and Environmental Protection Agency ("EPA") funding by 6% and 31%, respectively. These budget cuts in combination with increased funding for energy development on federal lands are expected to bolster domestic energy and power companies.

### Combined-Cycle Investments Jump<sup>3</sup>

Nearly \$75 billion of investments are slated for natural gas-fired, combined-cycle plants in the U.S. over the next four years, exemplifying a continued shift toward the use of natural gas for power generation. These investments, nearly triple the investment in combined-cycle technology over the last four years, are expected to deliver roughly 71 GW of incremental power generation capacity.

### Photovoltaic Installations on the Rise<sup>2</sup>

With solar project costs on the decline, photovoltaic energy production is on the rise. Greentech Media, a business unit of Wood Mackenzie, projects that 13 GW of new photovoltaic installations will come online in 2017. Annual photovoltaic capacity is expected to nearly triple over the next five years

with more than 18 GW of solar photovoltaic capacity installed annually by 2022.

### Stalled Pipeline Projects Resume<sup>4</sup>

The widely contested Dakota Access Pipeline project has seen steps to continue progress after virtually stalling during the Obama administration. Movement on this project is expected to serve as a boon to oil producers in the Bakken as the pipeline would offer significantly improved infrastructure for getting their product to market. With increased access, Bakken crude prices are expected to normalize.

### In the News

**March 13, 2017** – O&G engineering and construction giant, John Wood Group plc (LSE:WG) ("Wood Group") has entered into an agreement to acquire Amec Foster Wheeler plc (LSE:AMFW) ("Amec") for \$2.7 billion USD in stock. As a result of the deal, current Amec shareholders are expected to own 44% of the combined company.<sup>5</sup>

**February 27, 2017** – After signing a definitive agreement to acquire in September 2016, Enbridge Inc (TSX:ENB) has completed its acquisition of Spectra Energy Corp. ("Spectra") for \$28.8 billion USD in stock, implying an enterprise value of 19.8x the target's earnings before interest, depreciation, and amortization. As a result of the transaction, Spectra shareholders control approximately 43% of the combined company. This transaction represents Enbridge's largest acquisition to date.<sup>6</sup>

### In This Update

- Energy Trends
- Economic Outlook
- Industry Analysis
- Select M&A Transactions
- Appendix

This update will focus on news and trends in the following areas:

- Integrated O&G
- O&G Drilling
- O&G Equipment and Services
- O&G Exploration and Production
- O&G Refining and Marketing
- O&G Storage and Transportation

### Who We Are

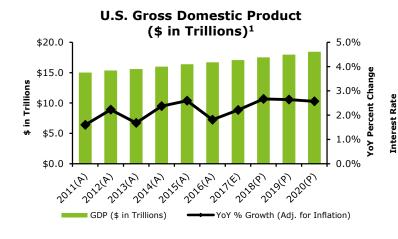
Deloitte Corporate Finance LLC is a leading global middle market M&A adviser. The firm's professionals have extensive knowledge within various sectors of the Energy space.

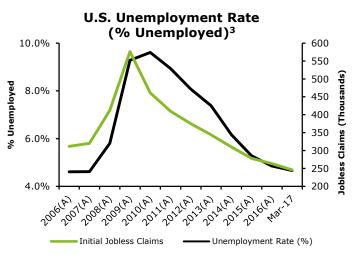
### Contacts

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### Macroeconomic Outlook





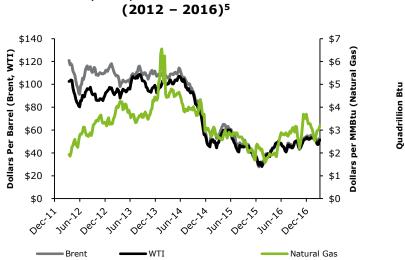
Brent, WTI, and Natural Gas Prices

#### **U.S. Treasury Yield Curve** (Nominal vs. Real)<sup>2</sup> 3.5% 3.0% 2.5% 2.0% 1.5% 1.0% 0.5% 0.0% 1 tho 6<sup>th</sup>O 3 110 ~18 ~18 1018 148 20-18 24 348 578 3018 Real Yield (%) Nominal Yield (%)

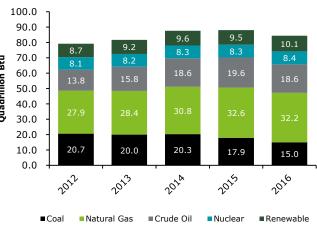


<sup>\*</sup>An ISM Non-Manufacturing Index value above 50 signals economic expansion.

