

ING Infrastructure Development Equity Fund  
Form N-8A  
November 13, 2007

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM N-8A**

**NOTIFICATION OF REGISTRATION FILED PURSUANT TO SECTION 8(a) OF THE INVESTMENT  
COMPANY ACT OF 1940**

The undersigned investment company hereby notifies the Securities and Exchange Commission that it registers under and pursuant to the provisions of Section 8(a) of the Investment Company Act of 1940, and in connection with such notification of registration submits the following information:

**ING Infrastructure Development Equity Fund**

(Exact Name of Registrant as Specified in Declaration of Trust)

**7337 East Doubletree Ranch Road  
Scottsdale, AZ 85258**

Address of Principal Business Office

**(480) 477-3000**

Telephone Number

**Huey P. Falgout, Jr.**

**7337 East Doubletree Ranch Road**

**Scottsdale, AZ 85258**

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Name and Address of Agent for Service of Process

COPIES OF COMMUNICATIONS TO:

**Jeffrey S. Poretz, Esq.**

**Dechert LLP**

**1775 I Street, NW**

**Washington, DC 20006-2401**

Registrant is filing a Registration Statement pursuant to Section 8(b) of the Investment Company Act of 1940 concurrently with the filing of Form N-8A:      YES       NO

**SIGNATURES**

Pursuant to the requirements of the Investment Company Act of 1940, the Registrant has caused this notification of registration to be duly signed on its behalf in the city of Scottsdale, and state of Arizona on the 13th day of November, 2007.

ING INFRASTRUCTURE DEVELOPMENT EQUITY  
FUND

By: */s/ Michael J. Roland*  
Michael J. Roland  
Trustee

Attest: */s/ Huey P. Falgout, Jr.*  
Huey P. Falgout, Jr.  
Secretary

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