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Lafrance Hospitality engages Fairbanks Energy Services to design efficiency solutions for Hampton Inn & Suites

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Plymouth, MA Fairbanks Energy Services, a full-service design/build energy efficiency firm and developer of comprehensive commercial and industrial projects, has completed comprehensive energy solutions with Lafrance Hospitality. The project was developed to lower energy use and ensure efficient operations of their Hampton Inn & Suites. Combined, the LED lighting and energy management system upgrades are estimated to save the hotel over 268,700 kWh annually.

Streamlined, efficient operations is one of the core principles of Lafrance Hospitality, the management company and franchise owner for the Hampton Inn & Suites by Hilton. One of multiple New England locations managed by Lafrance Hospitality, this hotel was designed for comfort but challenged by high energy use. Fairbanks Energy engineered the LED lighting and energy management system projects to enhance guest experience while supporting a sustainable future for the hotel.

Installed across the 76,000 s/f property, the efficiency solutions are estimated to lower annual energy use in kWh by over 70%.

The LED lighting project required 1,400 fixtures retrofitted or replaced with:

- LED CR drum retrofit fixtures;
- LED T5 and T8 tube and driver retrofits;
- LED downlight fixtures; and
- New ballasts where needed.

For the second phase of the project, Fairbanks Energy engineered a new energy management system for the hotel. Upgraded existing thermostats combined with the new system will allow facility personnel to:

- Monitor the capability of in-room equipment;
- Monitor total energy savings;
- Set custom temperature settings that change based on guest check-in;
- Set high/low maximum temperature settings; and
- Add custom alerts.

To achieve these results, Fairbanks Energy provided the design, engineering and commissioning of the EMS, upgraded 122 HVAC units with new thermostat features and installed additional coordinators, splitters and cable needed to network the system.

“We are delighted to offer guests a premium level of comfort and experience at the Hampton Inn & Suites in Plymouth while additionally committing to sustainable operations of the hotel,” said Timothy Burkhardt, vice president of lodging and development, CHA, Lafrance Hospitality. “Lafrance Hospitality is pleased with the efficiency measures built by Fairbanks Energy Services.”

“Fairbanks Energy Services is proud to install efficiency upgrades designed to improve the experience of both the Hampton Inn & Suites’ operations team, as well as hotel guests,” said Adam Fairbanks, CEO, Fairbanks Energy Services. “Especially important to the hospitality industry, these lighting and HVAC energy savings measures improve environmental comfort while resulting in significant savings for Lafrance Hospitality’s hotel.”

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