

City Council Study Session

Home Energy Rating System (HERS) Energy Rating Index (ERI)
Pilot Program
June 8, 2021



History of the Program

- **The HERS/ERI pilot program was created to encourage energy efficient residential home construction by offering credits to builders who built above Residential Energy Code minimums.**
- **The program started in July of 2018 and has been renewed 4 times since then and is set to expire June 30th 2021.**



History of the Program (continued)

- The below numbers represent current applications submitted to the HERS/ERI program (July 1, 2018-March 31, 2021)
 - 482 applicants applied to the HERS/ERI program
 - 67 of the 482 withdrew from the program
 - 284 homes completed the program receiving CO
 - 131 applicants remain enrolled in the program

History of the Program (continued)

- Of the applicants submitting to the HERS/ERI program (July 1, 2018-March 31, 2021)
 - 157 paid a percentage of permit fees (received partial credit)
 - 127 received full benefit of the program (paid no permit fees because they achieved a HERS rating of 55 or less)
 - In all - about \$90,000 in permit fees have been credited to the applicants

Current Energy Code Activity

- The Oklahoma Uniform Building Code Commission (OUBCC) is the state body that reviews and adopts the minimum building codes for all jurisdictions in the state of Oklahoma, this includes Building, Electrical, Mechanical, Plumbing and Energy Codes.
- In response to energy code advocates pushing to update the minimum Building Code standards in Oklahoma, the OUBCC has formed a Technical Committee to review the 2015 International Energy Conservation Code, including the Residential Energy Code.
- This Technical Committee is staffed with their first meeting occurring on May 12th.
- The earliest their recommendations could become the state wide minimum would be the Spring of 2022.



Energy Code Activity

ERI	Code Cycle (IECC Year)
100	2006
80	2009
70	2012
65	C.O.N. Program
51	2015 (OUBCC reviewing)
57	2018
51	2021

Staff Recommendations

Staff recommends extending the program but to raise the benchmark ERI to 51.

- **Raising the benchmark to 51 is in line with both the 2015 and 2021 Codes. It's highly unlikely the state adoption would be a number better than this.**
- **At the programs inception in 2018, the benchmark was set to reflect previous code cycles. With 3 years passing since the adoption of this program, if the program is kept, the benchmark should reflect the trend to build more efficiently.**
- **Monies should be earmarked to study the program and evaluate what it helps achieve. (Sample Testing of Homes not in the Program)**



Staff Recommendations (continued)

Current HERS/ERI Program with the 65 benchmark		Proposed HERS/ERI Program with a 51 benchmark	
55 or less	Builder pays no permit fees	41 or less	Builder pays no permit fees
56	Pays 5% of permit fees	42	Pays 5% of permit fees
57	Pays 10% of permit fees	43	Pays 10% of permit fees
58	Pays 15% of permit fees	44	Pays 15% of permit fees
59	Pays 20% of permit fees	45	Pays 20% of permit fees
60	Pays 25% of permit fees	46	Pays 25% of permit fees
61	Pays 30% of permit fees	47	Pays 30% of permit fees
62	Pays 35% of permit fees	48	Pays 35% of permit fees
63	Pays 40% of permit fees	49	Pays 40% of permit fees
64	Pays 45% of permit fees	50	Pays 45% of permit fees
65	Pays 50% of permit fees	51	Pays 50% of permit fees

Questions and Comments