

## 2010 Eco-Friendly Taxi Guide

June 18, 2010

The Passenger Transportation Board encourages taxi companies to minimize taxicab carbon emissions. This guide can help licensees identify vehicle options that can reduce their operating costs and carbon emissions.

If the Board approves an application to expand the total number of vehicles operated in the Greater Vancouver Regional District or the Capital Regional District, these additional vehicle must be of eco-friendly. This policy has been in effect since May 17, 2007.

To identify a vehicle that may be used as an eco-friendly taxi, the Board uses the Combined Fuel Consumption Rating, or CFCR, with data published by Natural Resources Canada. The CFCR blends the city fuel consumption rating (55%) with the highway fuel consumption rating (45%). The Board has a maximum CFCR standard for the following classes of vehicles:

- A. Any Class of Vehicle (including mid-size vehicles, compacts and wagons)
  - up to 6.8 litres per 100 km
- B. Special Purpose Vehicles (eg. SUVs)
  - up to 8.0 litres per 100 km
- C. Passenger Vans
  - up to 10.1 litres per 100 km

For some vehicle models, eligibility as an eco-friendly taxi depends on vehicle options such as engine size, type of transmission and fuel type. These details are important.












This guide is prepared for the convenience of licensed taxi operators in British Columbia. It is not necessarily a comprehensive list of vehicles that meet the Board's eco-friendly taxi standard. CFCR information that is published by Natural Resources Canada takes precedence over the vehicle-specific information that is set out in this document. Before purchasing a vehicle, users of this guide are responsible for reviewing and checking the following documents:

1. The Board's Operational Policy IV.2: Eco-Friendly Taxis (at the end of this guide)
2. The Combined Fuel Consumption Rating for a particular vehicle as set out at <http://www.oeenrcan.gc.ca/transportation/tools/fuelratings/fuel-consumption.cfm?attr=8>.

**More Information at the Board website:**  
[http://www.th.gov.bc.ca/ptb/eco\\_friendly.htm](http://www.th.gov.bc.ca/ptb/eco_friendly.htm)

## A. Any Class of Vehicle (Including Midsize vehicles, Compacts & Wagons)

Board maximum CFCR for this class of eco-friendly taxi: 6.8 litres per 100 km

Photo	Mfr	Model	Engine(L)	Cyl.	Fuel	Trans.	CFCR				
							'06	'07	'08	'09	'10
	Toyota	Prius	1.5	4	R	CV	4.1	4.1	4.1	4.1	3.8
	Honda	Civic Hybrid	1.3	4	R	CV	4.5	4.5	4.5	4.5	4.5
	Toyota	Camry Hybrid	2.4	4	R	CV	n/a	5.7	5.7	5.7	5.7
	Nissan	Altima Hybrid	2.5	4	R	CV	n/a	n/a	5.8	5.8	n/a
	Volkswagen	Jetta Wagon	2.0	4	D	AM	6.0		6.3	5.9	5.8
	Honda	Fit Wagon	1.5	4	R	E5E	n/a	6.8	6.8	6.4	6.4
	Nissan	Versa	1.8	4	R	A4E	no	no	no	no	6.6
	KIA	Rio	1.6	4	R	AE4	n/a	n/a	n/a	n/a	6.6
	Hyunda	Accent	1.6	4	R	A4E	no	no	no	no	6.7
	Toyota	Corolla	1.8	4	R	EA	6.8	6.8	6.8	6.6	6.8
	Nissan	Versa	1.8	4	R	A4E	n/a	n/a	n/a	6.8	n/a
	KIA	Rio	1.6	4	R	CV	no	no	no	6.8	n/a

**Note:** Codes for fuel and transmission type are set out on the next two pages.

## B. Special Purpose (SUV) and Full Size Vehicles

Board maximum CFCR for this class of eco-friendly taxi: 8.0 litres per 100 km

Photo	Mfr	Model	Engine(L)	Cyl.	Fuel	Trans.	CFCR				
							'06	'07	'08	'09	'10
	Ford	Escape Hyb	2.3	4	R	CV	n/a	n/a	n/a	n/a	6.1
	Ford	Escape FWD Hyb	2.3	4	R	CV	6.8	6.8	6.1	6.1	6.9
	Ford	Escape Hyb AWD	2.3	4	R	CV	7.3	7.3	7.0	7.2	n/a
	Saturn	VUE Hyb	2.4	4	R	E4E(A)	n/a	n/a	7.3	7.3	n/a
	Toyota	Highlander 4x4 Hyb	3.3	6		CV			7.7	7.7	7.7
	Lexus	RX 400H	3.3	6		CV					6.7
	Hyundai	Sonata	2.4	4	R	A-EA			no	8.0	8.0

