

DOCKETED

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Attachment 3 Progress towards HERS Index calculation consistency

Additional submitted attachment is included below.

RESNET[®]

RESIDENTIAL ENERGY SERVICES NETWORK

2020 CONFERENCE

Scottsdale, AZ • Feb 24-26

Progress towards HERS Index calculation consistency

An update from the RESNET Software Consistency Committee

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Overview

- Introduction to SCC
- Consistency process
- Progress update
- Consistency roadmap
- Expected outcome
- Questions and discussion

Introduction to SCC

The **Software Consistency Committee** was formed by the RESNET Board as part of a mechanism by which RESNET can **improve consistency of HERS Index scores** and modeled energy consumption (based on the RESNET/ICC ANSI Standard 301) **among RESNET accredited HERS Rating Software Tools** and enhance accreditation testing parameters. This is intended to be a continuous, ongoing process aimed at improving consistency.

RESNET Software Consistency Committee

Subject Matter Experts:



Neal Kruis



Scott Horowitz



David Reddy



RESNET HERS Software Providers:



Brian Christensen



Philip Fairey



Cy Kilbourn



Other SCC Participants

- Aaron Boranian (Big Ladder Software)
- Amine Lazrak (Big Ladder Software)
- Rob Salcido (PNNL – Formerly Ekotrope)
- Robin Viera (FSEC – EnergyGauge)
- Judie Porter (NORESO – REM/Rate)
- Scott Criswell (Independent – CBECC-Res)
- Dave Roberts (NREL – SDC 300 Calculations SC Chair)
- Gayathri Vijayakumar (Steven Winter – SDC 300 Chair)
- Laurel Elam (RESNET)

HERS Index Calculation



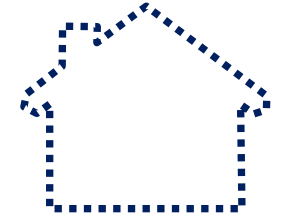
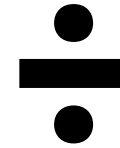
Standard 301



HERS
Index

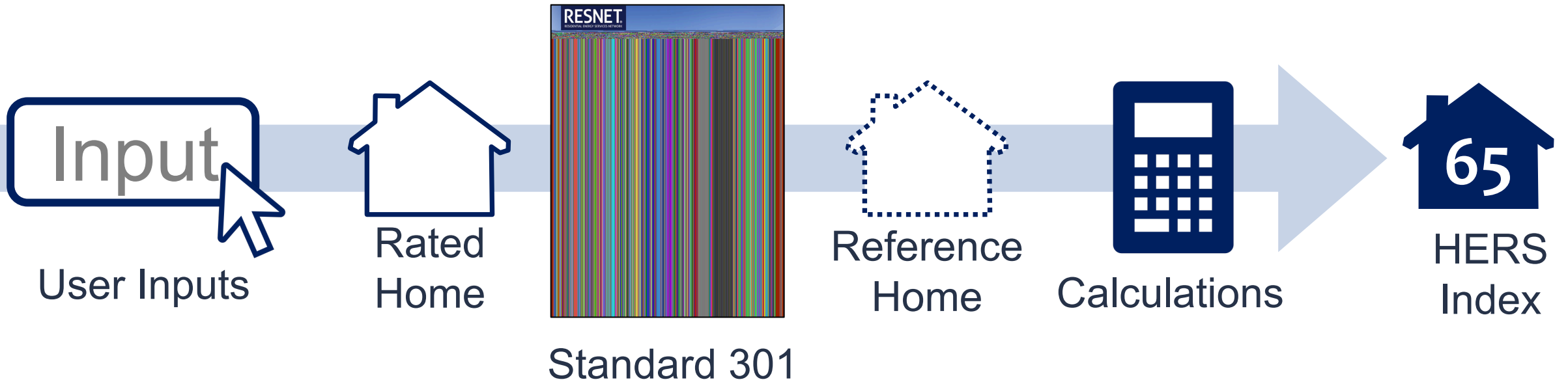


Rated
Home



Reference
Home

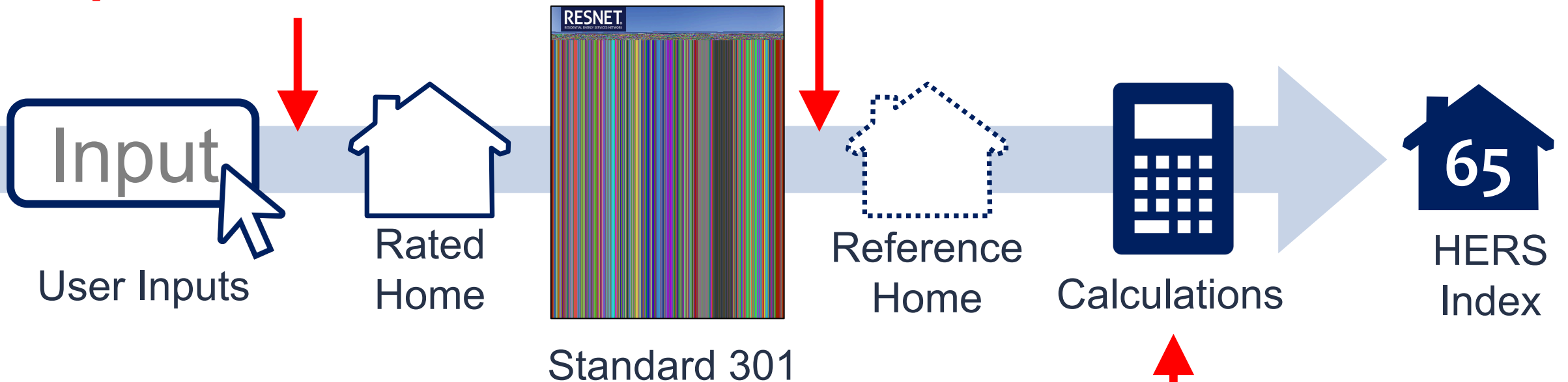
Software Consistency



Software Consistency **Issues**

Standard 301 Interpretation

Input Translation



**Calculation
(Simulation + ERI)**

**“Someone with a watch
knows what time it is”**



**“Someone with two watches is
never sure.” -Segal’s Law**

“Someone with three rating software tools is never sure what the HERS index is.”

-Kruis's Law