### **Energy Sector Outlook**



### U.S. Energy Production by Source<sup>6</sup>

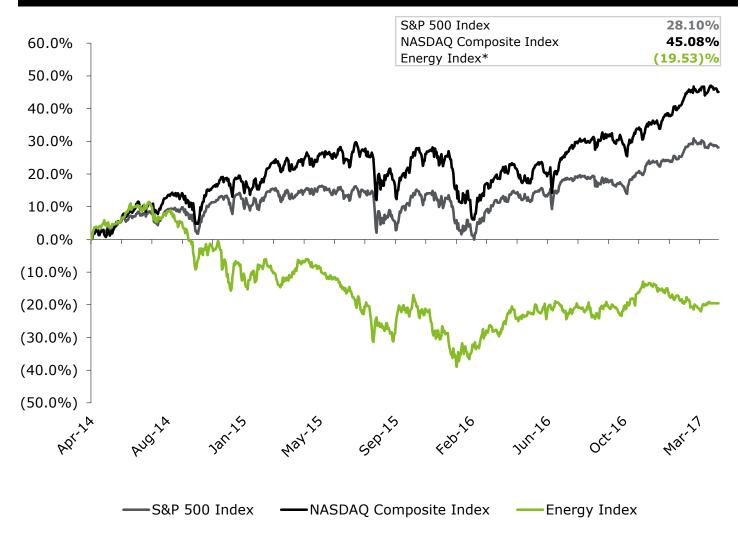


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### Energy Sector Breakdown & Trading Statistics<sup>1</sup>

|  |                        |                      |                                  |                      |                            |                               | Last Twelve Months |               | NTM           |  |
|--|------------------------|----------------------|----------------------------------|----------------------|----------------------------|-------------------------------|--------------------|---------------|---------------|--|
| Sector                                     | Number of<br>Companies | % of 52<br>Week High | Median<br>Revenue<br>CAGR (3 Yr) | Median LTM<br>EBITDA | Median<br>EBITDA<br>Margin | Median<br>Enterprise<br>Value | EV/<br>Revenue     | EV/<br>EBITDA | EV/<br>EBITDA |  |
| (\$ in Millions)                           |                        |                      |                                  |                      |                            |                               |                    |               |               |  |
| Integrated Oil and Gas (3)                 | 3                      | 85.8 %               | (20.6) %                         | \$13,359.0           | 12.9 %                     | \$243,553.5                   | 2.4 x              | 18.2 x        | 7.5 x         |  |
| Oil and Gas Drilling (7)                   | 7                      | 71.9                 | (23.4)                           | 625.0                | 32.9                       | 4,600.1                       | 2.8                | 11.2          | 8.7           |  |
| Oil and Gas Equipment and Services (6)     | 6                      | 88.1                 | (21.2)                           | 512.1                | 13.6                       | 20,511.8                      | 2.4                | 18.8          | 17.7          |  |
| Oil and Gas Exploration and Production (8) | 8                      | 83.4                 | (18.3)                           | 2,358.0              | 21.4                       | 33,422.8                      | 4.9                | 19.7          | 8.9           |  |
| Oil and Gas Refining and Marketing (7)     | 7                      | 88.7                 | (18.1)                           | 930.6                | 7.4                        | 6,768.7                       | 0.6                | 10.6          | 7.0           |  |
| Oil and Gas Storage and Transportation (7) | 7                      | 94.1                 | (2.5)                            | 4,651.5              | 21.1                       | 82,322.4                      | 4.2                | 16.7          | 12.8          |  |
| Energy Index                               | 38                     | 86.9 %               | (19.5) %                         | \$1,644.3            | 17.3 %                     | \$26,967.3                    | 2.6 x              | 17.5 x        | 8.8 x         |  |

