

**APPENDIX 10B. DETAILED NATIONAL ENERGY SAVINGS AND NATIONAL NET
PRESENT VALUE RESULTS**

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APPENDIX 10B. DETAILED NATIONAL ENERGY SAVINGS AND NATIONAL NET PRESENT VALUE RESULTS

10B.1 INTRODUCTION

This appendix contains detailed output results from the National Impact Analysis spreadsheet model. Results are presented for each equipment class in terms of cumulative national energy savings (NES) measured at the source, and cumulative net present value (NPV) at each candidate standard level and at a national level. See chapter 10 for an explanation of the figures in this appendix.

10B.2 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, WATER-COOLED, SMALL, BATCH (IMH-W-SMALL-B)

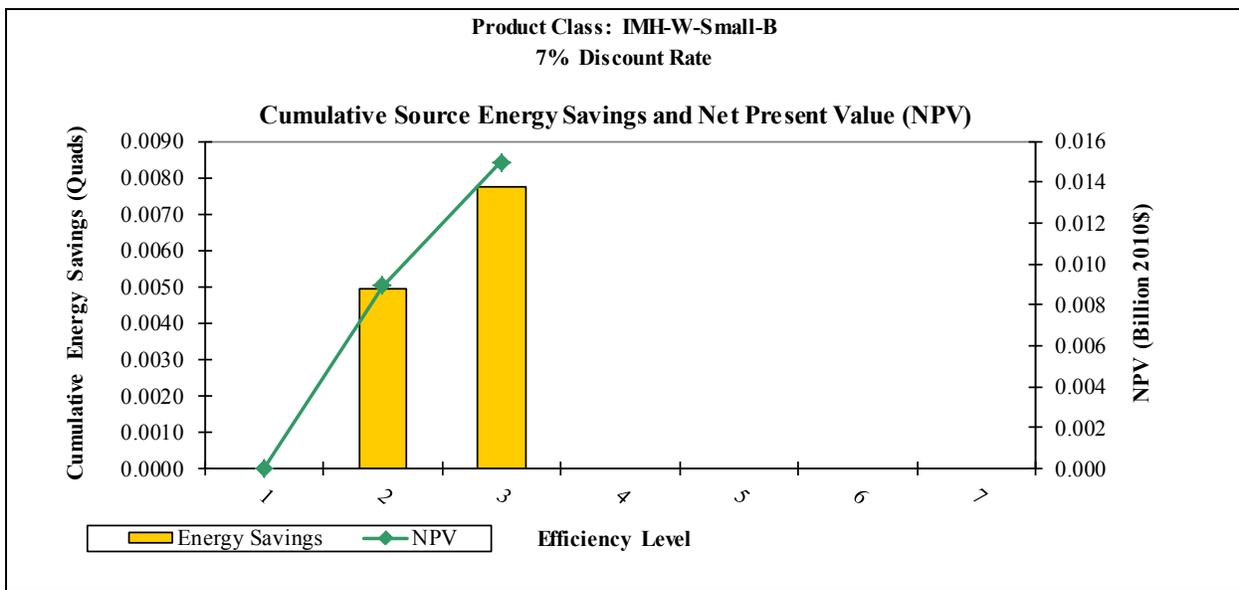


Figure 10B.2.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-W-Small-B

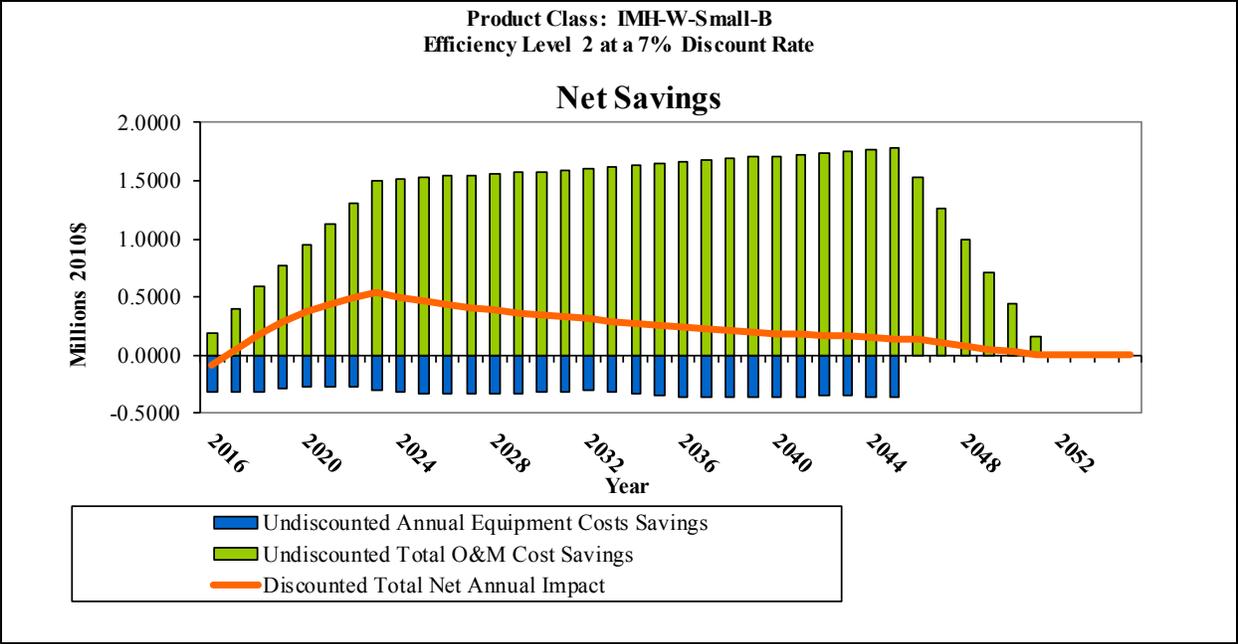


Figure 10B.2.2 National Annual Costs and Savings for IMH-W-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

