



# NEWS RELEASE

**For Immediate Release**

## **NES COMMISSIONS FG SERIES SYSTEM AT LOS ALTOS APARTMENT COMPLEX**

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***Garage kWh consumption & peak kW demand calculated at less than 5% of full-load capacity***

**SAN MATEO, CA, March 10, 2020** – Nagle Energy Solutions (NES) announced it has commissioned its patent-pending, demand-control ventilation (DCV) system for commercial garages at The Alton, a state-of-the-art apartment complex recently constructed at 4880 El Camino Real in Los Altos, CA.

The NES system for commercial garages is projected to reduce the property's energy consumption by more than 45,000 kilowatt hours (kWh) per year, providing a recurring, operational-cost savings amounting to \$7,800 a year, not accounting for future utility rate increases.

The total savings equates to a 95% reduction in energy costs. As a result, the cost to ventilate The Alton's below grade garage is estimated to be just \$400 per year (or \$33 per month), down from the more than \$8,200/year (\$6,600/month) property management otherwise would pay without the NES system in place and operating continuously.

The property includes a single-level, below-grade, 13,000 square foot garage, which is ventilated by a 7.5-HP exhaust-fan motor unit and three, 1.5-HP transfer fans. Per the California Energy code (Title 24), below-grade garages in multifamily and mixed-use properties must be ventilated on a 24/7 basis.

The NES system controls the rate of ventilation in The Alton garage based on carbon monoxide (CO) concentrations at a given juncture. BACnet-communicating NES carbon monoxide (CO) sensors provide instantaneous feedback to the NES FG Series controller installed on site, which then relays speed commands — via variable frequency drives (VFDs) — to the garage's fan motors, increasing and decreasing their speeds in proportion to CO readings.

This approach, when deployed in conjunction with proprietary NES controller sequencing logic, routinely captures kWh and peak kW demand savings in the range of 95% and, in a number of other cases, as high as 97%.

**About Nagle Energy Solutions:** Based in San Mateo, CA, Nagle Energy Solutions, LLC ([www.nagle-energy.com](http://www.nagle-energy.com)) develops, manufactures and distributes a patent-pending DCV system for commercial garages which markedly reduces energy consumption by increasing operational efficiencies – all while the garage-fan motors run continuously.

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NES / The Alton Garage Release  
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