

TRANSALTA CORP  
Form 6-K  
September 22, 2009

**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 September 2009

**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 office)

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

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): \_\_\_\_

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): \_\_\_\_

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

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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**I**

The documents listed below as Exhibit 99.1 to this Form 6-K are 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            Notice of Extension dated September 9, 2009

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**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

Dated: September 21, 2009

By:

/s/ Maryse St.-Laurent

Name: Maryse St.-Laurent

Title:

*Corporate Secretary*

**EXHIBIT INDEX**

**EXHIBIT NUMBER**

**DESCRIPTION**

99.1            Notice of Extension dated September 9, 2009

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