Public Comparables Three-Year Stock Market Performance<sup>1</sup>

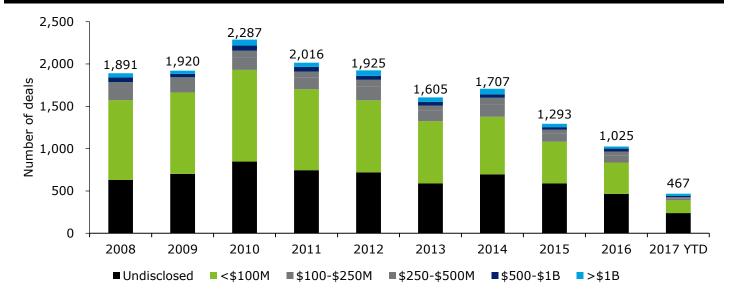


\*Energy Index companies listed on pages 6 & 7 in the Appendix.



| Close Date* | Target/Acquiror  | Target Business Description   | Enterprise<br>Value ("EV") | EV/<br>EBITDA |
|-------------|--|---|----------------------------|---------------|
| Pending     | Amec Foster Wheeler plc<br>John Wood Group PLC                     | Provides consultancy and engineering services to the oil<br>and gas, mining, clean energy, and environment and<br>infrastructure markets worldwide. | \$4,049.5                  | 9.5 ×         |
| Pending     | Savanna Energy Services Corp.<br>Western Energy Services Corp.     | Operates as a drilling, well servicing, and oilfield rental company in Canada, the United States, and Australia.                                    | 371.1                      | 10.2          |
| Pending     | VTTI Energy Partners LP<br>Vitol Tank Terminals International B.V. | Acquires, develops, owns, and operates refined petroleum product and crude oil terminaling and related energy infrastructure assets.                | 1,550.9                    | 8.6           |
| Pending     | WorleyParsons Limited<br>Dar Al-Handasah Consultants               | Provides professional services to the resources, energy, and industrial sectors in Australia and internationally.                                   | 3,032.1                    | 23.5          |
| Pending     | Delta Natural Gas Company, Inc.<br>PNG Companies LLC               | Distributes or transports natural gas in central and southeastern Kentucky.   | 260.2                      | 13.7          |
| Pending     | Ithaca Energy Inc.<br>Delek Group Ltd.                             | Engages in the exploration, development, and production of oil and gas in the North Sea.  | 1,252.8                    | 19.9          |
| Pending     | Farstad Shipping ASA<br>Solstad Offshore ASA                       | Supplies offshore service vessels to the oil and gas industry.  | 1,177.5                    | 18.9          |
| Pending     | ONEOK Partners, L.P.<br>ONEOK, Inc.                                | Engages in the gathering, processing, storage, and transportation of natural gas.   | 23,721.3                   | 12.9          |
| Pending     | DHT Holdings, Inc.<br>Frontline Ltd.                               | Owns and operates crude oil tankers primarily in Oslo,<br>Norway and Singapore.   | 1,105.1                    | 5.5           |
| Pending     | WGL Holdings, Inc.<br>AltaGas Ltd.                                 | Sells and delivers natural gas; and provides energy-<br>related products and services.  | 6,610.2                    | 15.2          |
| Pending     | Icon Offshore Berhad<br>UMW Oil & Gas Corporation Berhad           | Provides offshore support vessels to oil and gas related industries primarily in Malaysia.  | 280.7                      | 14.2          |
| Pending     | National Petroleum Services<br>Qurain Petrochemical Industries     | Provides oilfield services for the oil and gas industry in Kuwait.  | 101.1                      | 3.5           |

Annual Energy M&A Transaction Volume<sup>1</sup>



\*Pending transactions sorted by announcement date.

