Miller D. Michael Form 3 July 02, 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 * Miller D. Michael			2. Date of Event Requiring Statement (Month/Day/Year)	3. Issuer Name and Ticker or Trading Symbol AMERICAN ELECTRIC POWER CO INC [AEP]				
(Last)	(First)	(Middle)	07/01/2010	4. Relationsh Person(s) to	nip of Reporting Issuer		5. If Amendment, Date Origina Filed(Month/Day/Year)	
AMERICAN ELECTRIC POWER, 1 RIVERSIDE PLAZA (Street) COLUMBUS, OH 43215				(Check all applicable) Director 10% OwnerX_ Officer Other (give title below) (specify below) Senior Vice President			6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City)	(State)	(Zip)	Table I - N	Non-Deriva	tive Securiti	es Be	eneficially Owned	
1.Title of Secur (Instr. 4)	rity		2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		ture of Indirect Beneficial ership :. 5)	
Common Sto	ock		1,669.781	1	I	By 4	101(k) Plan	
Common Sto	ock		827.488		D	Â		
Common Sto	ock		563.72 (1)		D	Â		
Reminder: Repo			ach class of securities benefic	ially	SEC 1473 (7-02)		
j	Perso inforr requi	ons who res nation cont red to respo	pond to the collection of ained in this form are not and unless the form displed MB control number.	t				

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

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1. Title of Derivative Security (Instr. 4)	2. Date Exer Expiration D (Month/Day/Year) Date Exercisable	ate	3. Title and A Securities Ur Derivative So (Instr. 4)	nderlying	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	(2)	(2)	Common Stock	2,733.2508	\$ 0	(Instr. 5)	AEP Supplemental Savings Plan (2)
Career Shares (Phantom Stock) (3)	(3)	(3)	Common Stock	7,740.396	\$ 0	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Miller D. Michael AMERICAN ELECTRIC POWER 1 RIVERSIDE PLAZA COLUMBUS. OH 43215	Â	Â	Senior Vice President	Â			

Signatures

/s/ Thomas G. Berkemeyer, Attorney-in-Fact for D. Michael
Miller

07/02/2010

**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).
- (1) Restricted stock units which vest on December 12, 2010.
 - Amount shown represents units in AEP Stock Fund of the AEP Supplemental Savings Plan. The number of shares reported is computed
- (2) based on the unit value of the participant's account and the share price and is only representative of the shares which would be represented in the account.
- (3) Career Shares become payable upon the reporting person's termination of employment with AEP.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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