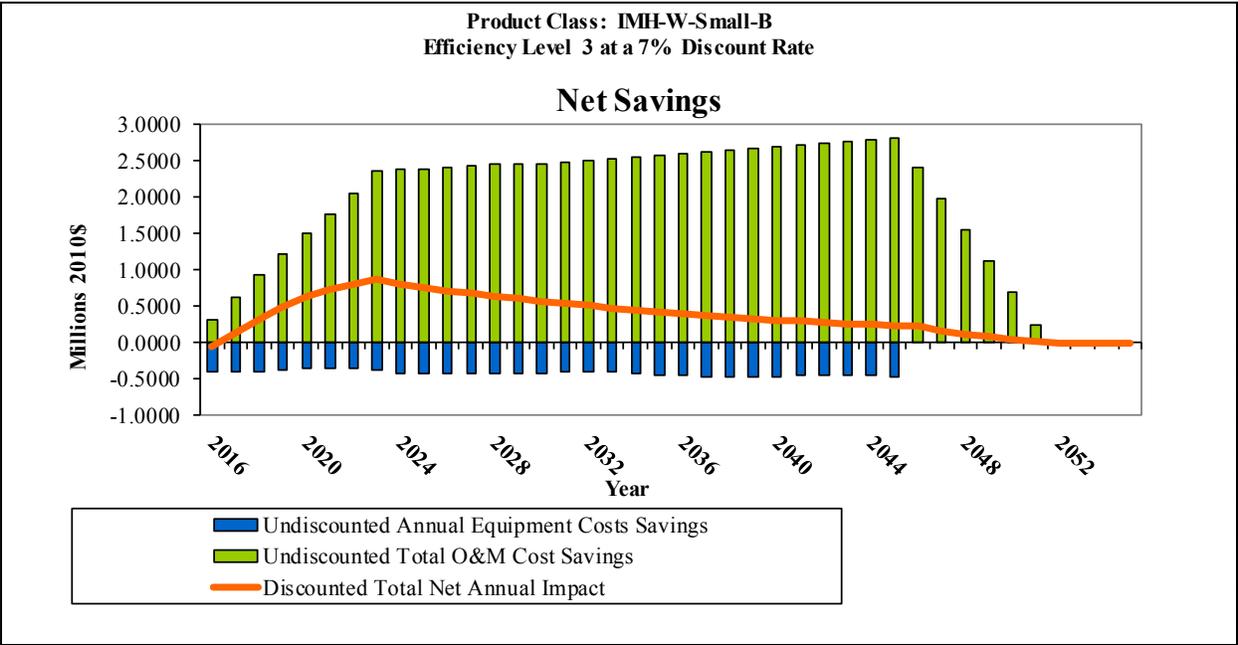


Figure 10B.2.3 National Annual Costs and Savings for IMH-W-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

