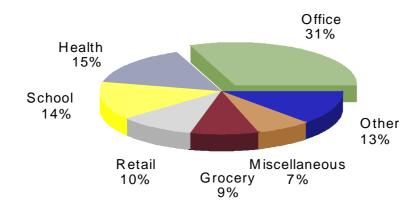
## **Detailed Commercial 2027 Technical and Achievable Potential**

## **Detailed Savings Results by Segment**

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

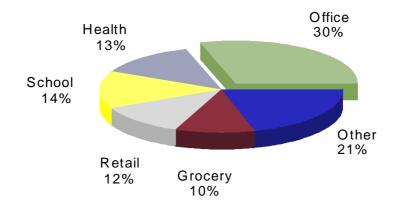




Note: "Other" includes: Lodging: 6.4%, Warehouse: 3.3%, Restaurant: 3.1%

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

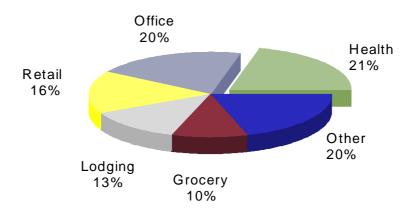
Total: 223 aMW



Note: "Other" includes: Miscellaneous: 6.9%, Lodging: 5.9%, Warehouse: 4.4%, Restaurant: 3.5%

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

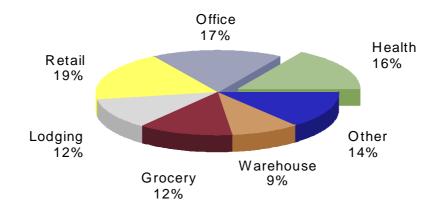
Total: 60 aMW



Note: "Other" includes: Warehouse: 6.2%, Restaurant: 5.0%, Miscellaneous: 4.9%, School: 4.0%

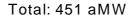
Figure 4. Commercial Achievable Potential in 2027 by Segment, Pacific Power

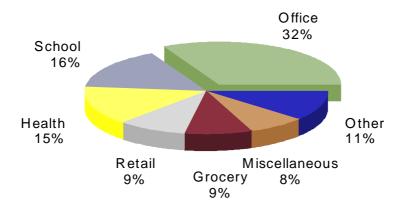
Total: 25 aMW



Note: "Other" includes: Restaurant: 5.2%, Miscellaneous: 5.2%, School: 3.6%

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

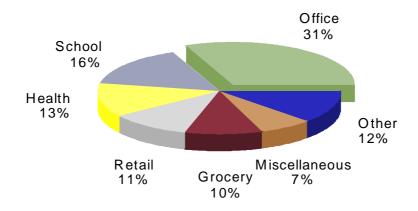




Note: "Other" includes: Lodging: 5.6%, Warehouse: 2.9%, Restaurant: 2.9%

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

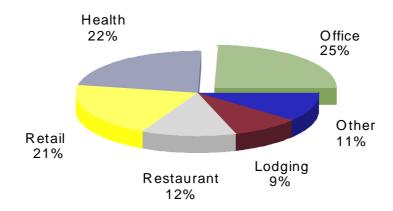
Total: 198 aMW



Note: "Other" includes: Lodging: 5.1%, Warehouse: 3.9%, Restaurant: 3.2%

Figure 7. Commercial Technical Potential in 2027 by Segment, CA

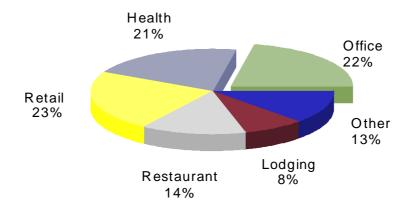
Total: 12 aMW



Note: "Other" includes: Miscellaneous: 4.9%, Grocery: 3.2%, School: 2.8%, Warehouse: 0.1%

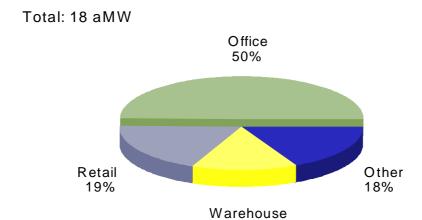
Figure 8. Commercial Achievable Potential in 2027 by Segment, CA

Total: 4.4 aMW



Note: "Other" includes: Miscellaneous: 5.3%, Grocery: 4.3%, School: 2.7%, Warehouse: 0.2%

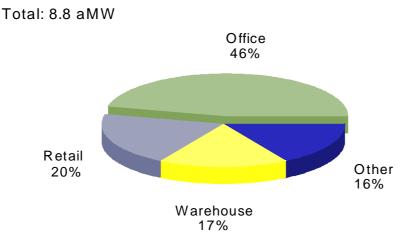
Figure 9. Commercial Technical Potential in 2027 by Segment, ID



Note: "Other" includes: Health: 5.5%, Lodging: 5.2%, School: 2.7%, Grocery: 2.3%, Restaurant: 1.0%, Miscellaneous: 1.0%

14%

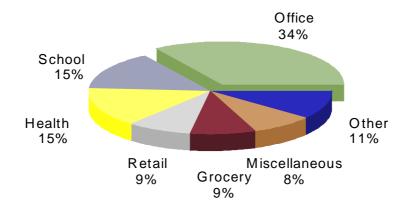
Figure 10. Commercial Achievable Potential in 2027 by Segment, ID



Note: "Other" includes: Lodging: 4.9%, Health: 4.8%, School: 2.5%, Grocery: 2.5%, Restaurant: 1.0%, Miscellaneous: 0.8%

Figure 11. Commercial Technical Potential in 2027 by Segment, UT

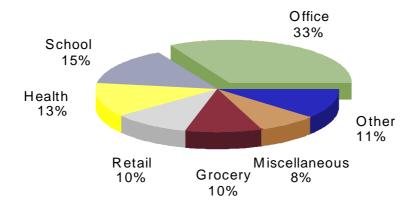
Total: 373 aMW



Note: "Other" includes: Lodging: 5.9%, Restaurant: 2.4%, Warehouse: 2.4%

Figure 12. Commercial Achievable Potential in 2027 by Segment, UT

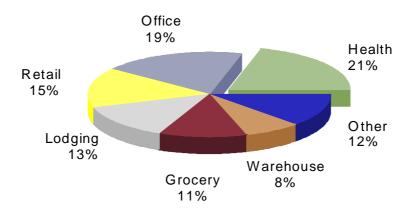
Total: 161 aMW



Note: "Other" includes: Lodging: 5.3%, Warehouse: 3.2%, Restaurant: 2.8%

Figure 13. Commercial Technical Potential in 2027 by Segment, WA

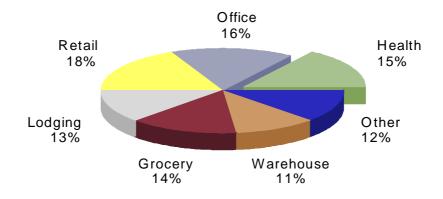
Total: 49 aMW



Note: "Other" includes: Miscellaneous: 4.9%, School: 4.3%, Restaurant: 3.3%

Figure 14. Commercial Achievable Potential in 2027 by Segment, WA

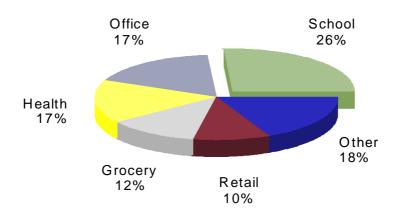
Total: 20 aMW



Note: "Other" includes: Miscellaneous: 5.1%, School: 3.8%, Restaurant: 3.3%

Figure 15. Commercial Technical Potential in 2027 by Segment, WY

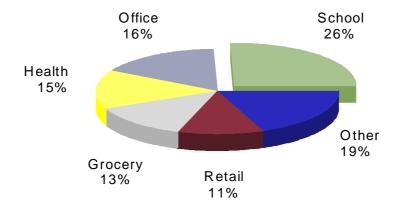
Total: 60 aMW



Note: "Other" includes: Restaurant: 6.2%, Miscellaneous: 4.7%, Lodging: 4.3%, Warehouse: 2.7%

Figure 16. Commercial Achievable Potential in 2027 by Segment, WY

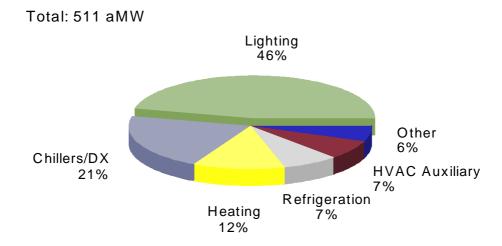
Total: 28 aMW



Note: "Other" includes: Restaurant: 6.7%, Miscellaneous: 4.4%, Lodging: 4.3%, Warehouse: 3.6%

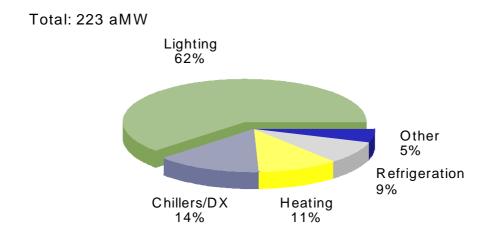
## **Detailed Savings Results by End Use**

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



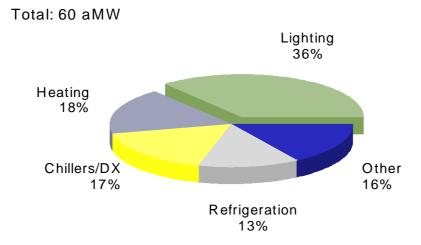
Note: "Other" includes: Water Heat: 2.4%, Heat Pump: 2.2%, Plug Load: 1.0%, Cooking: 0.3%

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



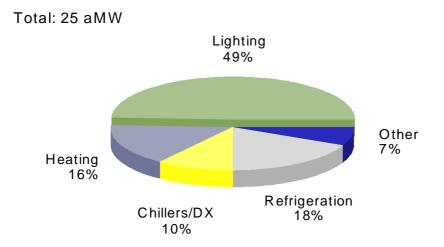
Note: "Other" includes: HVAC Auxiliary: 1.6%, Heat Pump: 1.4%, Water Heat: 1.0%, Plug Load: 0.8%, Cooking: 0.3%

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



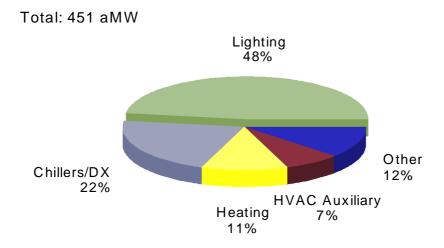
Note: "Other" includes: HVAC Auxiliary: 5.7%, Heat Pump: 4.9%, Water Heat: 4.2%, Plug Load: 0.6%, Cooking: 0.6%

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



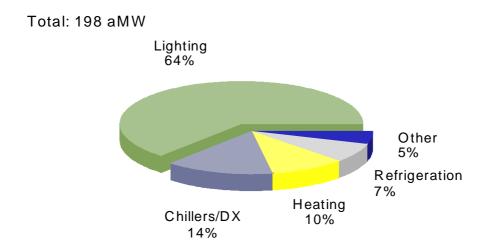
Note: "Other" includes: Heat Pump: 3.3%, Water Heat: 2.0%, Cooking: 0.7%, HVAC Auxiliary: 0.5%, Plug Load: 0.5%

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



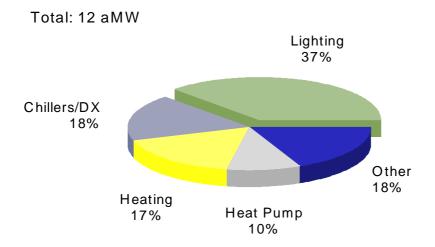
Note: "Other" includes: Refrigeration: 6.6%, Water Heat: 2.2%, Heat Pump: 1.8%, Plug Load: 1.0%, Cooking: 0.3%