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### Appendix

### Public Comparables Analysis<sup>1</sup>

|   |                              |   |                        |                               |                      |   | Last Twel         | NTM                  |                      |
|---|------------------------------|---|------------------------|-------------------------------|----------------------|---|-------------------|----------------------|----------------------|
| Company (Ticker)  | % of 52<br>Week High         | LTM<br>Revenue                              | Revenue<br>CAGR (3 Yr) | LTM<br>EBITDA                 | EBITDA<br>Margin     | Enterprise<br>Value ("EV") <sup>(1)</sup> | EV/<br>Revenue    | EV/<br>EBITDA        | EV/<br>EBITDA        |
| (\$ in Millions)  |                              |   | <u> </u>               |                               |                      |   |                   |                      |                      |
| Integrated Oil and Gas (3)  | 00.0.0/                      | +102 210 0                                  | (24.2).0(              | +12 250 0                     | 12.0.0               | +242 552 5                                |                   | 10.0                 | 6.5                  |
| Chevron Corporation (NYSE:CVX)<br>Exxon Mobil Corporation (NYSE:XOM)  | 90.2 %<br>85.8               | \$103,310.0<br>197,518.0                    | (21.3) %<br>(20.3)     | \$13,359.0<br>23,244.0        | 12.9 %<br>11.8       | \$243,553.5<br>385,665.6                  | 2.4 x<br>2.0      | 18.2 x<br>16.6       | 6.5 x<br>7.5         |
| Occidental Petroleum Corporation (NYSE:OXY)   | 80.7                         | 10,090.0                                    | (20.6)                 | 2,691.0                       | 26.7                 | 56,029.8                                  | 5.6               | 20.8                 | 9.0                  |
| Median  | 85.8 %                       | \$103,310.0                                 | (20.6) %               | \$13,359.0                    | 12.9 %               | \$243,553.5                               | 2.4 x             | 18.2 x               | 7.5 )                |
| Mean  | 85.6 %                       | \$103,639.3                                 | (20.7) %               | \$13,098.0                    | 17.1 %               | \$228,416.3                               | 3.3 x             | 18.5 x               | 7.7 )                |
|   |                              |   |                        |                               |                      |   |                   |                      |                      |
| <u>Oil and Gas Drilling (7)</u><br>Diamond Offshore Drilling, Inc. (NYSE:DO)  | 62.5 %                       | \$1,525.2                                   | (18.8) %               | \$706.8                       | 46.3 %               | \$4,221.1                                 | 2.8 x             | 6.0 x                | 7.2                  |
| Helmerich & Payne, Inc. (NYSE:HP)   | 77.6                         | 1,505.0                                     | (24.0)                 | 495.4                         | 32.9                 | 6,848.0                                   | 4.6               | 13.8                 | 17.2                 |
| Nabors Industries Ltd. (NYSE:NBR)   | 71.0                         | 2,227.8                                     | (28.7)                 | 625.0                         | 28.1                 | 7,020.7                                   | 3.2               | 11.2                 | 9.7                  |
| Noble Group Limited (SGX:N21)   | 41.3                         | 46,528.3                                    | (17.3)                 | 46.8                          | 0.1                  | 676.9                                     | 0.0               | 14.5                 | 1.3                  |
| Patterson-UTI Energy, Inc. (NasdaqGS:PTEN)<br>Rowan Companies plc (NYSE:RDC)  | 81.6<br>71.9                 | 915.9<br>1,843.2                            | (30.4)<br>5.3          | 197.9<br>962.9                | 21.6<br>52.2         | 4,600.1<br>3,379.9                        | 5.0<br>1.8        | 23.2<br>3.5          | 13.9<br>7.8          |
| Transocean Ltd. (NYSE:RIG)  | 74.7                         | 4,161.0                                     | (23.4)                 | 2,084.0                       | 50.1                 | 10,310.0                                  | 2.5               | 4.9                  | 8.7                  |
| Median  | 71.9 %                       | \$1,843.2                                   | (23.4) %               | \$625.0                       | 32.9 %               | \$4,600.1                                 | 2.8 x             | 11.2 x               | 8.7                  |
| Mean  | 68.7 %                       | \$8,386.6                                   | (19.6) %               | \$731.3                       | 33.0 %               | \$5,293.8                                 | 2.8 x             | 11.0 x               | 9.4                  |
|   |                              |   |                        |                               |                      |   |                   |                      |                      |
| Oil and Gas Equipment and Services (6)<br>Baker Hughes Incorporated (NYSE:BHI)  | 87.2 %                       | \$9,841.0                                   | (23.9) %               | (\$121.0)                     | N/A %                | \$23,971.4                                | 2.4 x             | N/A x                | 17.7 )               |
