

IECC 2015 Label

6606 Windy Hills Lane

Model: Plan 5621

Ekotrope RATER - Version: 3.1.1.2183

HERS® Index Score: 53

Building Envelope Specs

Ceiling: R-38

Above Grade Walls: R-13

Foundation Walls: N/A

Exposed Floor: R-19

Slab: R-0

Infiltration: 2116 CFM50 (3.35 ACH50)

Duct Insulation: R-6

Duct Leakage: 60 CFM @ 25Pa

Window & Door Specs

U-Value: 0.35, SHGC: 0.23

Door: R-2

Mechanical Equipment Specs

Heating: Furnace • Natural Gas • 80 AFUE

Cooling: Air Conditioner • Electric • 16 SEER

Hot Water: Water Heater • Natural Gas • 0.82

Energy Factor

Builder or Design Professional

Signature: _____



**CERTIFIED
NEW HOME**

ENERGY STAR

Address:

6606 Windy Hills Lane
Katy, TX 77493

Built by:

Lennar Homes

Verified by:

DPIS Engineering, LLC

Date:

May 24, 2019

ENERGY STAR® for Homes Version Number:

Version 3.1

Optional information:

This home has been independently verified to meet EPA's strict
guidelines for energy efficiency.

Learn more at energystar.gov

5/30

Home Energy Rating Certificate

Final Report

Rating Date: 05/24/2019
 Registry ID: 521477399
 Ekotrope ID: VvnRgJ9v



HERS® Index Score:

53

Your home's HERS score is a relative performance score. The lower the number, the more energy efficient the home. To learn more, visit www.hersindex.com

Annual Savings

\$1,969

*Relative to an average U.S. home

Home:
 6606 Windy Hills Lane
 Katy, TX 77493

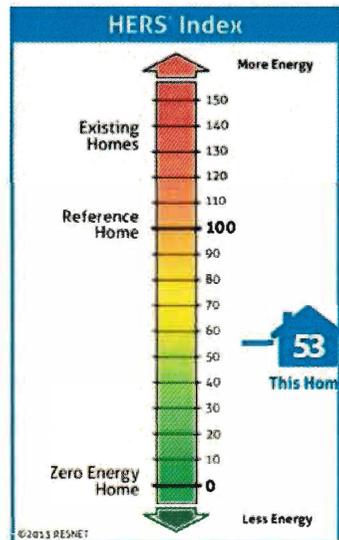
Builder:
 Lennar Homes

Your Home's Estimated Energy Use:

	Use [MBtu]	Annual Cost
Heating	40.3	\$214
Cooling	12.3	\$575
Hot Water	11.3	\$56
Lights/Appliances	29.0	\$1,361
Service Charges		\$120
Generation (e.g. Solar)	0.0	\$0
Total:	92.9	\$2,326

This home meets or exceeds the criteria of the following:

- Energy Star v3
- Energy Star v3.1
- 2018 International Energy Conservation Code
- 2015 International Energy Conservation Code
- 2009 International Energy Conservation Code



Home Feature Summary:

- Home Type: Single family detached
- Model: Plan 5621
- Community: N/A
- Conditioned Floor Area: 3,706 sq. ft.
- Number of Bedrooms: 5
- Primary Heating System: Furnace • Natural Gas • 80 AFUE
- Primary Cooling System: Air Conditioner • Electric • 16 SEER
- Primary Water Heating: Water Heater • Natural Gas • 0.82 Energy Factor
- House Tightness: 2116 CFM50 (3.35 ACH50)
- Ventilation: 135.0 CFM • 64.8 Watts
- Duct Leakage to Outside: 60 CFM25 (2.63 / 100 s.f.)
- Above Grade Walls: R-13
- Ceiling: Attic, R-38 + Radiant Barrier
- Window Type: U-Value: 0.35, SHGC: 0.23
- Foundation Walls: N/A

Rating Completed by:

Energy Rater: Kelsey Gober
 RESNET ID: 6156387

Rating Company: DPIS Builder Services
 1600 E. Hufsmith Road, Tomball, Texas 77375
 281-351-0048

Rating Provider: DPIS Builder Services
 1600 E. Hufsmith Road, Tomball, Texas 77375
 281-351-0048



Kelsey Gober

Kelsey Gober, Certified Energy Rater
 Digitally signed: 5/31/19 at 1:56 PM



ENERGY STAR® CERTIFIED NEW HOME

ENERGY STAR

Builder Name: Lennar Homes
Permit Date/Number:
Home Address: 6606 Windy Hills Lane, Katy, TX
77493

Rating Company: DPIS Builder Services
Rater ID (RTIN): 6156387
Rating Date: 05/24/2019
Version: 3.1

Standard Features of an ENERGY STAR Certified New Home

Your ENERGY STAR certified new home has been designed, constructed, and independently verified to meet rigorous requirements for energy efficiency set by the U.S. Environmental Protection Agency (EPA), including:

Thermal Enclosure System

A complete thermal enclosure system that includes comprehensive air sealing, quality-installed insulation and high-performing windows to deliver improved comfort and lower utility bills.



Air Infiltration Test: **2116 CFM50 (3.35 ACH50)**

Primary Insulation Levels:

Ceiling: R-38 Floor: R-19
Wall: R-13 Slab: R-0

Primary Window Efficiency:

U-Value: 0.35 SHGC: 0.23

Water Management System

A comprehensive water management system to protect roofs, walls, and foundations.



Flashing, a drainage plane, and site grading to move water from the roof to the ground and then away from the home.

Water-resistant materials on below-grade walls and underneath slabs to reduce the potential for water entering into the home.

Management of moisture levels in building materials during construction.

Heating, Cooling, and Ventilation System

A high-efficiency heating, cooling system, and ventilation system that is designed and installed for optimal performance.



Total Duct Leakage: **98 CFM @ 25Pa Post-Construction** Duct Leakage to Outdoors: **60 CFM @ 25Pa**

Primary Heating (System Type • Fuel Type • Efficiency):
Furnace • Natural Gas • 80 AFUE

Primary Cooling (System Type • Fuel Type • Efficiency):
Air Conditioner • Electric • 16 SEER

Energy Efficient Lighting and Appliances

Energy efficient products to help reduce utility bills, while providing high-quality performance.



ENERGY STAR Qualified Lighting: **100%**

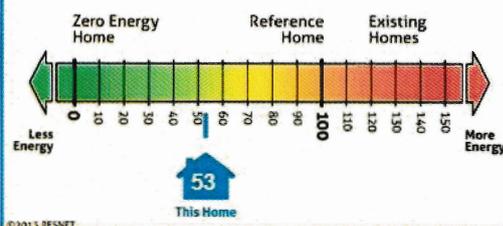
ENERGY STAR Qualified Appliances and Fans:

Refrigerators: Dishwashers: 1
Ceiling Fans: 6 Exhaust Fans: 4

Primary Water Heater (System Type • Fuel Type • Efficiency):

Water Heater • Natural Gas • 0.82 Energy Factor

HERS Index



This certificate provides a summary of the major energy efficiency and other construction features that contribute to this home earning the ENERGY STAR, including its Home Energy Rating System (HERS) score, as determined through independent inspection and verification performed by a trained professional. The Home Energy Rating System is a nationally-recognized uniform measurement of the energy efficiency of homes.

Note that when a home contains multiple performance levels for a particular feature (e.g., window efficiency or insulation levels), the predominant value is shown. Also, homes may be certified to earn the ENERGY STAR using a sampling protocol, whereby one home is randomly selected from a set of homes for representative inspections and testing. In such cases, the features found in each home within the set are intended to meet or exceed the values presented on this certificate. The actual values for your home may differ, but not be equivalent or better performance. This certificate was printed using Ekotrope™ (Version 3.1.1.2183).

Learn more at www.energystar.gov/homefeatures