

AGL RESOURCES INC  
Form 11-K  
June 26, 2012

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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 11-K

Annual Report Pursuant to Section 15(d) of the Securities Exchange Act of 1934

For the fiscal year ended December 31, 2011

or

Transition Report Pursuant to Section 15(d) of the Securities Exchange Act of 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 1-14174

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

Nicor Gas Thrift Plan

B. Name of the issuer of the securities held pursuant to the plan and the address of its principal executive office:

AGL Resources Inc.  
Ten Peachtree Place  
Atlanta, Georgia 30309

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NICOR GAS  
THRIFT PLAN

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