| TechnipFMC plc (NYSE:FTI)   | 89.9                         | 8,775.9                                     | (2.1)                  | 1,145.1                       | 13.0                 | 11,430.7                                  | 1.3               | 10.0                 | N/A                  |
| Halliburton Company (NYSE:HAL)  | 83.7                         | 15,887.0                                    | (18.6)                 | 2,155.0                       | 13.6                 | 51,012.8                                  | 3.2               | 23.7                 | 15.4                 |
| National Oilwell Varco, Inc. (NYSE:NOV)   | 91.9                         | 7,251.0                                     | (27.7)                 | (736.0)                       | N/A                  | 17,052.2                                  | 2.4               | N/A                  | 27.7                 |
| Schlumberger Limited (NYSE:SLB)   | 88.9                         | 27,810.0                                    | (15.0)                 | 6,379.0                       | 22.9                 | 119,739.8                                 | 4.3               | 18.8                 | 15.8                 |
| Weatherford International plc (NYSE:WFT)  | 78.3                         | 5,749.0                                     | (27.8)                 | (359.0)                       | N/A                  | 13,149.2                                  | 2.3               | N/A                  | 18.5                 |
| Median  | 88.1 %                       | \$9,308.4                                   | (21.2) %               | \$512.1                       | 13.6 %               | \$20,511.8                                | 2.4 x             | 18.8 x               | 17.7                 |
| Mean  | 86.7 %                       | \$12,552.3                                  | (19.2) %               | \$1,410.5                     | 16.5 %               | \$39,392.7                                | 2.6 x             | 17.5 x               | 19.0 )               |
|   |                              |   |                        |                               |                      |   |                   |                      |                      |
| Oil and Gas Exploration and Production (8)  | 84.5 %                       | \$8,447.0                                   | (17.2) %               | \$2,965.0                     | 35.1 %               | \$51,431.5                                | 6.1 x             | 17.3 x               | 8.7 >                |
| Anadarko Petroleum Corporation (NYSE:APC)<br>Apache Corporation (NYSE:APA)  | 74.5                         | 5,247.0                                     | (28.8)                 | 2,395.0                       | 45.6                 | 28,155.2                                  | 5.4               | 11.8                 | 7.0                  |
| ConocoPhillips (NYSE:COP)   | 93.8                         | 23,856.0                                    | (25.2)                 | 4,858.0                       | 20.4                 | 85,497.8                                  | 3.6               | 17.6                 | 8.1                  |
| Devon Energy Corporation (NYSE:DVN)   | 82.3                         | 10,364.0                                    | (0.7)                  | 2,321.0                       | 22.4                 | 34,569.3                                  | 3.3               | 14.9                 | 9.1                  |
| EOG Resources, Inc. (NYSE:EOG)  | 89.2                         | 7,544.4                                     | (19.5)                 | 2,681.6                       | 35.5                 | 61,688.3                                  | 8.2               | 23.0                 | 11.8                 |
| Hess Corporation (NYSE:HES)   | 73.5                         | 4,694.0                                     | (25.9)                 | 936.0                         | 19.9                 | 20,391.3                                  | 4.3               | 21.8                 | 9.5                  |
| Pioneer Natural Resources Company (NYSE:PXD)<br>Southwestern Energy Company (NYSE:SWN)  | 93.2<br>52.4                 | 3,951.0<br>2,436.0                          | 4.9<br>(10.3)          | 776.0<br>301.0                | 19.6<br>12.4         | 32,276.3<br>7,273.9                       | 8.2<br>3.0        | 41.6<br>24.2         | 12.5<br>5.8          |
|   | 00.4.0/                      |   |                        | +2 250 0                      | 24.4.0/              | +22 422 0                                 | 10                | 10.7                 |                      |
| Median  | 83.4 %<br>80.4 %             | \$6,395.7<br>\$8,317.4                      | (18.3) %               | \$2,358.0<br>\$2,154.2        | 21.4 %<br>26.4 %     | \$33,422.8                                | 4.9 x<br>5.3 x    | 19.7 x<br>21.5 x     | 8.9 x<br>9.1 x       |
| Mean  | 00.4 /0                      | \$0,317.4                                   | (13.5) //              | \$2,134.2                     | 20.4 /0              | \$40,100.5                                | 5.5 X             | 21.5 X               | 5.1 7                |
| Oil and Gas Refining and Marketing (7)  |                              | +2 024 0                                    |                        | +70.0                         | 2.4.6/               | +1 261 0                                  |                   |                      |                      |
| Alon USA Energy, Inc. (NYSE:ALJ)<br>HollyFrontier Corporation (NYSE:HEC)  | 93.7 %<br>74.6               | \$3,831.8<br>10,535.7                       | (18.1) %<br>(19.5)     | \$79.8<br>930.6               | 2.1 %<br>8.8         | \$1,364.9<br>6,768.7                      | 0.4 x<br>0.6      | 17.1 x<br>7.3        | 7.0 ›<br>6.4         |
