

# Detailed Residential 2027 Technical and Achievable Potential

## Detailed Savings Results by Segment

Figure 1. Residential Technical Potential in 2027 by Segment, System

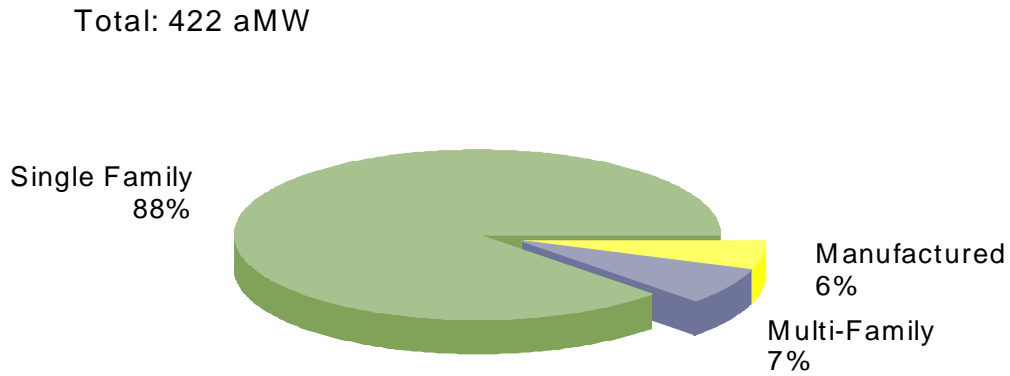
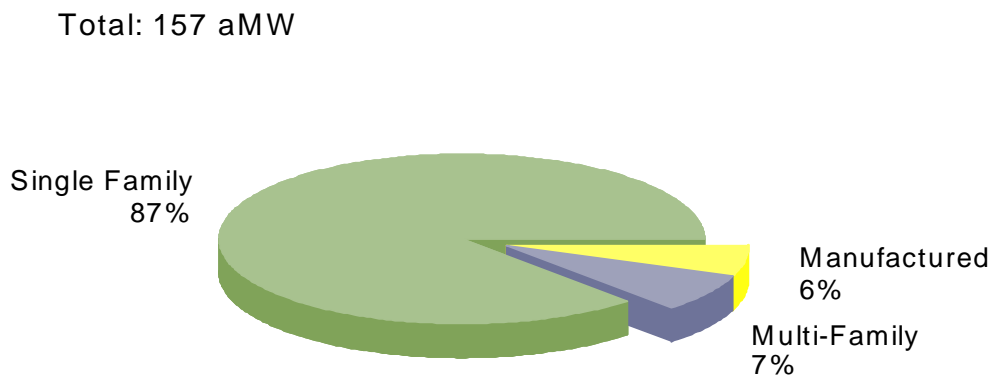
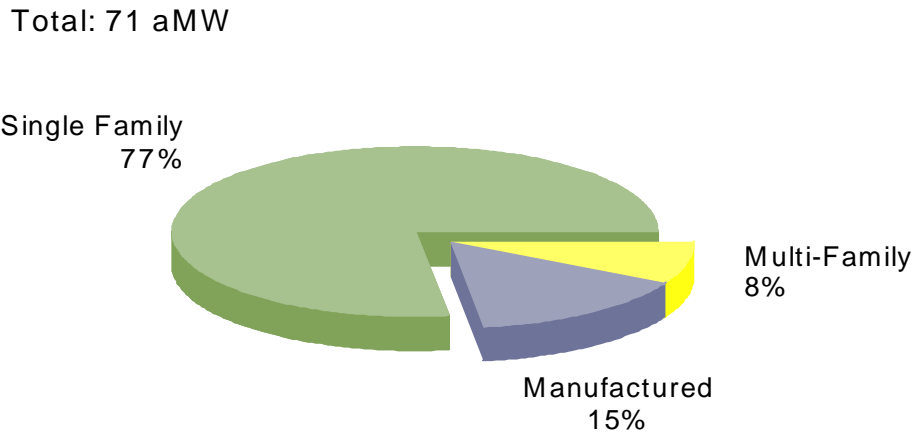


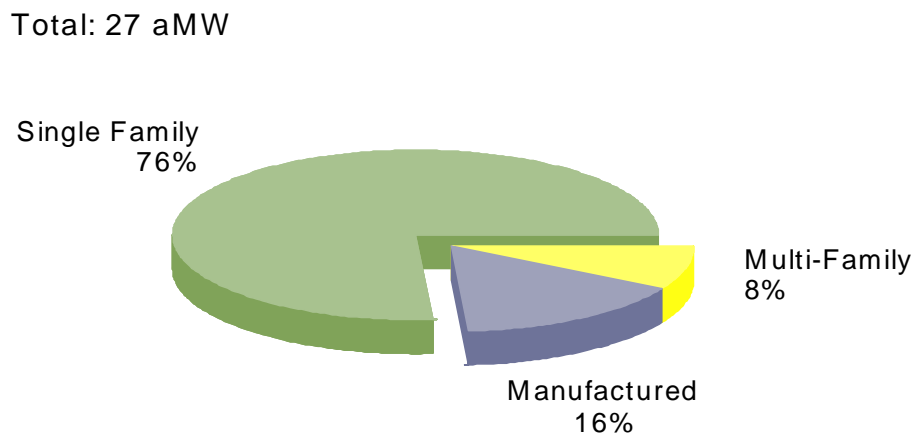
Figure 2. Residential Achievable Potential in 2027 by Segment, System



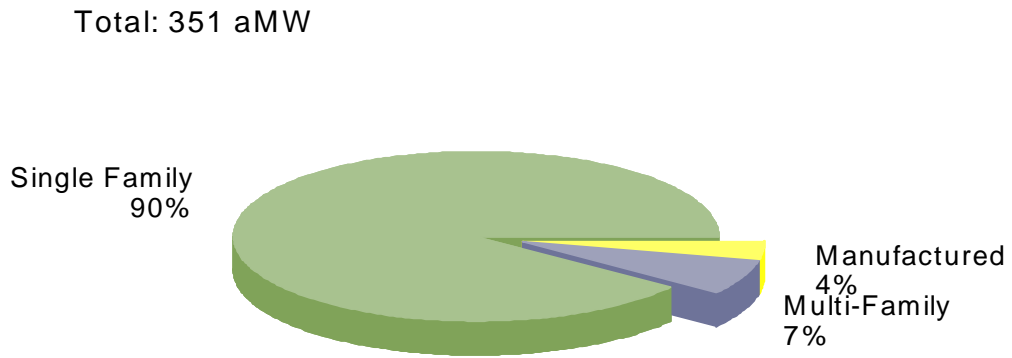
**Figure 3. Residential Technical Potential in 2027 by Segment, Pacific Power**



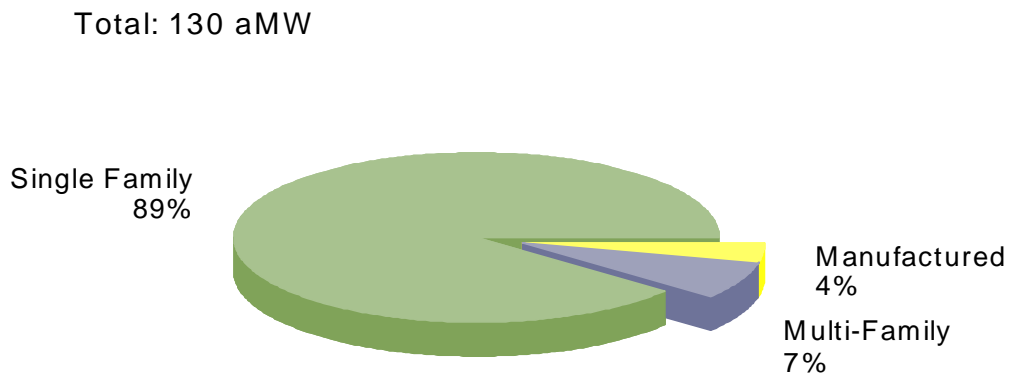
**Figure 4. Residential Achievable Potential in 2027 by Segment, Pacific Power**



**Figure 5. Residential Technical Potential in 2027 by Segment, Rocky Mountain Power**

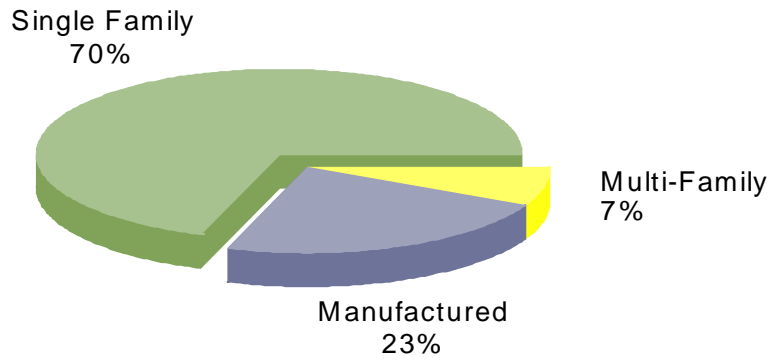


**Figure 6. Residential Achievable Potential in 2027 by Segment, Rocky Mountain Power**



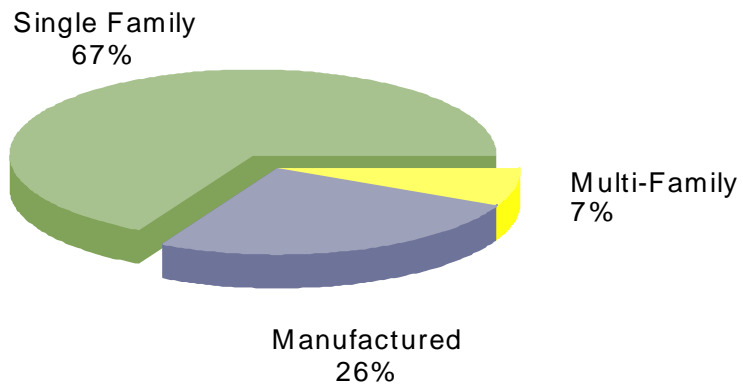
**Figure 7. Residential Technical Potential in 2027 by Segment, CA**

Total: 13 aMW

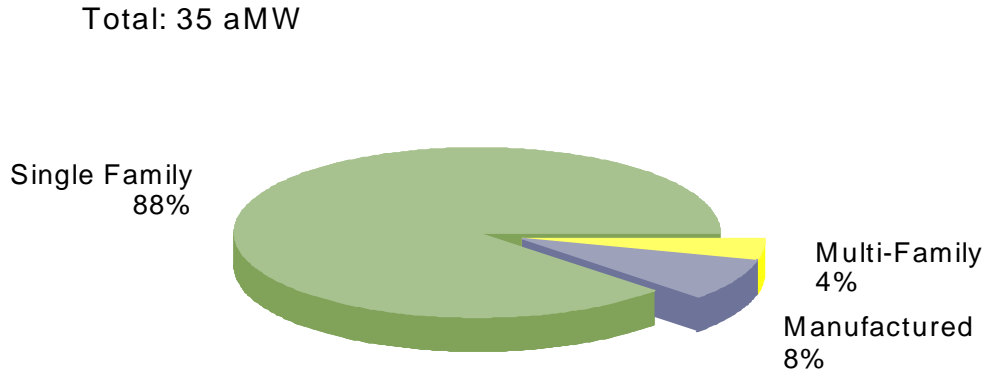


**Figure 8. Residential Achievable Potential in 2027 by Segment, CA**

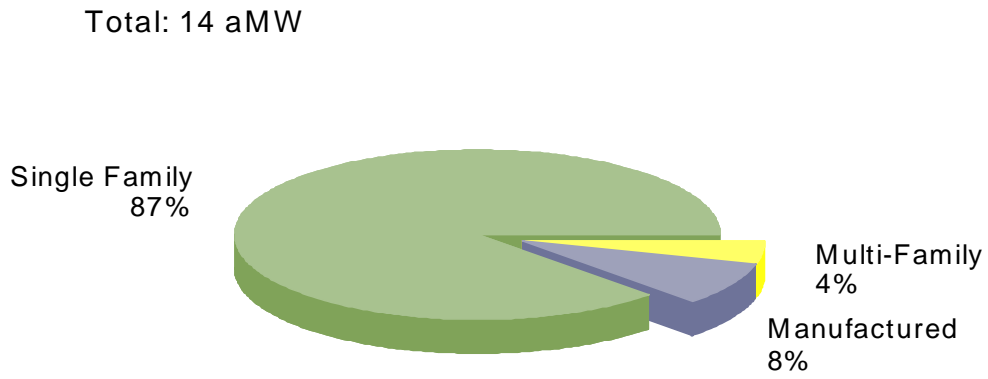
Total: 4.6 aMW



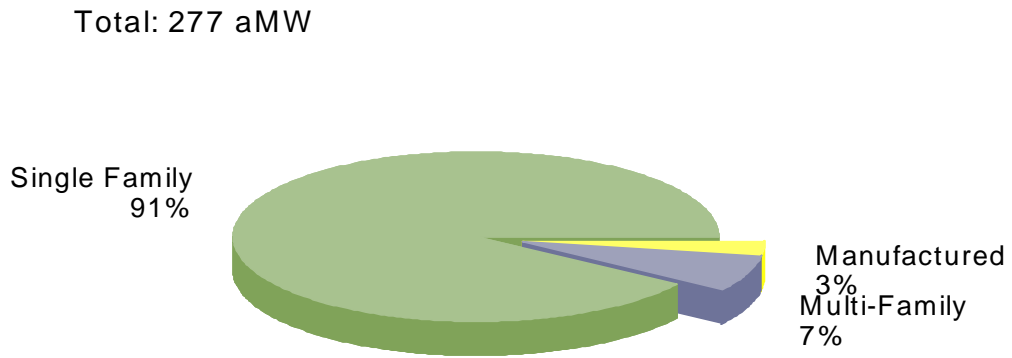
**Figure 9. Residential Technical Potential in 2027 by Segment, ID**



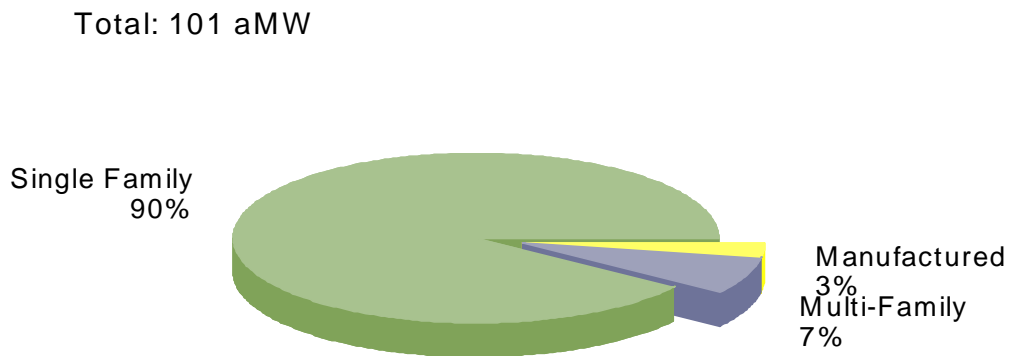
**Figure 10. Residential Achievable Potential in 2027 by Segment, ID**



