



HSBC Card Service Inc

Chesapeake, Virginia

The HSBC facility in Chesapeake, VA is a two story, 121,953 SF office space. The building is managed by Jones Lang LaSalle and ColonialWebb has a long-term preventive maintenance service contract for it.



The Challenge

HSBC has committed to significantly reduce their carbon emissions in order to become the first major carbon neutral bank. Part of that commitment was to have their existing buildings assessed in order to see what measures were needed to qualify them for ENERGY STAR and LEED status. In order to accomplish this for their Chesapeake building, HSBC turned to Jones Lang LaSalle to manage the project. To assist with this project, the property manager wanted to bring in a contractor with an extensive knowledge of the building who also had experienced Energy Engineers and technicians on staff to perform all the needed work.

The Solution

Due to ColonialWebb's vast experience and familiarity with the building, Jones Lang LaSalle elected to bring in the firm not only as LEED consultants for the project, but also as the Retro Commissioning agent. ColonialWebb helped identify which points the building could obtain to earn LEED Existing Building, Operations and Maintenance status that also had the most impact on energy reduction. During the retro commissioning process, small mechanical issues including leaks and needed repairs were fixed to enhance the mechanical system's performance.

To receive points for proper indoor air quality, carbon dioxide sensors were installed. Also, the entire building's air flow system was rebalanced for occupant comfort and peak unit efficiency. ColonialWebb compiled and submitted most of the necessary forms, building operating plans, and documentation needed for the LEED process verification. In addition, one of ColonialWebb's Professional Engineers verified the building's performance and submitted the application to the EPA for its ENERGY STAR label.

"ColonialWebb helped us earn our LEED certification for the building, helped with retro commissioning, and helped us earn our ENERGY STAR label. They have been a big help in helping us accomplish our goals. We are very satisfied with the work they performed."

- Mike Nootnagel,
Chief Building Engineer

The Results



ColonialWebb's ability to offer a turnkey solution proved vital in HSBC's efforts to earn LEED status and the ENERGY STAR label. With the help of ColonialWebb's Green Energy Solutions team, HSBC's building earned LEED EB Operations and Maintenance Silver status and an ENERGY STAR rating of 90.

To maintain the building at a high level of efficiency and keep its ENERGY STAR label, ColonialWebb has developed an energy focused, ongoing commissioning/maintenance program.



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