

## Faculty of Electrical Engineering Regional Innovation Centre for Electrical Engineering

### Development of Single-Track Vehicle Model

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## **Abstract**

This research report discusses the modifications made by the RICE team to the electric vehicle simulation model. The aim of the modifications was to improve accuracy of the calculation of the power drawn by the traction inverter from the battery, which will allow the use of a simulation model for the sizing of the traction inverter.

## **Keywords**

simulation model, power consumption, electric vehicle