

Case Study



“As an owner/developer, the best part about working with Comfort Systems USA was that successful execution of our energy and sustainability goals for the project took almost no involvement from us. They handled everything directly with the design and construction team while keeping us in the loop and the project was smoothly completed.”

Monica McCullough,
Providence Housing
Development Corporation

Project Summary

Name

East House –
State Street Apartments

Market

Multi-Unit
Low-Income Residential

Location

Rochester, New York

East House – State Street Apartments

The Challenge

Providence Housing Development Corporation required funding to build the East House – State Street Apartments in Rochester, New York. To achieve the most funding, Providence Housing had to design the renovation to meet national energy efficiency standards. Providence Housing needed an energy efficiency consultant who understands all aspects of energy efficient construction including the complexities of a comprehensive renovation. Comfort Systems USA (CSUSA) Energy Services was ready to help.

The renovation of this parking garage into apartments in Rochester, NY will serve special needs residents and provide permanent affordable housing for the surrounding community. This project also helps to revitalize a distressed area of the city.



The Solution

The CSUSA Team:

- Identified the best energy efficient strategies in the design and construction to provide a successful renovation.
- Certified all 45 units as ENERGY STAR® Homes to meet the project energy efficiency goals and secure project funding.
- Provided technical support to the architect and builder. during design and construction to achieve ENERGY STAR® Homes

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High efficiency mechanical and hot water systems, energy efficient appliances, added insulation, and comprehensive air sealing will provide reduced energy use for these apartments.

East House – State Street Apartments

A Closer Look

The CSUSA team started working with Providence Housing Development Corporation in November 2010, prior to submittal for project funding from the department of Housing and Community Renewal (HCR). The team provided energy efficiency consulting throughout the project phases and secured funding from state and federal sources.

CSUSA's scope of work included design assistance, site inspections by Home Energy Rating System (HERS) Raters and final reporting to funding agencies. ENERGY STAR® Homes Certification was achieved in all 45 units at the East House – State Street Apartments. The ENERGY STAR® certification verified that the project met HCR's energy efficiency requirements.

CSUSA was able to adjust to unique site constraints during construction to ensure the building would meet the ENERGY STAR® program requirements. With an average HERS Index of 59, the project is estimated to reduce energy use by 41% compared to a typical home.

Use Our Energy to Save Yours!



Contact us. We can help you.

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