Auxiliary Loads: 2013 VW Jetta TDI
Steady State Load Measurement

Number of Vehicles: 4
Location of on-road operation: Arizona
Description of use: Taxi service

Description / Specifications
- Engine Displacement: 2.0 L
- Engine and Fuel Type: Turbo Diesel
- Alternator max current rating: 140 A

Average Baseline Auxiliary Load (watts)
- Engine Off / Key On (All Loads turned off): 113.9 watts
- Engine Running at Idle (All Loads turned off): 257.9 watts

Individual Auxiliary Loads: Average Power (watts)
- Low Beams: 112.6 watts
- High Beams: 206.8 watts
- Brake Lights: 45.1 watts
- Reverse Lights: 31.9 watts
- Hazards: 44.3 watts
- Dome (Front & Rear): 6.0 watts
- Radio (high volume): 64.4 watts
- Window (Driver): 38.4 watts
- Cabin Fan (Speed 1): 53.0 watts
- Cabin Fan (Speed 2): 76.2 watts
- Cabin Fan (Speed 3): 125.3 watts
- Cabin Fan (Highest Speed): 268.5 watts
- Wipers with Washer: 66.3 watts
- Wipers (High Speed): 74.8 watts
- Seat Heaters (both front seats): 127.5 watts
- Rear Defroster: 279.9 watts
- Electric Power Steering: 210.1 watts
- Engine Fan: 73.8 watts

Summary of Add-On Auxiliary Load (watts)
- Taxi console and back seat meter: 3.3 watts
- Taxi dash-mounted meter: 2.2 watts
- Isaac Data Acquisition System: 2.1 watts