

TRANSALTA CORP  
Form 6-K  
February 24, 2010

**FORM 6-K**  
**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

**Report of Foreign Private Issuer**

**Pursuant to Rule 13a-16 or 15d-16**  
**of the Securities Exchange Act of 1934**

For the month of February

**TRANSALTA CORPORATION**

(Translation of registrant's name into English)

**110-12<sup>th</sup> Avenue S.W., Box 1900, Station M, Calgary, Alberta, T2P 2M1**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F \_\_\_\_\_

Form 40-F  X

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes

\_\_\_\_\_

No

X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):  
82- \_\_\_\_\_





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The document listed below as Exhibit 99.1 to this Form 6-K is a copy of the Registrant's news release of February 24, 2010. This news release is being furnished, not filed, and will not be incorporated by reference into any registration statement filed by TransAlta Corporation under the Securities Act of 1933, as amended.

99.1            Press release dated February 24, 2010 announcing "TransAlta announces fourth quarter and full year 2009 earnings; files year end disclosure documents".



**Signatures**

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

**TransAlta Corporation**

By:\_\_\_

/s/ Brian Burden-

Brian Burden

Chief Financial Officer

Date: February 24, 2010

**EXHIBIT INDEX**

99.1 Press release dated February 24, 2010 announcing TransAlta announces fourth quarter and full year 2009 earnings; files year end disclosure documents .

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