**Figure 11. Residential Technical Potential in 2027 by Segment, UT**

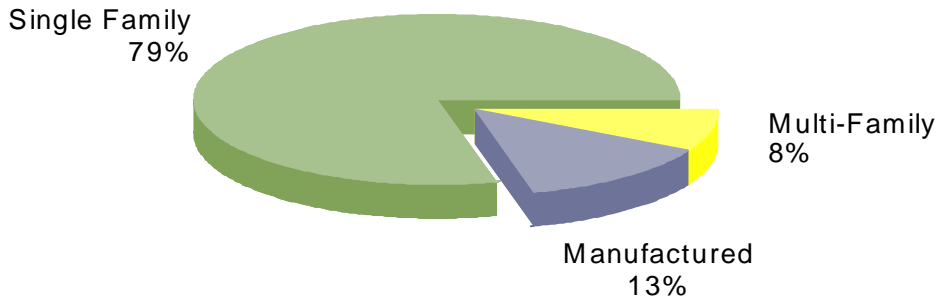


**Figure 12. Residential Achievable Potential in 2027 by Segment, UT**



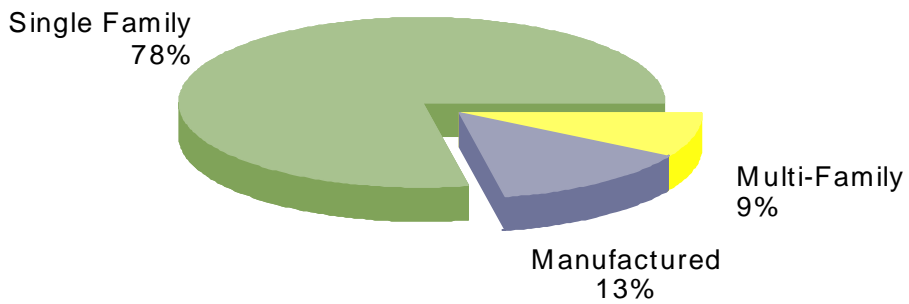
**Figure 13. Residential Technical Potential in 2027 by Segment, WA**

Total: 58 aMW

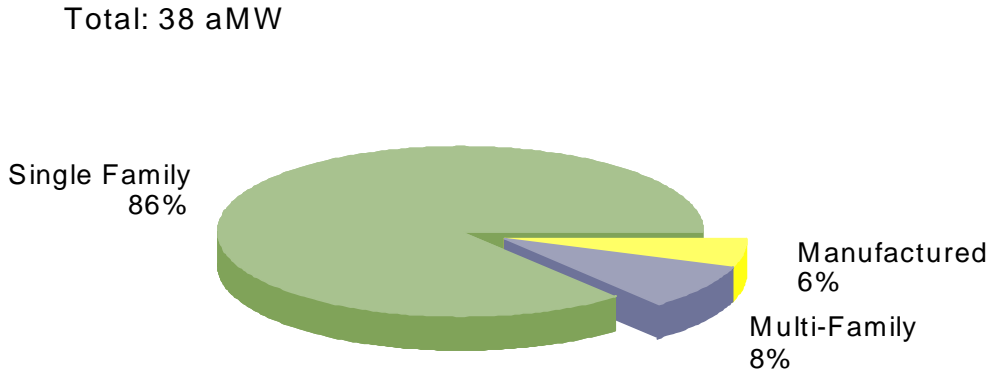


**Figure 14. Residential Achievable Potential in 2027 by Segment, WA**

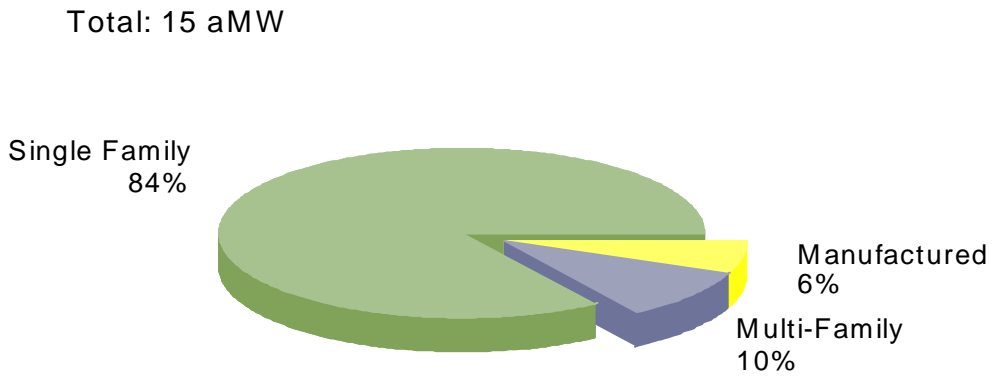
Total: 22 aMW



**Figure 15. Residential Technical Potential in 2027 by Segment, WY**



**Figure 16. Residential Achievable Potential in 2027 by Segment, WY**

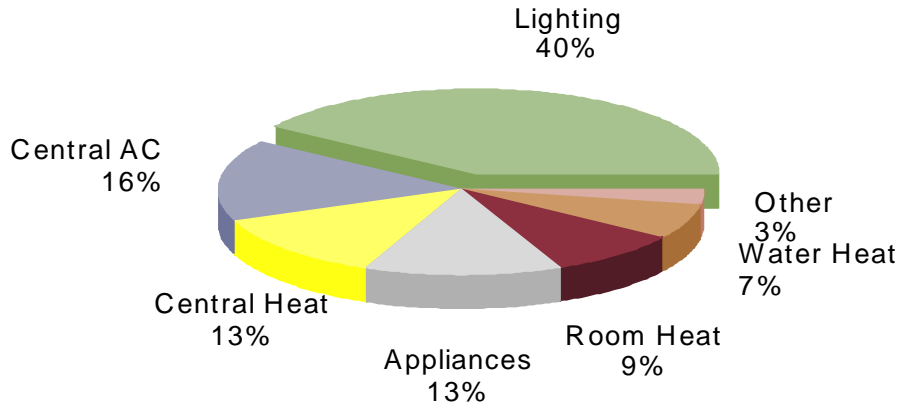




## Detailed Savings Results by End Use

Figure 17. Residential Technical Potential in 2027 by End Use, System

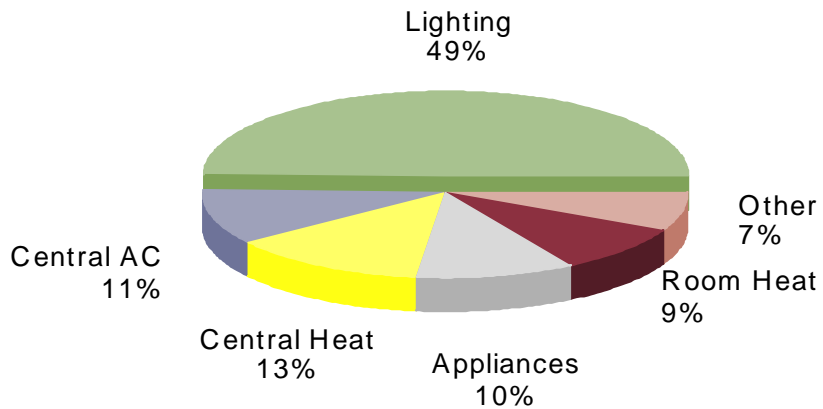
Total: 422 aMW



Note: "Other" includes:  
Heat Pump: 2.7%, Room AC: 0.2%

Figure 18. Residential Achievable Potential in 2027 by End Use, System

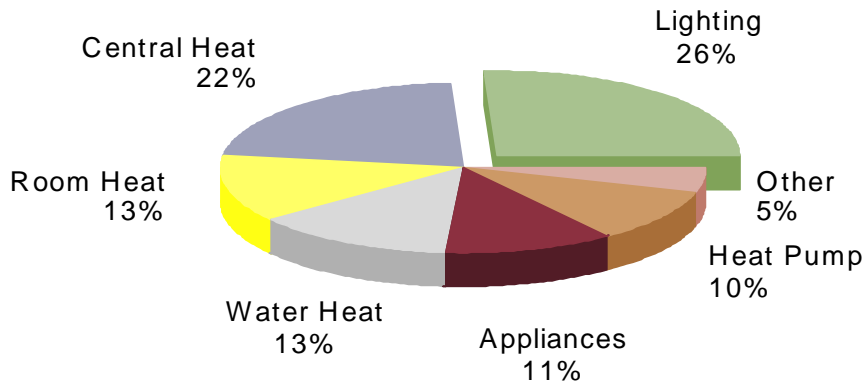
Total: 157 aMW



Note: "Other" includes:  
Water Heat: 5.2%, Heat Pump: 2.0%, Room AC: 0.1%

**Figure 19. Residential Technical Potential in 2027 by End Use, Pacific Power**

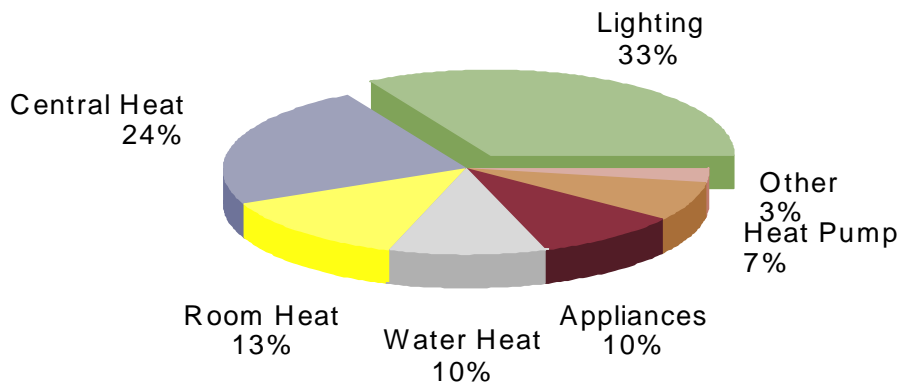
Total: 71 aMW



Note: "Other" includes:  
Central AC: 4.1%, Room AC: 0.5%

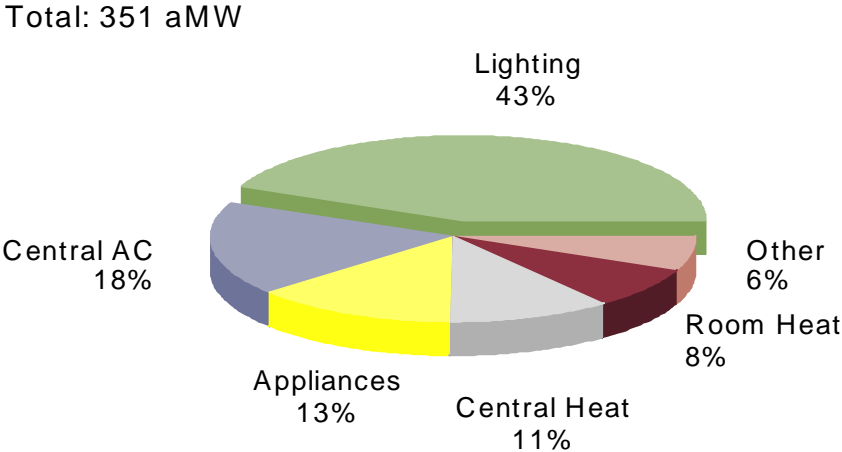
**Figure 20. Residential Achievable Potential in 2027 by End Use, Pacific Power**

Total: 27 aMW



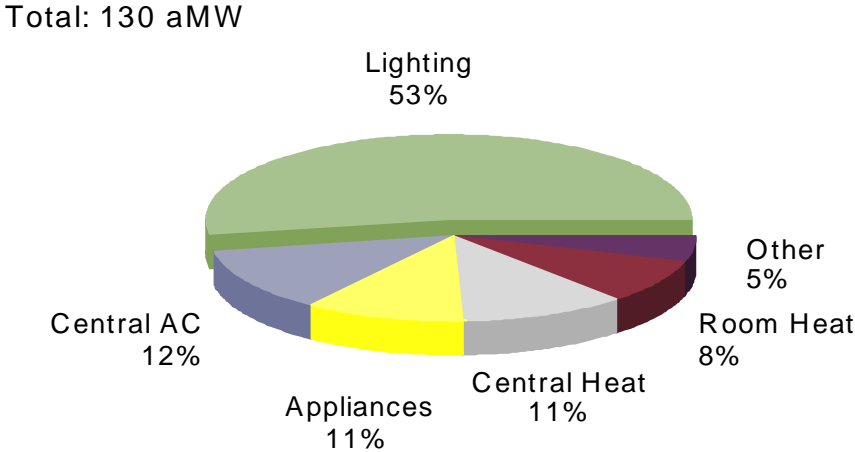
Note: "Other" includes:  
Central AC: 2.3%, Room AC: 0.3%

**Figure 21. Residential Technical Potential in 2027 by End Use, Rocky Mountain Power**



Note: "Other" includes:  
 Water Heat: 5.2%, Heat Pump: 1.1%, Room AC: 0.2%

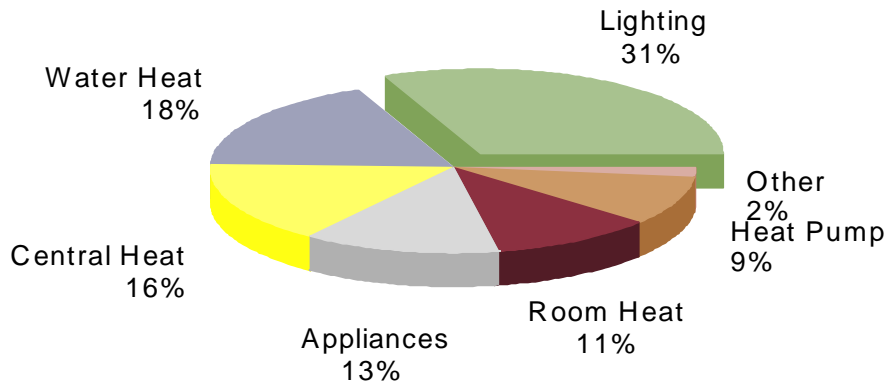
**Figure 22. Residential Achievable Potential in 2027 by End Use, Rocky Mountain Power**



