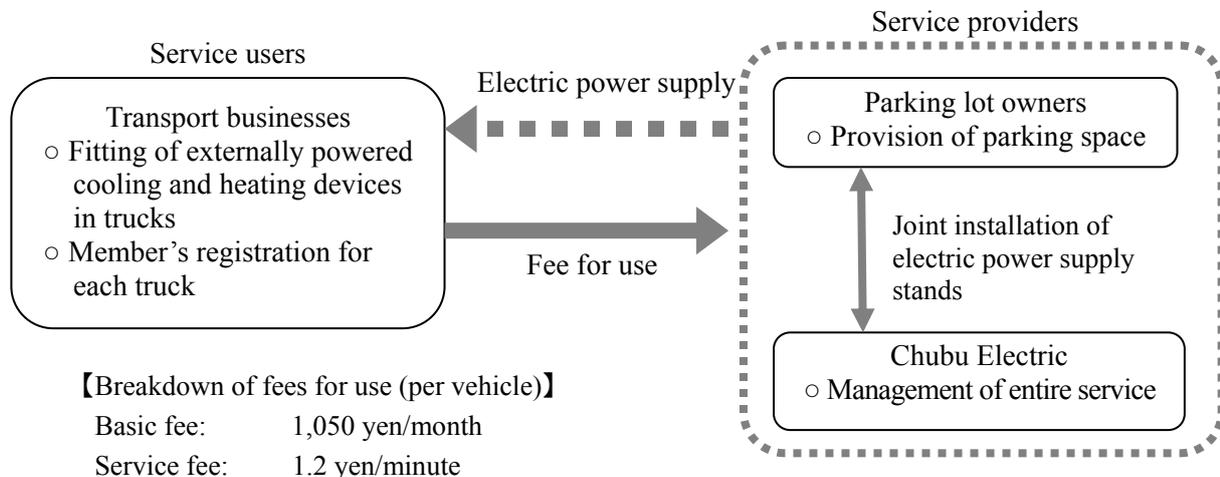


Overview of Electric Power Supply Stand Project to Reduce Engine Idling

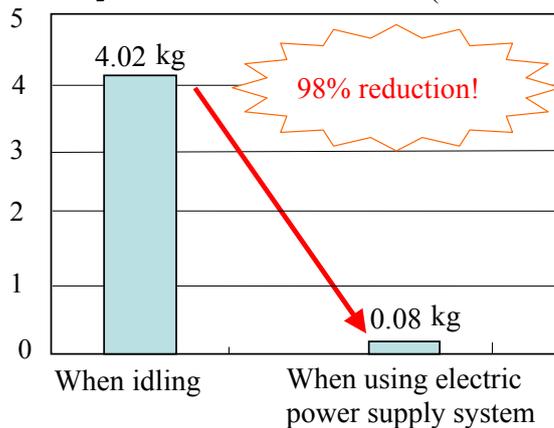
1. Example of business scheme



2. Effect of introduction

(1) CO₂ emissions reduction effect

(kg) CO₂ emissions reduction effect (Emissions per hour)



【Basis for conversion】

- Light oil consumption by large trucks when idling = 1.56 liters/hour (estimated from Ministry of the Environment survey data)
- CO₂ emission coefficient for light oil = 2.58 kg-CO₂/liter
- Power consumption = 0.22 kWh (Results of Tokyo Electric Power Co., Inc. survey)
- CO₂ emission factor for electric power = 0.373 kg-CO₂/kWh (CO₂ emission coefficient for 10 standard electricity providers (following adjustment)) (Federation of Electric Power Companies of Japan, September 2009)

(2) Other effects

	Effects
Parking lot owners	<ul style="list-style-type: none"> ○ Reduction of idling noise ○ Improvement of air quality around parking lot
Transport businesses	<ul style="list-style-type: none"> ○ Reduction of fuel use (cost) (approx. 110,000 yen/vehicle/year) * ○ Improvement of working environment
Truck drivers	<ul style="list-style-type: none"> ○ Reduction of noise and vibration due to idling (more comfortable rest, improved sleep, safer operation)

* Calculated based on a rate of use of large trucks of 6 hours/day for 250 days/year, at a cost of 100 yen/liter for light oil

3. Electric power supply stands

AICHI ELECTRIC CO., LTD., a member of the Chubu Electric Group, manufactures the electric power supply stands.