

## Kayne Anderson Energy Total Return Fund, Inc. Provides Unaudited Balance Sheet Information and Announces Its Net Asset Value and Asset Coverage Ratios at May 31, 2010

HOUSTON, TX – June 2, 2010 – Kayne Anderson Energy Total Return Fund, Inc. (the “Fund”) (NYSE: KYE) today provided a summary unaudited balance sheet and announced its net asset value and asset coverage ratios under the Investment Company Act of 1940 (the “1940 Act”) as of May 31, 2010.

As of May 31, 2010, the Fund’s net assets were \$727 million and its net asset value per share was \$21.26. As of May 31, 2010, the Fund’s asset coverage ratio under the 1940 Act with respect to senior securities representing indebtedness was 374% and the Fund’s asset coverage ratio under the 1940 Act with respect to total leverage (debt and preferred stock) was 287%.

**Kayne Anderson Energy Total Return Fund, Inc.**  
**Balance Sheet**  
**May 31, 2010**  
**(Unaudited)**

	(in millions)
Investments	\$ 1,059.9
Cash	41.8
Deposits	0.7
Accrued income	6.3
Receivable for securities sold	20.1
Other assets	3.2
Total assets	1,132.0
Short-term borrowings	48.0
Senior notes	250.0
Preferred stock	90.0
Total leverage	388.0
Payable for securities purchased	10.8
Other liabilities	6.7
Total liabilities	17.5
Net assets	\$ 726.5

34.2 million common shares currently outstanding

As of May 31, 2010, equity and energy debt investments were 83% and 17%, respectively, of the Fund's long-term investments of \$1.1 billion. Long-term investments were comprised of MLPs and MLP Affiliates (53%), U.S. and Canadian Royalty Trusts (17%), Marine Transportation (9%), Coal and Other (4%) and Energy Debt (17%).

The Fund's ten largest holdings by issuer at May 31, 2010 were:

	Units/Par (\$ (in thousands))	Amount (\$ millions)	Percent of Long-Term Investments
1. Kinder Morgan Management, LLC (MLP Affiliate)	2,058	\$114.0	10.8%
2. Enbridge Energy Management, L.L.C. (MLP Affiliate)	1,811	87.8	8.3%
3. Plains All American Pipeline, L.P. (Midstream MLP)	1,113	64.1	6.0%
4. Navios Maritime Partners L.P. (Marine MLP)	2,041	32.2	3.0%
5. Enterprise Products Partners L.P. (Midstream MLP)	937	31.5	3.0%
6. Enerplus Resources Fund (Canadian Royalty Trust)	1,415	31.2	2.9%
7. Teekay Offshore Partners L.P. (Marine MLP)	1,501	29.4	2.8%
8. Navios Maritime Holdings Inc. (Marine Transportation)	\$27,250	26.8	2.5%
9. Teekay Tankers Ltd. (Marine Transportation)	2,203	24.1	2.3%
10. Atlas Energy Resources, LLC (Upstream)	\$20,850	22.4	2.1%

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*The Fund is a non-diversified, closed-end management investment company registered under the Investment Company Act of 1940 whose common stock is traded on the NYSE. The Fund's investment objective is to obtain a high total return with an emphasis on current income by investing primarily in securities of companies engaged in the energy industry, principally including publicly-traded energy-related master limited partnerships and limited liability companies taxed as partnerships and their affiliates, energy-related U.S. and Canadian royalty trusts and income trusts and other companies that derive at least 50% of their revenues from operating assets used in, or providing energy-related services for, the exploration, development, production, gathering, transportation, processing, storing, refining, distribution, mining or marketing of natural gas, natural gas liquids (including propane), crude oil, refined petroleum products or coal.*

*CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS: This press release contains "forward-looking statements" as defined under the U.S. federal securities laws. Generally, the words "believe," "expect," "intend," "estimate," "anticipate," "project," "will" and similar expressions identify forward-looking statements, which generally are not historical in nature. Forward-looking statements are subject to certain risks and uncertainties that could cause actual results to materially differ from the Fund's historical experience and its present expectations or projections indicated in any forward-looking statement. These risks include, but are not limited to, changes in economic and political conditions; regulatory and legal changes; energy industry risk; commodity pricing risk; leverage risk; valuation risk; non-diversification risk; interest rate risk; tax risk; and other risks discussed in the Fund's filings with the SEC. You should not place undue reliance on forward-looking statements, which speak only as of the date they are made. The Fund undertakes no obligation to publicly update or revise any forward-looking statements made herein. There is no assurance that the Fund's investment objectives will be attained.*

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