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



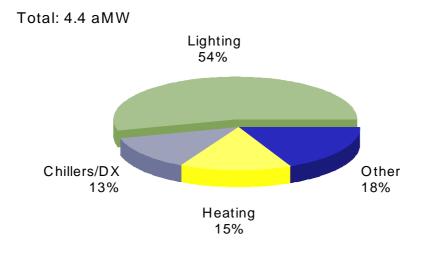
Note: "Other" includes: HVAC Auxiliary: 1.7%, Heat Pump: 1.2%, Water Heat: 0.9%, Plug Load: 0.8%, Cooking: 0.3%

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



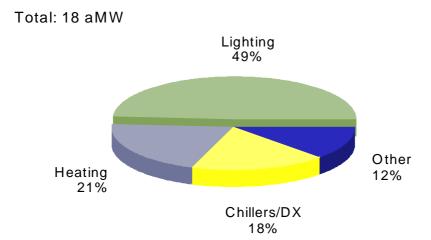
Note: "Other" includes: Water Heat: 6.1%, HVAC Auxiliary: 5.9%, Refrigeration: 4.1%, Cooking: 1.6%, Plug Load: 0.5%

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



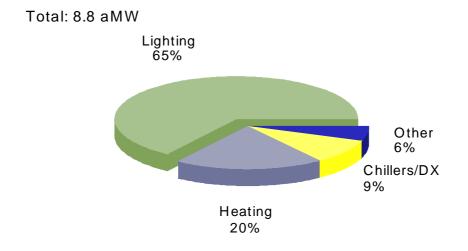
Note: "Other" includes: Heat Pump: 6.4%, Refrigeration: 5.6%, Water Heat: 3.2%, Cooking: 2.0%, HVAC Auxiliary: 0.6%, Plug Load: 0.3

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



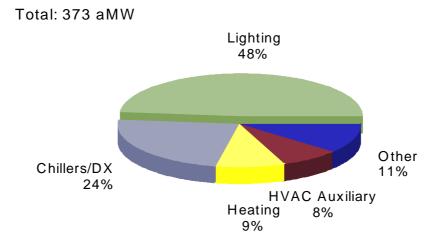
Note: "Other" includes: HVAC Auxiliary: 4.3%, Water Heat: 3.1%, Heat Pump: 2.4%, Refrigeration: 1.7%, Plug Load: 0.8%, Cooking: 0.2

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



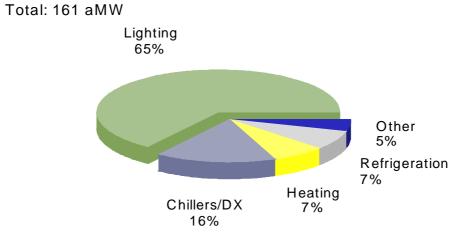
Note: "Other" includes: Refrigeration: 1.8%, Heat Pump: 1.7%, Water Heat: 1.1%, HVAC Auxiliary: 0.6%, Plug Load: 0.3%, Cooking: 0.2

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



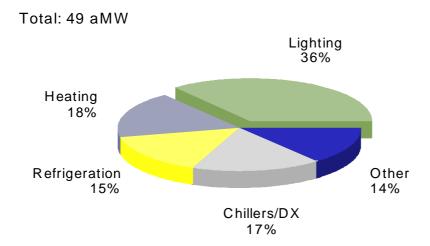
Note: "Other" includes: Refrigeration: 6.4%, Water Heat: 1.9%, Heat Pump: 1.7%, Plug Load: 1.1%, Cooking: 0.2%

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



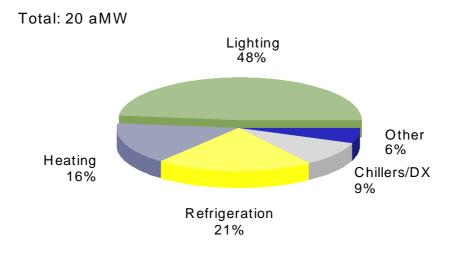
Note: "Other" includes: HVAC Auxiliary: 1.7%, Heat Pump: 1.0%, Plug Load: 0.9%, Water Heat: 0.8%, Cooking: 0.2%

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



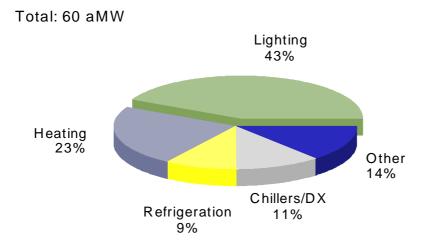
Note: "Other" includes: HVAC Auxiliary: 5.7%, Heat Pump: 3.8%, Water Heat: 3.8%, Plug Load: 0.6%, Cooking: 0.3%

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



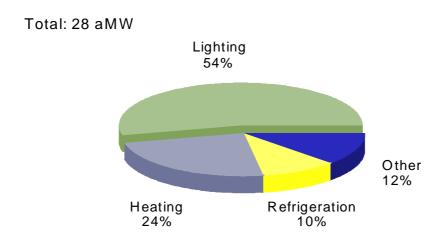
Note: "Other" includes: Heat Pump: 2.6%, Water Heat: 1.8%, Plug Load: 0.5%, HVAC Auxiliary: 0.5%, Cooking: 0.4%

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



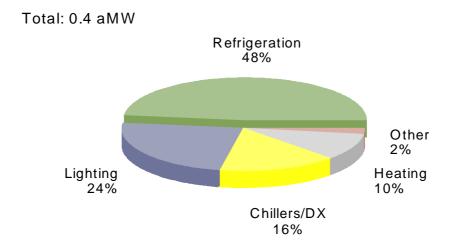
Note: "Other" includes: HVAC Auxiliary: 5.9%, Water Heat: 3.6%, Heat Pump: 2.5%, Cooking: 0.9%, Plug Load: 0.6%

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



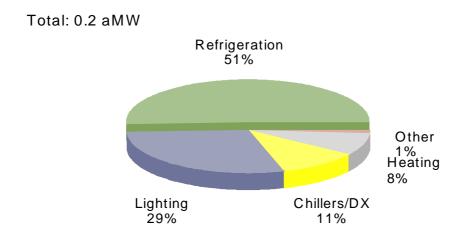
Note: "Other" includes: Chillers/DX: 5.7%, Heat Pump: 1.9%, HVAC Auxiliary: 1.9%, Water Heat: 1.5%, Cooking: 0.9%, Plug Load: 0.4%

Figure 33. Commercial Technical Potential in 2027 by End Use, CA, Grocery



Note: "Other" includes: Water Heat: 1.2%, HVAC Auxiliary: 0.5%, Cooking: 0.3%, Plug Load: 0.2%

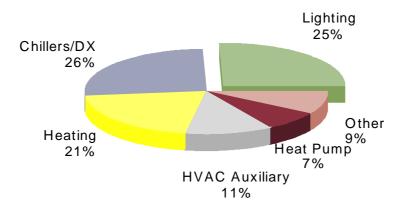
Figure 34. Commercial Achievable Potential in 2027 by End Use, CA, Grocery



Note: "Other" includes: HVAC Auxiliary: 0.5% , Cooking: 0.3% , Water Heat: 0.3% , Plug Load: 0.1%

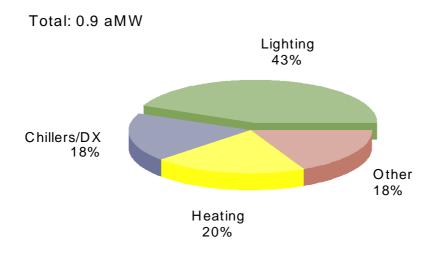
Figure 35. Commercial Technical Potential in 2027 by End Use, CA, Health

Total: 2.6 aMW



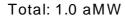
Note: "Other" includes: Refrigeration: 4.2%, Water Heat: 3.9%, Plug Load: 0.7%

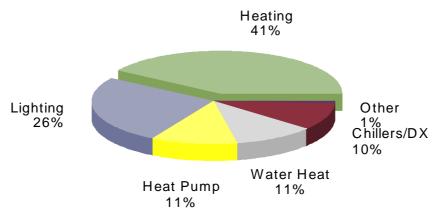
Figure 36. Commercial Achievable Potential in 2027 by End Use, CA, Health



Note: "Other" includes: Heat Pump: 6.1%, Refrigeration: 6.1%, HVAC Auxiliary: 2.4%, Water Heat: 2.2%, Plug Load: 1.0%

Figure 37. Commercial Technical Potential in 2027 by End Use, CA, Lodging

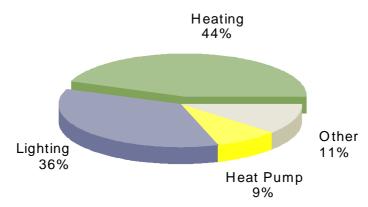




Note: "Other" includes: HVAC Auxiliary: 0.8%, Plug Load: 0.2%

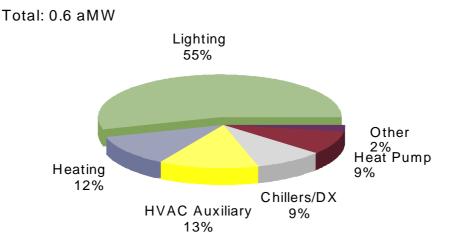
Figure 38. Commercial Achievable Potential in 2027 by End Use, CA, Lodging

Total: 0.4 aMW



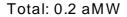
Note: "Other" includes: Chillers/DX: 5.7%, Water Heat: 5.6%, HVAC Auxiliary: 0.2%

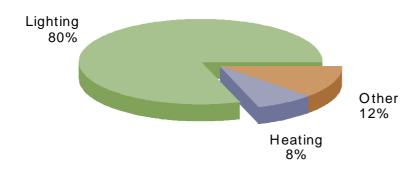
Figure 39. Commercial Technical Potential in 2027 by End Use, CA, Miscellaneous



Note: "Other" includes: Water Heat: 2.2%, Plug Load: 0.2%

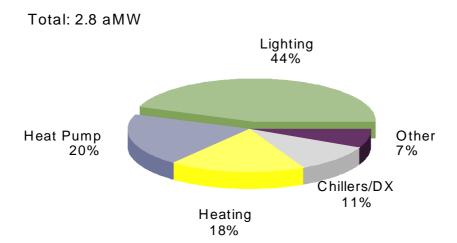
Figure 40. Commercial Achievable Potential in 2027 by End Use, CA, Miscellaneous





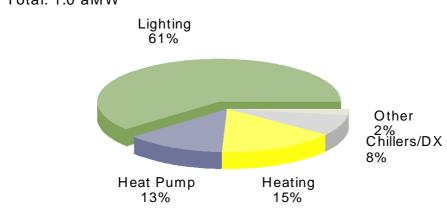
Note: "Other" includes: Chillers/DX: 5.9%, Heat Pump: 5.6%, Water Heat: 0.7%

Figure 41. Commercial Technical Potential in 2027 by End Use, CA, Office



Note: "Other" includes: Water Heat: 5.2%, HVAC Auxiliary: 1.1%, Plug Load: 0.8%

Figure 42. Commercial Achievable Potential in 2027 by End Use, CA, Office

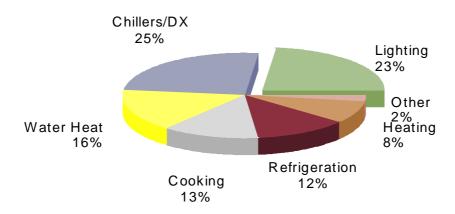


Total: 1.0 aMW

Note: "Other" includes: Water Heat: 2.0%, Plug Load: 0.3%

Figure 43. Commercial Technical Potential in 2027 by End Use, CA, Restaurant

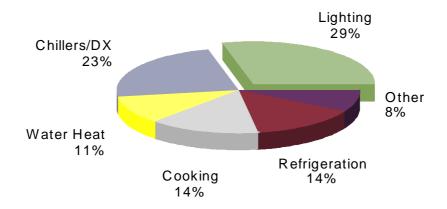
Total: 1.4 aMW



Note: "Other" includes: Heat Pump: 1.7%, HVAC Auxiliary: 0.7%

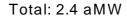
Figure 44. Commercial Achievable Potential in 2027 by End Use, CA, Restaurant