| HollyFrontier Corporation (NYSE:HFC)<br>Marathon Petroleum Corporation (NYSE:MPC)   | 92.6                         | 56,011.0                                    | (15.8)                 | 4,662.0                       | 8.3                  | 44,009.8                                  | 0.8               | 7.3<br>9.4           | 0.4<br>7.9           |
| PBF Energy Inc. (NYSE:PBF)  | 62.1                         | 15,920.4                                    | (15.8)                 | 133.8                         | 0.3<br>0.8           | 44,009.8<br>4,330.4                       | 0.8               | 9.4<br>32.4          | 6.2                  |
| PBF Energy Inc. (NYSE:PBF)<br>Phillips 66 (NYSE:PSX)  | 88.7                         | 70,898.0                                    | (23.4)                 | 2,245.0                       | 3.2                  | 49,716.4                                  | 0.3               | 22.1                 | 9.7                  |
| Valero Energy Corporation (NYSE:VLO)  | 92.8                         | 70,166.0                                    | (20.2)                 | 5,522.0                       | 7.9                  | 33,761.4                                  | 0.5               | 6.1                  | 5.9                  |
| Western Refining, Inc. (NYSE:WNR)   | 87.5                         | 7,743.2                                     | (8.4)                  | 571.4                         | 7.4                  | 6,080.0                                   | 0.8               | 10.6                 | 8.3                  |
| Median  | 88.7 %                       | \$15,920.4                                  | (18.1) %               | \$930.6                       | 7.4 %                | \$6,768.7                                 | 0.6 x             | 10.6 x               | 7.0 3                |
| Mean  | 84.6 %                       | \$33,586.6                                  | (15.9) %               | \$2,020.7                     | 5.5 %                | \$20,861.7                                | 0.6 x             | 15.0 x               | 7.3 )                |
| Oil and Gas Storage and Transportation (7)  |                              |   |                        |                               |                      |   |                   |                      |                      |
|   | 98.4 %                       | \$37,504.0                                  | (8.1) %                | \$5,345.0                     | 14.3 %               | \$89,339.9                                | 2.4 x             | 16.7 x               | 12.7 >               |
|   |                              | 21,827.0                                    | (23.3)                 | 4,601.0                       | 21.1                 | 61,294.7                                  | 2.8               | 13.3                 | 9.5                  |
| Energy Transfer Equity, L.P. (NYSE:ETE)   | 84.0                         | ,   |                        | 4 9 2 2 0                     | 20.9                 | 82,322.4                                  | 3.6               | 17.1                 | 14.5                 |
| Energy Transfer Equity, L.P. (NYSE:ETE)<br>Energy Transfer Partners, L.P. (NYSE:ETP)  | 84.0<br>91.3                 | 23,022.3                                    | (21.6)                 | 4,823.0                       |                      |   |                   |                      |                      |
| Energy Transfer Equity, L.P. (NYSE:ETE)<br>Energy Transfer Partners, L.P. (NYSE:ETP)<br>Enterprise Products Partners L.P. (NYSE:EPD)<br>Kinder Morgan, Inc. (NYSE:KMI)  |                              |   | (21.6)<br>(2.5)        | 4,823.0<br>6,163.0            | 47.2                 | 88,264.3                                  | 6.8               | 14.3                 | 12.3                 |
| Energy Transfer Equity, L.P. (NYSE:ETE)<br>Energy Transfer Partners, L.P. (NYSE:ETP)<br>Enterprise Products Partners L.P. (NYSE:EPD)<br>Kinder Morgan, Inc. (NYSE:KMI)  | 91.3                         | 23,022.3                                    |                        |                               |                      |   |                   |                      |                      |
| Energy Transfer Equity, L.P. (NYSE:ETE)<br>Energy Transfer Partners, L.P. (NYSE:ETP)<br>Enterprise Products Partners L.P. (NYSE:EPD)<br>Kinder Morgan, Inc. (NYSE:KMI)<br>Magellan Midstream Partners, L.P. (NYSE:MMP)<br>Enbridge Inc. (TSX:ENB) | 91.3<br>93.1<br>94.1<br>94.1 | 23,022.3<br>13,058.0                        | (2.5)<br>4.2<br>1.6    | 6,163.0<br>1,034.5<br>4,651.5 | 47.2                 | 88,264.3                                  | 6.8<br>9.8<br>4.2 | 14.3                 | 12.3                 |
| Energy Transfer Equity, L.P. (NYSE:ETE)<br>Energy Transfer Partners, L.P. (NYSE:ETP)<br>Enterprise Products Partners L.P. (NYSE:EPD)<br>Kinder Morgan, Inc. (NYSE:KMI)<br>Magellan Midstream Partners, L.P. (NYSE:MMP)                            | 91.3<br>93.1<br>94.1         | 23,022.3<br>13,058.0<br>2,205.4             | (2.5)<br>4.2           | 6,163.0<br>1,034.5            | 47.2<br>46.9         | 88,264.3<br>21,609.5                      | 6.8<br>9.8        | 14.3<br>20.9         | 12.3<br>16.5         |
| Energy Transfer Equity, L.P. (NYSE:ETE)<br>Energy Transfer Partners, L.P. (NYSE:ETP)<br>Enterprise Products Partners L.P. (NYSE:EPD)<br>Kinder Morgan, Inc. (NYSE:KMI)<br>Magellan Midstream Partners, L.P. (NYSE:MMP)<br>Enbridge Inc. (TSX:ENB) | 91.3<br>93.1<br>94.1<br>94.1 | 23,022.3<br>13,058.0<br>2,205.4<br>25,729.2 | (2.5)<br>4.2<br>1.6    | 6,163.0<br>1,034.5<br>4,651.5 | 47.2<br>46.9<br>18.1 | 88,264.3<br>21,609.5<br>107,135.3         | 6.8<br>9.8<br>4.2 | 14.3<br>20.9<br>23.0 | 12.3<br>16.5<br>12.8 |

