

A Power Solutions Company

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Energy Xtreme's Power Cells have proven to address :

- 1. Environmental Pressures**
- 2. Unpredictable Fuel Costs**
- 3. Fleet Maintenance**
- 4. Dead Batteries**
- 5. Driver Safety**
- 6. Remote Power Needs**



The Independence and Utility Packages

- **A power management systems that allows any vehicle's electrical equipment to be powered while the engine is turned off .**
- **Contain a power cell that requires no fuel, no maintenance, and has no moving parts.**
- **Recharges while you drive with OEM alternator.**
- **100% redundant – no dead batteries.**
- **Operates silently and is Recyclable.**



The Independence Package and Utility 4 Package Specifications

INDEPENDENCE PACKAGE (IP)	UTILITY (4 P)
1. <u>Starting Power:</u>	2500 Amps
2. <u>Power Cell Capacity:</u>	2000 Whrs
3. <u>Charger Input Voltage</u>	N/A
4. <u>Charger Input Power</u>	950 Watts
5. <u>Charger Output Current</u>	N/A
6. <u>Enclosure</u>	Powder Coated Aluminum
7. <u>Dimensions</u>	33.25" x 12.25" x 8.75"
8. <u>Weight</u>	130 lbs
9. <u>2 year warranty included with a 3rd year optional</u>	340 lbs



- **Originally Developed by Tracor - US Defense Contractor 10+ years ago.**
- **Safety and Abuse testing conducted by :**
 - **Southwest Research Institute**
 - **Electric Power Research Institute**
- **Temperature tested**
 - **to 140 degrees F**
 - **to 30 degrees below zero**



- **Replaces Generators and Inverters**
- **Safety Tested**
- **No Emissions**
- **Requires No Fuel**
- **Power Cell is Non-Hazmat, dry, solid state**
- **No Moving Parts**
- **No Maintenance**
- **Highly Resilient; abuse tested: short circuit, high current**
- **Excels at 24/7 operations**
- **Recyclable and Runs Silent**
- **5-7 year life**
- **Provides Mobile Power, Anywhere, Anytime**



Our Clients Include:

- **New York Police Department**
- ***Fort Hood***
- **Inglewood Police Department**
- **Austin Police Department**
- ***Austin Signs & Signals Dept.***
- ***Austin Roads & Bridges Dept.***
- **Boulder Police Department**
- ***Louisville Water Utility Dept.***
- **San Antonio Police Department**
- ***San Antonio International Airport***
- ***Lower Colorado River Authority***
- **Duncan Police Department**
- **Dallas Police Department**
- ***Dallas Water Utility Department***
- **Pima County Sheriff's Department**
- **Eugene Police Department**
- **Travis County Sheriff's Department**
- **Irving Police Department**
- ***Irving Signs & Signals Dept.***
- ***Irving Roads & Bridges Dept.***
- **Denton Police Department**
- **Plano Police Department**



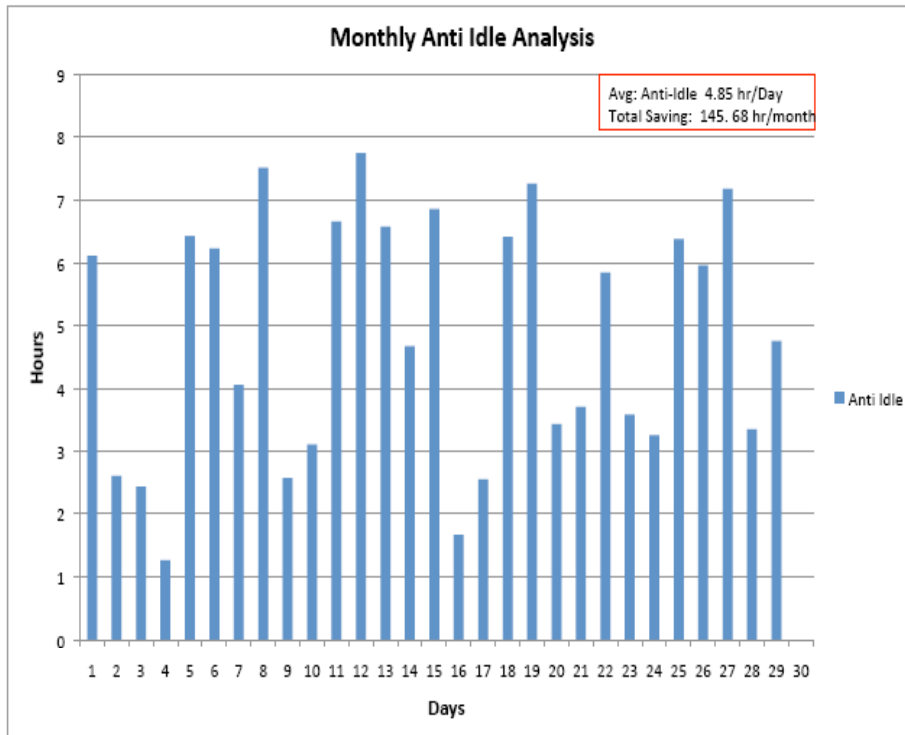
Track Energy Efficiencies, Cost Savings, and Emission

Energy Xtreme will provide monthly or quarterly reports on operational and environmental impact.

- **Carbon Dioxide Emissions Reduced**
- **NOx Emissions Reduced**
- **Energy Efficiency**
- **Cost Savings**



Case Study



300 Day Year Summary:

Average Usage Per Day: 4.63 Hours

Average Fuel Savings

Per Day: 4.85 Gallons

Annually: 1455 Gallons

Pounds of CO2 Reduced

Per Day: 74 lbs.

Annually: 22,200 lbs.