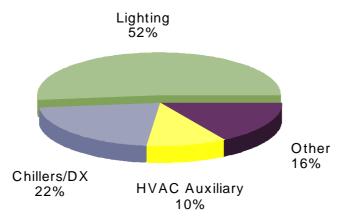
Total: 0.6 aMW



Note: "Other" includes: Heating: 6.9%, Heat Pump: 1.2%

Figure 45. Commercial Technical Potential in 2027 by End Use, CA, Retail

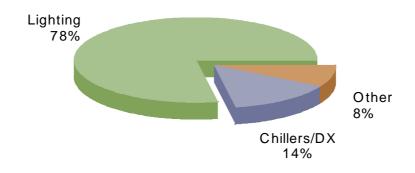




Note: "Other" includes: Heating: 6.6%, Heat Pump: 6.5%, Water Heat: 2.8%, Plug Load: 0.3%

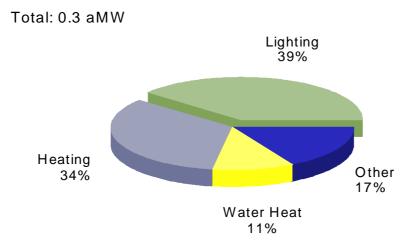
Figure 46. Commercial Achievable Potential in 2027 by End Use, CA, Retail

Total: 1.0 aMW



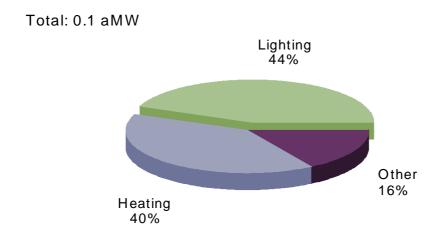
Note: "Other" includes: Heat Pump: 4.2%, Heating: 3.3%, Water Heat: 0.9%

Figure 47. Commercial Technical Potential in 2027 by End Use, CA, School



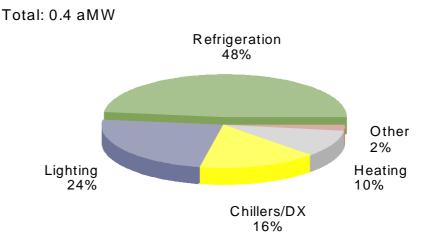
Note: "Other" includes: Chillers/DX: 4.4%, HVAC Auxiliary: 4.4%, Refrigeration: 4.0%, Heat Pump: 3.7%, Cooking: 0.2%, Plug Load: 0.1

Figure 48. Commercial Achievable Potential in 2027 by End Use, CA, School



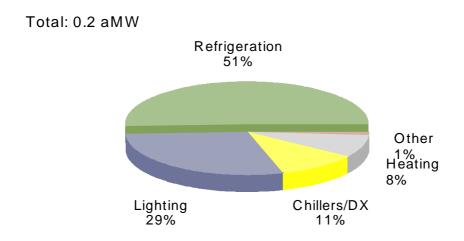
Note: "Other" includes: Refrigeration: 5.7%, Water Heat: 5.4%, Heat Pump: 3.3%, Chillers/DX: 1.2%, HVAC Auxiliary: 0.6%

Figure 49. Commercial Technical Potential in 2027 by End Use, CA, Warehouse



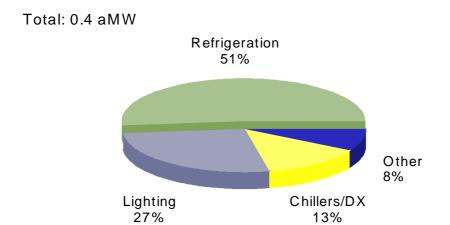
Note: "Other" includes: Water Heat: 1.2%, HVAC Auxiliary: 0.5%, Cooking: 0.3%, Plug Load: 0.2%

Figure 50. Commercial Achievable Potential in 2027 by End Use, CA, Warehouse



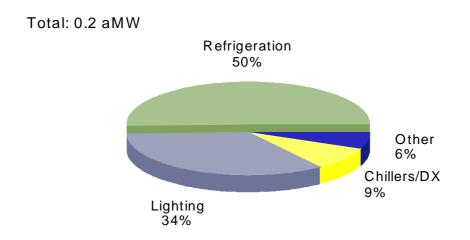
Note: "Other" includes: HVAC Auxiliary: 0.5%, Cooking: 0.3%, Water Heat: 0.3%, Plug Load: 0.1%

Figure 51. Commercial Technical Potential in 2027 by End Use, ID, Grocery



Note: "Other" includes: Heat Pump: 3.1%, Heating: 2.4%, Water Heat: 1.3%, Cooking: 0.7%, HVAC Auxiliary: 0.6%, Plug Load: 0.3%

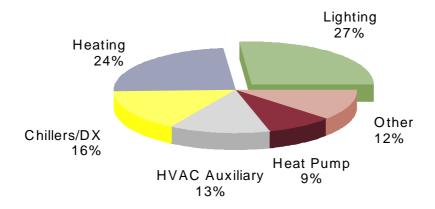
Figure 52. Commercial Achievable Potential in 2027 by End Use, ID, Grocery



Note: "Other" includes: Heat Pump: 2.5%, Heating: 2.1%, Cooking: 0.7%, HVAC Auxiliary: 0.6%, Water Heat: 0.3%, Plug Load: 0.2%

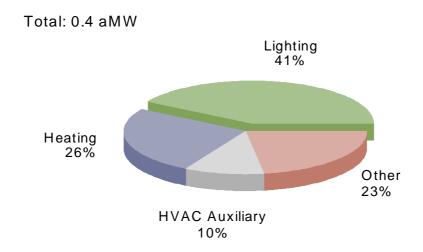
Figure 53. Commercial Technical Potential in 2027 by End Use, ID, Health

Total: 1.0 aMW



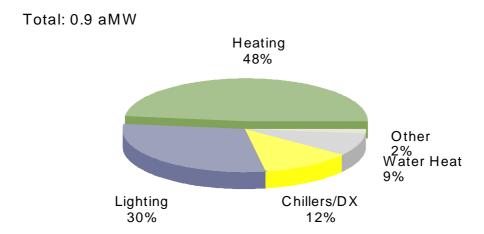
Note: "Other" includes: Water Heat: 5.6%, Refrigeration: 5.2%, Plug Load: 0.9%

Figure 54. Commercial Achievable Potential in 2027 by End Use, ID, Health



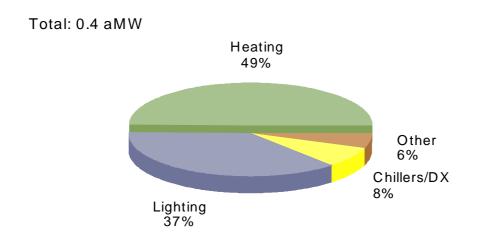
Note: "Other" includes: Chillers/DX: 6.5%, Heat Pump: 6.5%, Refrigeration: 5.9%, Water Heat: 2.7%, Plug Load: 1.0%

Figure 55. Commercial Technical Potential in 2027 by End Use, ID, Lodging



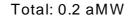
Note: "Other" includes: HVAC Auxiliary: 1.4%, Plug Load: 0.2%

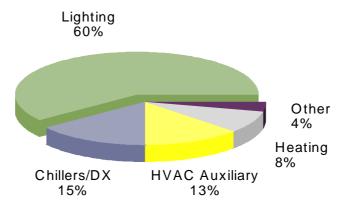
Figure 56. Commercial Achievable Potential in 2027 by End Use, ID, Lodging



Note: "Other" includes: Water Heat: 4.2%, HVAC Auxiliary: 1.4%

Figure 57. Commercial Technical Potential in 2027 by End Use, ID, Miscellaneous

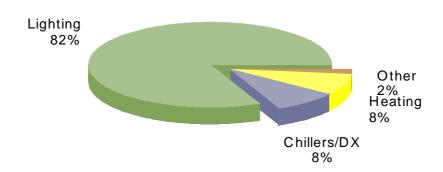




Note: "Other" includes: Heat Pump: 1.8%, Water Heat: 1.6%, Plug Load: 0.2%

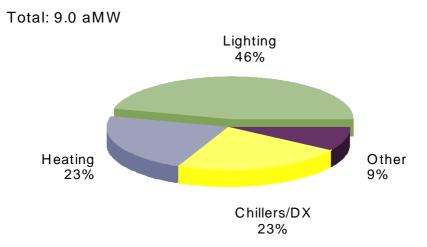
Figure 58. Commercial Achievable Potential in 2027 by End Use, ID, Miscellaneous

Total: 0.1 aMW



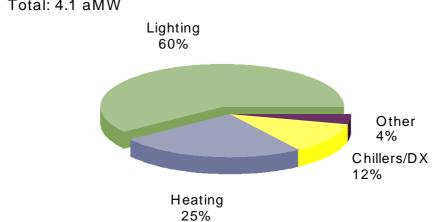
Note: "Other" includes: Heat Pump: 1.3%, Water Heat: 0.5%

Figure 59. Commercial Technical Potential in 2027 by End Use, ID, Office



Note: "Other" includes: Heat Pump: 3.4%, Water Heat: 2.6%, HVAC Auxiliary: 2.0%, Plug Load: 1.1%

Figure 60. Commercial Achievable Potential in 2027 by End Use, ID, Office

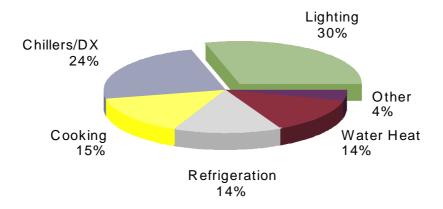


Total: 4.1 aMW

Note: "Other" includes: Heat Pump: 2.5%, Water Heat: 0.7%, Plug Load: 0.4%, HVAC Auxiliary: 0.1%

Figure 61. Commercial Technical Potential in 2027 by End Use, ID, Restaurant

Total: 0.2 aMW



Note: "Other" includes: Heating: 3.2%, HVAC Auxiliary: 0.8%

Figure 62. Commercial Achievable Potential in 2027 by End Use, ID, Restaurant

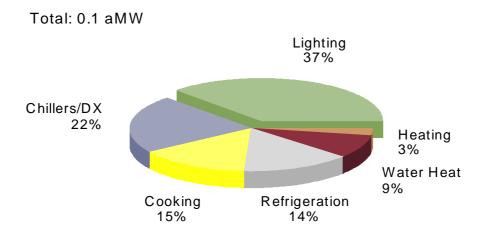
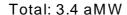
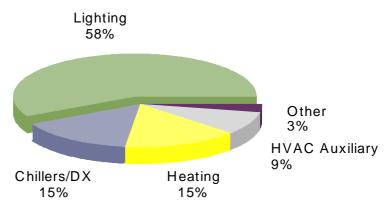


Figure 63. Commercial Technical Potential in 2027 by End Use, ID, Retail

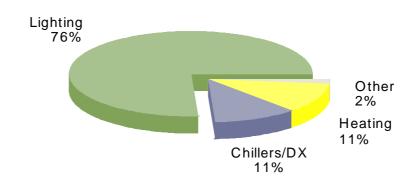




Note: "Other" includes: Water Heat: 1.7% , Heat Pump: 0.9% , Plug Load: 0.5%

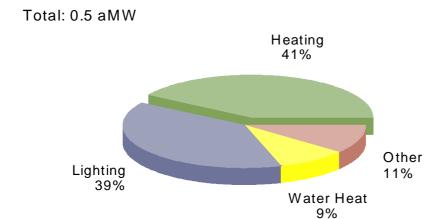
Figure 64. Commercial Achievable Potential in 2027 by End Use, ID, Retail

Total: 1.8 aMW



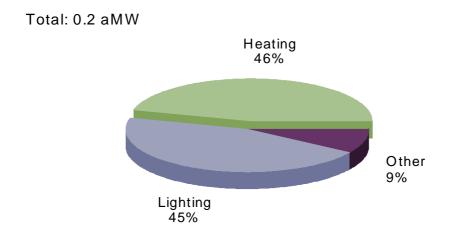
Note: "Other" includes: Heat Pump: 0.9%, Water Heat: 0.5%, Plug Load: 0.3%