Note: "Other" includes:  
 Water Heat: 4.1%, Heat Pump: 0.8%

**Figure 23. Residential Technical Potential in 2027 by End Use, CA**

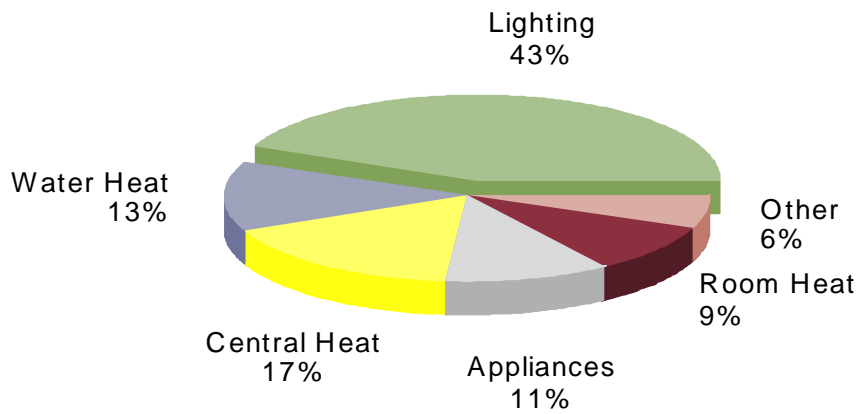
Total: 13 aMW



Note: "Other" includes:  
Central AC: 1.4%, Room AC: 0.4%

**Figure 24. Residential Achievable Potential in 2027 by End Use, CA**

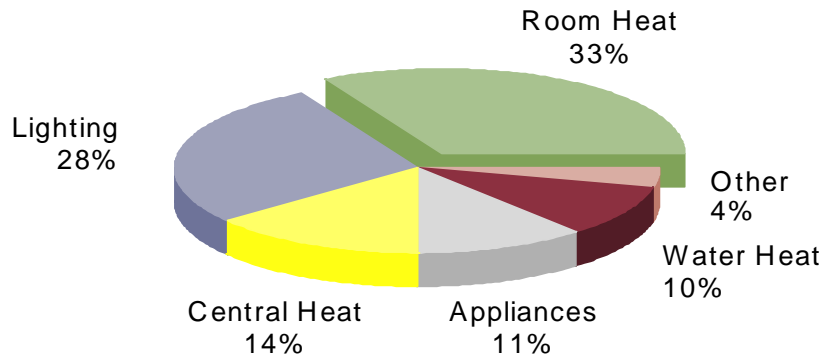
Total: 4.6 aMW



Note: "Other" includes:  
Heat Pump: 5.1%, Central AC: 0.8%, Room AC: 0.2%

**Figure 25. Residential Technical Potential in 2027 by End Use, ID**

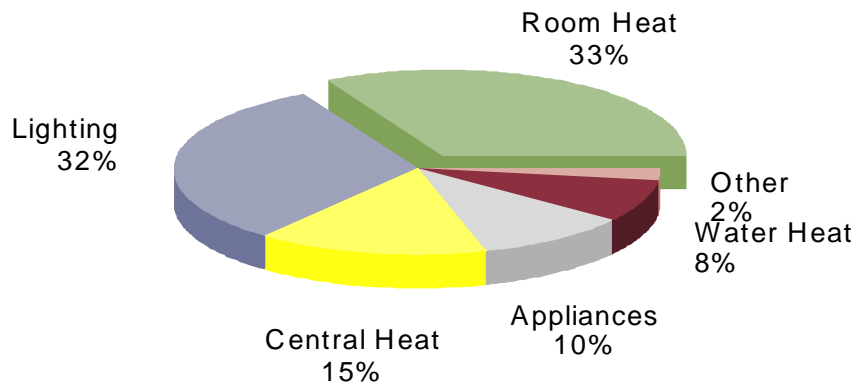
Total: 35 aMW



Note: "Other" includes:  
 Central AC: 1.8%, Heat Pump: 1.6%, Room AC: 0.3%

**Figure 26. Residential Achievable Potential in 2027 by End Use, ID**

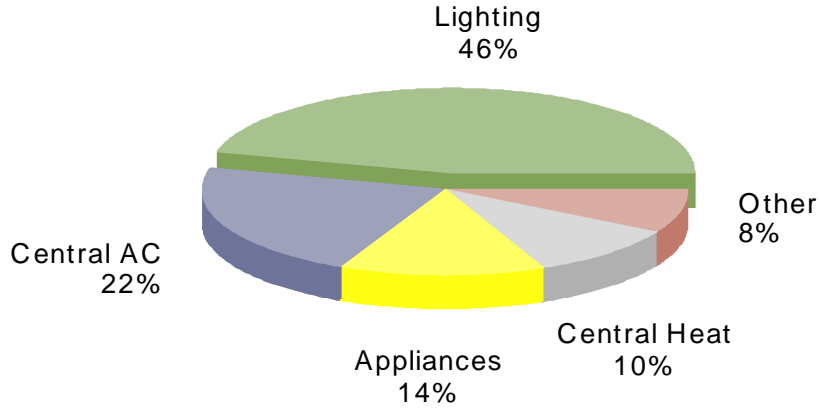
Total: 14 aMW



Note: "Other" includes:  
 Heat Pump: 1.3%, Central AC: 0.8%, Room AC: 0.1%

**Figure 27. Residential Technical Potential in 2027 by End Use, UT**

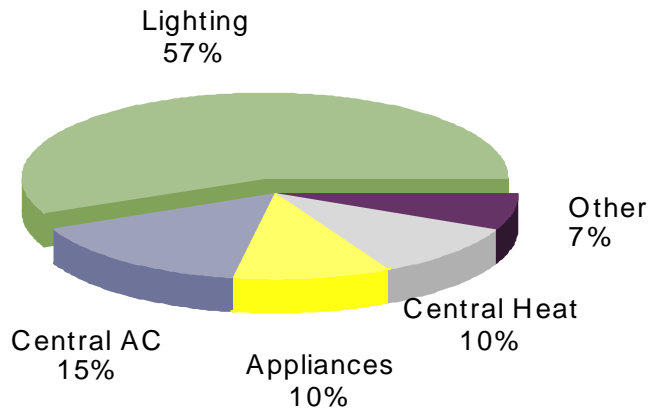
Total: 277 aMW



Note: "Other" includes:  
Water Heat: 4.1%, Room Heat: 3.0%, Heat Pump: 1.0%, Room AC: 0.2%

**Figure 28. Residential Achievable Potential in 2027 by End Use, UT**

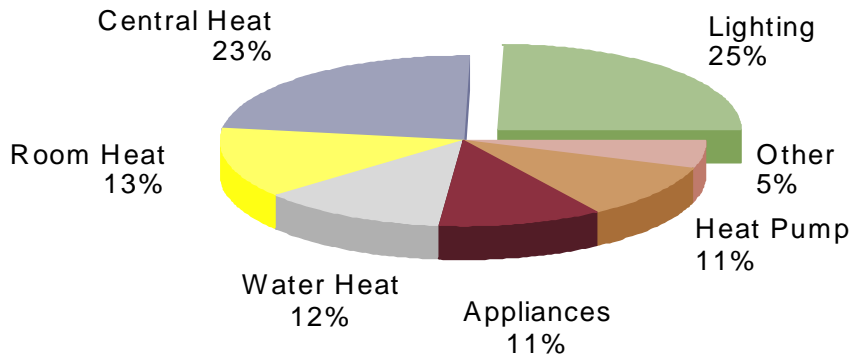
Total: 101 aMW



Note: "Other" includes:  
Water Heat: 3.2%, Room Heat: 3.0%, Heat Pump: 0.7%

**Figure 29. Residential Technical Potential in 2027 by End Use, WA**

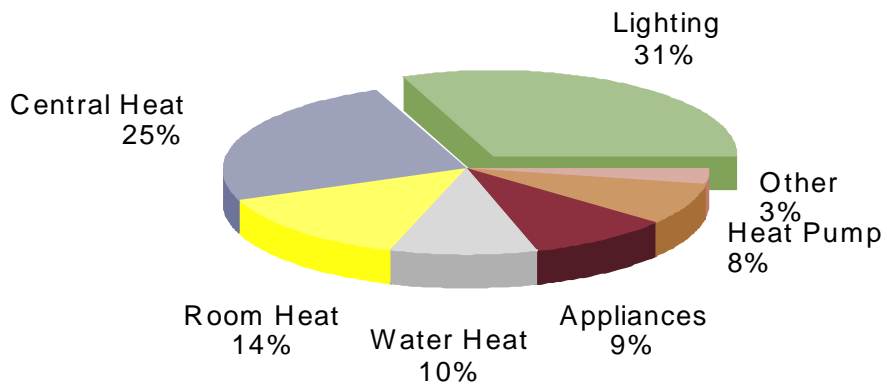
Total: 58 aMW



Note: "Other" includes:  
Central AC: 4.7%, Room AC: 0.6%

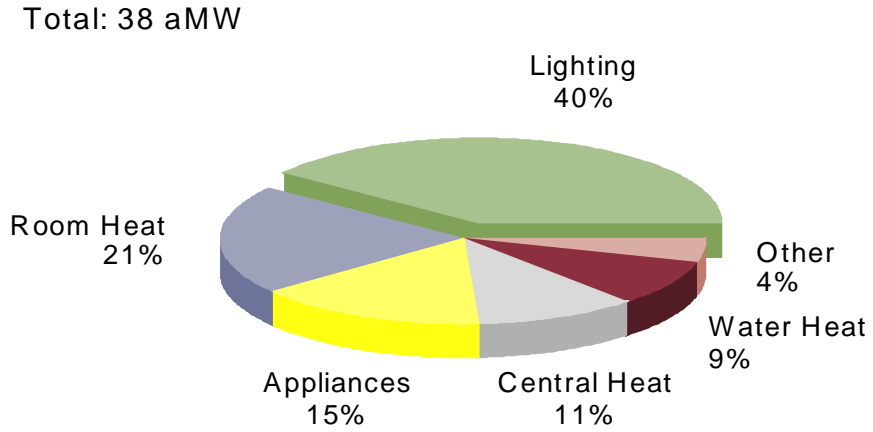
**Figure 30. Residential Achievable Potential in 2027 by End Use, WA**

Total: 22 aMW



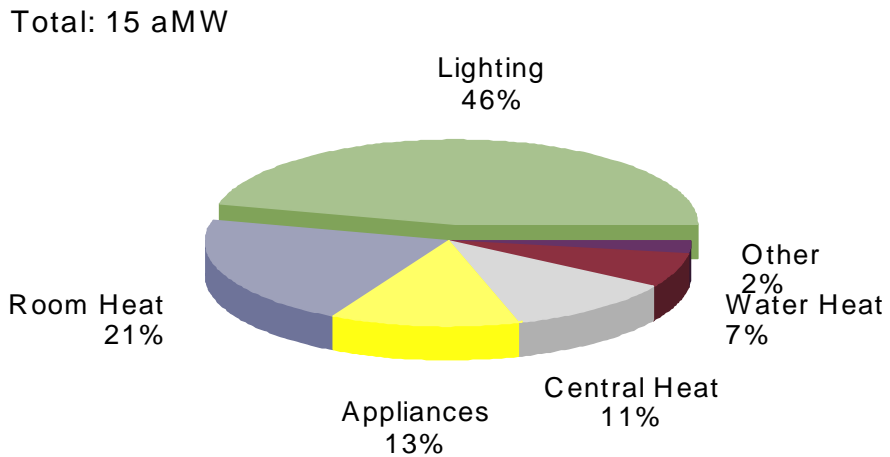
Note: "Other" includes:  
Central AC: 2.6%, Room AC: 0.3%