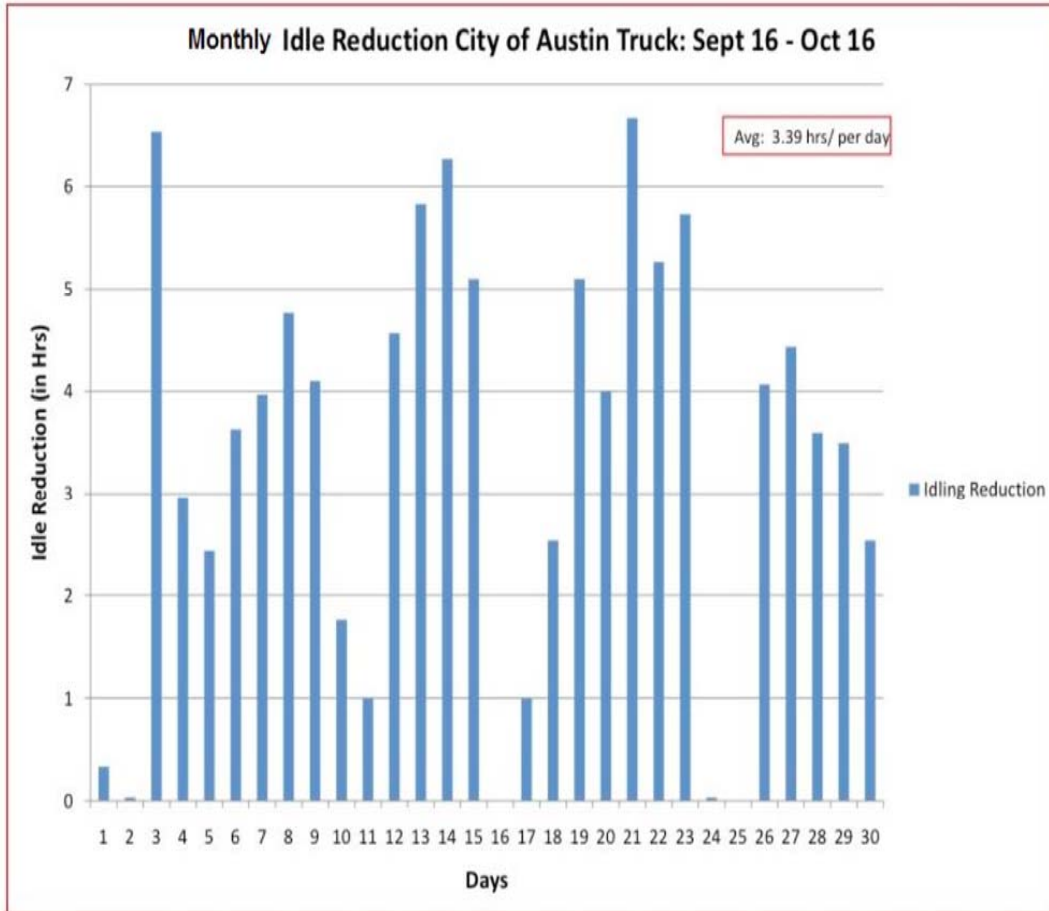
Ghost Miles Reduced

Per Day: 150.00 Miles

Annually: 45000Miles



Dallas Police Department Case Study



300 Day Year Summary:

Average Usage Per Day: 3.39 Hours

Average Fuel Savings

Per Day: 3.73 Gallons

Annually: 1119 Gallons

Pounds of CO2 Reduced

Per Day: 71.23 lbs.

Annually: 21,369lbs.

Ghost Miles Reduced

Per Day: 118.65 Miles

Annually: 35,595 Miles



Reasons Dallas Police Like The Independence Package

- 1. Reduces Wear & Tear**
- 2. No Dead Batteries – 100% Redundancy**
- 3. Improves Vehicle Functionality**
- 4. Officers Safety**
- 5. Jump Start Capabilities**
- 6. Fuel Savings**
- 7. No Maintenance and easy install**
- 8. Extend car's lifespan**
- 9. Eliminates Emissions**
- 10. Tracking and Reporting Software**



Government Technology

<http://www.govtech.com/gt/articles/723276>

HS Today - Homeland Security Insight and Analysis

<http://www.hstoday.us/content/view/10094/149/>

Clean Technology

http://www.cleantechnology-business-review.com/news/energy_xtreme_unveils_independence_package_used_for_cars_electrical_system_when_engine_is_turned_off_090903

Officer.com

http://directory.officer.com/product/76452/ENERGY_XTREME_Independence_Package

Government Consecutive

<http://govconexecutive.com/2009/11/ecos-event-showcases-key-partnership-opportunities/>

Smart Money

<http://www.smartmoney.com/news/pr/?story=PR-20090903-001788-1318>

Environmental Leader

<http://www.environmentalleader.com/2009/09/04/police-cruiser-idling-system-saves-3k-per-vehicle/>

Reuters

<http://www.reuters.com/article/pressRelease/idUS211693+03-Sep-2009+BW20090903>

CNBC <http://www.cnbc.com/id/32675956>



Utility Package installed in Austin Water Utility Dept Truck



Independence Package Installed in a Crown Victoria



Conclusion



- **Improves Energy Efficiencies and Vehicle Functionality**
- **4-6 hours of run time with full electrical load**
- **Charges while you drive**
- **Saves engine wear and tear**
- **Cost Savings on Fuel**
- **Driver/Officer Safety**
- **100% redundancy – No Dead Batteries**
- **No Maintenance and Recyclable**
- **Replaces Generators and Inverters**
- **Provides mobile power, anywhere, anytime**
- **Eliminates Emissions**
- **Tracking and Reporting of Energy Efficiencies, Cost Savings and Emission Reduction**