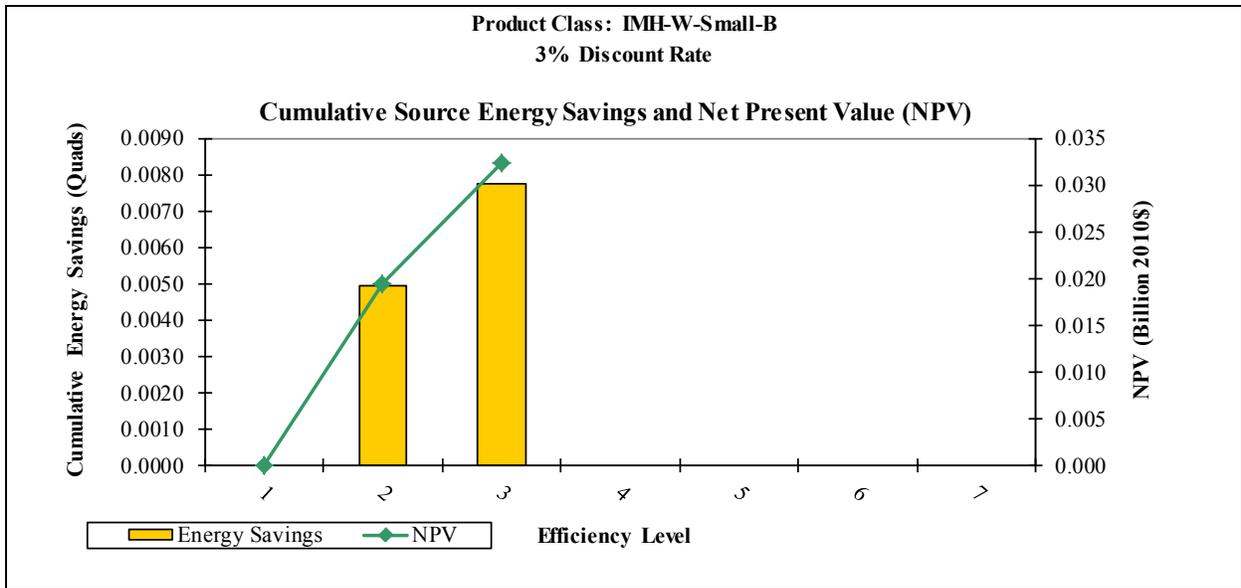


Figure 10B.2.4 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-W-Small-B

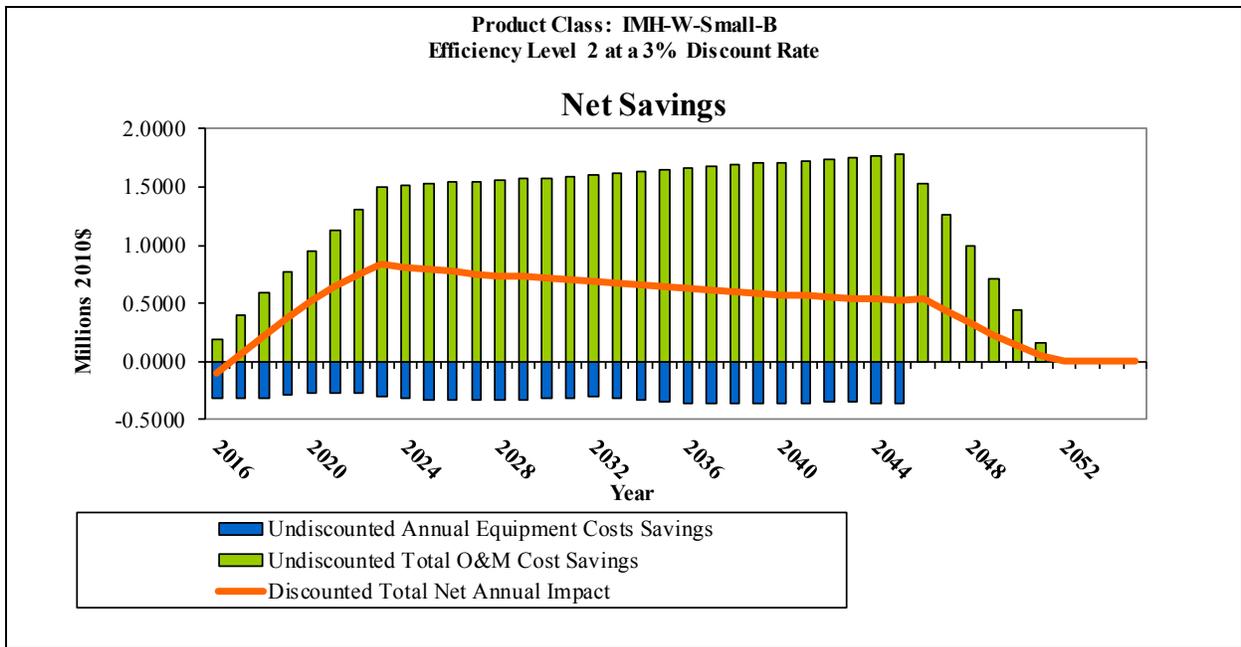


Figure 10B.2.5 National Annual Costs and Savings for IMH-W-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

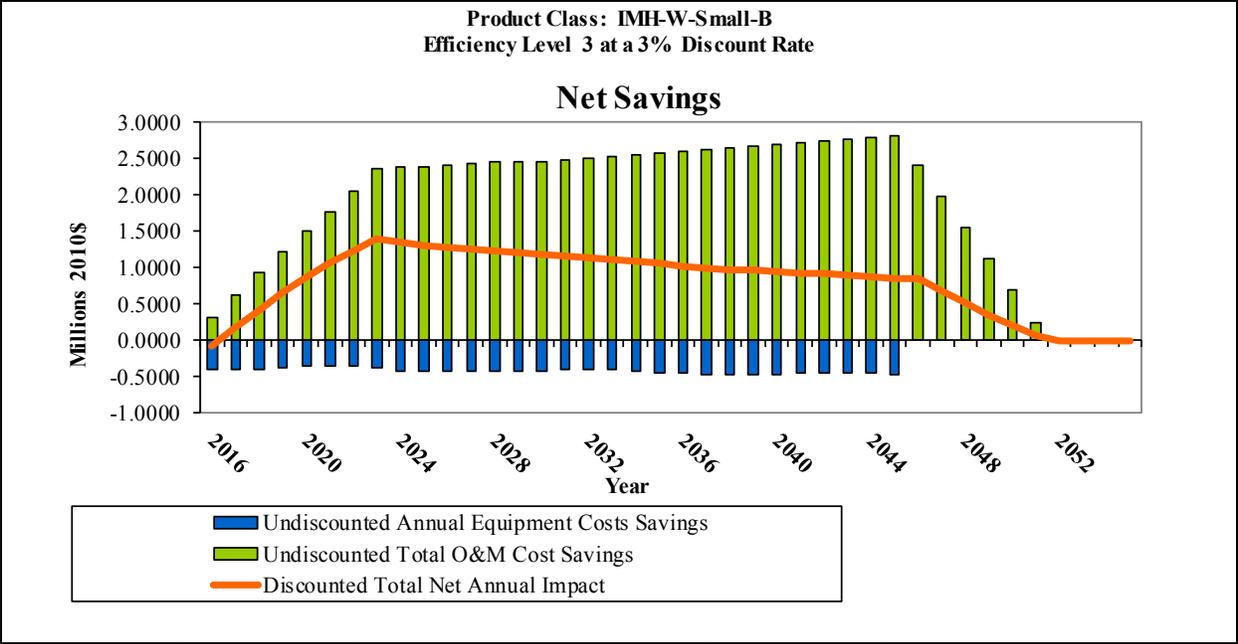


Figure 10B.2.6 National Annual Costs and Savings for IMH-W-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.3 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, WATER-COOLED, MEDIUM, BATCH (IMH-W-MED-B)

