EnergySense

Capability Statement

EnergySense creates mechanical and electromechanical technologies in the fields of transportation and energy efficiency. Driven by a solid understanding of fundamental physics, this veteran owned business develops single components to entire systems primarily for land and air transportation. We provide research & development consulting services or turn-key hardware for private enterprises, governmental agencies and non-profit activities.

Core Competencies

- Electromechanical components, products and systems development
- Non-exclusive focus on land and air alternative transportation technologies
- Research and analysis of energy, power and energy efficiency
- Review and reporting on technology based business models

Differentiators

EnergySense has been headed by Carl E. Lawrence, a physicist with a mechanical engineering and drafting background, for more than two decades. His technical education combines with his MBA and army commander experience, to create an exceptional project team leader. EnergySense draws upon the many talented engineers, technicians, professors and students in the Denver/Boulder area and the University of Colorado, to populate the project teams as required. EnergySense is housed in an off-grid, passive-solar, research aircraft hangar located on the Boulder Muni airport.

Past Performance

- Thermal-energy analysis of passive-solar aircraft hangar for Solar Hangar, LLC
- Development of dedicated electric motor for general aviation for EnergySense
- Design and validation engineering for suspended transit system of Swift Tram, Inc.
- Engineering team management for battery-electric aircraft for Bye Aerospace, Inc.
- Led team to convert Prius hybrid car to plug-in vehicle for Eetrex, Inc.
- Developed hybrid-electric buses for Columbine Bus, Inc, and Denver RTD.

Corporate Data

EnergySense, LLC was registered in Colorado in 1996
DUNS 12-313-8252, cage 79M09
NAICS 541330
SBC Control ID SBC_000686335

Contact Information

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