Figure 65. Commercial Technical Potential in 2027 by End Use, ID, School



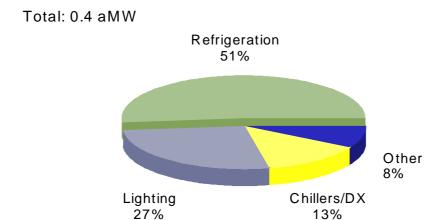
 $Note: "Other" includes: Refrigeration: 4.7\%, HVAC \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Plug \ Load: 0.1\%, Cooking: 0.1\% \ Auxiliary: 4.0\%, Chillers/DX: 1.9\%, Chillers/DX: 1.9$ 

Figure 66. Commercial Achievable Potential in 2027 by End Use, ID, School



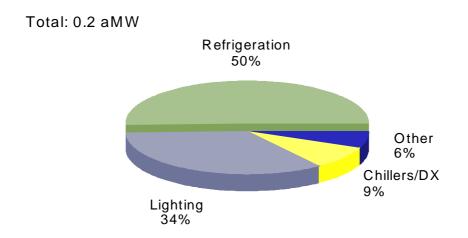
Note: "Other" includes: Refrigeration: 5.2%, Water Heat: 3.3%, HVAC Auxiliary: 0.4%, Chillers/DX: 0.2%, Plug Load: 0.1%

Figure 67. Commercial Technical Potential in 2027 by End Use, ID, Warehouse



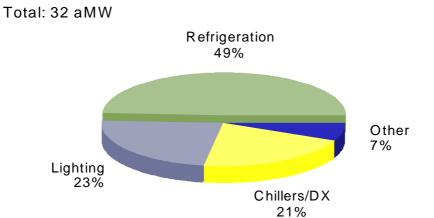
Note: "Other" includes: Heat Pump: 3.1%, Heating: 2.4%, Water Heat: 1.3%, Cooking: 0.7%, HVAC Auxiliary: 0.6%, Plug Load: 0.3%

Figure 68. Commercial Achievable Potential in 2027 by End Use, ID, Warehouse



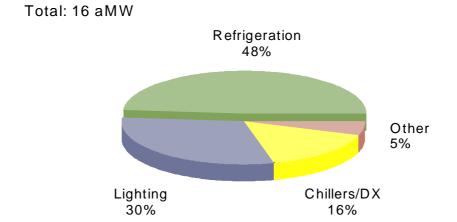
Note: "Other" includes: Heat Pump: 2.5%, Heating: 2.1%, Cooking: 0.7%, HVAC Auxiliary: 0.6%, Water Heat: 0.3%, Plug Load: 0.2%

Figure 69. Commercial Technical Potential in 2027 by End Use, UT, Grocery



Note: "Other" includes: Heating: 3.0%, Heat Pump: 2.1%, Cooking: 0.6%, HVAC Auxiliary: 0.5%, Water Heat: 0.3%, Plug Load: 0.2%

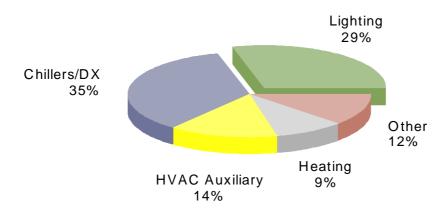
Figure 70. Commercial Achievable Potential in 2027 by End Use, UT, Grocery



Note: "Other" includes: Heating: 2.6%, Heat Pump: 1.6%, Cooking: 0.6%, HVAC Auxiliary: 0.4%, Plug Load: 0.2%

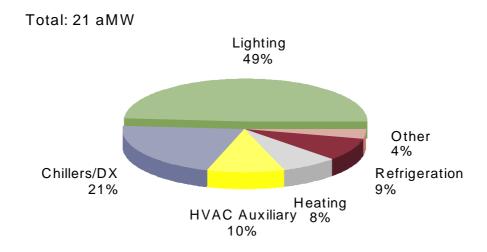
Figure 71. Commercial Technical Potential in 2027 by End Use, UT, Health

Total: 56 aMW



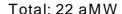
Note: "Other" includes: Refrigeration: 6.9%, Heat Pump: 3.0%, Water Heat: 1.1%, Plug Load: 1.0%

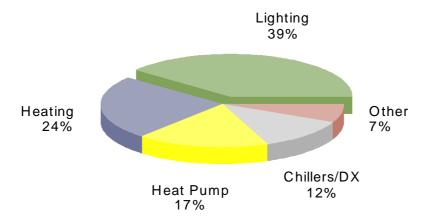
Figure 72. Commercial Achievable Potential in 2027 by End Use, UT, Health



Note: "Other" includes: Heat Pump: 1.9%, Plug Load: 1.2%, Water Heat: 0.5%

Figure 73. Commercial Technical Potential in 2027 by End Use, UT, Lodging

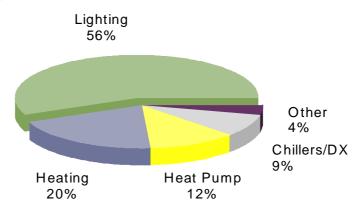




Note: "Other" includes: Water Heat: 5.1%, HVAC Auxiliary: 1.4%, Plug Load: 0.3%, Cooking: 0.1%

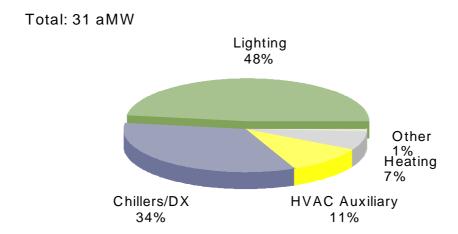
Figure 74. Commercial Achievable Potential in 2027 by End Use, UT, Lodging

Total: 8.5 aMW



Note: "Other" includes: Water Heat: 2.7%, HVAC Auxiliary: 0.7%, Cooking: 0.2%

Figure 75. Commercial Technical Potential in 2027 by End Use, UT, Miscellaneous

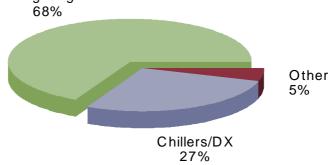


Note: "Other" includes: Water Heat: 0.7%, Plug Load: 0.2%

Total: 13 aMW

Figure 76. Commercial Achievable Potential in 2027 by End Use, UT, Miscellaneous

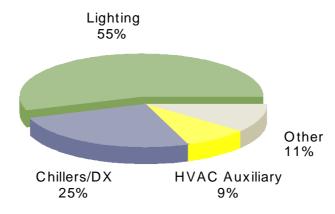




Note: "Other" includes: Heating: 4.8%, Water Heat: 0.2%

Figure 77. Commercial Technical Potential in 2027 by End Use, UT, Office

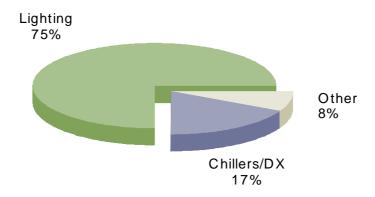




Note: "Other" includes: Heating: 6.7%, Plug Load: 2.4%, Water Heat: 1.6%

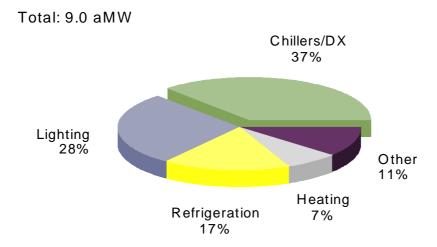
Figure 78. Commercial Achievable Potential in 2027 by End Use, UT, Office

Total: 53 aMW



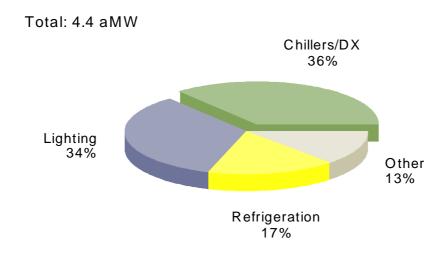
Note: "Other" includes: Heating: 4.3%, Plug Load: 2.0%, HVAC Auxiliary: 0.8%, Water Heat: 0.5%

Figure 79. Commercial Technical Potential in 2027 by End Use, UT, Restaurant



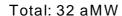
Note: "Other" includes: Water Heat: 6.8%, Cooking: 3.7%, HVAC Auxiliary: 0.8%

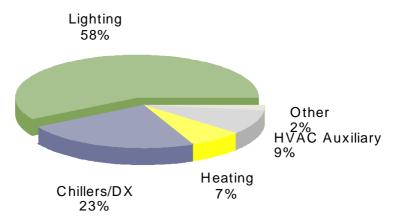
Figure 80. Commercial Achievable Potential in 2027 by End Use, UT, Restaurant



Note: "Other" includes: Heating: 5.5%, Water Heat: 3.9%, Cooking: 3.7%

Figure 81. Commercial Technical Potential in 2027 by End Use, UT, Retail

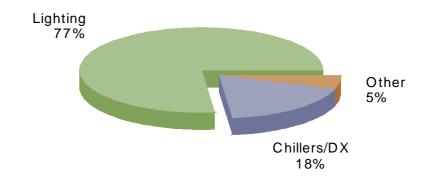




Note: "Other" includes: Water Heat: 1.6%, Plug Load: 0.5%

Figure 82. Commercial Achievable Potential in 2027 by End Use, UT, Retail

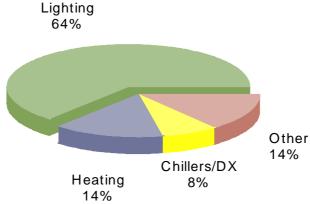
Total: 17 aMW



Note: "Other" includes: Heating: 4.3%, Water Heat: 0.5%, Plug Load: 0.4%

Figure 83. Commercial Technical Potential in 2027 by End Use, UT, School

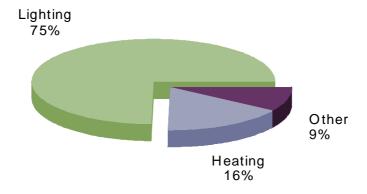




Note: "Other" includes: HVAC Auxiliary: 5.9%, Refrigeration: 4.7%, Water Heat: 3.3%, Plug Load: 0.2%, Cooking: 0.2%

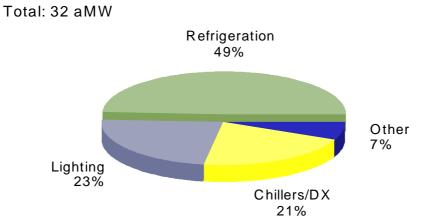
Figure 84. Commercial Achievable Potential in 2027 by End Use, UT, School

Total: 24 aMW



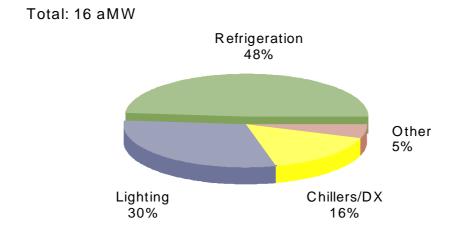
Note: "Other" includes: Refrigeration: 5.7%, Chillers/DX: 1.6%, Water Heat: 1.3%, HVAC Auxiliary: 0.5%, Plug Load: 0.2%

Figure 85. Commercial Technical Potential in 2027 by End Use, UT, Warehouse



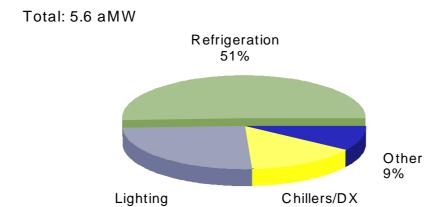
Note: "Other" includes: Heating: 3.0%, Heat Pump: 2.1%, Cooking: 0.6%, HVAC Auxiliary: 0.5%, Water Heat: 0.3%, Plug Load: 0.2%