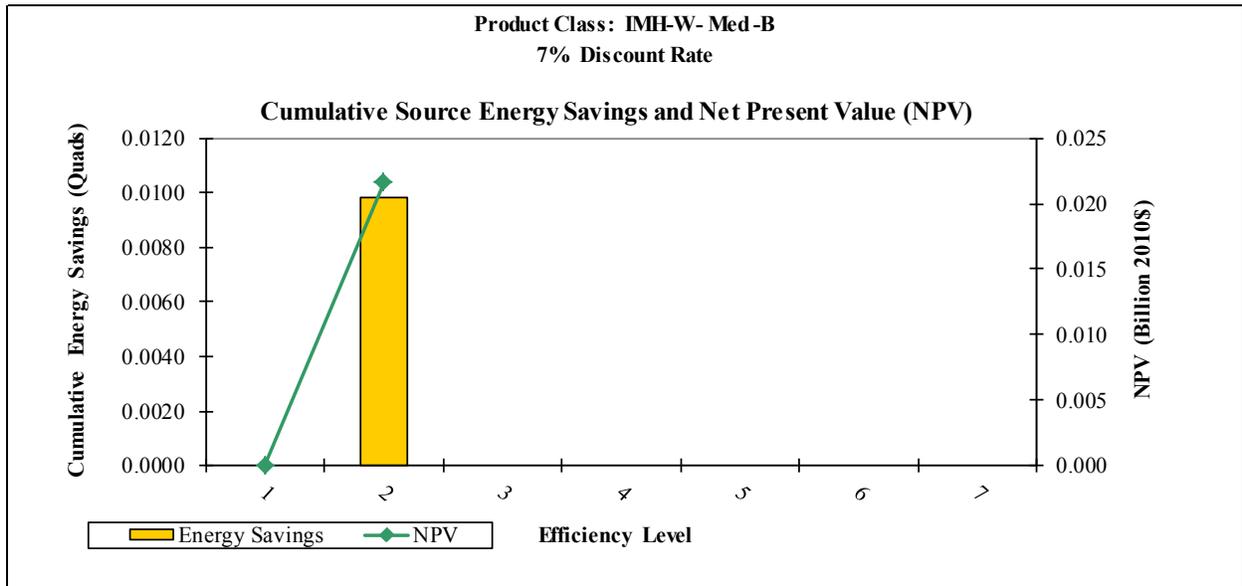


Figure 10B.3.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-W-Med-B

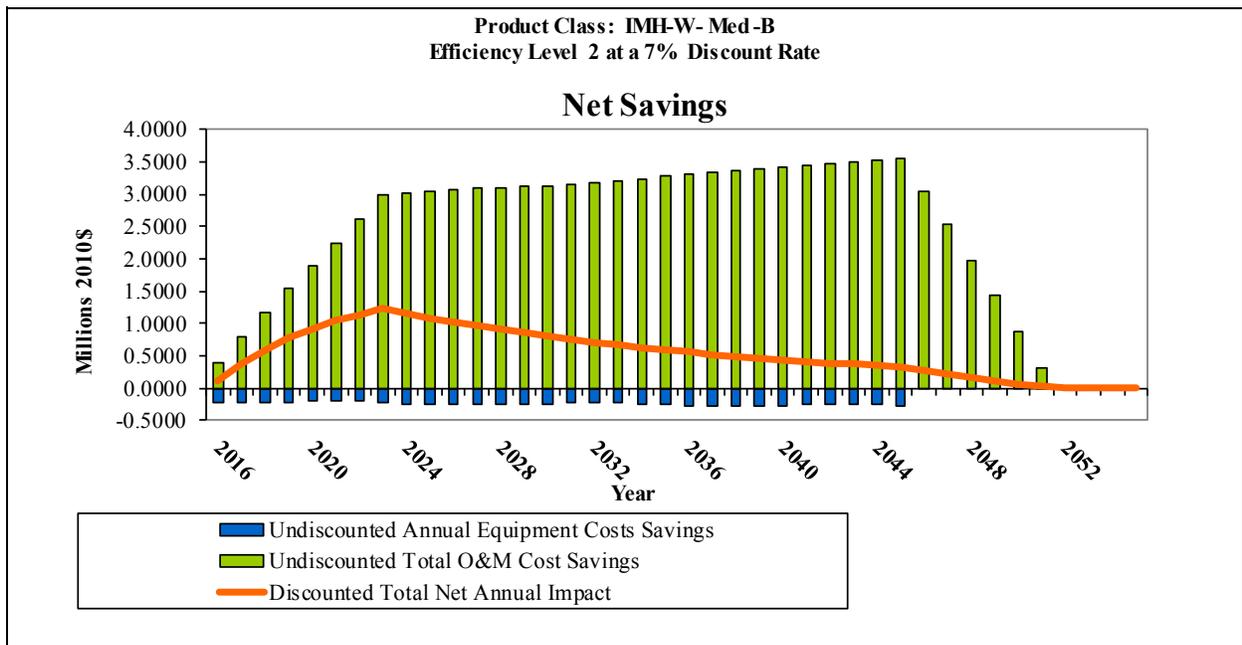


Figure 10B.3.2 National Annual Costs and Savings for IMH-W-Med-B Based on a 7-Percent Discount Rate (Million 2010\$)