**Figure 31. Residential Technical Potential in 2027 by End Use, WY**



Note: "Other" includes:  
 Central AC: 2.7%, Heat Pump: 1.5%, Room AC: 0.2%

**Figure 32. Residential Achievable Potential in 2027 by End Use, WY**

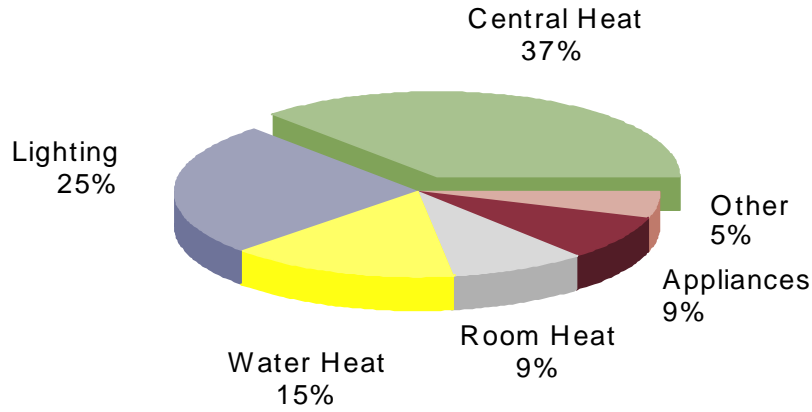


Note: "Other" includes:  
 Heat Pump: 1.2%, Central AC: 1.2%



**Figure 33. Residential Technical Potential in 2027 by End Use, CA, Manufactured**

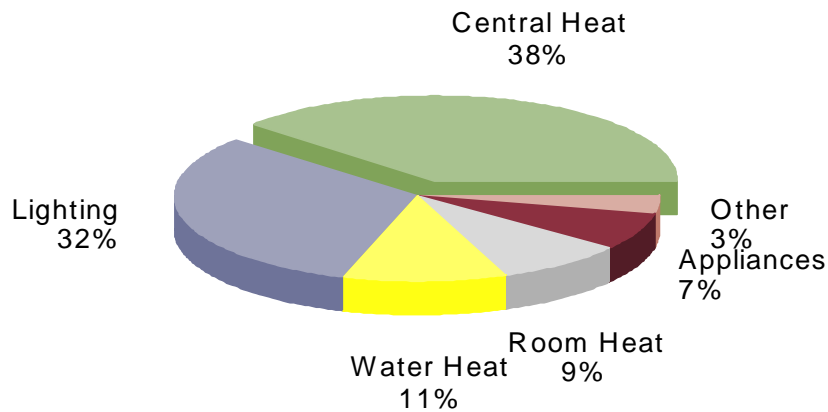
Total: 3.1 aMW



Note: "Other" includes:  
Heat Pump: 3.2%, Central AC: 1.6%, Room AC: 0.2%

**Figure 34. Residential Achievable Potential in 2027 by End Use, CA, Manufactured**

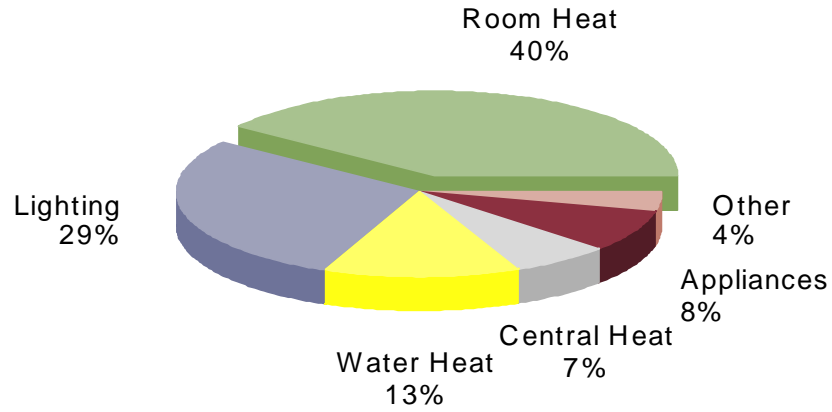
Total: 1.2 aMW



Note: "Other" includes:  
Heat Pump: 2.3%, Central AC: 0.9%, Room AC: 0.1%

**Figure 35. Residential Technical Potential in 2027 by End Use, CA, MultiFamily**

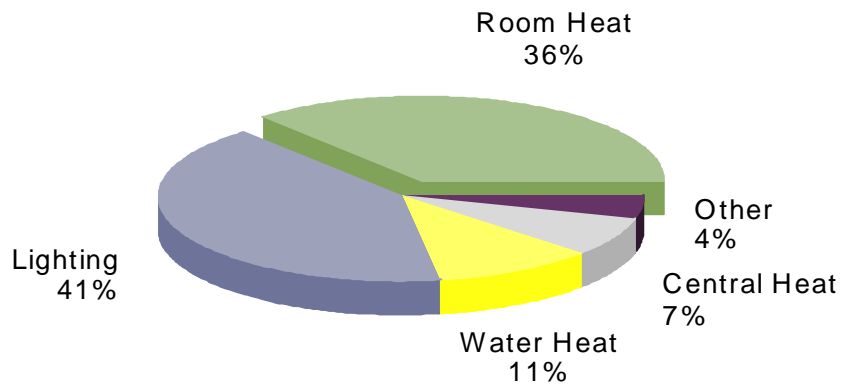
Total: 1.0 aMW



Note: "Other" includes:  
Heat Pump: 2.3%, Central AC: 0.9%, Room AC: 0.5%

**Figure 36. Residential Achievable Potential in 2027 by End Use, CA, MultiFamily**

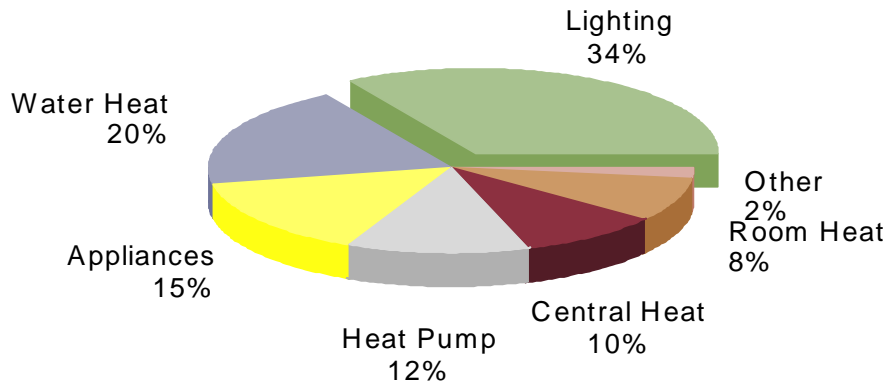
Total: 0.3 aMW



Note: "Other" includes:  
Appliances: 3.4%, Central AC: 0.7%, Room AC: 0.2%

**Figure 37. Residential Technical Potential in 2027 by End Use, CA, Single Family**

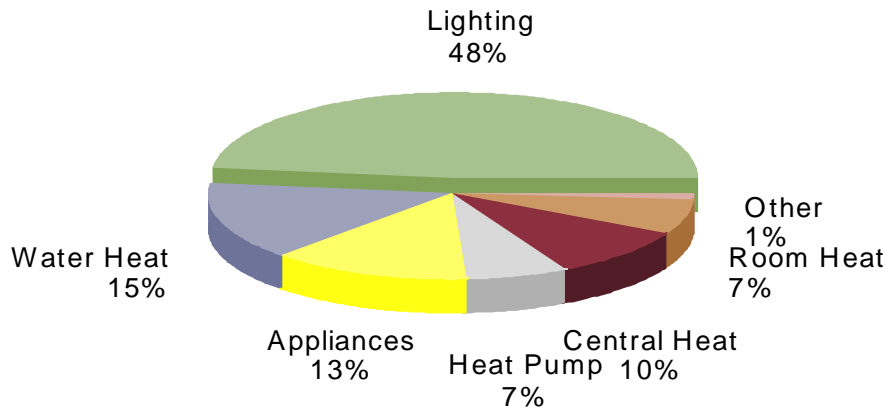
Total: 9.3 aMW



Note: "Other" includes:  
Central AC: 1.5%, Room AC: 0.5%

**Figure 38. Residential Achievable Potential in 2027 by End Use, CA, Single Family**

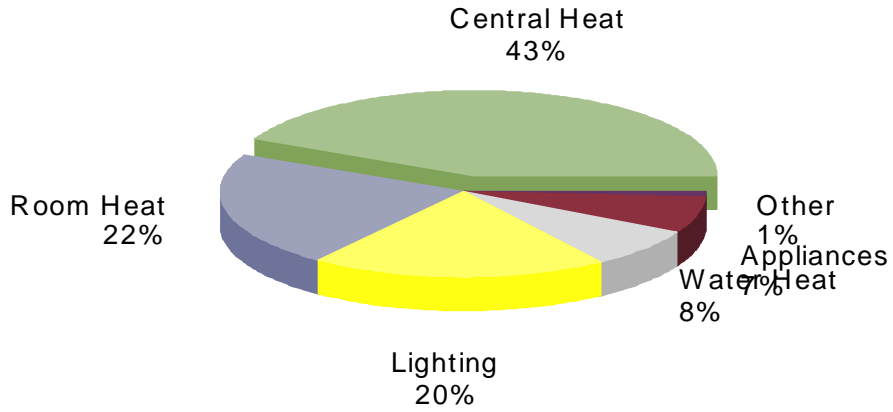
Total: 3.1 aMW



Note: "Other" includes:  
Central AC: 0.8%, Room AC: 0.3%

**Figure 39. Residential Technical Potential in 2027 by End Use, ID, Manufactured**

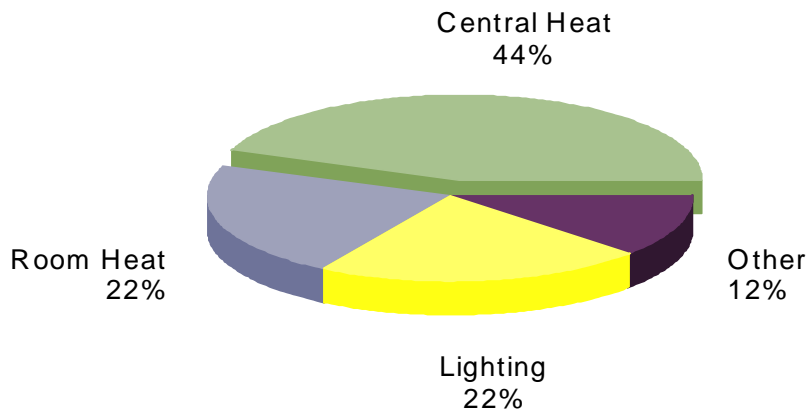
Total: 2.8 aMW



Note: "Other" includes:  
Central AC: 0.5%, Room AC: 0.4%

**Figure 40. Residential Achievable Potential in 2027 by End Use, ID, Manufactured**

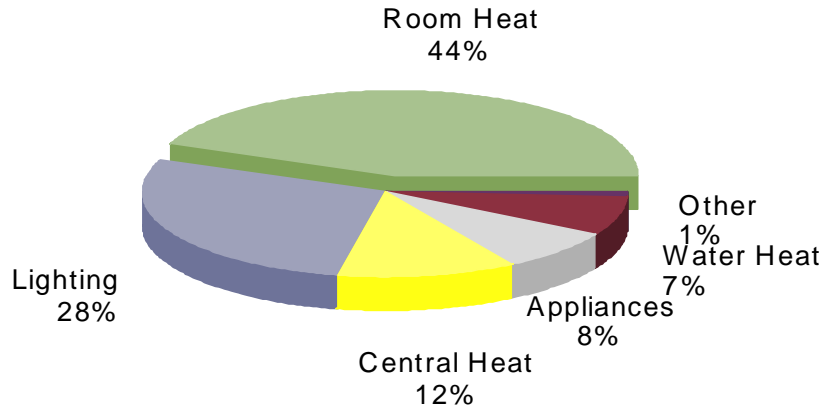
Total: 1.2 aMW



Note: "Other" includes:  
Appliances: 5.8%, Water Heat: 5.6%, Central AC: 0.2%, Room AC: 0.2%

**Figure 41. Residential Technical Potential in 2027 by End Use, ID, MultiFamily**

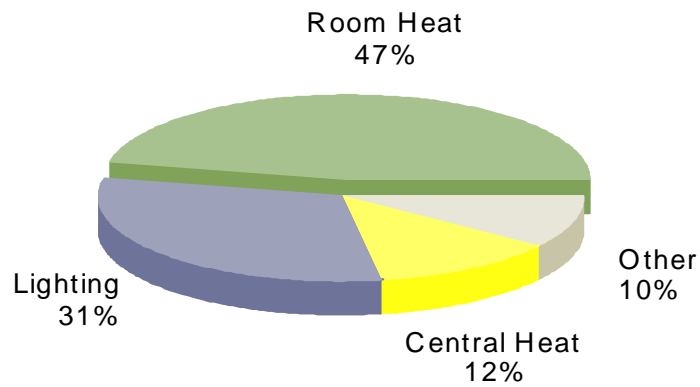
Total: 1.5 aMW



Note: "Other" includes:  
Central AC: 0.7%, Room AC: 0.3%

**Figure 42. Residential Achievable Potential in 2027 by End Use, ID, MultiFamily**

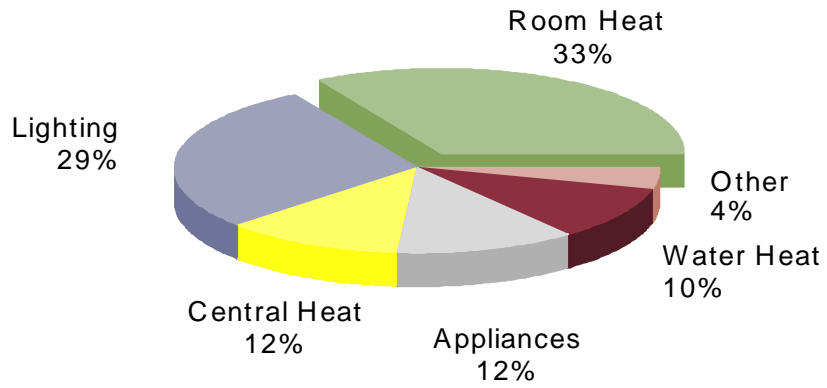
Total: 0.6 aMW



Note: "Other" includes:  
Water Heat: 5.1%, Appliances: 4.5%, Central AC: 0.2%

**Figure 43. Residential Technical Potential in 2027 by End Use, ID, Single Family**

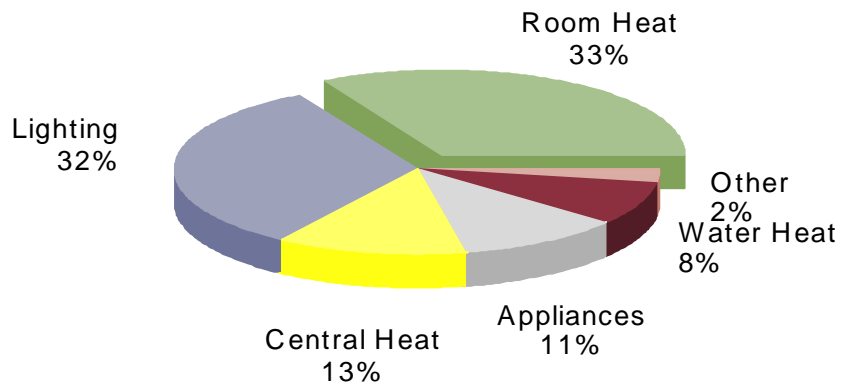
Total: 31 aMW



Note: "Other" includes:  
Central AC: 2.0%, Heat Pump: 1.9%, Room AC: 0.3%

**Figure 44. Residential Achievable Potential in 2027 by End Use, ID, Single Family**

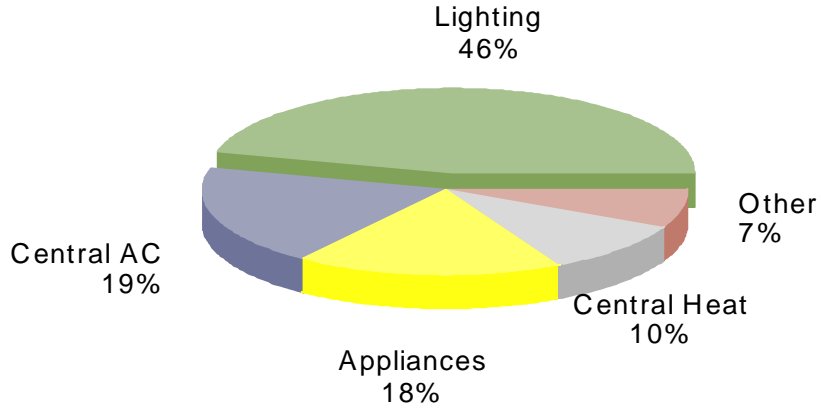
Total: 12 aMW



Note: "Other" includes:  
Heat Pump: 1.5%, Central AC: 0.9%, Room AC: 0.1%

**Figure 45. Residential Technical Potential in 2027 by End Use, UT, Manufactured**

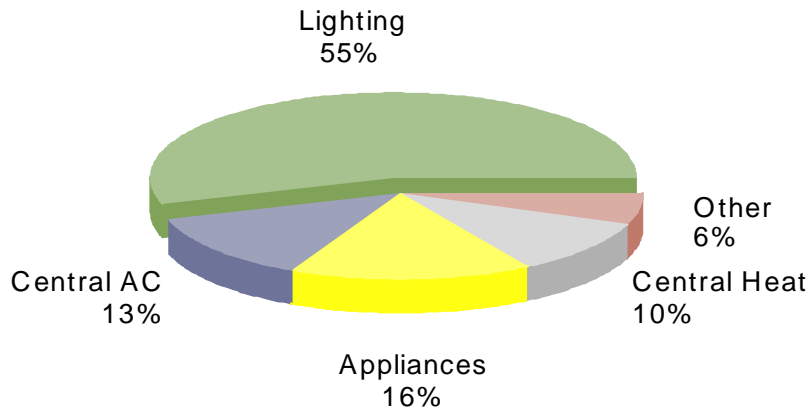
Total: 7.8 aMW



Note: "Other" includes:  
 Water Heat: 3.7%, Room Heat: 2.4%, Heat Pump: 0.9%, Room AC: 0.2%

