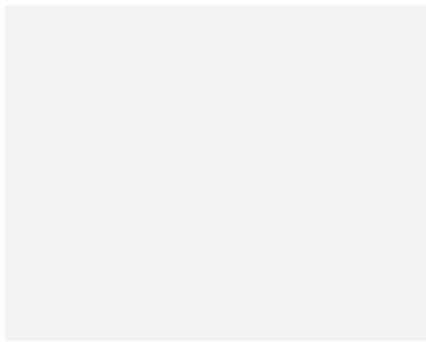
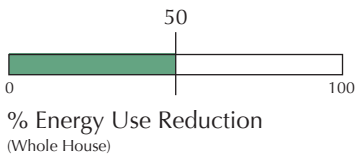




## Green Dream 2

New Orleans, LA  
2009



Like its predecessor, the Green Dream 1, the Green Dream 2 is also built on telescoping concrete piers. Designed to accommodate high occupancy, the single story, 1,900 square foot plan features an open living, dining and kitchen area, 4 bedrooms and 2 baths. To keep cooling costs low, windows are positioned to allow for natural ventilation while large overhangs and a deep front porch decrease solar gain. A high efficiency mechanical system comprised of an air source heat pump split system, controlled outside air ventilation, dehumidifier, programmable thermostat and sealed ductwork work together to make the home healthy and comfortable for its occupants. Mechanical equipment and ductwork located in the trussed attic allow for efficient air distribution and maximum usable square footage below. Closed cell spray foam installed below the roof deck and in the floor joist bays make up the top and bottom of the thermal enclosure. High performance impact rated windows and 2 inches of rigid insulation on the outside face of the stud walls complete the system. If operated as designed, the home will use 50% less energy relative to a code built home in 2009.