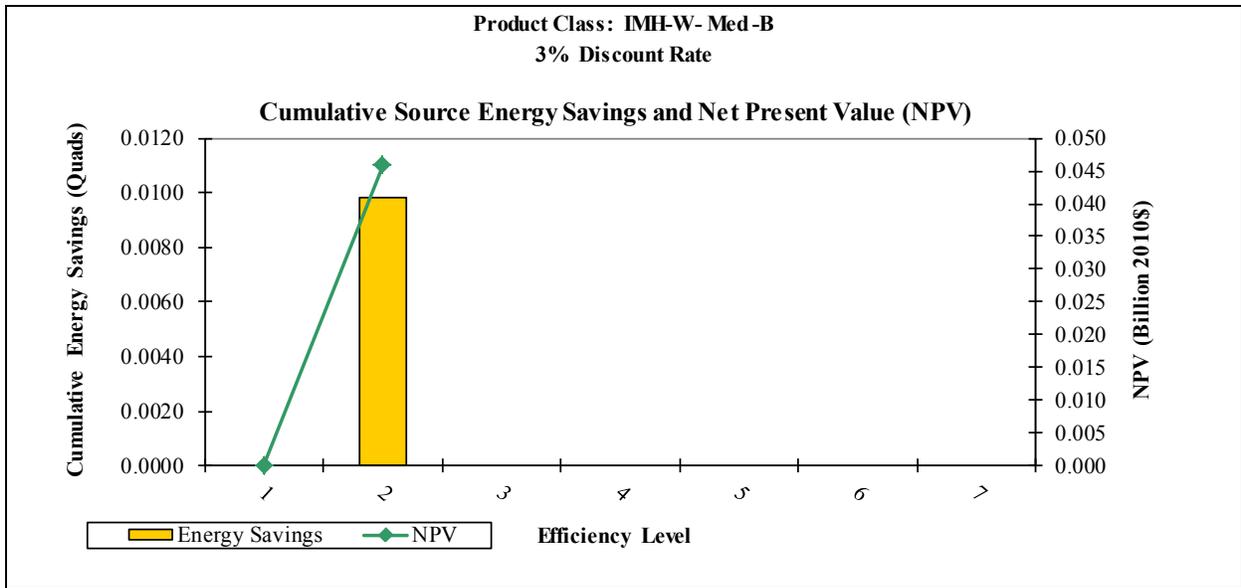


Figure 10B.3.3 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-W-Med-B

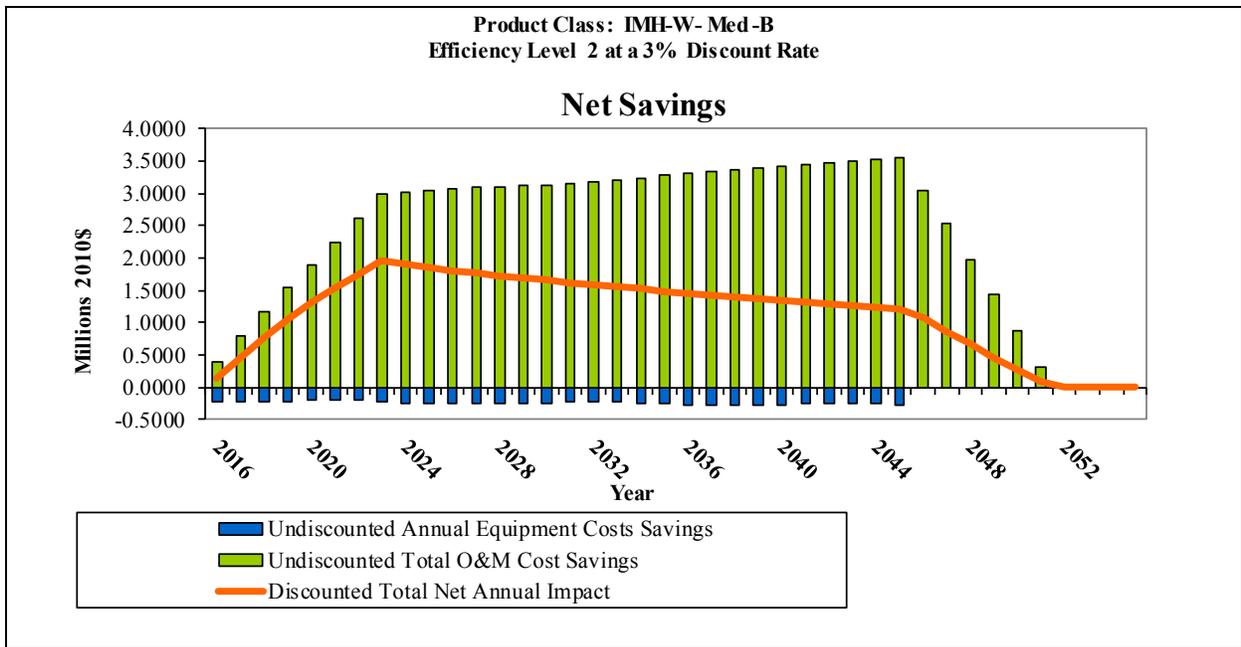


Figure 10B.3.4 National Annual Costs and Savings for IMH-W-Med-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.4 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, WATER-COOLED, LARGE, BATCH (IMH-W-LARGE-B)