**Figure 46. Residential Achievable Potential in 2027 by End Use, UT, Manufactured**

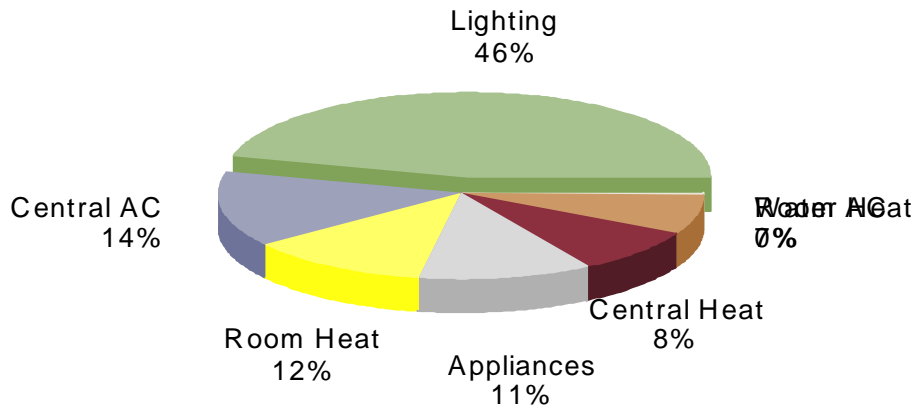
Total: 2.9 aMW



Note: "Other" includes:  
 Water Heat: 2.7%, Room Heat: 2.4%, Heat Pump: 0.7%, Room AC: 0.1%

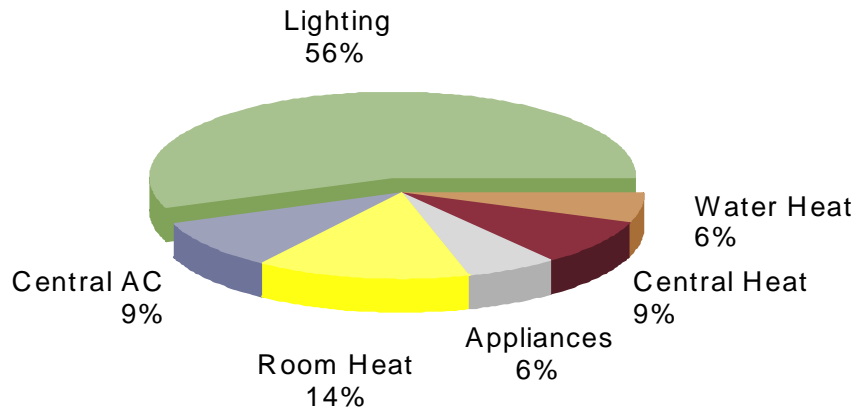
**Figure 47. Residential Technical Potential in 2027 by End Use, UT, MultiFamily**

Total: 19 aMW



**Figure 48. Residential Achievable Potential in 2027 by End Use, UT, MultiFamily**

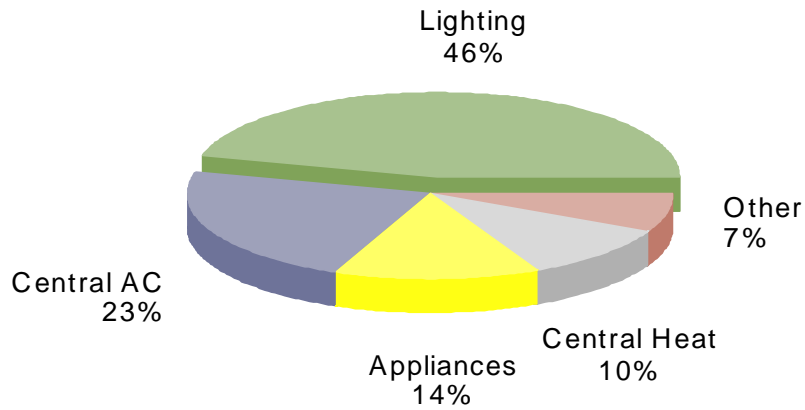
Total: 7.0 aMW





**Figure 49. Residential Technical Potential in 2027 by End Use, UT, Single Family**

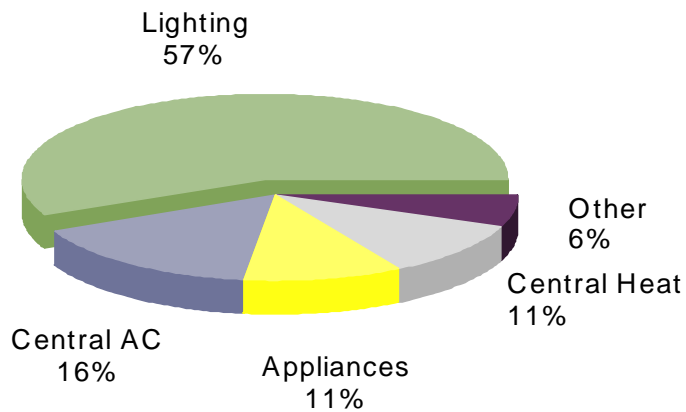
Total: 251 aMW



Note: "Other" includes:  
 Water Heat: 3.9%, Room Heat: 2.3%, Heat Pump: 1.1%, Room AC: 0.2%

**Figure 50. Residential Achievable Potential in 2027 by End Use, UT, Single Family**

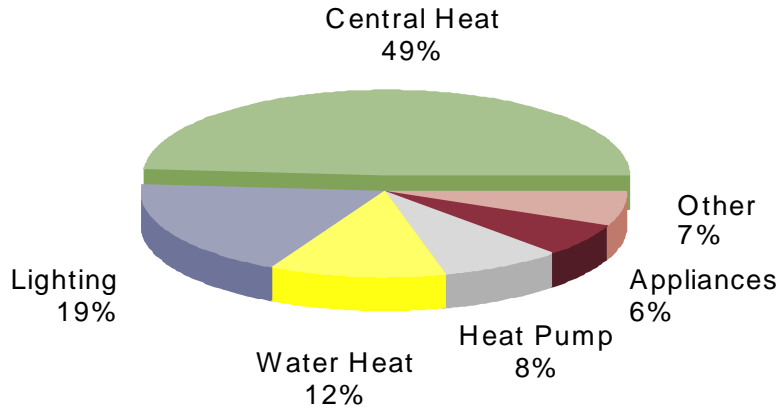
Total: 91 aMW



Note: "Other" includes:  
 Water Heat: 3.0%, Room Heat: 2.2%, Heat Pump: 0.8%

**Figure 51. Residential Technical Potential in 2027 by End Use, WA, Manufactured**

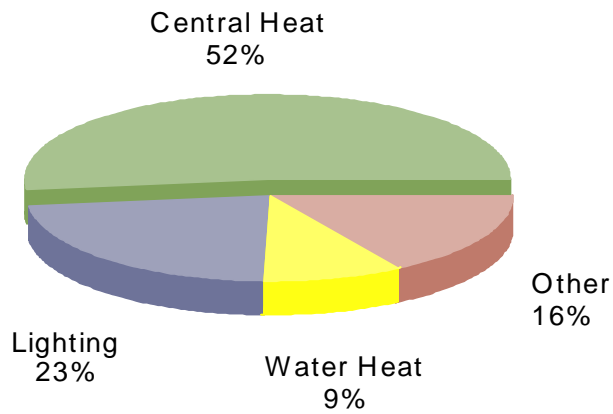
Total: 7.6 aMW



Note: "Other" includes:  
 Central AC: 3.6%, Room Heat: 2.7%, Room AC: 0.3%

**Figure 52. Residential Achievable Potential in 2027 by End Use, WA, Manufactured**

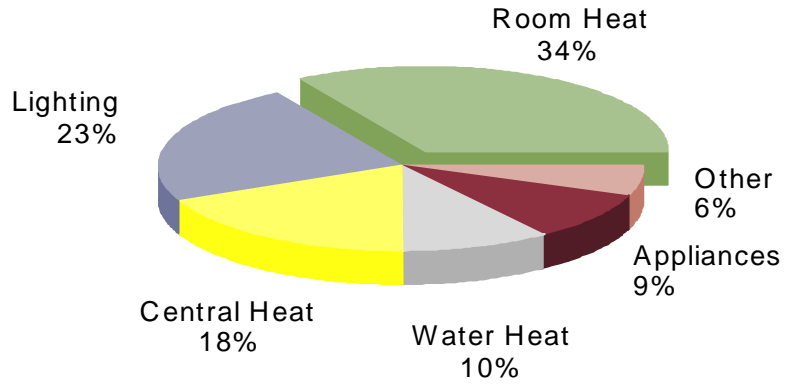
Total: 3.0 aMW



Note: "Other" includes:  
 Heat Pump: 5.8%, Appliances: 5.2%, Room Heat: 2.8%, Central AC: 2.1%, Room AC: 0.2%

**Figure 53. Residential Technical Potential in 2027 by End Use, WA, MultiFamily**

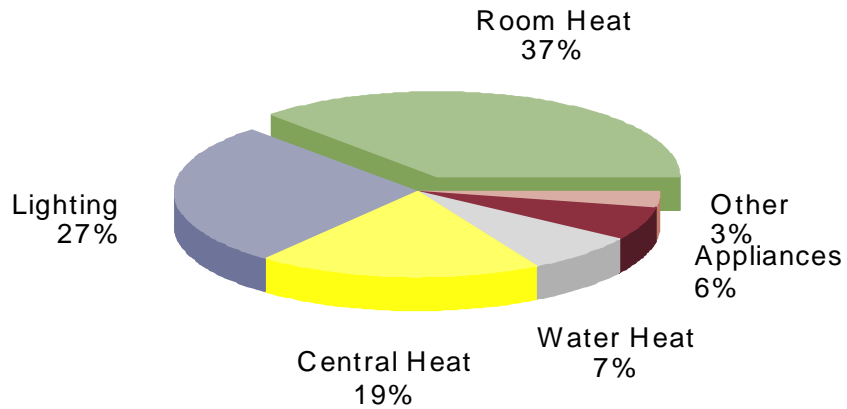
Total: 4.6 aMW



Note: "Other" includes:  
Central AC: 2.7%, Heat Pump: 2.3%, Room AC: 0.7%

**Figure 54. Residential Achievable Potential in 2027 by End Use, WA, MultiFamily**

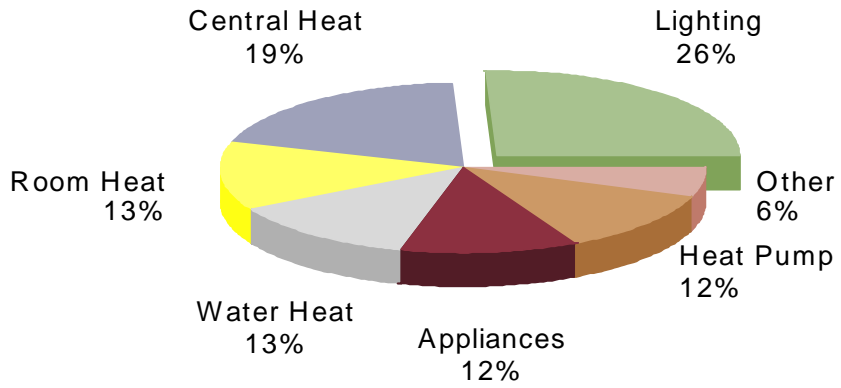
Total: 1.9 aMW



Note: "Other" includes:  
Central AC: 1.6%, Heat Pump: 1.2%, Room AC: 0.2%

**Figure 55. Residential Technical Potential in 2027 by End Use, WA, Single Family**

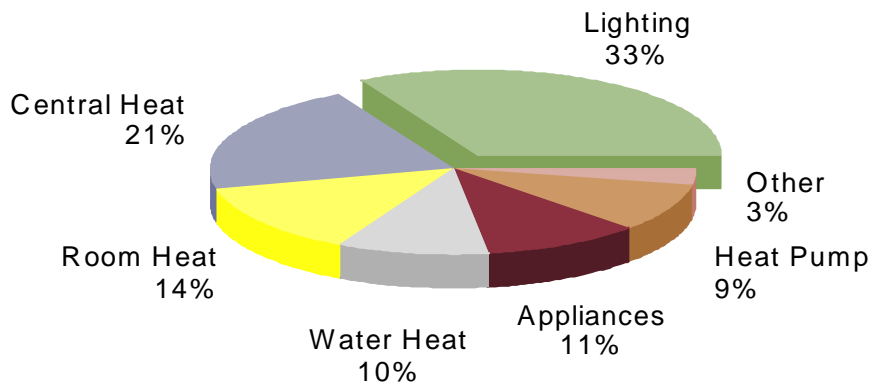
Total: 46 aMW



Note: "Other" includes:  
Central AC: 5.1%, Room AC: 0.6%

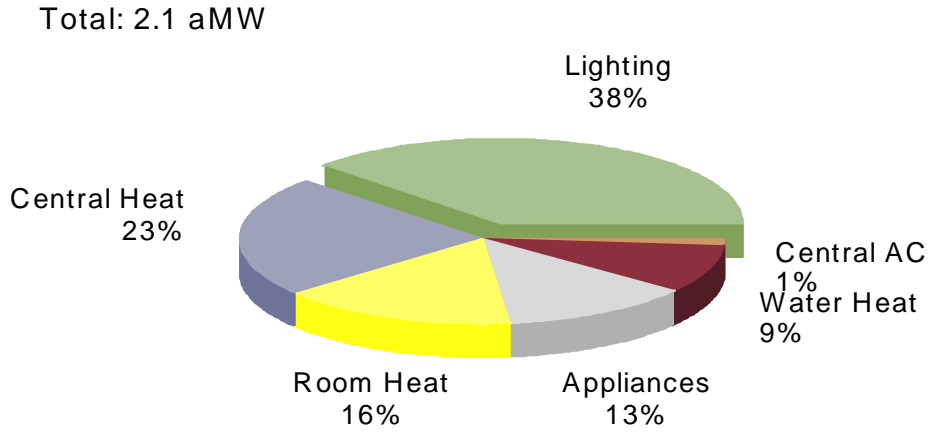
**Figure 56. Residential Achievable Potential in 2027 by End Use, WA, Single Family**

