

Department of Planning and Budget

2006 Fiscal Impact Statement

1. Bill Number HB680

House of Origin ☐ Introduced ☒ Substitute ☐ Engrossed
Second House ☐ In Committee ☐ Substitute ☐ Enrolled

2. Patron Wittman, Lohr and Morgan

3. Committee House Appropriations

4. Title Biofuels Production Fund and Grant Incentive Program; established.

5. Summary/Purpose: This bill establishes the Biofuels Production Fund (the Fund) and the Biofuels Production Grant Incentive Program (the Program) to administer the Fund. The Program offers grants to producers of neat biofuels, which are defined as either biodiesel fuels or ethanol fuels that are not mixed with traditional fuels such as gasoline or diesel fuel. To be eligible for a grant the producer must produce in excess of 10 million gallons of neat biofuels within the Commonwealth in a calendar year using feedstock originating domestically within the United States. Producers that qualify for a grant under the program may be granted \$0.20 per gallon of neat biofuel produced in the given calendar year at a 50% cost share of up to 80 million gallons. Therefore a producer meeting the maximum production limit under the program of 80 million gallons would be eligible for an \$8,000,000 grant. The Program and Fund would expire on December 31, 2016.

6. Fiscal Impact: According to the Department of Mines, Minerals, and Energy (DMME), the development of the application/production report and required evidence/documentation needed to implement this grant will require hiring an outside consultant at an estimated one-time cost of \$20,000. DMME does not plan to hire any new staff for this work because the work level would decrease substantially after the application is completed. DMME would then operate this program with existing staff, conditioned upon continued receipt of the State Energy Program federal grant at current levels.

Funding needs for the actual grant payments are much more difficult to estimate. The funding need will depend on what size ethanol or biodiesel plant could realistically be expected if the incentive in this bill is put into place. Through conversations with Virginia Clean Cities and Green Virginia, DMME has learned that the most likely scenario is that one 40-60 million gallons per year (mgy) ethanol plant and one 15mgy biodiesel plant would be built. The substitute version limits the incentive to grants based upon commencing or expanding operations. The grant amount needed to fund one 40-60 million gallons per year (mgy) ethanol plant and one 15mgy biodiesel plant would be \$5.5 - \$7.5 million. Additional plants or higher production capacities would increase this amount by \$1 million for every 10 million gallons produced.

Revenue estimates generated by the ethanol and biodiesel plant operations are equally difficult to determine. According to a study entitled "Ethanol and the Local Community" by AUS Consultants/SJH & Company dated June 21, 2002, it would cost approximately \$60

million to build and equip a 40mg dry mill ethanol plant. Much of these expenditures for goods and services will be made in the Commonwealth. Once constructed, the direct effect of operating a plant of this size will create approximately 40 permanent new jobs and is expected to contribute approximately \$1.2 million annually to state and local tax revenue. According to "The Biodiesel Plant Development Handbook" prepared by the Agricultural Utilization Research Institute, a 15mg biodiesel plant would require a capital investment of approximately \$13 million. The handbook further states that a plant of this size would require 28 permanent full-time employees. Tax revenue contributions would be approximately \$300,000 annually.

- 7. Budget amendment necessary:** Yes, Item 115 in HB30, the introduced budget bill.
- 8. Fiscal implications:** See Item 6.
- 9. Specific agency or political subdivisions affected:** Department of Mines, Minerals, and Energy.
- 10. Technical amendment necessary:** No.
- 11. Other comments:** The substitute version of this bill changes the date for commencing eligible sales from January 1, 2006 to July 1, 2006. The substitute also states that "pre-existing producers will be eligible only if their production increases over prior calendar year levels by at least 10 million gallons of neat biofuels". Therefore, a producer would not be eligible for the incentive two years in a row unless they expanded production by 10 million gallons over the previous year's production capacity. The addition of this language will limit the fiscal impact considerably because, unless a producer expands production capacity by 10 million gallons annually, they will only be eligible for the incentive when they actually do expand. The previous version of this bill would have allowed a producer to receive this incentive annually after only commencing or expanding operations once.

Date: 02/16/06 / dma

Document: G:\2006 Fis\Hb680s1.Doc

cc: Secretary of Commerce and Trade