



## Evidence UI GreenMetric Questionnaire



University : Songkhla Rajabhat University  
Country : Thailand  
Web Address : [www.skru.ac.th](http://www.skru.ac.th)

[5] Transportation (TR)

[5.7] Average number of passengers of each shuttle (TR.2)





Figure: Each Electric Shuttle operates 37 trips per day from 07:30 to 16:45. Based on full seating capacity, the five Electric Shuttles provide a total of 185 trips per day and can accommodate up to 3,478 passengers per day.



Figure: Each Electric Golf Cart operates an average of 14 trips per day. Passenger capacity depends on the seating capacity of each vehicle.



Figure: Each Electric Motorcycle operates an average of 24 trips per day. Passenger capacity is based on one passenger per trip.

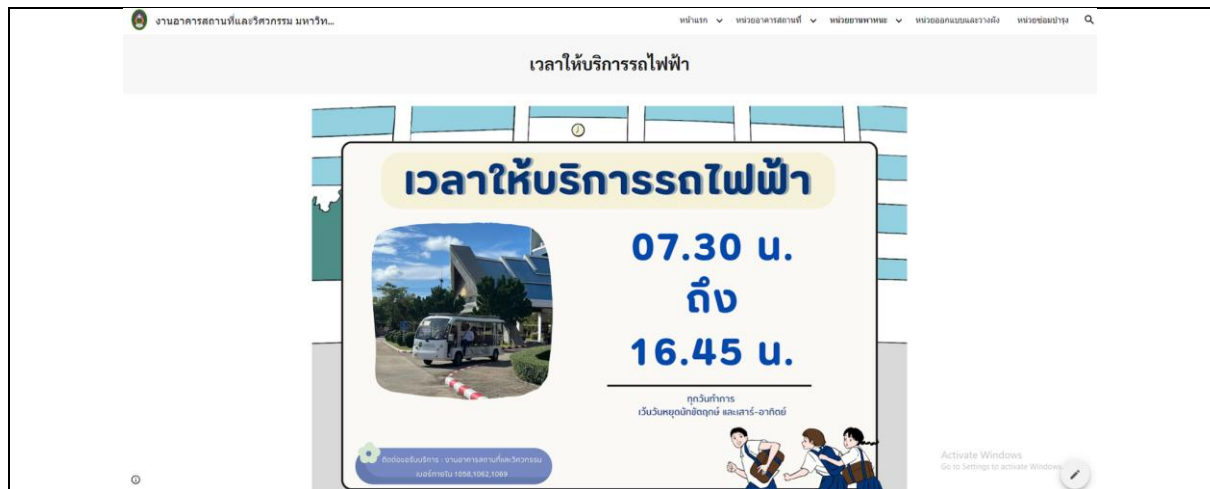


Figure: Average number of passengers per Electric Shuttle is 18.8 passengers, based on the total seating capacity of 94 seats from five Electric Shuttles operating daily from 07:30 to 16:45.

Table: Average Seating Capacity and Estimated Daily Passenger Capacity of Electric Shuttle Services

| No. | Vehicle type        | Overall average                          |
|-----|---------------------|------------------------------------------|
| 1   | Electric Shuttle    | 3,478 passengers per day                 |
| 2   | Electric Golf Cart  | 28 passengers per day (14 trips per day) |
| 3   | Electric Motorcycle | 24 passengers per day (24 trips per day) |
|     | <b>Total</b>        | <b>3,530 passengers per day</b>          |

#### Description:

Songkhla Rajabhat University operates electric vehicles to support internal campus mobility for students, staff, and visitors. The five Electric Shuttles have a total seating capacity of 94 seats per round, with an average seating capacity of 18.8 passengers per shuttle.

Each Electric Shuttle operates 37 trips per day from 07:30 to 16:45. Based on full seating capacity, the five Electric Shuttles can accommodate up to 3,478 passengers per day. In addition, Electric Golf Carts and Electric Motorcycles support short-distance transportation and operational mobility within the campus, with estimated daily passenger capacities of 28 passengers and 24 passengers, respectively.

Overall, the university's electric mobility system can support approximately 3,530 passengers per day. This service helps reduce private vehicle use, decrease traffic congestion, and promote low-carbon transportation within the campus under the UI GreenMetric Transportation category.