Total: 17 aMW

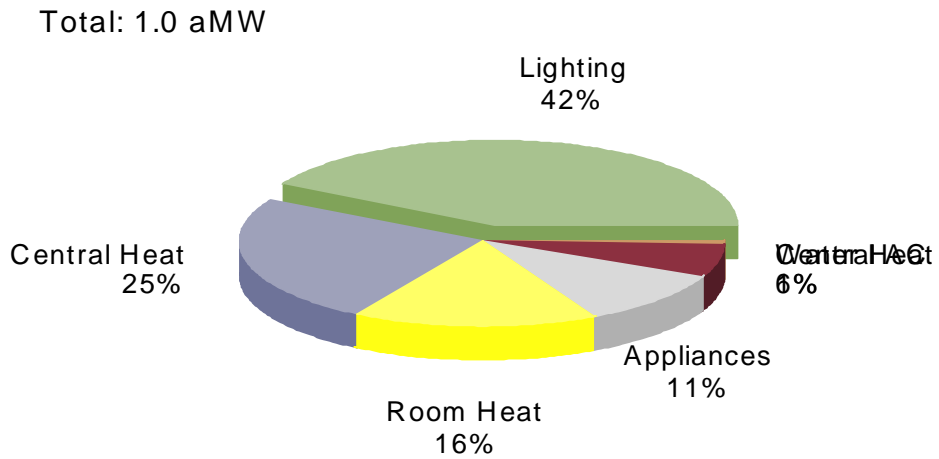


Note: "Other" includes:  
Central AC: 2.9%, Room AC: 0.3%

**Figure 57. Residential Technical Potential in 2027 by End Use, WY, Manufactured**

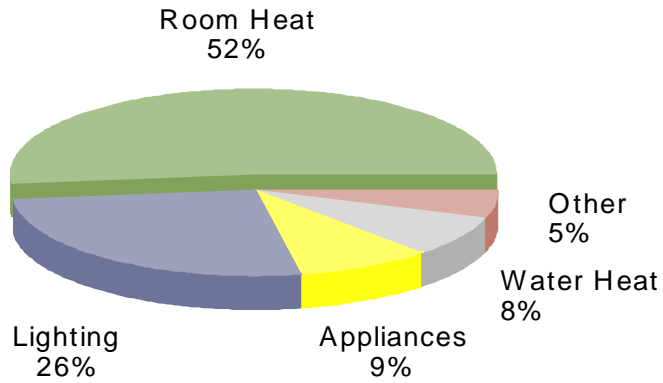


**Figure 58. Residential Achievable Potential in 2027 by End Use, WY, Manufactured**



**Figure 59. Residential Technical Potential in 2027 by End Use, WY, MultiFamily**

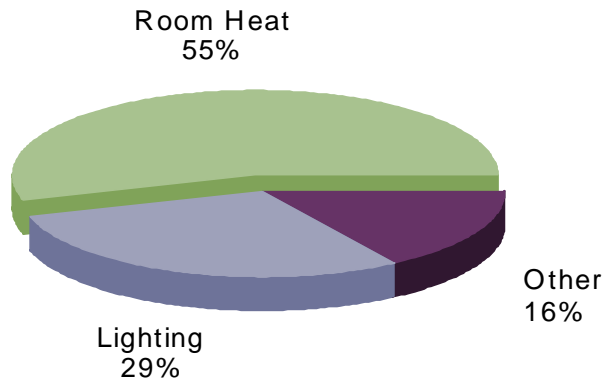
Total: 3.2 aMW



Note: "Other" includes:  
 Central Heat: 2.6%, Heat Pump: 1.6%, Central AC: 0.8%, Room AC: 0.2%

**Figure 60. Residential Achievable Potential in 2027 by End Use, WY, MultiFamily**

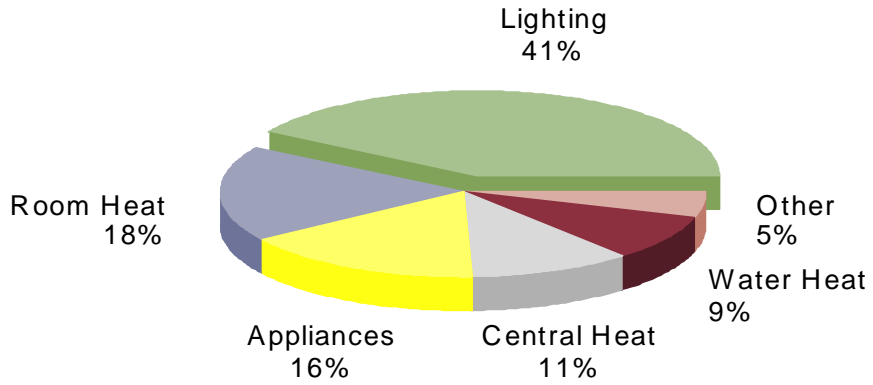
Total: 1.5 aMW



Note: "Other" includes:  
 Appliances: 5.8%, Water Heat: 5.5%, Central Heat: 2.7%, Heat Pump: 1.2%, Central AC: 0.5%

**Figure 61. Residential Technical Potential in 2027 by End Use, WY, Single Family**

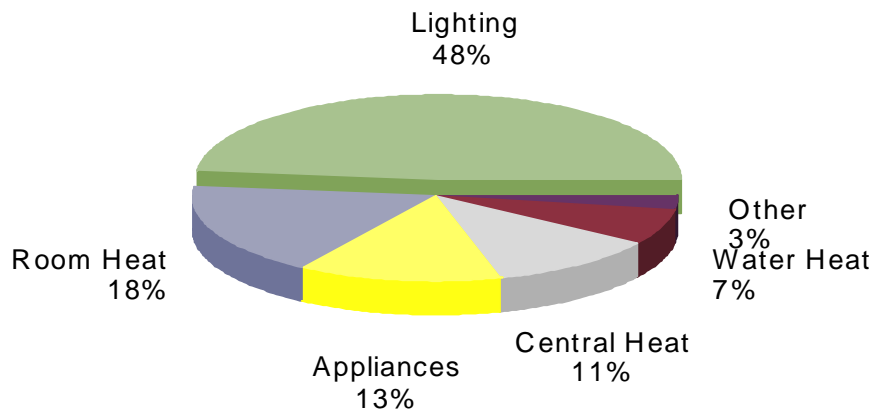
Total: 33 aMW



Note: "Other" includes:  
Central AC: 3.0%, Heat Pump: 1.6%, Room AC: 0.2%

**Figure 62. Residential Achievable Potential in 2027 by End Use, WY, Single Family**

Total: 13 aMW



Note: "Other" includes:  
Central AC: 1.3%, Heat Pump: 1.3%

## Detailed Savings Results by Resource Category

Figure 63. Residential Technical Potential in 2027 by Resource Category, System

Total: 422 aMW

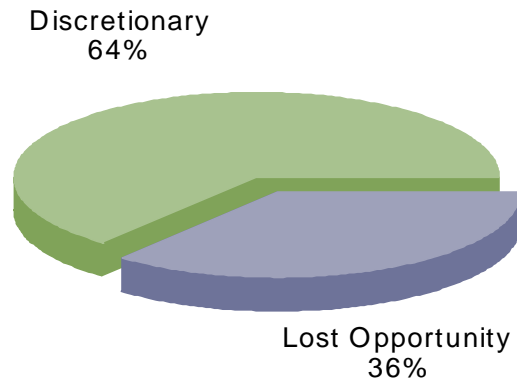
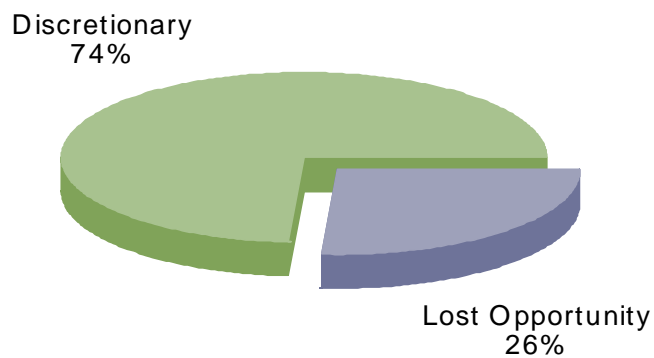


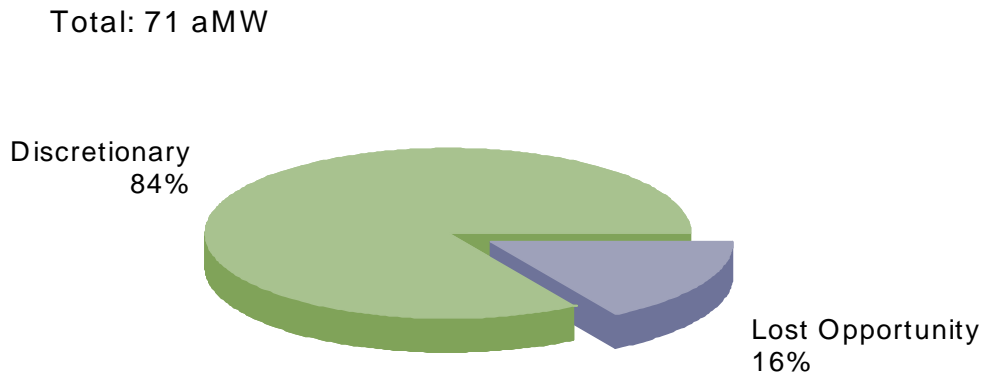
Figure 64. Residential Achievable Potential in 2027 by Resource Category, System

Total: 157 aMW

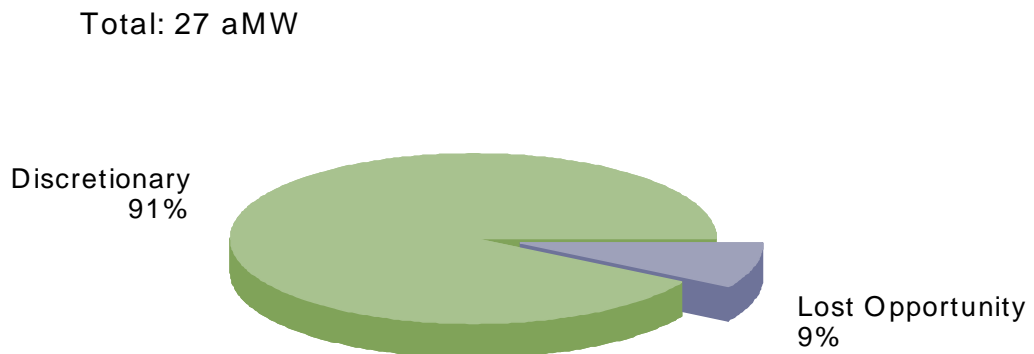




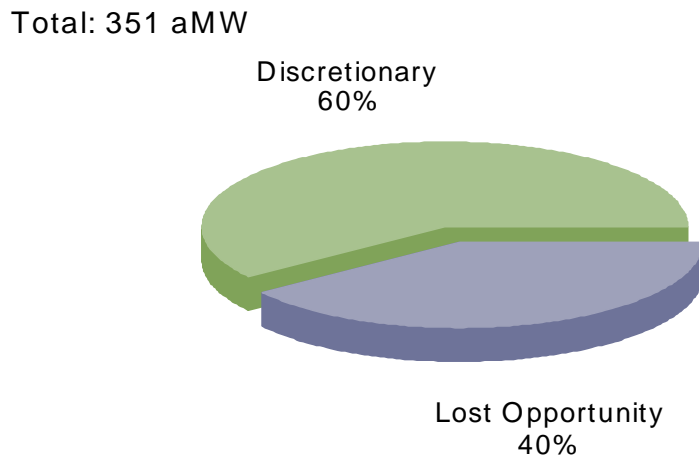
**Figure 65. Residential Technical Potential in 2027 by Resource Category, Pacific Power**



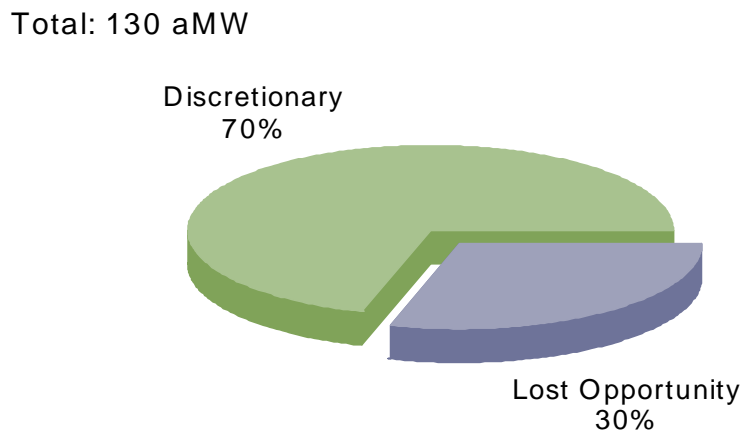
**Figure 66. Residential Achievable Potential in 2027 by Resource Category, Pacific Power**



**Figure 67. Residential Technical Potential in 2027 by Resource Category, Rocky Mountain Power**

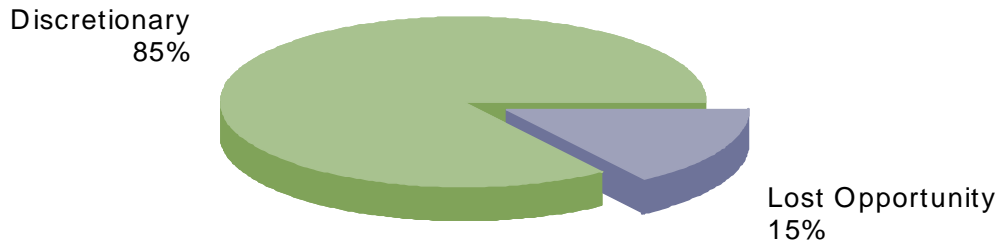


**Figure 68. Residential Achievable Potential in 2027 by Resource Category, Rocky Mountain Power**



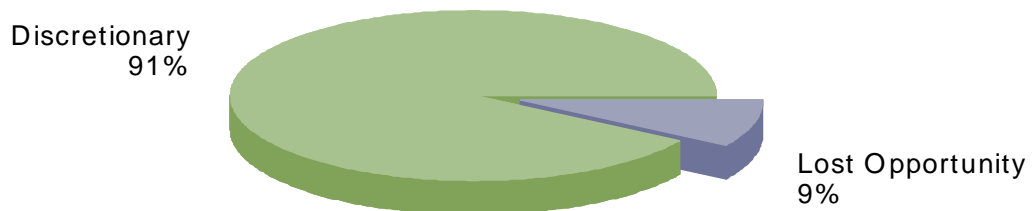
**Figure 69. Residential Technical Potential in 2027 by Resource Category, CA**