Figure 86. Commercial Achievable Potential in 2027 by End Use, UT, Warehouse



Note: "Other" includes: Heating: 2.6%, Heat Pump: 1.6%, Cooking: 0.6%, HVAC Auxiliary: 0.4%, Plug Load: 0.2%

Figure 87. Commercial Technical Potential in 2027 by End Use, WA, Grocery

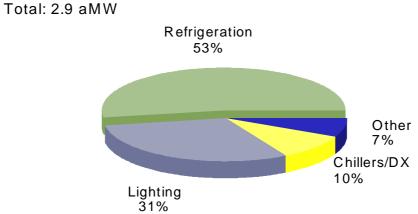


25%

Note: "Other" includes: Heating: 4.5%, Heat Pump: 2.7%, Cooking: 1.0%, Water Heat: 0.6%, HVAC Auxiliary: 0.5%, Plug Load: 0.2%

15%

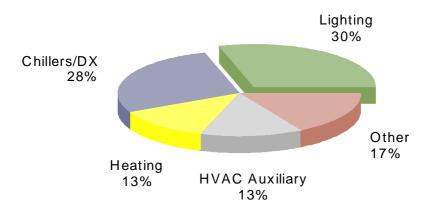
Figure 88. Commercial Achievable Potential in 2027 by End Use, WA, Grocery



Note: "Other" includes: Heating: 3.6%, Heat Pump: 2.0%, Cooking: 1.0%, HVAC Auxiliary: 0.3%, Water Heat: 0.1%, Plug Load: 0.1%

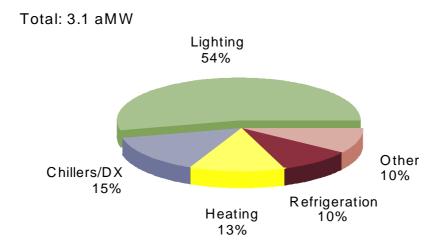
Figure 89. Commercial Technical Potential in 2027 by End Use, WA, Health

Total: 10 aMW



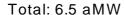
Note: "Other" includes: Refrigeration: 6.4%, Water Heat: 6.0%, Heat Pump: 3.3%, Plug Load: 1.0%

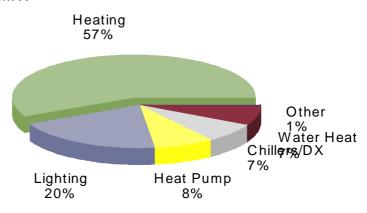
Figure 90. Commercial Achievable Potential in 2027 by End Use, WA, Health



Note: "Other" includes: Water Heat: 3.4%, HVAC Auxiliary: 2.8%, Heat Pump: 2.0%, Plug Load: 1.4%

Figure 91. Commercial Technical Potential in 2027 by End Use, WA, Lodging

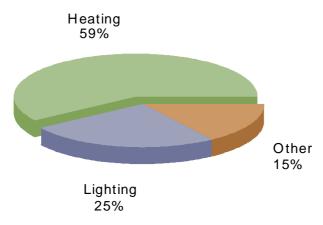




Note: "Other" includes: HVAC Auxiliary: 0.4%, Plug Load: 0.1%

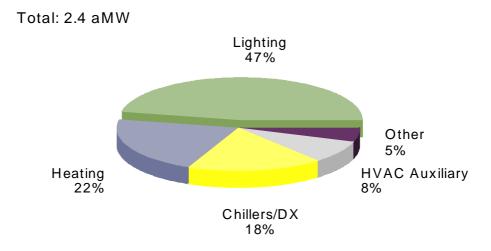
Figure 92. Commercial Achievable Potential in 2027 by End Use, WA, Lodging

Total: 2.6 aMW



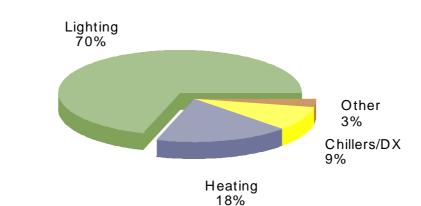
Note: "Other" includes: Heat Pump: 6.6%, Chillers/DX: 4.6%, Water Heat: 4.3%

Figure 93. Commercial Technical Potential in 2027 by End Use, WA, Miscellaneous



Note: "Other" includes: Heat Pump: 3.9%, Water Heat: 1.3%, Plug Load: 0.1%

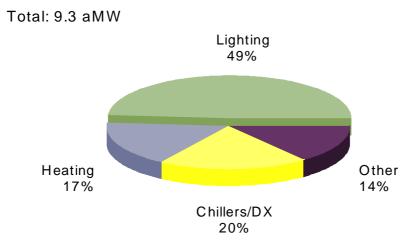
Figure 94. Commercial Achievable Potential in 2027 by End Use, WA, Miscellaneous



Total: 1.0 aMW

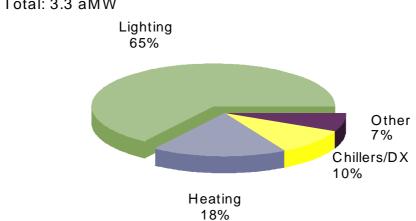
Note: "Other" includes: Heat Pump: 2.7%, Water Heat: 0.3%

Figure 95. Commercial Technical Potential in 2027 by End Use, WA, Office



Note: "Other" includes: Heat Pump: 5.8%, HVAC Auxiliary: 4.5%, Water Heat: 2.7%, Plug Load: 1.5%

Figure 96. Commercial Achievable Potential in 2027 by End Use, WA, Office

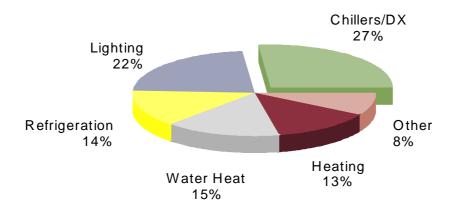


Total: 3.3 aMW

Note: "Other" includes: Heat Pump: 4.2%, Plug Load: 1.3%, Water Heat: 1.1%, HVAC Auxiliary: 0.2%

Figure 97. Commercial Technical Potential in 2027 by End Use, WA, Restaurant

Total: 1.6 aMW



Note: "Other" includes: Cooking: 6.2%, Heat Pump: 1.6%, HVAC Auxiliary: 0.7%

Figure 98. Commercial Achievable Potential in 2027 by End Use, WA, Restaurant

Total: 0.7 aMW

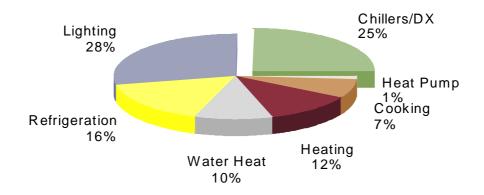
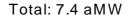
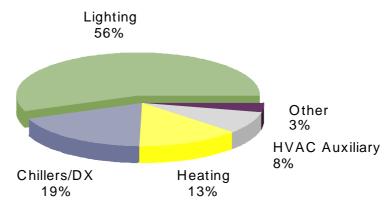


Figure 99. Commercial Technical Potential in 2027 by End Use, WA, Retail

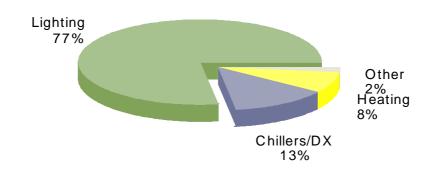




Note: "Other" includes: Water Heat: 1.8%, Heat Pump: 1.2%, Plug Load: 0.4%

Figure 100.: Commercial Achievable Potential in 2027 by End Use, WA, Retail

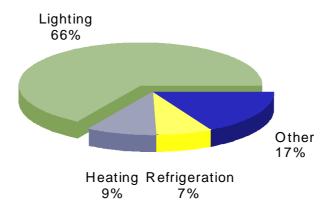
Total: 3.7 aMW



Note: "Other" includes: Heat Pump: 0.9%, Water Heat: 0.6%, Plug Load: 0.3%

Figure 101.: Commercial Technical Potential in 2027 by End Use, WA, School

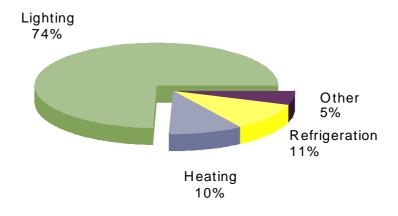
Total: 2.1 aMW



Note: "Other" includes: HVAC Auxiliary: 4.6%, Heat Pump: 4.4%, Chillers/DX: 4.2%, Water Heat: 3.3%, Cooking: 0.3%, Plug Load: 0.2%

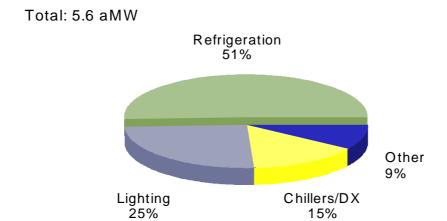
Figure 102.: Commercial Achievable Potential in 2027 by End Use, WA, School

Total: 0.8 aMW



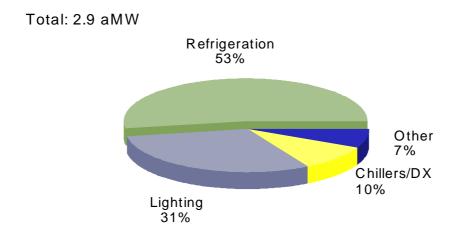
Note: "Other" includes: Heat Pump: 3.4%, Water Heat: 1.6%, Chillers/DX: 0.2%, Plug Load: 0.1%

Figure 103.: Commercial Technical Potential in 2027 by End Use, WA, Warehouse



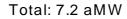
Note: "Other" includes: Heating: 4.5%, Heat Pump: 2.7%, Cooking: 1.0%, Water Heat: 0.6%, HVAC Auxiliary: 0.5%, Plug Load: 0.2%

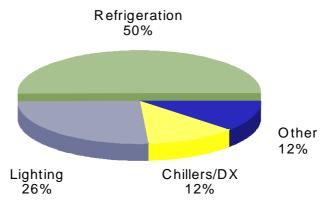
Figure 104.: Commercial Achievable Potential in 2027 by End Use, WA, Warehouse



Note: "Other" includes: Heating: 3.6%, Heat Pump: 2.0%, Cooking: 1.0%, HVAC Auxiliary: 0.3%, Water Heat: 0.1%, Plug Load: 0.1%

Figure 105.: Commercial Technical Potential in 2027 by End Use, WY, Grocery

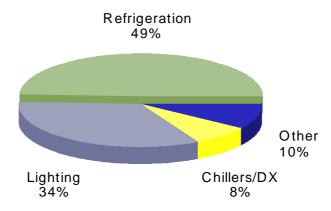




Note: "Other" includes: Heating: 6.0%, Heat Pump: 3.1%, Water Heat: 1.1%, Cooking: 0.7%, HVAC Auxiliary: 0.6%, Plug Load: 0.3%

Figure 106.: Commercial Achievable Potential in 2027 by End Use, WY, Grocery

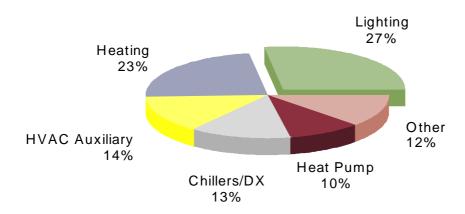
Total: 3.7 aMW



Note: "Other" includes: Heating: 5.4%, Heat Pump: 2.5%, Cooking: 0.7%, HVAC Auxiliary: 0.5%, Water Heat: 0.2%, Plug Load: 0.2%

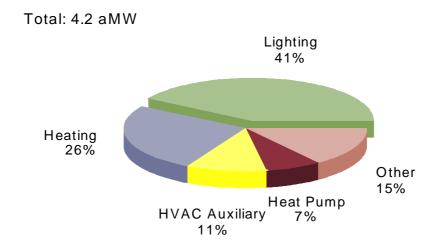
Figure 107.: Commercial Technical Potential in 2027 by End Use, WY, Health

