

BlackRock Core Alternatives TEI Portfolio LLC

Form 3

March 24, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *	2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol
Â BlackRock Holdco 2, Inc.	(Month/Day/Year)	BlackRock Core Alternatives TEI Portfolio LLC [N/A]
(Last) (First) (Middle)	03/18/2010	
55 EAST 52ND STREET		4. Relationship of Reporting Person(s) to Issuer
(Street)		5. If Amendment, Date Original Filed(Month/Day/Year)
		(Check all applicable)
		_____ Director _____ 10% Owner
		_____ Officer _____ Other
NEW YORK,Â NYÂ 10055		(give title below) (specify below)
(City) (State) (Zip)		Affil. of Investment Advisor
		6. Individual or Joint/Group Filing(Check Applicable Line)
		_____ Form filed by One Reporting Person
		_____ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Limited Liability Company Units	99,000	D	Â

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	

Shares

(I)
(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BlackRock Holdco 2, Inc. 55 EAST 52ND STREET NEW YORK, NY 10055	Â	Â X	Â	Affil. of Investment Advisor

Signatures

/s/ Harris Oliner as Managing Director and Assistant
Secretary

03/24/2010

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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