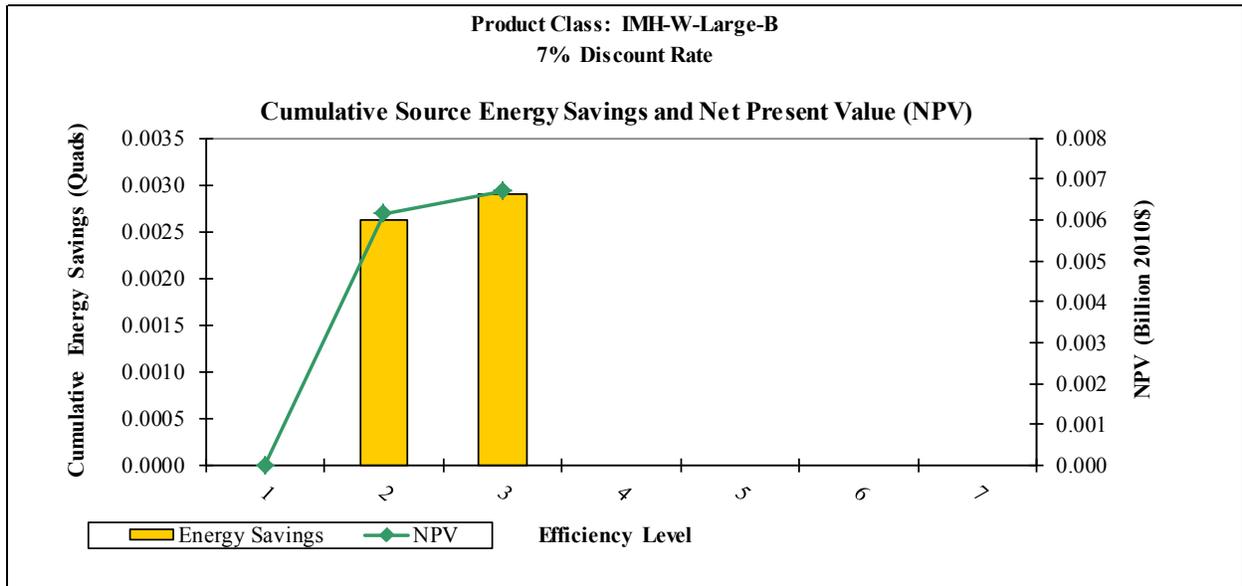


Figure 10B.4.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-W-Large-B

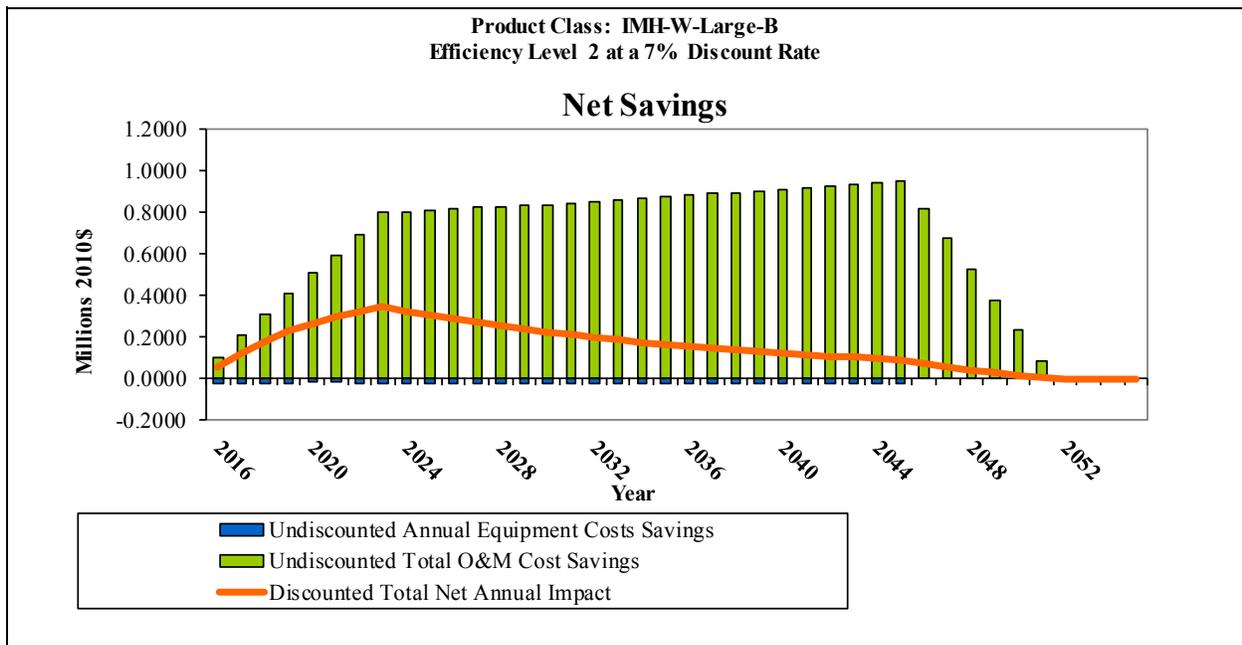


Figure 10B.4.2 National Annual Costs and Savings for IMH-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