Total: 9.9 aMW



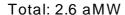
Note: "Other" includes: Refrigeration: 6.0%, Water Heat: 5.3%, Plug Load: 0.9%

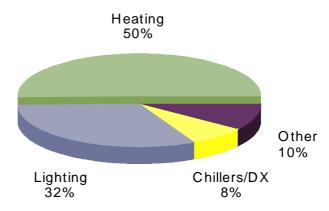
Figure 108.: Commercial Achievable Potential in 2027 by End Use, WY, Health



Note: "Other" includes: Refrigeration: 6.7%, Chillers/DX: 4.6%, Water Heat: 2.6%, Plug Load: 1.0%

Figure 109. : Commercial Technical Potential in 2027 by End Use, WY, Lodging

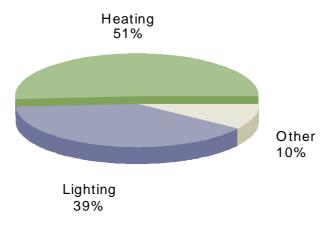




Note: "Other" includes: Water Heat: 5.0%, Heat Pump: 3.7%, HVAC Auxiliary: 1.1%, Plug Load: 0.2%

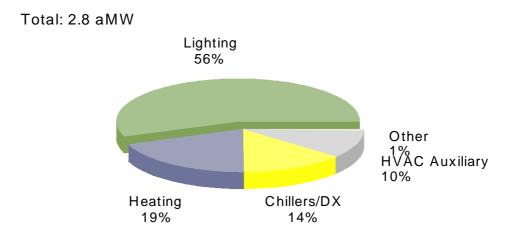
Figure 110.: Commercial Achievable Potential in 2027 by End Use, WY, Lodging

Total: 1.2 aMW



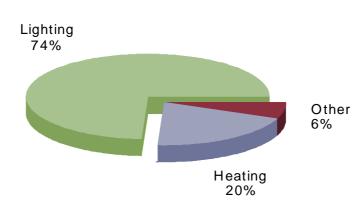
Note: "Other" includes: Chillers/DX: 4.0%, Heat Pump: 2.8%, Water Heat: 2.5%, HVAC Auxiliary: 0.4%

Figure 111.: Commercial Technical Potential in 2027 by End Use, WY, Miscellaneous



Note: "Other" includes: Water Heat: 0.6%, Plug Load: 0.2%

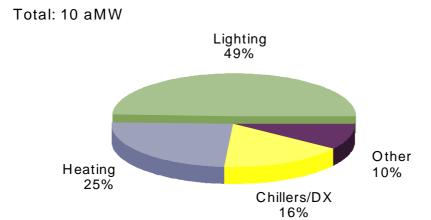
Figure 112.: Commercial Achievable Potential in 2027 by End Use, WY, Miscellaneous



Total: 1.3 aMW

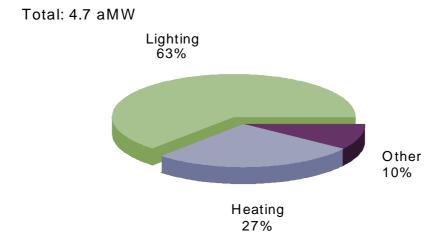
Note: "Other" includes: Chillers/DX: 5.9%, Water Heat: 0.2%

Figure 113.: Commercial Technical Potential in 2027 by End Use, WY, Office



Note: "Other" includes: HVAC Auxiliary: 4.4%, Heat Pump: 1.9%, Water Heat: 1.9%, Plug Load: 1.6%

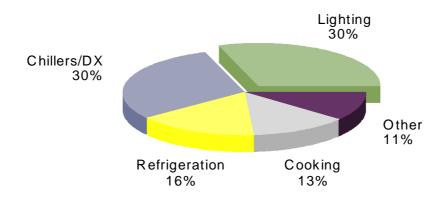
Figure 114.: Commercial Achievable Potential in 2027 by End Use, WY, Office



Note: "Other" includes: Chillers/DX: 6.4%, Heat Pump: 1.6%, Plug Load: 1.0%, Water Heat: 0.6%, HVAC Auxiliary: 0.3%

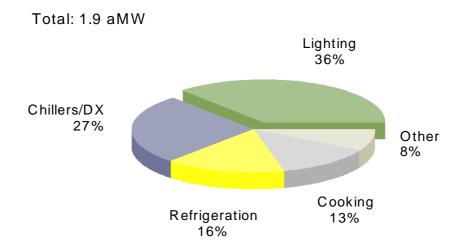
Figure 115.: Commercial Technical Potential in 2027 by End Use, WY, Restaurant

Total: 3.7 aMW



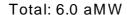
Note: "Other" includes: Heating: 6.0%, Water Heat: 4.2%, HVAC Auxiliary: 0.8%

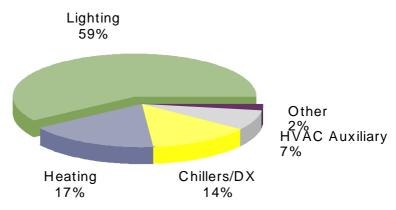
Figure 116.: Commercial Achievable Potential in 2027 by End Use, WY, Restaurant



Note: "Other" includes: Heating: 5.2%, Water Heat: 3.0%

Figure 117.: Commercial Technical Potential in 2027 by End Use, WY, Retail

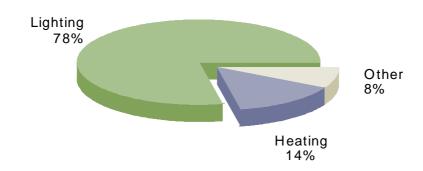




Note: "Other" includes: Water Heat: 1.3% , Heat Pump: 0.7% , Plug Load: 0.5%

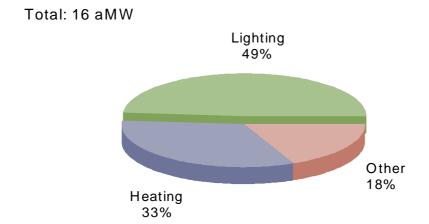
Figure 118.: Commercial Achievable Potential in 2027 by End Use, WY, Retail

Total: 3.2 aMW



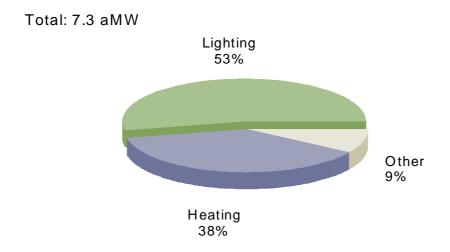
Note: "Other" includes: Chillers/DX: 6.6%, Heat Pump: 0.7%, Water Heat: 0.4%, Plug Load: 0.3%

Figure 119.: Commercial Technical Potential in 2027 by End Use, WY, School



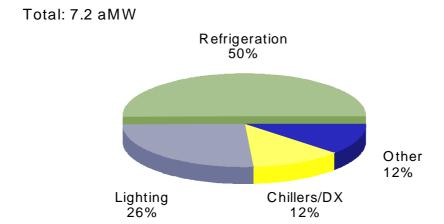
Note: "Other" includes: Water Heat: 6.1%, Refrigeration: 5.6%, HVAC Auxiliary: 4.9%, Chillers/DX: 1.5%, Plug Load: 0.2%, Cooking: 0.1

Figure 120.: Commercial Achievable Potential in 2027 by End Use, WY, School



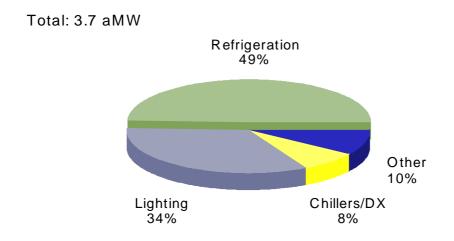
Note: "Other" includes: Refrigeration: 6.2%, Water Heat: 2.3%, HVAC Auxiliary: 0.5%, Plug Load: 0.1%

Figure 121.: Commercial Technical Potential in 2027 by End Use, WY, Warehouse



Note: "Other" includes: Heating: 6.0%, Heat Pump: 3.1%, Water Heat: 1.1%, Cooking: 0.7%, HVAC Auxiliary: 0.6%, Plug Load: 0.3%

Figure 122.: Commercial Achievable Potential in 2027 by End Use, WY, Warehouse



Note: "Other" includes: Heating: 5.4%, Heat Pump: 2.5%, Cooking: 0.7%, HVAC Auxiliary: 0.5%, Water Heat: 0.2%, Plug Load: 0.2%

## **Detailed Savings Results by Resource Category**

Figure 123.: Commercial Technical Potential in 2027 by Resource Category, System



Figure 124.: Commercial Achievable Potential in 2027 by Resource Category, System



Figure 125.: Commercial Technical Potential in 2027 by Resource Category, Pacific Power

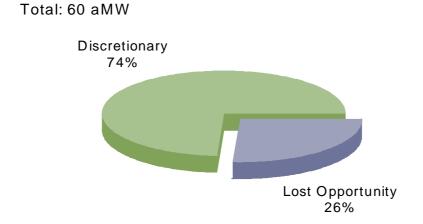


Figure 126. : Commercial Achievable Potential in 2027 by Resource Category, Pacific Power



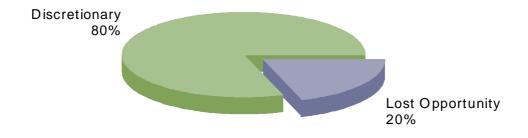


Figure 127.: Commercial Technical Potential in 2027 by Resource Category, Rocky Mountain Power



Figure 128.: Commercial Achievable Potential in 2027 by Resource Category, Rocky Mountain Power



Figure 129.: Commercial Technical Potential in 2027 by Resource Category, CA

Total: 12 aMW

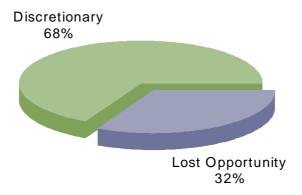


Figure 130.: Commercial Achievable Potential in 2027 by Resource Category, CA

Total: 4.4 aMW

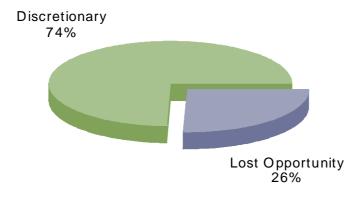


Figure 131.: Commercial Technical Potential in 2027 by Resource Category, ID



Figure 132.: Commercial Achievable Potential in 2027 by Resource Category, ID

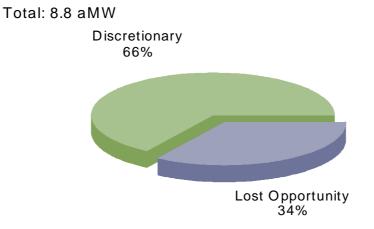


Figure 133.: Commercial Technical Potential in 2027 by Resource Category, UT



Figure 134.: Commercial Achievable Potential in 2027 by Resource Category, UT

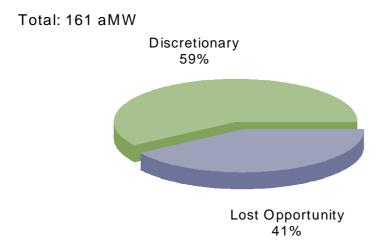


Figure 135.: Commercial Technical Potential in 2027 by Resource Category, WA

Total: 49 aMW

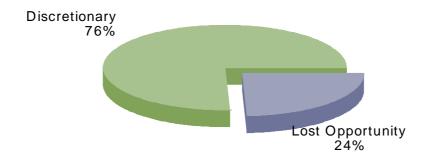


Figure 136.: Commercial Achievable Potential in 2027 by Resource Category, WA

Total: 20 aMW

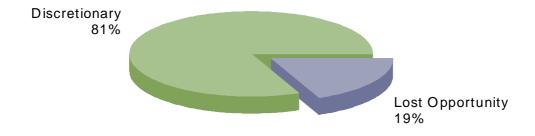


Figure 137.: Commercial Technical Potential in 2027 by Resource Category, WY

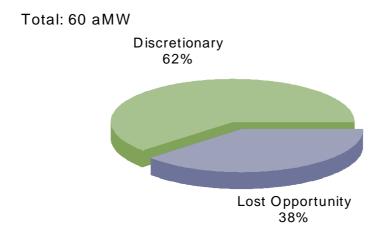
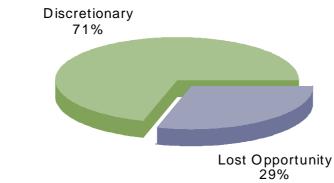


