

Russ Darrow – Madison Kia



44% Energy Reduction \$5,084 Annual Savings

- Exterior Showroom lot area
- Wall Packs
- Service and Parts area
- Body Shop
- Locker Room
- Service Writing area

| Project Data – TOTAL | Electric Energy Use | Electric Demand | Annual Cost of Electricity |
|----------------------|---------------------|-----------------|----------------------------|
| Prior System | 109,124 kWh | 24.9 kW | \$13,088 |
| energybank | 61,483 kWh | 14.0 kW | \$8,004 |

TOTAL ENERGY REDUCTION: 47,641 kWh

ANNUAL ENERGY REDUCTION: 44%

BASELOAD DEMAND REDUCTION: 10.9 kW

Additional lighting savings in maintenance and repair

By upgrading existing lighting to high-performance, energy-efficient LED throughout the dealership (both interior and exterior), Russ Darrow reduced electrical energy costs for lighting by 44%. This significant reduction equates to an annual electrical cost savings of \$5,084. Award-winning model T® and FUSION™ solar powered LED, in addition to LED conversion kits and wall packs are several of the products deployed to complete this upgrade. In addition to improved operations, Russ Darrow has eliminated lighting related maintenance and repair.

Efficient. Sustainable. Good Business. That's LED Done Right®.

Energy savings from this project have a positive impact on Greenhouse Gas emissions. A reduction of **47,641 kWh** is the equivalent of:



Eliminating the greenhouse gas emissions from **7 passenger vehicles** driven for one year



Eliminating the CO₂ emissions from the energy use of **4 homes** for one year



The carbon sequestered by **39 acres** of US Forest in one year