

Rebuilding Uptown

An Energy Efficient New Homes Program Case Study

Features of ENERGY STAR® Qualified New Homes:

All Build Now homes are designed to meet ENERGY STAR standards, resulting in up to a **35% savings on monthly utility bills** compared to a typical older home. ENERGY STAR qualified homes include a variety of features that contribute to improved home quality and homeowner comfort, lower energy demand and reduced air pollution, including:

- ◇ Effective Insulation
- ◇ High-Performance Windows
- ◇ Tight Construction & Ducts
- ◇ Efficient Heating & Cooling Equipment
- ◇ Efficient Appliances
- ◇ Third-Party Verification

www.energystar.gov

Build Now is both a non-profit organization and a licensed and insured residential contractor. For more information, call (504) 324-3964 or visit www.buildnownola.com.



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Helping New Orleans Rebuild

The damage caused by Hurricane Katrina was devastating to New Orleans. High winds and a brutal tidal surge destroyed nearly 275,000 homes, many of which were located in lower income areas. To help the rebuilding effort, Entergy New Orleans created the **Energy Efficient New Homes Program**, which provides resources to help homeowners rebuild their homes to high efficiency standards. One of the first homes the program helped rebuild was located on Soniat Street, Uptown.



The home after Hurricane Katrina

New home. Same address.

The property at 2211 Soniat Street has been in the same family for generations, and it was of critical importance to the homeowners that their new home be built at the same address. Build Now, the homeowners' contractor, is a non-profit organization that constructs new, energy-efficient homes on the same land as homes that were destroyed by the storm.



The rebuilt home on Soniat Street

Build Now chose equipment and design components that will both maximize energy efficiency and enable the new home to withstand high winds and flood conditions. The rest of the house incorporates money-saving energy efficiency measures including **Low-E glass windows**, **open-cell spray foam insulation under the floors**, **cellulose insulation throughout the walls**, and a **radiant barrier in the attic**.

The interior of the home promotes high indoor air quality by using low VOC interior paint, plywood rather than particleboard cabinets, and low-emission laminate flooring instead of carpet, resulting in fewer allergens and dangerous chemicals.

The elevated, wood-framed house has an **integrated wind load design** capable of resisting winds up to 130 mph, reducing the required number of hurricane clips by two thirds. The treated lumber and piling foundation is economical, sturdy and termite-resistant.

Preserving the Neighborhood Feel

In addition to building new, energy efficient, durable homes on existing property, Build Now works to preserve the character of traditional New Orleans homes, featuring open floor plans, high ceilings and large windows. By providing an alternative to substantial renovations or modular homes, Build Now is helping restore not only houses, but the look and feel of historic New Orleans neighborhoods.



The Energy Efficient New Homes Program is administered by CLEAResult Consulting. For more information, contact us at (512) 327-9200 or visit www.clearresult.com.