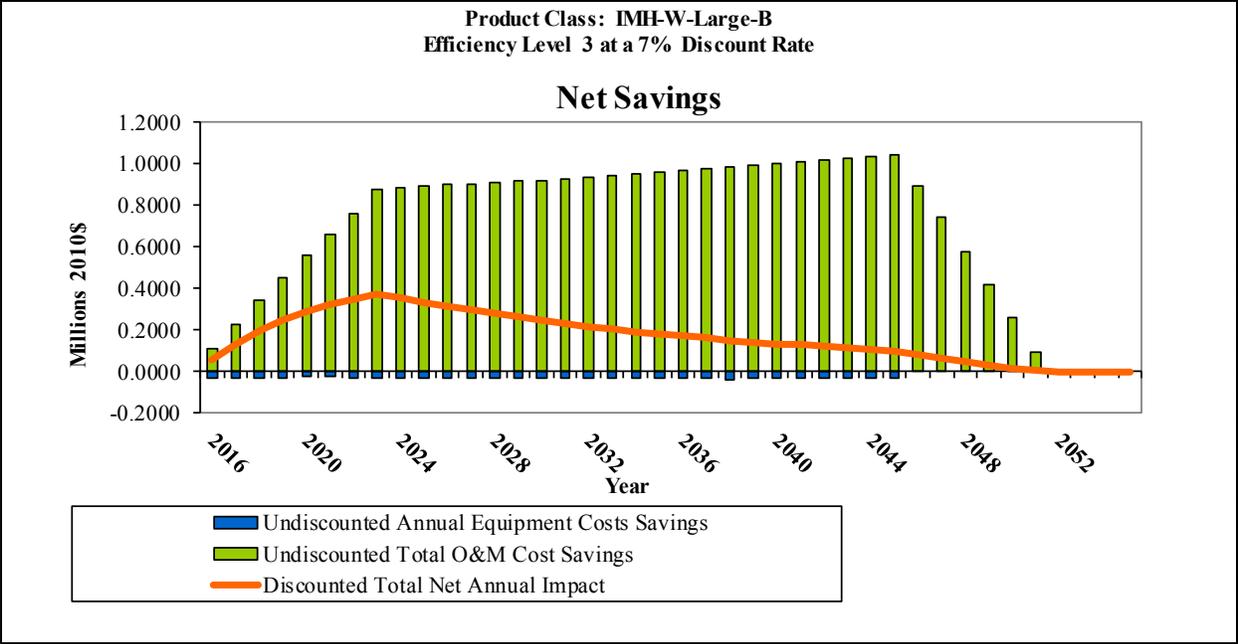


Figure 10B.4.3 National Annual Costs and Savings for IMH-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

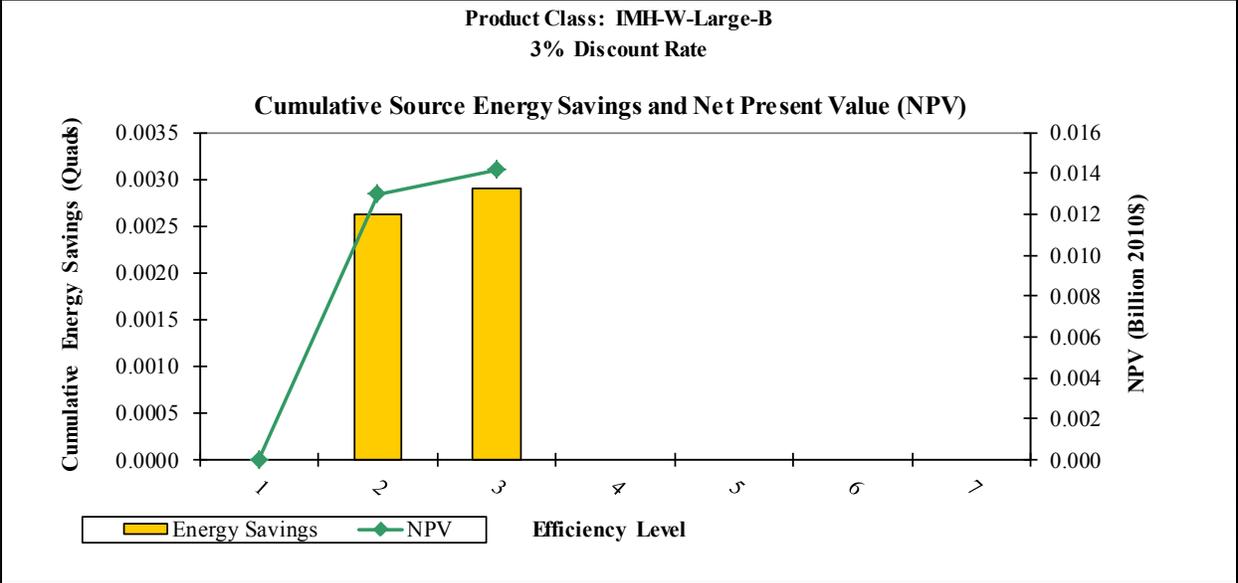


Figure 10B.4.4 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-W-Large-B

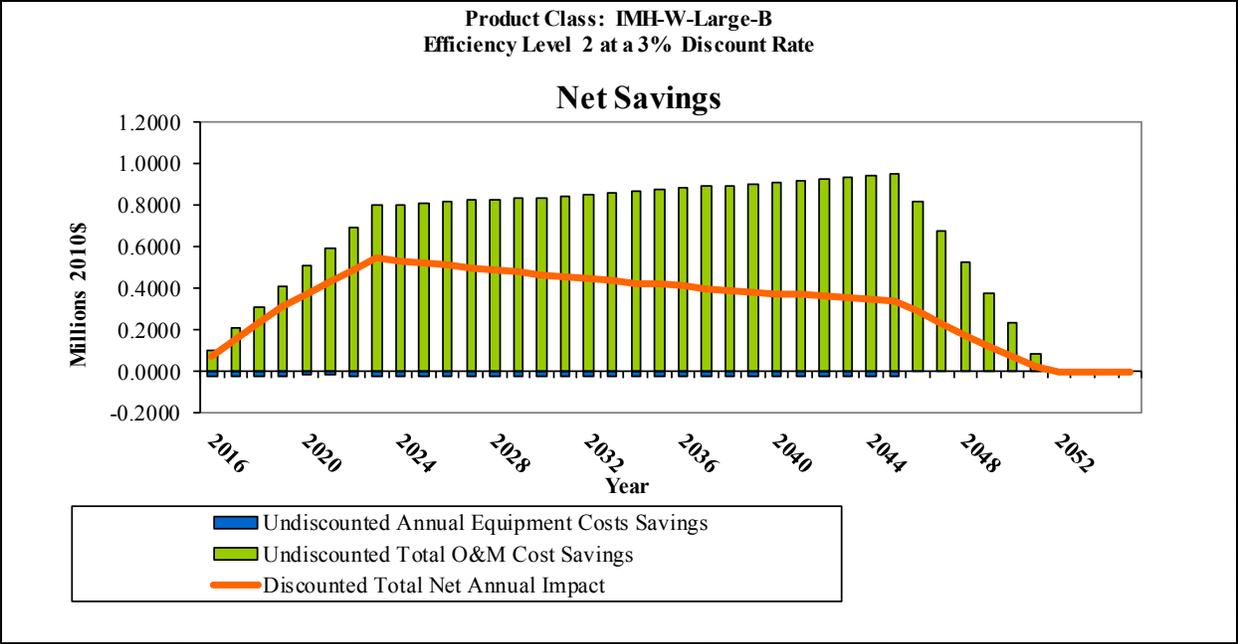


Figure 10B.45 National Annual Costs and Savings for IMH-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

