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House of Representatives
COMMONWEALTH OF PENNSYLVANIA
HARRISBURG

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CHESAPEAKE BAY COMMISSION

MEMORANDUM

TO: ALL MEMBERS

FROM: REPRESENTATIVE PETER ZUG

DATE: January 31, 2005

SUBJECT: Agricultural Power Takeoff

The amendment extends the Agricultural Power Takeoff (PTO) liquid fuels tax reimbursement to all PTO used and documented only in conjunction with an electronically monitored and controlled engine.

Power Take Off (PTO) is engine generated pneumatic air pressure used to load or unload a vehicle. An Electronic Control Module (ECM) is a state-of-the-art computer that controls and monitors an engine and transmission. A vehicle's wheels cannot turn when the electronic control module ECM PTO is engaged.

The intent is to encourage wide spread use of the many efficiency, emissions, environmental, maintenance, safety and improved actual road use accounting benefits of most truck engines. The following are a few examples of the more than 100 programmable options and benefits of ECM PTO technology.

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|-----------------------|---|
| Safety: | 1) Monitors vehicle speed; 2) Records quick stops; and 3) Assists in braking |
| Emissions: | 1) Electronic fuel injection efficiencies and reliability; 2) Idle shut down and control; and 3) Records use of PTO |
| Maintenance: | 1) Monitors engine faults; |
| Environmental: | 1) Enables management of both drivers and fuel to reduce the inefficient and unintentional burning of diesel fuel |

If you are interested in being a co-sponsor, please contact Lori Losch at 787-2686 or llosch@pahousegop.com.



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