

Case Study

Essex Meadows



CHALLENGE

Essex Meadows, an LCS senior living community, needed a reliable partner to manage its complex and evolving energy needs. Rising utility costs, market volatility, and sustainability goals—including pursuing LEED certifications, significant challenges. The community required a strategy that not only reduced costs but also aligned with long-term environmental commitments. Additionally, Essex Meadows wanted to explore innovative projects like EV charging and campus-wide efficiency upgrades to further advance its sustainability initiatives.

AT A GLANCE

- ▲ **Location:** Connecticut
- ▲ **Building Type(s):** Senior Living Community
- ▲ **Services Performed:** Electricity Procurement, Energy Efficiency, Electric Vehicle (EV) Charging
- ▲ **Community Savings:** \$498,000

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APPROACH AND SOLUTION

As an Exclusive Vendor of LCS, Titan Energy has partnered with Essex Meadows since 2010, providing more than a decade of tailored energy management solutions. Leveraging its independent consultancy model, Titan Energy designed a multi-faceted strategy to address both financial and sustainability priorities:

- ▲ Electricity Procurement and Cost Savings: Since January 2022, Titan Energy has helped Essex Meadows save \$498,000 compared to volatile utility pricing, which reached as high as \$0.23031/kWh. Long-term agreements were secured to provide budget stability while guarding against future utility increases.
- ▲ Sustainability Alignment: All electricity contracts were structured to be 100% Green-e® certified, directly supporting the community's sustainability and LEED certification goals.
- ▲ Beyond Procurement: Titan Energy expanded support with additional energy-centric projects, including the installation of EV charging stations and ongoing work on a FridgeWize motor upgrade to increase efficiency across the campus.

Through this comprehensive approach, Titan Energy continues to help Essex Meadows manage costs, achieve sustainability targets, and lead as an innovative senior living community within the LCS network.

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