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### **Recent Transactions**<sup>1</sup>

|  |  |               |                |               |                  | Enterprise<br>Value ("EV") | Last Twelve Months |               |
|--|--|---------------|----------------|---------------|------------------|----------------------------|--------------------|---------------|
| Target/Acquiror  | Sub-Sector                             | Close<br>Date | LTM<br>Revenue | LTM<br>EBITDA | EBITDA<br>Margin |                            | EV/<br>Revenue     | EV/<br>EBITDA |
| Amec Foster Wheeler plc<br>John Wood Group PLC                           | Oil and Gas Equipment and Services     | Pending       | \$6,887.6      | \$426.7       | 6.2 %            | \$4,049.5                  | 0.6 x              | 9.5 x         |
| Savanna Energy Services Corp.<br>Western Energy Services Corp.           | Oil and Gas Drilling                   | Pending       | 240.7          | 36.4          | 15.1             | 371.1                      | 1.5                | 10.2          |
| VTTI Energy Partners LP<br>Vitol Tank Terminals International B.V.       | Oil and Gas Storage and Transportation | Pending       | 306.6          | 180.5         | 58.9             | 1,550.9                    | 5.1                | 8.6           |
| WorleyParsons Limited<br>Dar Al-Handasah Consultants                     | Oil and Gas Equipment and Services     | Pending       | 4,850.8        | 128.9         | 2.7              | 3,032.1                    | 0.6                | 23.5          |
| Delta Natural Gas Company, Inc.<br>PNG Companies LLC                     | Gas Utilities                          | Pending       | 66.5           | 19.0          | 28.6             | 260.2                      | 3.9                | 13.7          |
| Ithaca Energy Inc.<br>Delek Group Ltd.                                   | Oil and Gas Exploration and Production | Pending       | 143.7          | 62.9          | 43.8             | 1,252.8                    | 8.7                | 19.9          |
| Farstad Shipping ASA<br>Solstad Offshore ASA                             | Oil and Gas Equipment and Services     | Pending       | 323.8          | 62.3          | 19.2             | 1,177.5                    | 3.6                | 18.9          |
| ONEOK Partners, L.P.<br>ONEOK, Inc.                                      | Oil and Gas Storage and Transportation | Pending       | 8,918.5        | 1,834.5       | 20.6             | 23,721.3                   | 2.7                | 12.9          |
| DHT Holdings, Inc.<br>Frontline Ltd.                                     | Oil and Gas Storage and Transportation | Pending       | 356.0          | 201.6         | 56.6             | 1,105.1                    | 3.1                | 5.5           |
| <b>WGL Holdings, Inc.</b><br>AltaGas Ltd.                                | Gas Utilities                          | Pending       | 2,345.7        | 435.0         | 18.5             | 6,610.2                    | 2.8                | 15.2          |
| Icon Offshore Berhad<br>UMW Oil & Gas Corporation Berhad                 | Oil and Gas Equipment and Services     | Pending       | 51.0           | 19.8          | 38.9             | 280.7                      | 5.5                | 14.2          |
| National Petroleum Services<br>Qurain Petrochemical Industries           | Oil and Gas Equipment and Services     | Pending       | 88.0           | 29.3          | 33.3             | 101.1                      | 1.1                | 3.5           |
| Spectra Energy Corp<br>Enbridge Inc.                                     | Oil and Gas Storage and Transportation | Feb-17        | 4,962.0        | 2,390.0       | 48.2             | 47,234.4                   | 9.5                | 19.8          |
| Shell Refining Company Berhad<br>Malaysia Hengyuan International Limited | Oil and Gas Refining and Marketing     | Jan-17        | 1,826.1        | 96.0          | 5.3              | 383.0                      | 0.2                | 4.0           |
| PKN Orlen<br>PERN Przyjazñ S.A.  | Oil and Gas Refining and Marketing     | Jan-17        | 19,446.8       | 1,988.1       | 10.2             | 9,024.5                    | 0.5                | 4.5           |
| Median   |  |               | \$356.0        | \$128.9       | 20.6 %           | \$1,252.8                  | 2.8 x              | 12.9 x        |
| Mean   |  |               | \$3,387.6      | \$527.4       | 27.1 %           | \$6,677.0                  | 3.3 x              | 12.3 x        |