Total: 13 aMW



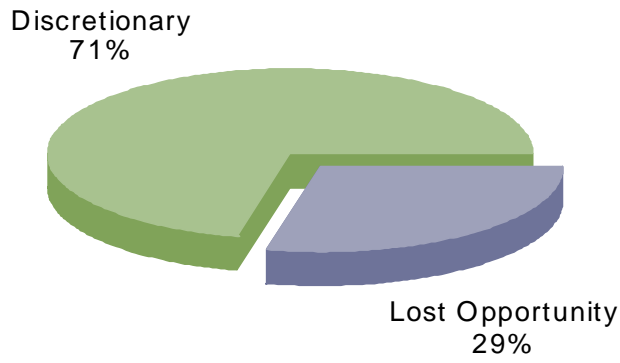
**Figure 70. Residential Achievable Potential in 2027 by Resource Category, CA**

Total: 4.6 aMW



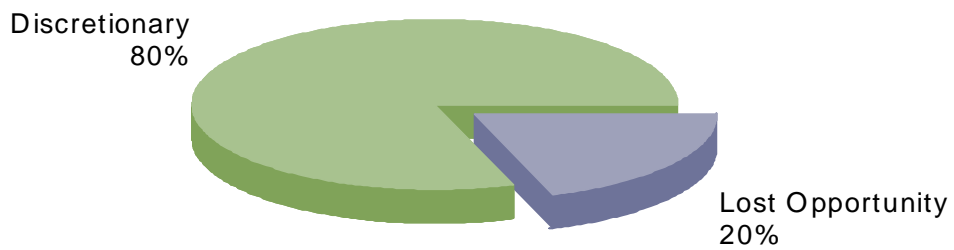
**Figure 71. Residential Technical Potential in 2027 by Resource Category, ID**

Total: 35 aMW



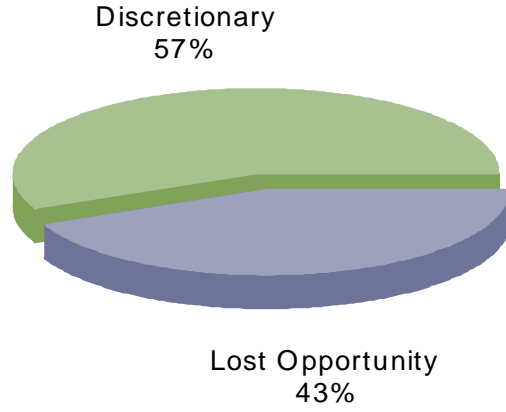
**Figure 72. Residential Achievable Potential in 2027 by Resource Category, ID**

Total: 14 aMW



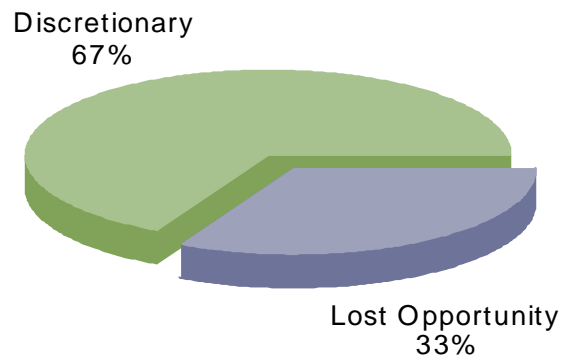
**Figure 73. Residential Technical Potential in 2027 by Resource Category, UT**

Total: 277 aMW



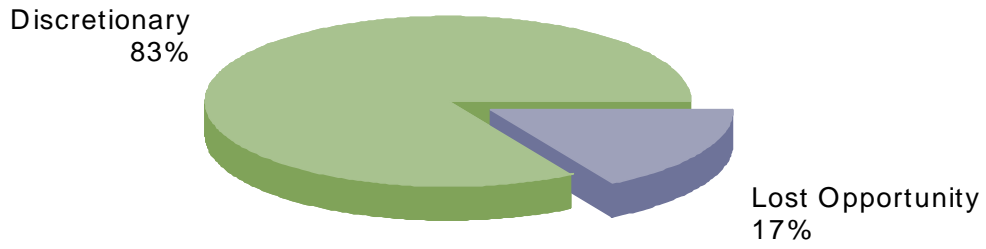
**Figure 74. Residential Achievable Potential in 2027 by Resource Category, UT**

Total: 101 aMW



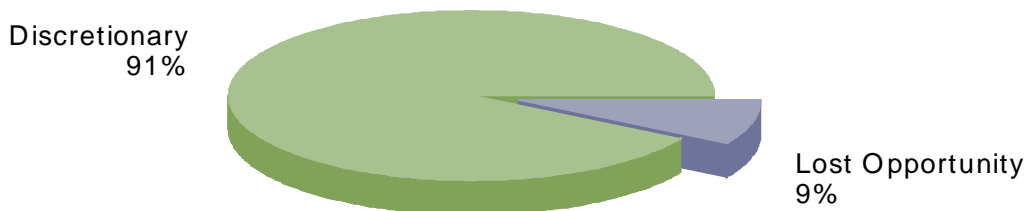
**Figure 75. Residential Technical Potential in 2027 by Resource Category, WA**

Total: 58 aMW



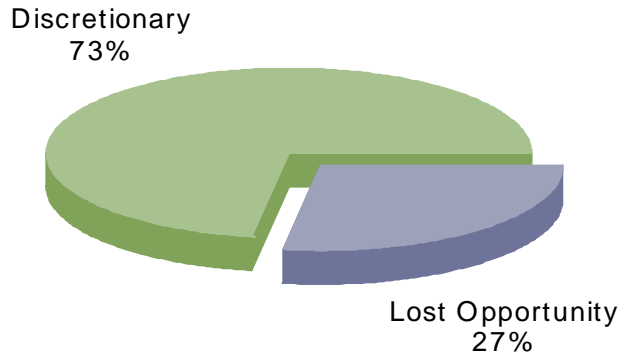
**Figure 76. Residential Achievable Potential in 2027 by Resource Category, WA**

Total: 22 aMW



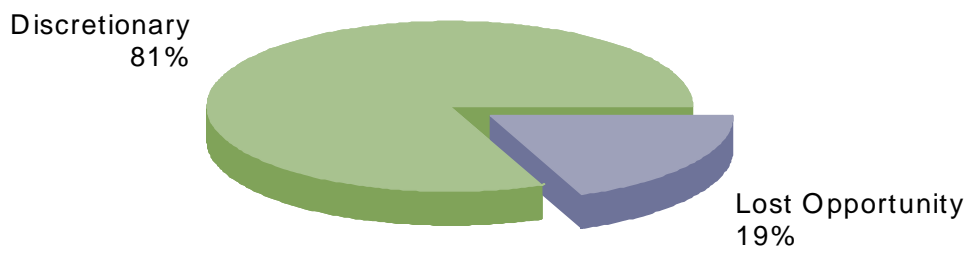
**Figure 77. Residential Technical Potential in 2027 by Resource Category, WY**

Total: 38 aMW



**Figure 78. Residential Achievable Potential in 2027 by Resource Category, WY**

Total: 15 aMW



## Detailed Savings Results by Urban vs. Rural

Figure 79. Residential Technical Potential in 2027 by Urban vs. Rural, System

Total: 422 aMW

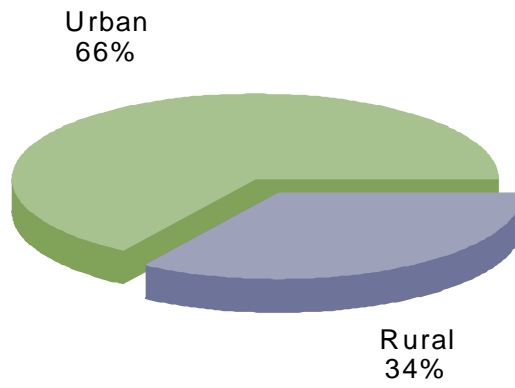
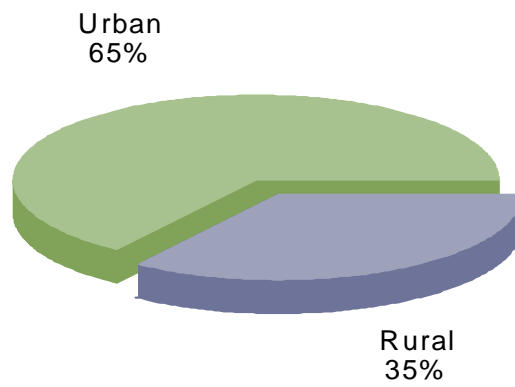


Figure 80. Residential Achievable Potential in 2027 by Urban vs. Rural, System

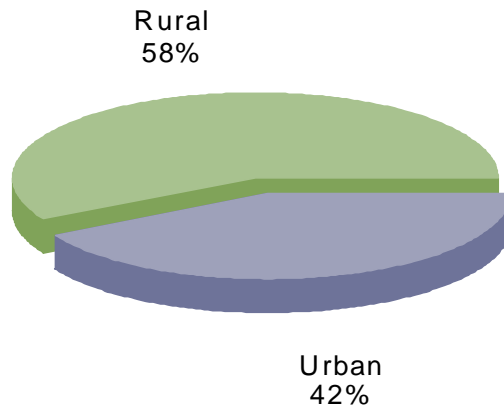
Total: 157 aMW





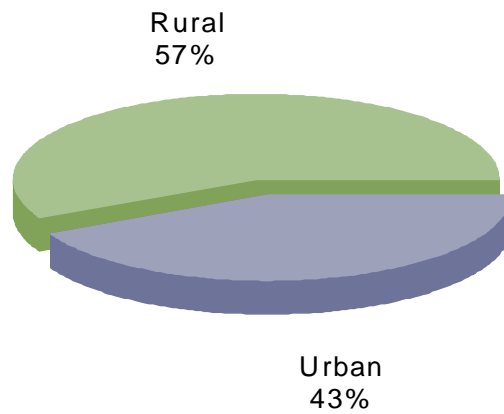
**Figure 81. Residential Technical Potential in 2027 by Urban vs. Rural, Pacific Power**

Total: 71 aMW



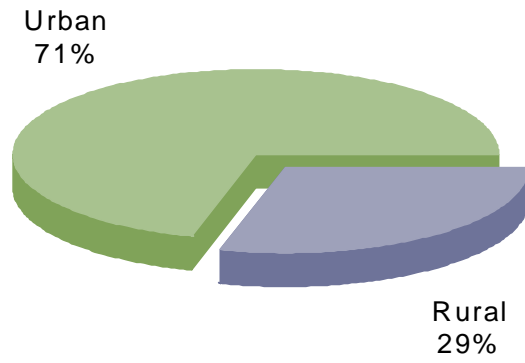
**Figure 82. Residential Achievable Potential in 2027 by Urban vs. Rural, Pacific Power**

Total: 27 aMW



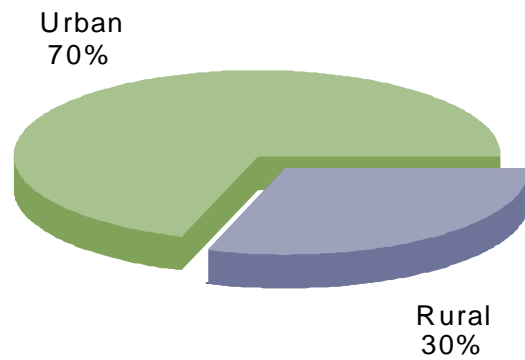
**Figure 83. Residential Technical Potential in 2027 by Urban vs. Rural, Rocky Mountain Power**

Total: 351 aMW



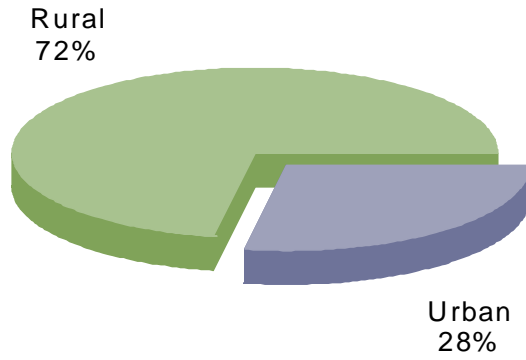
**Figure 84. Residential Achievable Potential in 2027 by Urban vs. Rural, Rocky Mountain Power**

Total: 130 aMW



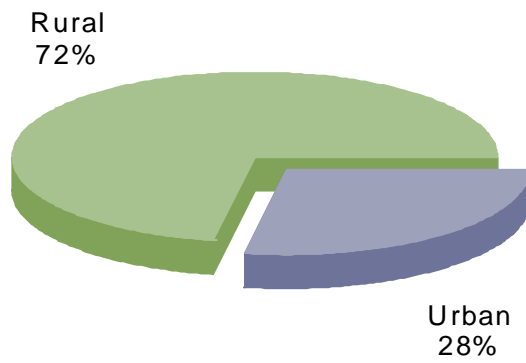
**Figure 85. Residential Technical Potential in 2027 by Urban vs. Rural, ID, Manufactured**

Total: 2.8 aMW



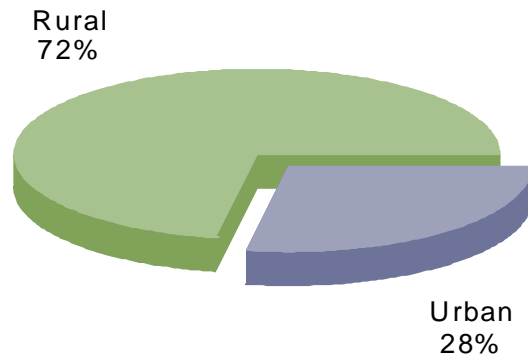
**Figure 86. Residential Achievable Potential in 2027 by Urban vs. Rural, ID, Manufactured**

Total: 1.2 aMW



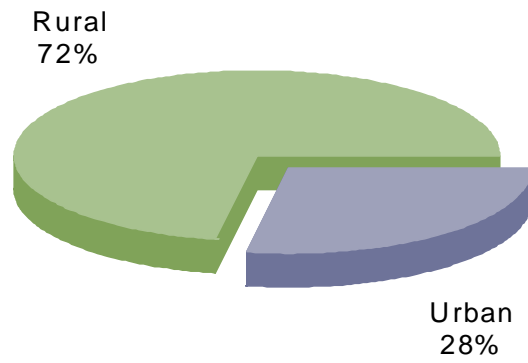
**Figure 87. Residential Technical Potential in 2027 by Urban vs. Rural, ID, MultiFamily**

