North Carolina
Department of Administration

Pat McCrory, Governor
Bill Daughtridge Jr., Secretary

John Massey, Director
Motor Fleet Management Division

October 1, 2013

To: Senator Phil Berger, Co-Chair
Joint Legislative Commission on Governmental Operations
Representative Thom Tillis, Co-Chair
Joint Legislative Commission on Governmental Operations
Senator David Rouzer, Chair
Environmental Review Commission

From: John Massey, Director, Motor Fleet Management

Re: Report on Fuel Economy Preferences for New Passenger Vehicle Purchases

North Carolina General Statute 143-341(8)(i)(2b) requires the Department of Administration, Division of Motor Fleet Management, to report annually beginning in 2011 to the Joint Legislative Commission on Governmental Operations and to the Environmental Review Commission on a preference for fuel economy for new vehicle purchases in the top 15% of its class of comparable vehicles.

Attached is the report for 2013 concerning new vehicle purchases applicable to this General Statute. Note that the baseline for fuel economy was established for vehicles that Motor Fleet Management has been utilizing in previous years. New vehicle types need to have a baseline established (Fusions). The only 4 cylinder vehicles Motor Fleet Management has to establish a baseline are 13 years old which is not applicable to the fuel mileage of today's vehicles.

Please contact John Massey at 733-6540 or Ron Allison at 733-6540 if there are questions.

cc: Bill Daughtridge, Jr., Secretary
Dee Jones, Chief Operating Officer
Speros Fleggas, Deputy Secretary
Rhonda Todd, Legislative Liaison

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Report on Fuel Economy Preferences for New Passenger Vehicle Purchases
G.S. 143-341(8)(i)(2b)

October 1, 2013

Per S.L. 2009-241, the Department of Administration is required to report the number of new passenger vehicles that are purchased per G.S. 143-341(8)(i)(2b).

> ***The Department shall report the number of new passenger motor vehicles that are purchased as required by this sub-sub-subdivision, the savings or costs for the purchase of vehicles to comply with this sub-sub-subdivision, and the quantity and cost of fuel saved for the previous fiscal year on or before October 1 of each year to the Joint Legislative Commission on Governmental Operations and the Environmental Review Commission.***

Purchased vehicles:

Six hundred eleven (611) vehicles were purchased in 2013, 40 of which were Law Enforcement vehicles which are exempt from G.S. 143-341(8)(i)(2b). The remaining 571 vehicles purchased by the Motor Fleet Management Division were vehicles that were on State's term contract. In compliance with S.L. 2009-241, the term contract bid included a provision stating the State had a **preference** for vehicles that have a fuel economy for the new vehicle's model year that is in the top fifteen percent (15%) of its class of comparable automobiles.

Midsize vehicles purchased were Ford Fusion sedans (108) which have mileage ratings equivalent to the Chevrolet Malibu and Dodge Avenger both of which are in the top 15% of class. Additional midsize vehicles purchased were Dodge Avenger sedans flex vehicles (101) which have mileage ratings equivalent to the Ford Fusion and Chevrolet Malibu both of which are in the top 15% of class. Full-size vehicles purchased were Chevrolet Impala Flex vehicles (162), which have mileage ratings equivalent to the Ford Taurus and Dodge Charger both of which are in the top 15% of class. In the van class of vehicles, Dodge Grand Caravan Flex vehicles (93) were purchased which have mileage ratings equivalent to the Chrysler Town and Country and the Dodge Ram Cargo Caravan both of which are in the top 15% of class. Off Road vehicles purchased were Ford Explorers Sport Utility flex vehicles (53), which have mileage ratings equivalent to the Chevrolet Traverse which is in the top 15% of class. The remaining Sport Utility Vehicles (54) purchased were ranked lowest fuel economy in the Sport Utility Class.

Costs of purchased vehicles:

The cost of the 2013 Ford Fusion Sedan vehicles was $1,862,157.60.
The cost of the 2013 Dodge Avenger Flex vehicles was $1,863,593.42.
The cost of the 2013 Chevrolet Impala Sedan Flex vehicles was $3,034,349.10.
The cost of the 2013 Dodge Grand Caravan Flex vehicles was $1,972,795.05.
The cost of the 2013 Ford Explorer Flex vehicles was $1,386,586.00.

Fuel usage:

October 2013 is the initial reporting cycle for S.L 2009-241 and no baseline for previous year fuel usage is available for comparison purposes. Motor Fleet Management will capture this data and report on the comparison in following year's report.

September 30, 2013

COST ANALYSIS FUEL USAGE FOR 10/2011 TO 092012

Type	# Vehicles	Veh Class	VehicleTypeDescription	Fuel	MilesDriven	TotalGasQty		
1107	21	MC6F	2011 Dodge Caravan Carg Vn	F	551,913	26,311.22	MPG	20.97634
1207	20	MC6F	2012 RAM C/V Cargo Van E8	F	210,640	6,422.80	MPG	32.79567
1208	40	MP6F	2012 Dodge Caravan Flex	F	58,431	1,624.45	MPG	35.96971
	60							

*MPG- Miles per gallon

COST ANALYSIS FUEL USAGE FOR 10/2012 TO 082013

Type	# Vehicles	Veh Class	VehicleTypeDescription	Fuel	MilesDriven	TotalGasQty		
1202	349	MS4F	2012 Chevrolet Malibu LS E-85	F	3,552,260	132,578.24	MPG	26.79369
1307	85	MP6F	2013 Dodge Gd. Caravan Flex	F	437,410	13,989.78	MPG	31.2664
1302	95	MS6F	2013 Dodge Avenger Flex	F	397,228	11,792.28	MPG	33.68543
1217	51	FL6F	2012 Chevrolet Impala LE Flex	F	642,725	42,432.60	MPG	15.14696
1301	65	MS4G	2013 Ford Fusion	G	157,311	3,729.43	MPG	42.18098
	645							

*MPG- Miles per gallon