Figure 138.: Commercial Achievable Potential in 2027 by Resource Category, WY



Total: 28 aMW

## Detailed Savings Results by Urban vs. Rural

Figure 139.: Commercial Technical Potential in 2027 by Urban vs. Rural, System



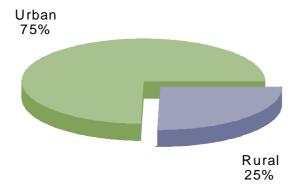


Figure 140.: Commercial Achievable Potential in 2027 by Urban vs. Rural, System

Total: 223 aMW

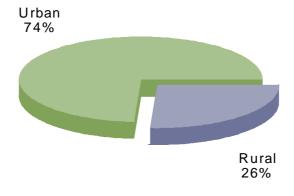


Figure 141.: Commercial Technical Potential in 2027 by Urban vs. Rural, Pacific Power

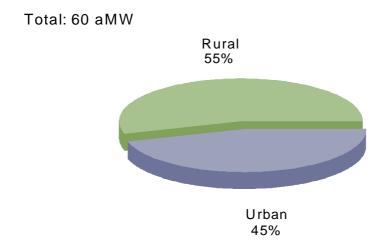


Figure 142.: Commercial Achievable Potential in 2027 by Urban vs. Rural, Pacific Power

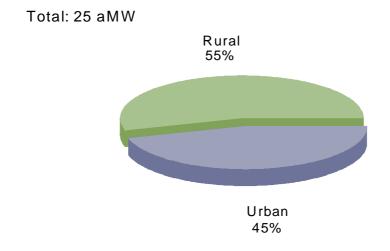


Figure 143.: Commercial Technical Potential in 2027 by Urban vs. Rural, Rocky Mountain Power



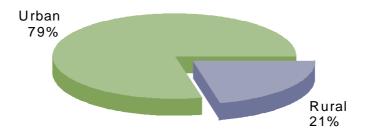


Figure 144.: Commercial Achievable Potential in 2027 by Urban vs. Rural, Rocky Mountain Power

Total: 198 aMW

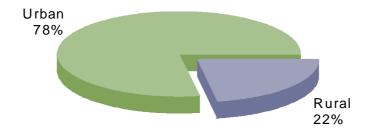


Figure 145.: Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Grocery

Total: 0.4 aMW

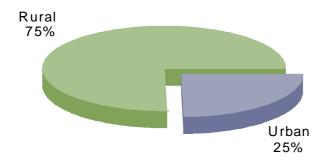


Figure 146.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Grocery

Total: 0.2 aMW

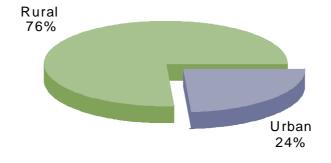
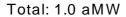


Figure 147.: Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Health



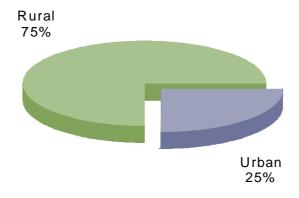


Figure 148.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Health

Total: 0.4 aMW

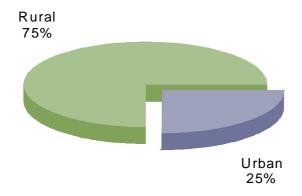


Figure 149. : Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Lodging

Total: 0.9 aMW

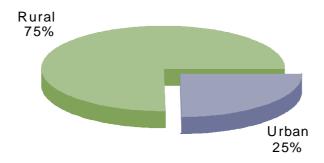


Figure 150.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Lodging

Total: 0.4 aMW

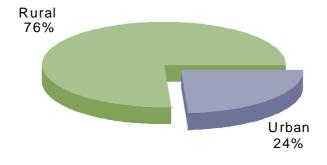


Figure 151. : Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Miscellaneous

Total: 0.2 aMW

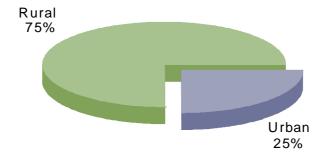


Figure 152.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Miscellaneous

Total: 0.1 aMW

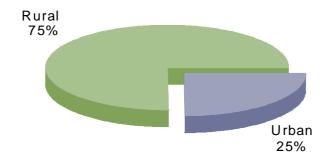


Figure 153.: Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Office

Total: 9.0 aMW

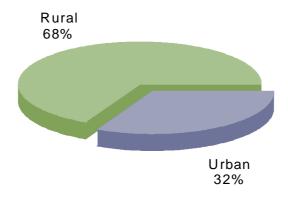


Figure 154.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Office

Total: 4.1 aMW

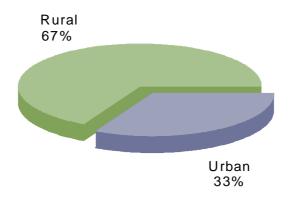


Figure 155. : Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Restaurant

Total: 0.2 aMW

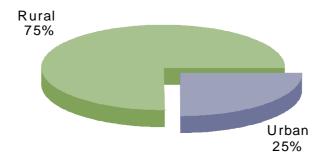


Figure 156.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Restaurant

Total: 0.1 aMW

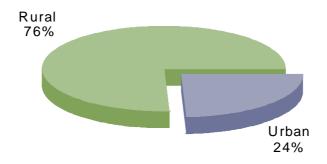


Figure 157.: Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Retail

Total: 3.4 aMW

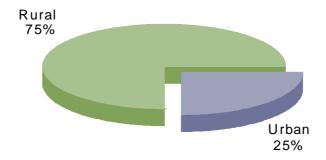


Figure 158.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Retail

Total: 1.8 aMW

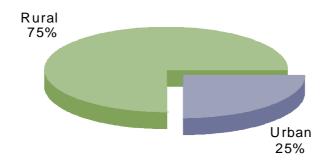


Figure 159.: Commercial Technical Potential in 2027 by Urban vs. Rural, ID, School

Total: 0.5 aMW

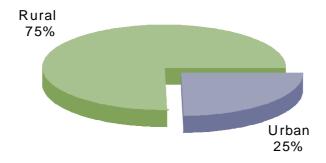


Figure 160.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, School

Total: 0.2 aMW

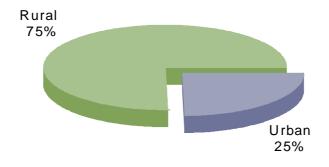


Figure 161.: Commercial Technical Potential in 2027 by Urban vs. Rural, ID, Warehouse

Total: 2.5 aMW

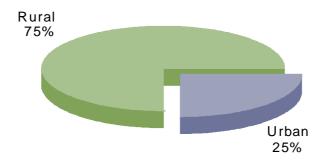


Figure 162.: Commercial Achievable Potential in 2027 by Urban vs. Rural, ID, Warehouse

Total: 1.5 aMW

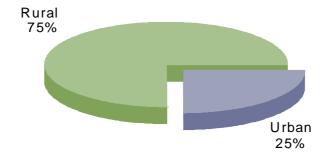


Figure 163.: Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Grocery



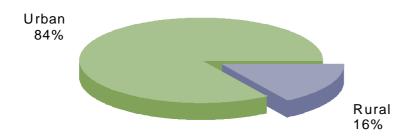


Figure 164.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Grocery

Total: 16 aMW

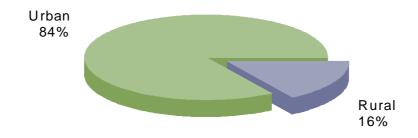
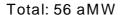


Figure 165.: Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Health



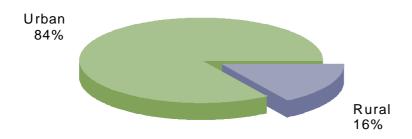


Figure 166.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Health

Total: 21 aMW

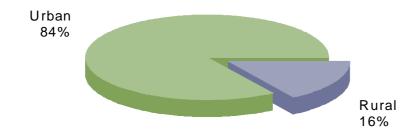


Figure 167.: Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Lodging

Total: 22 aMW

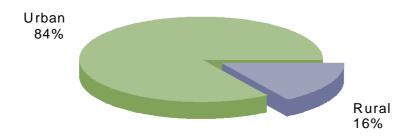


Figure 168.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Lodging

Total: 8.5 aMW

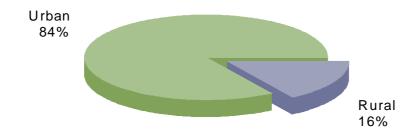


Figure 169. : Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Miscellaneous



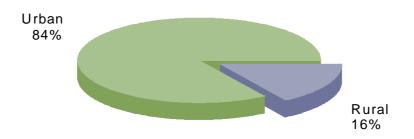


Figure 170.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Miscellaneous

Total: 13 aMW

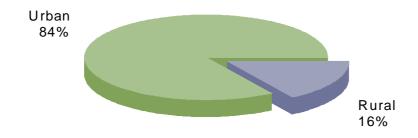


Figure 171.: Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Office

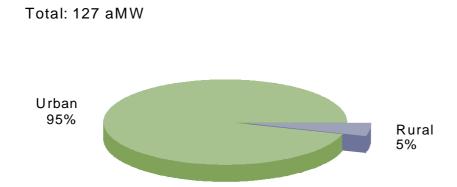
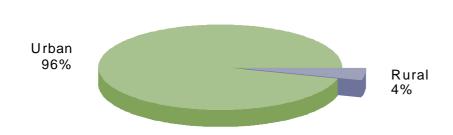


Figure 172.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Office



Total: 53 aMW

Figure 173.: Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Restaurant



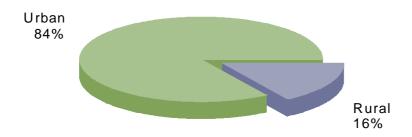


Figure 174. : Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Restaurant

Total: 4.4 aMW

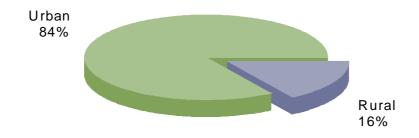


Figure 175.: Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Retail



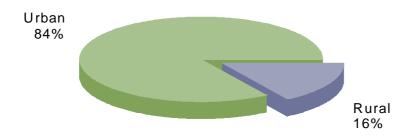


Figure 176.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Retail

Total: 17 aMW

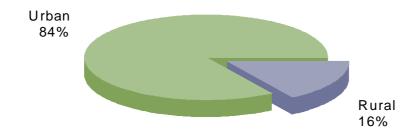


Figure 177.: Commercial Technical Potential in 2027 by Urban vs. Rural, UT, School



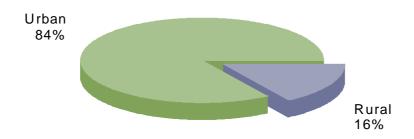


Figure 178.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, School

Total: 24 aMW

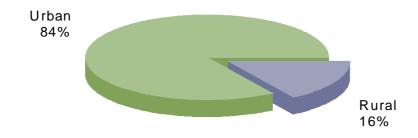
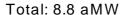


Figure 179. : Commercial Technical Potential in 2027 by Urban vs. Rural, UT, Warehouse



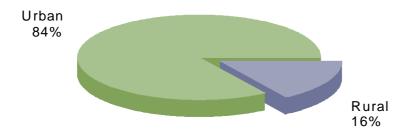


Figure 180.: Commercial Achievable Potential in 2027 by Urban vs. Rural, UT, Warehouse