Total: 1.5 aMW



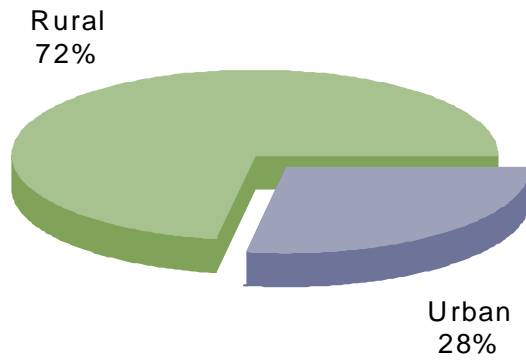
**Figure 88. Residential Achievable Potential in 2027 by Urban vs. Rural, ID, MultiFamily**

Total: 0.6 aMW



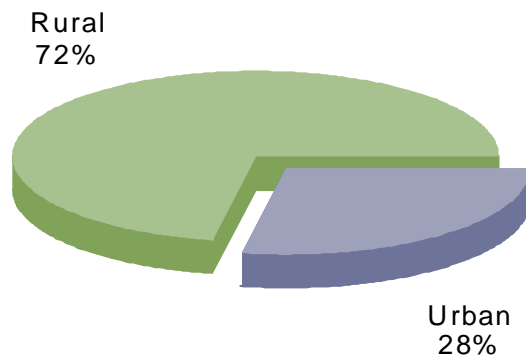
**Figure 89. Residential Technical Potential in 2027 by Urban vs. Rural, ID, Single Family**

Total: 31 aMW



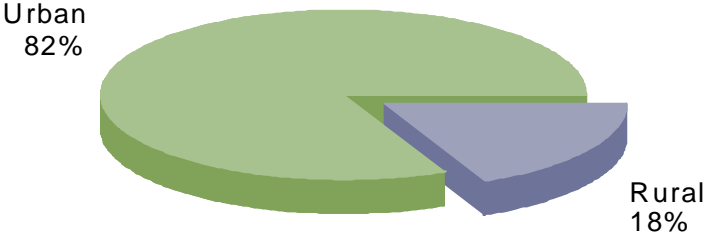
**Figure 90. Residential Achievable Potential in 2027 by Urban vs. Rural, ID, Single Family**

Total: 12 aMW



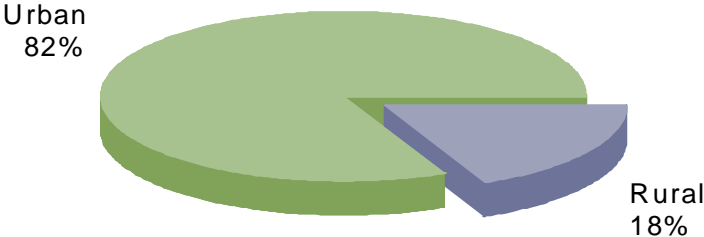
**Figure 91. Residential Technical Potential in 2027 by Urban vs. Rural, UT, Manufactured**

Total: 7.8 aMW



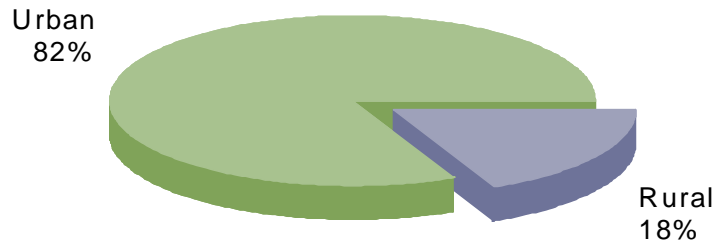
**Figure 92. Residential Achievable Potential in 2027 by Urban vs. Rural, UT, Manufactured**

Total: 2.9 aMW



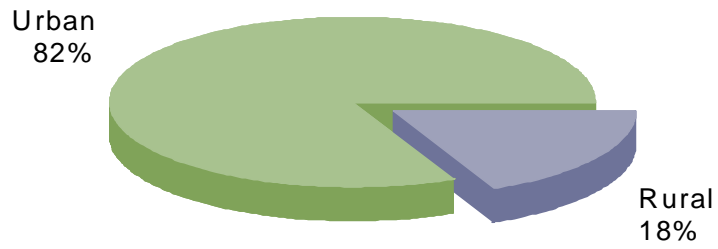
**Figure 93. Residential Technical Potential in 2027 by Urban vs. Rural, UT, MultiFamily**

Total: 19 aMW



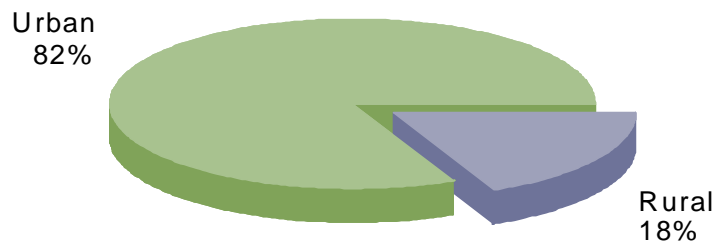
**Figure 94. Residential Achievable Potential in 2027 by Urban vs. Rural, UT, MultiFamily**

Total: 7.0 aMW



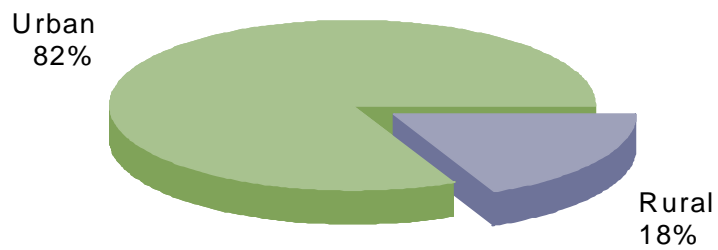
**Figure 95. Residential Technical Potential in 2027 by Urban vs. Rural, UT, Single Family**

Total: 251 aMW



**Figure 96. Residential Achievable Potential in 2027 by Urban vs. Rural, UT, Single Family**

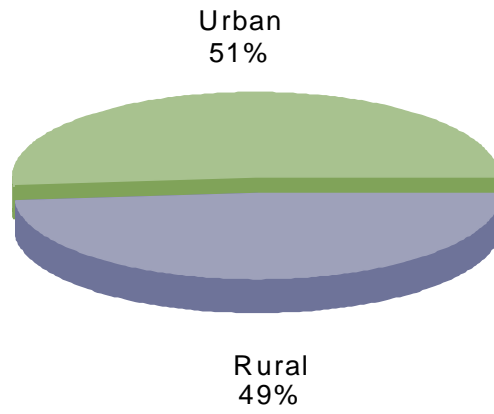
Total: 91 aMW





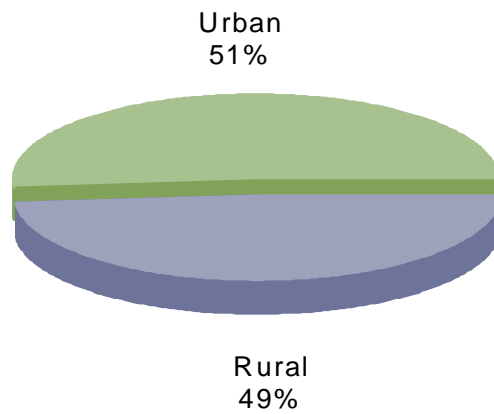
**Figure 97. Residential Technical Potential in 2027 by Urban vs. Rural, WA, Manufactured**

Total: 7.6 aMW



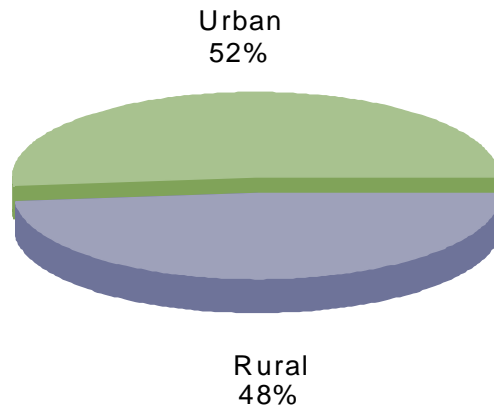
**Figure 98. Residential Achievable Potential in 2027 by Urban vs. Rural, WA, Manufactured**

Total: 3.0 aMW



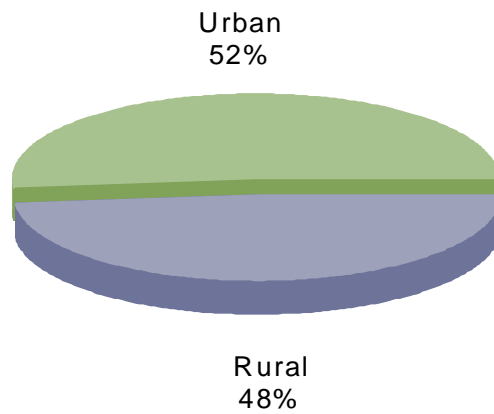
**Figure 99. Residential Technical Potential in 2027 by Urban vs. Rural, WA, MultiFamily**

Total: 4.6 aMW



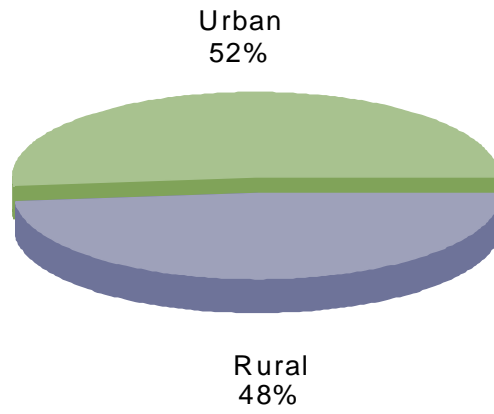
**Figure 100. : Residential Achievable Potential in 2027 by Urban vs. Rural, WA, MultiFamily**

Total: 1.9 aMW



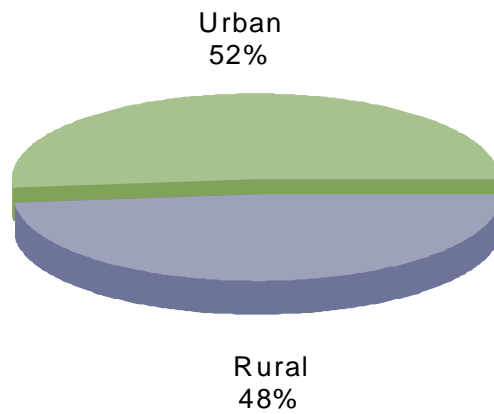
**Figure 101. : Residential Technical Potential in 2027 by Urban vs. Rural, WA, Single Family**

Total: 46 aMW



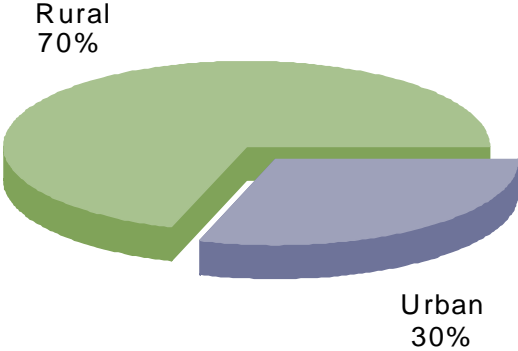
**Figure 102. : Residential Achievable Potential in 2027 by Urban vs. Rural, WA, Single Family**

Total: 17 aMW



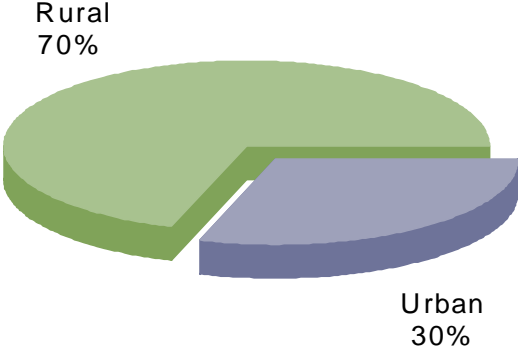
**Figure 103. : Residential Technical Potential in 2027 by Urban vs. Rural, WY, Manufactured**

Total: 2.1 aMW



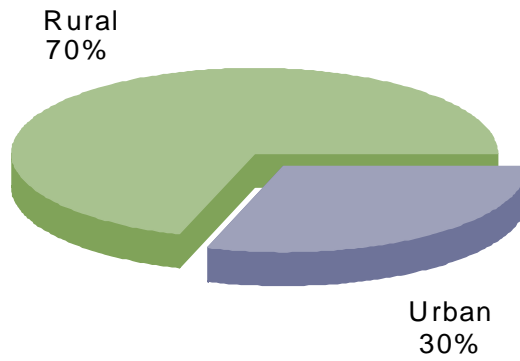
**Figure 104. : Residential Achievable Potential in 2027 by Urban vs. Rural, WY, Manufactured**

Total: 1.0 aMW



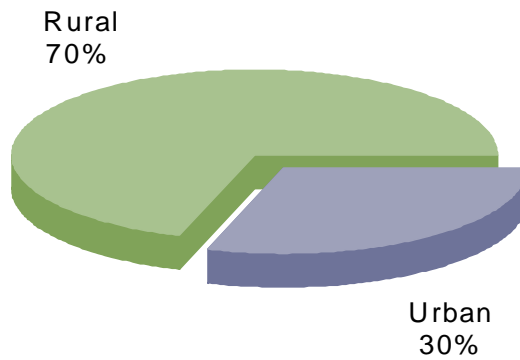
**Figure 105. : Residential Technical Potential in 2027 by Urban vs. Rural, WY, MultiFamily**

Total: 3.2 aMW



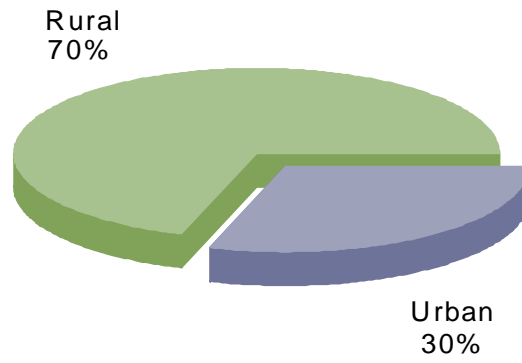
**Figure 106. : Residential Achievable Potential in 2027 by Urban vs. Rural, WY, MultiFamily**

Total: 1.5 aMW



**Figure 107. : Residential Technical Potential in 2027 by Urban vs. Rural, WY, Single Family**

Total: 33 aMW



**Figure 108. : Residential Achievable Potential in 2027 by Urban vs. Rural, WY, Single Family**

Total: 13 aMW