### **Sources Cited**

Page 2:

- 1. "Trump lays out steep cuts to DOE, EPA budget; energy appropriators react," SNL Financial. March 2017.
- 2. "U.S. Solar Market Insight: 2016 Year in Review," Greentech Media Research. March 2017.
- 3. "US gas combined-cycle investments could approach \$75B in next 4 years," SNL Financial. February 2017.
- 4. "Renewed Support For Pipeline Projects," Oil & Gas Financial Journal. April 2017.
- 5. S&P Capital IQ. April 14, 2017. Data as of March 31, 2017.
- 6. S&P Capital IQ. April 14, 2017. Data as of March 31, 2017.

#### <u>Page 3:</u>

- 1. U.S. Bureau of Economic Analysis. April 14, 2017. Data as of March 31, 2017.
- 2. U.S. Department of the Treasury. April 12, 2017. Data as of April 12, 2017.
- 3. U.S. Bureau of Labor Statistics. April 14, 2017. Data as of March 31, 2017.
- 4. S&P Capital IQ. April 14, 2017. Data as of March 31, 2017.
- 5. Federal Reserve Economic Data. April 14, 2017. Data as of March 31, 2017.
- 6. U.S. Energy Information Administration. April 14, 2017. Data as of December 31, 2016.

### <u>Page 4:</u>

1. S&P Capital IQ. April 14, 2017. Data as of March 31, 2017.

### <u> Page 5:</u>

1. S&P Capital IQ. April 14, 2017. Data as of March 31, 2017.

### <u> Page 6:</u>

1. S&P Capital IQ. April 14, 2017. Data as of March 31, 2017.

#### Page 7:

1. S&P Capital IQ. April 14, 2017. Data as of March 31, 2017.

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