

EBI Consulting's Energy and Sustainability (E&S) group is dedicated to helping our clients operate efficient and cost effective facilities. Using modeling, analysis, advanced building automation systems, creative mechanical and electrical re-use, construction management, and building commissioning, we identify opportunities to optimize building performance. These methods are proven to lower energy costs, improve occupant comfort, and increase occupant productivity.

According to the Federal Housing Administration's new Multifamily Mortgage Insurance Premiums (MIPs), MIPs issued or reissued after April 1, 2016 for existing multifamily properties can be reduced by 20-45 points by validating their energy efficiency performance. The proposed MIP rates are to encourage owners to continue supporting and implementing higher standards that are more sustainable and energy efficient than traditional approaches. Properties may qualify for the reduction by showing evidence of committing to industry-recognized green building standards and committing to energy performance in the top 25 percent of multifamily buildings nationwide.

EBI's **ENERGY STAR Certification** services will show evidence of industry-recognized green building standards by determining the building's energy usage and ENERGY STAR rating using the U.S. Environmental Protection Agency's ENERGY STAR Portfolio Manager© tool. A property must score an energy performance rating of least 75 out of 100 in order to achieve these commitments.

If a property does not score at least a 75, EBI can provide **ASHRAE Level II Energy Audit** services to identify Energy Conservation Measures and improve the property's energy usage. An ASHRAE Level II Energy Audit involves the following:

- ◆ **Building Walkthrough**
- ◆ **Light Level Measurements**
- ◆ **Interviews with Maintenance Staff**
- ◆ **Examination of utility bills**
- ◆ **Survey of energy using equipment**
- ◆ **Breakdown of energy usage**
- ◆ **Economic analysis of Energy Conservation Measures and Capital Improvements**

EBI will help to identify the most cost-effective and energy efficiency improvements to a property in order to meet an energy performance rating of at least 75 points. After improvements are made, EBI will update the property's ENERGY STAR application to ensure conformance, complete the ENERGY STAR submittal forms, and submit submission to ENERGY STAR.

