

TORTOISE ENERGY INFRASTRUCTURE CORP  
Form N-Q  
April 13, 2006

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As filed with the Securities and Exchange Commission on April 13, 2006

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**FORM N-Q**

**QUARTERLY SCHEDULE OF PORTFOLIO HOLDINGS OF REGISTERED MANAGEMENT  
INVESTMENT COMPANY**

Investment Company Act file number **811-21462**

**Tortoise Energy Infrastructure Corporation**  
(Exact name of registrant as specified in charter)

**10801 Mastin Blvd., Suite 222, Overland Park, KS 66210**  
(Address of principal executive offices) (Zip code)

**David J. Schulte**  
**10801 Mastin Blvd., Suite 222, Overland Park, KS 66210**  
(Name and address of agent for service)

**913-981-1020**  
Registrant's telephone number, including area code

Date of fiscal year end: **November 30**

Date of reporting period: **February 28, 2006**

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**Item 1. Schedule of Investments.****Tortoise Energy Infrastructure Corporation****SCHEDULE OF INVESTMENTS****(Unaudited)****February 28, 2006**

	<b>Shares</b>		<b>Value</b>
<b>Common Stock - 1.0%</b> <sup>(1)</sup>			
<b>Natural Gas Gathering/Processing - 1.0%</b> <sup>(1)</sup>			
Crosstex Energy, Inc. (Cost \$2,172,703)	54,136	\$	4,307,602
<b>Master Limited Partnerships and Related Companies - 167.9%</b> <sup>(1)</sup>			
<b>Coal - 0.9%</b> <sup>(1)</sup>			
Natural Resource Partners, L.P.	71,800		3,781,706
<b>Crude/Refined Products Pipelines - 99.4%</b> <sup>(1)</sup>			
Buckeye Partners, L.P.	568,802		25,175,177
Enbridge Energy Partners, L.P.	904,000		40,408,800
Holly Energy Partners, L.P.	427,070		17,129,778
Kinder Morgan Management, LLC <sup>(3)</sup>	1,464,699		64,051,287
Magellan Midstream Partners, L.P.	2,190,213		68,969,807
Pacific Energy Partners, L.P.	656,500		20,318,675
Pacific Energy Partners, L.P. <sup>(2)</sup>	325,200		9,450,312
Plains All American Pipeline, L.P.	1,247,155		55,885,016
Sunoco Logistics Partners, L.P.	934,625		40,058,028
TEPPCO Partners, L.P.	812,745		29,608,300
Valero, L.P.	709,874		36,927,645
			407,982,825
<b>Natural Gas/Natural Gas Liquid Pipelines - 15.7%</b> <sup>(1)</sup>			
Enterprise GP Holdings, L.P.	71,400		2,845,290
Enterprise Products Partners, L.P.	2,248,940		54,604,263
Northern Border Partners, L.P.	144,600		6,955,260
			64,404,813
<b>Natural Gas Gathering/Processing - 33.8%</b> <sup>(1)</sup>			
Copano Energy, LLC	91,950		3,740,526
Copano Energy, LLC <sup>(2)</sup>	531,701		21,198,919
Crosstex Energy, L.P.	160,009		5,920,333
Crosstex Energy, L.P. <sup>(2)</sup>	108,578		3,776,343
Energy Transfer Partners, L.P.	1,804,600		64,460,312
Hiland Partners, L.P.	36,548		1,498,468
Markwest Energy Partners, L.P.	805,810		36,261,450
Williams Partners, L.P.	59,750		1,977,725
			138,834,076