Total: 5.1 aMW

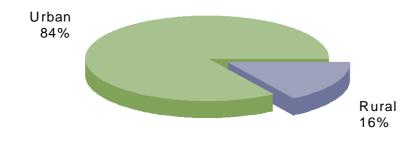


Figure 181.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Grocery

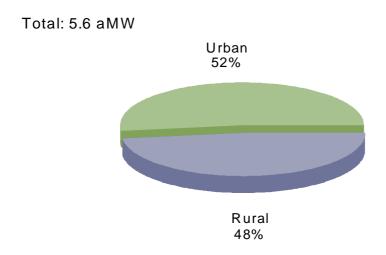


Figure 182.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Grocery

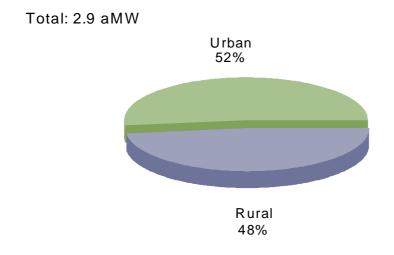


Figure 183.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Health

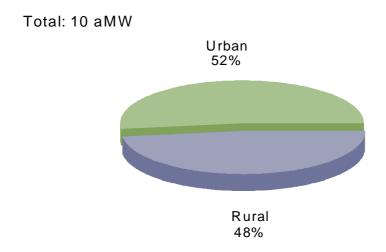


Figure 184.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Health

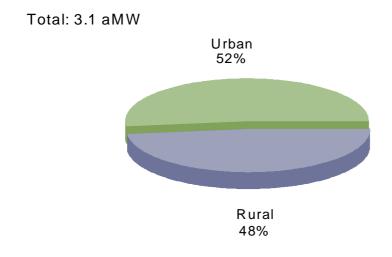


Figure 185.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Lodging

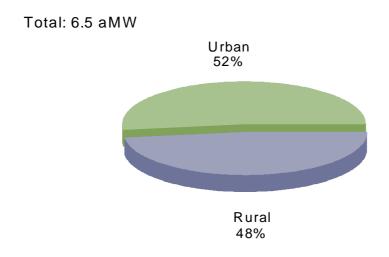


Figure 186.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Lodging

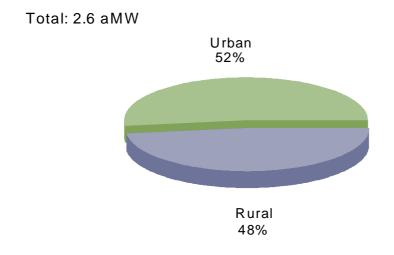


Figure 187.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Miscellaneous

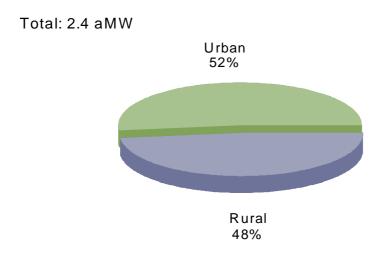


Figure 188.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Miscellaneous

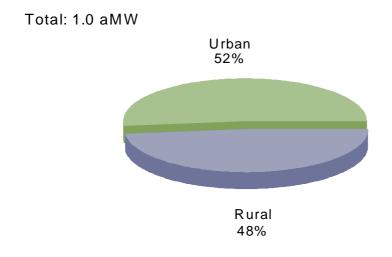
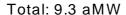


Figure 189.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Office



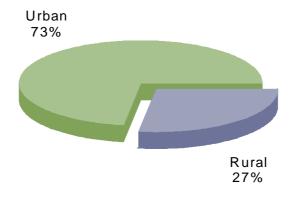


Figure 190.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Office

Total: 3.3 aMW

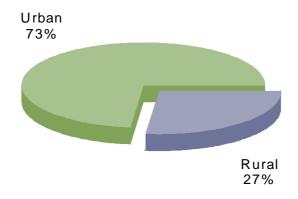


Figure 191.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Restaurant

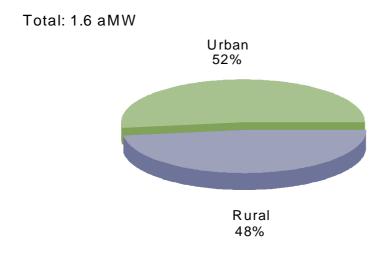


Figure 192.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Restaurant

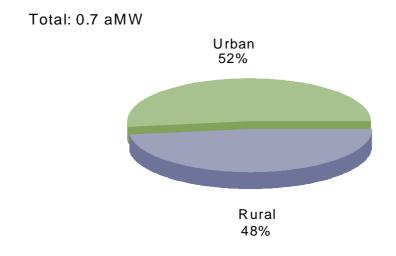


Figure 193.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Retail

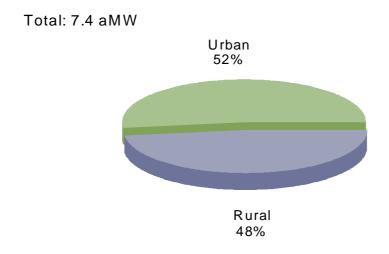


Figure 194.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Retail

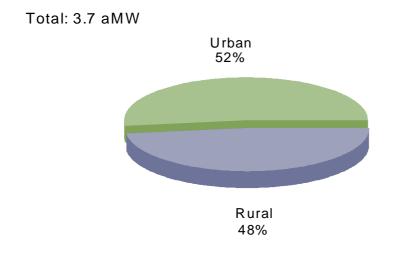


Figure 195.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, School

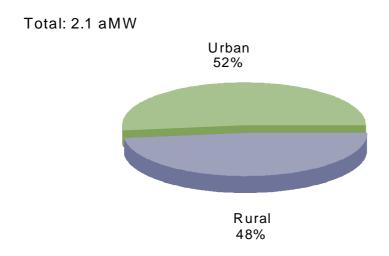


Figure 196.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, School

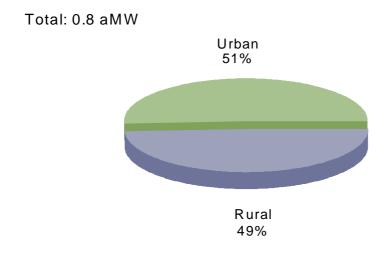


Figure 197.: Commercial Technical Potential in 2027 by Urban vs. Rural, WA, Warehouse

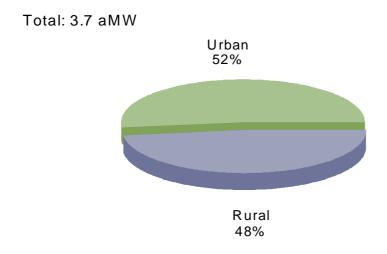


Figure 198.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WA, Warehouse

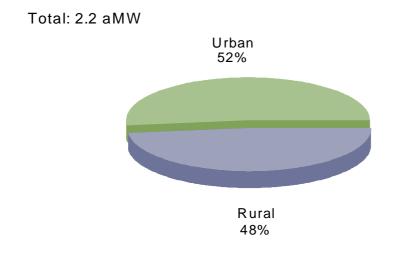


Figure 199.: Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Grocery

Total: 7.2 aMW

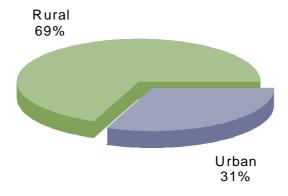


Figure 200.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Grocery

Total: 3.7 aMW

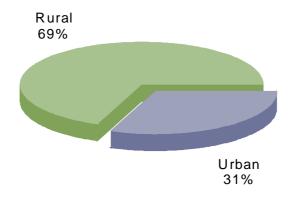


Figure 201.: Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Health

Total: 9.9 aMW

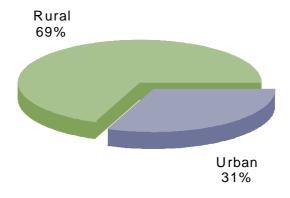


Figure 202.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Health

Total: 4.2 aMW

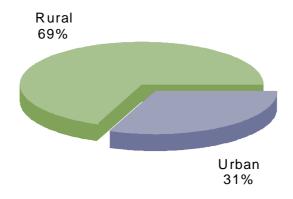


Figure 203.: Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Lodging

Total: 2.6 aMW

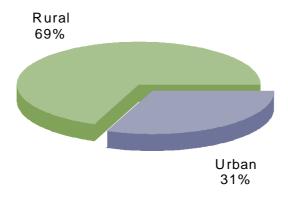


Figure 204.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Lodging

Total: 1.2 aMW

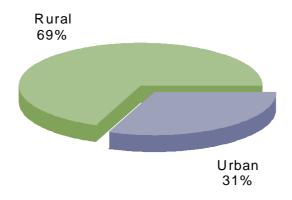
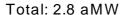


Figure 205.: Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Miscellaneous



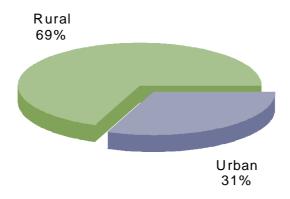


Figure 206.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Miscellaneous

Total: 1.3 aMW

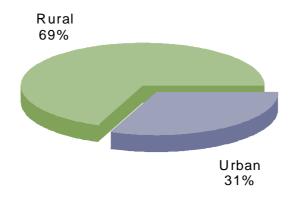


Figure 207.: Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Office

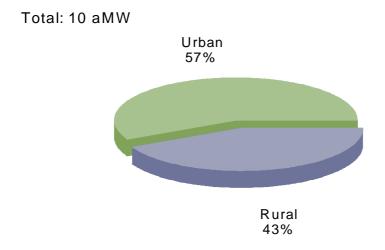


Figure 208.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Office

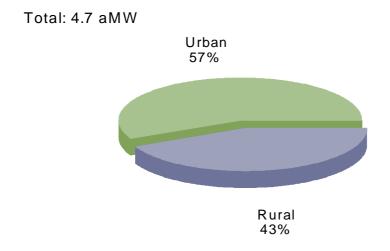


Figure 209. : Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Restaurant

Total: 3.7 aMW

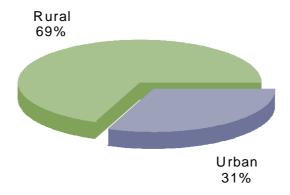


Figure 210.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Restaurant

Total: 1.9 aMW

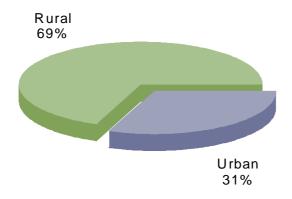
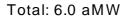


Figure 211. : Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Retail



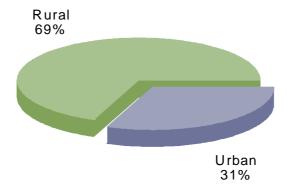


Figure 212.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Retail

Total: 3.2 aMW

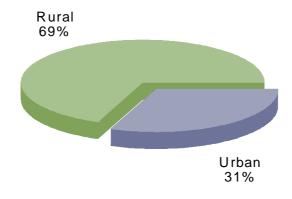


Figure 213.: Commercial Technical Potential in 2027 by Urban vs. Rural, WY, School

Total: 16 aMW

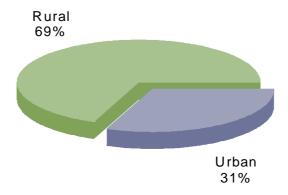


Figure 214.: Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, School

Total: 7.3 aMW

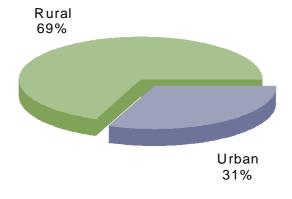


Figure 215.: Commercial Technical Potential in 2027 by Urban vs. Rural, WY, Warehouse

Total: 1.6 aMW

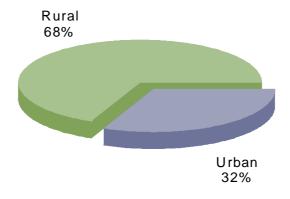


Figure 216. : Commercial Achievable Potential in 2027 by Urban vs. Rural, WY, Warehouse

Total: 1.0 aMW

