

Department of Infrastructure, Transport, Regional Development, Communications and the Arts

National Heavy Vehicle Charging Pilot On Road Trial

# How the charging model works in Phase 3 of the Trials

## **System Comparison**

### A) Current PAY-GO System

Road usage charges collected via rego fees and the petrol pump

#### **RIGID VEHICLE**

PAY-GO System

PAY-GO System

**BUS** 



Rego = \$600/year

Fuel excise = \$0.26/L



Fuel consumption = 500L



Rego = \$1200/year



Fuel excise = \$0.26/L



Fuel consumption = 800L



PAY-GO System





Rego = \$6000/year

Fuel excise = \$0.26/L

Fuel consumption = 2000L

#### **Example Comparison totals**

#### **A) CURRENT PAY-GO SYSTEM** (rego & fuel)

**APPROX** \$50 (rego) + \$130 (fuel) **TOTAL = \$180\*** (per month)

\$100 (rego) **APPROX** 

+ \$208 (fuel) **TOTAL = \$308**\* (per month)

\$500 (rego) **APPROX TOTAL** + \$460 (fuel) **= \$960\*** (per month)

**B) DISTANCE BASED** MODEL (rego &

distance based charge)

### B) Distance Based Model (using telematics)\*

Telematic devices installed on each vehicle will collect data to produce in comparative mock invoice.

#### RIGID VEHICLE

**Distance Based Model** 



Rego = \$600/year

Distance charge = \$0.12/km

Travelled this month = 1000km

Rego = \$600/year

Distance charge = \$0.15/km

Travelled this month = 2000km

**APPROX** TOTAL (per month)

**APPROX** 

(per month)

**TOTAL** 

\$50 (rego) + \$300 (distance based charge)

**\$50** (rego)

+ \$120 (distance

=\$170\*

based charge)

\$350\*

#### **ARTICULATED VEHICLE**

Distance Based Model

Distance Based Model

**BUS** 



(\$)

Rego = \$600/year

Distance charge = \$0.22/km

Travelled this month = 4000km

#### **APPROX TOTAL**

(per month)

\$50 (rego) + \$888 (distance based charge)

= \$938\*







These numbers are for illustrative purposes only and do not represent actual current or modelled changes.