<b>Shipping - 5.3%</b> <sup>(1)</sup>		
K-Sea Transportation Partners, L.P.	571,300	19,806,971
Teekay LNG Partners, L.P.	67,200	2,042,880
		21,849,851
<b>Propane Distribution - 12.8%</b> <sup>(1)</sup>		
Inergy, L.P.	1,767,979	48,336,546
Inergy, L.P. <sup>(2)</sup>	82,655	2,001,904
Inergy Holdings, L.P.	61,761	2,099,874
		52,438,324
Total Master Limited Partnerships and Related Companies (Cost \$531,602,985)		689,291,595
	<b>Principal Amount</b>	
<b>Promissory Note - 1.5%</b> <sup>(1)</sup>		
<b>Shipping - 1.5%</b> <sup>(1)</sup>		
E.W. Transportation, LLC - Unregistered, 8.72%, Due 3/31/2009 (Cost \$6,133,985) <sup>(2)(4)</sup>	\$ 6,197,549	6,133,985
<b>Short-Term Investments - 1.5%</b> <sup>(1)</sup>	<b>Shares</b>	
First American Government Obligations Money Market Fund - Class Y, 4.16% <sup>(5)</sup> (Cost \$6,196,023)	6,196,023	6,196,023
<b>Total Investments - 171.9%</b> <sup>(1)</sup> (Cost <b>\$546,105,696</b> )		<b>705,929,205</b>
<b>Auction Rate Senior Notes - (40.2%)</b> <sup>(1)</sup>		(165,000,000)
<b>Interest Rate Swap Contracts - 0.7%</b> <sup>(1)</sup>		
\$345,000,000 notional - Unrealized Appreciation, Net <sup>(6)</sup>		2,965,831
<b>Liabilities in Excess of Cash and Other Assets - (15.4%)</b> <sup>(1)</sup>		(63,252,871)
<b>Preferred Shares at Redemption Value - (17.0%)</b> <sup>(1)</sup>		(70,000,000)
<b>Total Net Assets Applicable to Common Stockholders - 100.0%</b> <sup>(1)</sup>	\$	<b>410,642,165</b>

<sup>(1)</sup> Calculated as a percentage of net assets applicable to common stockholders.

<sup>(2)</sup> Fair valued securities represent a total market value of \$42,561,463 which represents 10.4% of net assets. These securities are deemed to be restricted; see Note 6 for further disclosure.

<sup>(3)</sup> Security distributions are paid in kind. Related company of master limited partnership.

<sup>(4)</sup> Security is a variable rate instrument. Interest rate is as of February 28, 2006.

<sup>(5)</sup> Rate indicated is the 7-day effective yield.

<sup>(6)</sup> See Note 10 for further disclosure.



**Item 2. Controls and Procedures.**

- (a) The Registrant's President/Chief Executive Officer and Treasurer/Chief Financial Officer have concluded that the Registrant's disclosure controls and procedures (as defined in Rule 30a-3(c) under the Investment Company Act of 1940 (the "1940 Act")) are effective as of a date within 90 days of the filing date of the report that includes the disclosure required by this paragraph, based on the evaluation of these controls and procedures required by Rule 30a-3(b) under the 1940 Act and Rules 15d-15(b) under the Securities Exchange Act of 1934, as amended.
- (b) There were no changes in the Registrant's internal control over financial reporting (as defined in Rule 30a-3(d) under the Act) that occurred during the Registrant's last fiscal half-year that has materially affected, or is reasonably likely to materially affect, the Registrant's internal control over financial reporting.

**Item 3. Exhibits.**

*Separate certifications for each principal executive officer and principal financial officer of the registrant as required by Rule 30a-2(a) under the Act (17 CFR 270.30a-2(a)). Filed herewith.*

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) Tortoise Energy Infrastructure Corporation

By (Signature and Title)\* /s/ David J. Schulte  
David J. Schulte, President and Chief Executive Officer

Date April 12, 2006

Pursuant to the requirements of the Securities Exchange Act of 1934 and the Investment Company Act of 1940, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

By (Signature and Title)\* /s/ David J. Schulte  
David J. Schulte, President and Chief Executive Officer

Date April 12, 2006

By (Signature and Title)\* /s/ Terry C. Matlack  
Terry C. Matlack, Chief Financial Officer

Date April 12, 2006

