

Documentation of the Oil and Gas Supply Module (OGSM)

June 2009

**Office of Integrated Analysis and Forecasting
Energy Information Administration
U.S. Department of Energy
Washington, DC 20585**

This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy position of the Department of Energy or any other organization.

Update Information

This edition of the *Documentation of the Oil and Gas Supply Module* reflects changes made to the oil and gas supply module over the past year for the *Annual Energy Outlook 2009*. These changes include:

- Re-estimation of lower 48 onshore drilling, lease equipment, and operating costs
- Revision to oil shale facility capital costs
- Moving most of the Foreign Natural Gas Supply Submodule to the Natural Gas Transmission and Distribution Module
- Re-estimation of lower 48 onshore conventional natural gas drilling equations
- Revision to onshore conventional oil and natural gas reserve revisions
- Addition of two gas shale plays, Marcellus and Haynesville
- Addition of three Alaska oil fields, Nikaitchuq, Liberty, and Qannik
- Opening of access to resources in the Pacific, Atlantic, and Eastern/Central OCS areas, which were formerly under leasing moratoria
- Updates to the assumptions used for the announced/nonproducing offshore discoveries
- Updates to historical reserves and production.

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