### Transmission Types

CV = continuously variable

AM = automatic with manual mode

EA = electronic automatic

### Fuel Types

D = diesel




R = Regular gasoline

### CFCR = Combined Fuel Consumption Rates

- 55% City
- 45% Highway

## C. Passenger Vans

Board maximum CFCR for this class of eco-friendly taxi: 10.1 litres per 100 km

Photo	Mfr	Model	Engine(L)	Cyl.	Fuel	Trans.	CFCR				
							'06	'07	'08	'09	'10
	Mazda	5	2.3	4	R	AM	n/a	9.9	8.7	8.7	8.7
	Toyota	Sienna					no	10.1	10.1	n/a	10.1
	Honda	Odyssey EX-L	3.5	6	R	A	10.1	no	no	no	no

### Transmission Types

CV = continuously variable

AM = automatic with manual mode

EA = electronic automatic

### Fuel Types

D = diesel

R = Regular gasoline

### CFCR = Combined Fuel Consumption Rates

- 55% City
- 45% Highway

## OP IV.2 Eco-Friendly Taxis

<b>Purpose</b>	To set practical vehicle options that enables urban taxi operators to meet the transportation needs of the public while minimizing carbon emissions and operating costs.
<b>Legislation</b>	The Minister may provide general policy directives to the Board with respect to the exercise of the Board's powers and duties. The Board may establish terms and conditions of licence.
<b>Context</b>	<p>On May 8, 2007, the Honourable Kevin Falcon, Minister of Transportation, issued a general policy directive to the Board for addressing the environmental impact of greenhouse gas emissions from the taxi industry.</p> <p>In light of this directive and Board deliberations on policy options for minimizing taxicab carbon emissions, the Board first established an eco-friendly taxi policy on May 17, 2007.</p> <p>Originally, the identification of a vehicle as "eco friendly" for the purposes of this policy was contingent on a series of benchmarks and criteria established by government departments. The Board is now updating its original policy to clarify which vehicles it considers to be an eco-friendly vehicle. The policy update uses combined fuel consumption ratings to identify eco-friendly vehicles.</p>
<b>Policy</b>	If the test, as set out in section 28(1)(a) – 28(1)(c) of the Act is met, and the Board approves a taxi application that increases the supply of taxis in Metro Vancouver or the Capital Regional District, the vehicles must be eco-friendly unless they are accessible taxis.
<b>Eco-friendly vehicles</b>	<p>"Eco-friendly vehicles" include any vehicles, 2006 model year or newer that meet any one of the following criteria:</p> <ul style="list-style-type: none"><li>• any motor vehicle with a CFCR of 6.8 litres per 100 km or less</li><li>• any "special purpose vehicle" (i.e. SUV) or "full size" vehicle with a CFCR of 8.0 litres per 100 km or less, or</li><li>• any "van" or "minivan" with a CFCR of 10.1 litres per 100 km or less.</li></ul> <p>For the purposes of this policy, combined fuel consumption rating ("CFCR") is determined by adding 55% of the vehicle's city fuel consumption rating to 45% of the vehicle's highway fuel consumption rating. These calculations are based on data submitted by each vehicle's manufacturer to Transport Canada's Vehicle Fuel Efficiency Information System. Fuel consumption data is published by vehicle manufacturers and <a href="#">Natural Resources Canada</a>.</p>
<b>Scope of Policy</b>	<p>This policy applies to:</p> <ul style="list-style-type: none"><li>• All licensees included in Appendix A of the "Board Rule Respecting CRD Taxicab Rates".</li><li>• All licensees that have authorization to pick up passengers in Metro Vancouver and are listed in Appendix A of the Board Rule Respecting Lower Mainland Taxicab Rates.</li><li>• Any person who applies to operate a taxi in Metro Vancouver or the CRD.</li></ul>
<b>Effective Date</b>	May 16, 2007 <b>Revised</b> 2007: July 11 2008: January 31; May 28; December 10.