SIMPLIFIED FLOW CHART of OHIO ENERGY CODE COMPLIANCE PATHS for NEW DETACHED 1, 2, and 3 FAMILY DWELLINGS (July 2019)

2019 Residential Code of Ohio (RCO) Chapter 11 Section 1101.2.1

RCO Sections 1101.14-1104
RCO Section 1102.1: Simplified Prescriptive
RCO Section 1102.1.5: Total UA Alternative
RCO Mandatory Provisions
Software tool: Ekotrope, REM/Rate, DOE-2, EnergyGuage USA, or other simulation tool that demonstrates code compliance.

2018 IECC
IECC Section R401.1: Simplified Prescriptive
IECC Section R401.5: Total UA Alternative
IECC Mandatory Provisions
Software tool: REScheck (select 2018 IECC as code)

2018 IECC Chapter 4
Software tool: REScheck (select 2018 IECC as code)

IECC Section R402.1.5: Simulated Performance Alternative + IECC Mandatory Provisions
No software needed
Table R402.1.2

IECC Section R405: Energy Rating Index (ERI) Compliance Alternative + IECC Mandatory Provisions
Software tool: Ekotrope, REM/Rate, DOE-2, EnergyGuage USA, or other simulation tool that demonstrates ERI code compliance.

Software tool: Ekotrope, EnergyGuage USA, REM/Rate or other simulation tool that demonstrates ERI code compliance.

2019 Residential Code of Ohio (RCO) Chapter 11 Section 1102.1.2

Software tool: Ekotrope, REM/Rate, DOE-2, EnergyGuage USA, or other simulation tool that demonstrates code compliance.

RCO Section 1106: Energy Rating Index (ERI) Compliance Alternative + RCO Mandatory Provisions
Software tool: Ekotrope, EnergyGuage USA, REM/Rate or other simulation tool that demonstrates ERI code compliance.

RCO Section 1112: OHBA Alternative Code
RCO Section 1112.1.2 OHBA Alternative Code Compliance Path #1
Software tool: Ekotrope, EnergyGauge USA, REM/Rate or other simulation tool that demonstrates code compliance.

RCO Section 1112.1.2 OHBA Alternative Code Compliance Path #2
Software tool: REScheck (select 2018 IECC as code)

2018 IECC
IECC Section R401.1: Simplified Prescriptive
IECC Section R401.5: Total UA Alternative
IECC Mandatory Provisions
Software tool: REScheck (select 2018 IECC as code)

No software needed
Table R402.1.2

IECC Section R405: Energy Rating Index (ERI) Compliance Alternative + IECC Mandatory Provisions
Software tool: Ekotrope, REM/Rate, DOE-2, EnergyGuage USA, or other simulation tool that demonstrates ERI code compliance.

Software tool: Ekotrope, EnergyGuage USA, REM/Rate or other simulation tool that demonstrates ERI code compliance.

No software needed
Table 1102.1.2

2018 IECC
IECC Section R401.1: Simplified Prescriptive
IECC Section R401.5: Total UA Alternative
IECC Mandatory Provisions
Software tool: REScheck (select 2018 IECC as code)

No software needed
Table R402.1.2

IECC Section R405: Energy Rating Index (ERI) Compliance Alternative + IECC Mandatory Provisions
Software tool: Ekotrope, REM/Rate, DOE-2, EnergyGuage USA, or other simulation tool that demonstrates ERI code compliance.

Software tool: Ekotrope, EnergyGuage USA, REM/Rate or other simulation tool that demonstrates ERI code compliance.

No software needed
Table 1112.2.1

RCO Mandatory Provisions – Sections 1101.14, 1102.4, 1102.5, 1103.1, 1103.2, 1103.3.3, 1103.3.5, 1103.4, 1103.6, 1103.7, 1103.8, 1103.9, and 1104

No software needed
Table 1102.1.2

Table R402.1.2

No software needed
Table 1112.2.1

Table R402.1.2

IECC Mandatory Provisions – Sections R401.3, R402.4, R402.5, R403.1, R403.1.2, R403.3.2, R403.3.3, R403.3.5, R403.4, R403.5.1, R403.6, R403.7, R403.8, R403.9, R403.10, R403.11 and R404

IECC Mandatory Provisions – Sections R401.3, R402.4, R402.5, R403.1, R403.1.2, R403.3.2, R403.3.3, R403.3.5, R403.4, R403.5.1, R403.6, R403.7, R403.8, R403.9, R403.10, R403.11 and R404