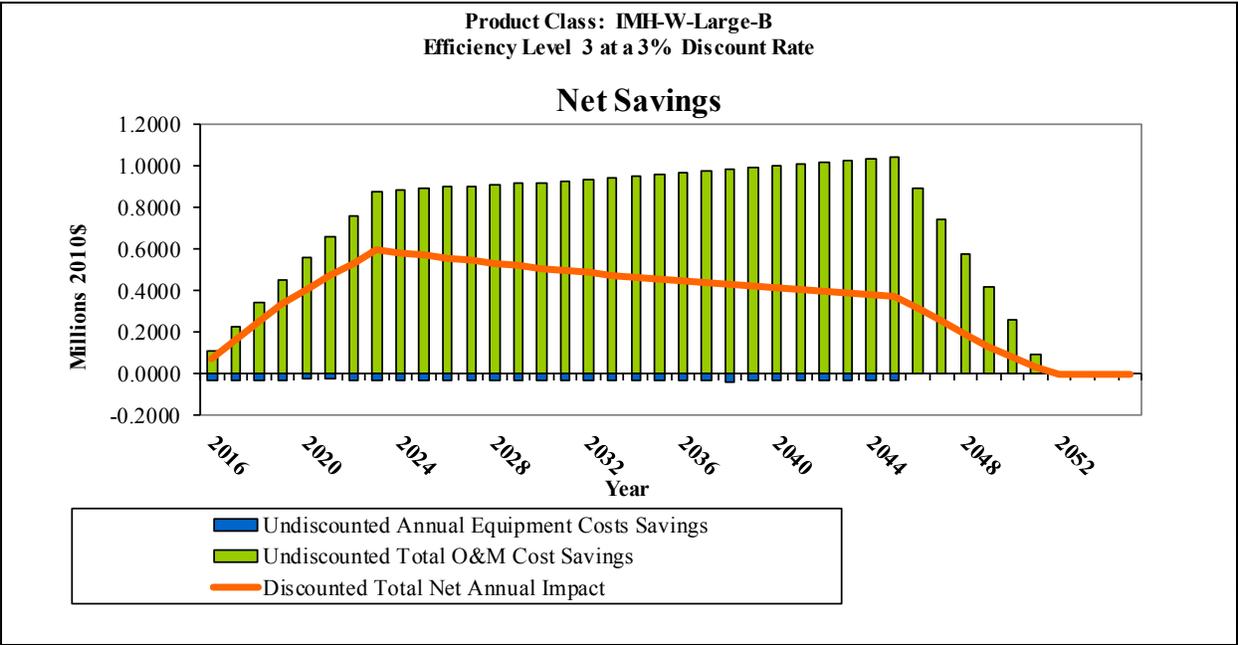


Figure 10B.46 National Annual Costs and Savings for IMH-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.5 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, AIR-COOLED, SMALL, BATCH (IMH-A-SMALL-B)

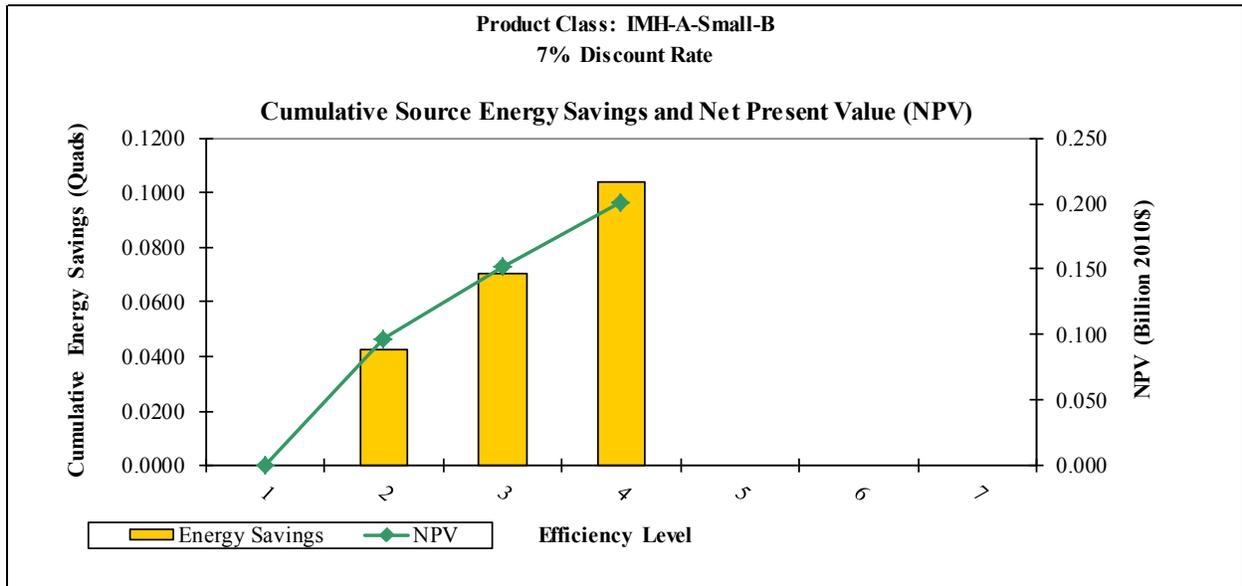


Figure 10B.5.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-A-Small-B

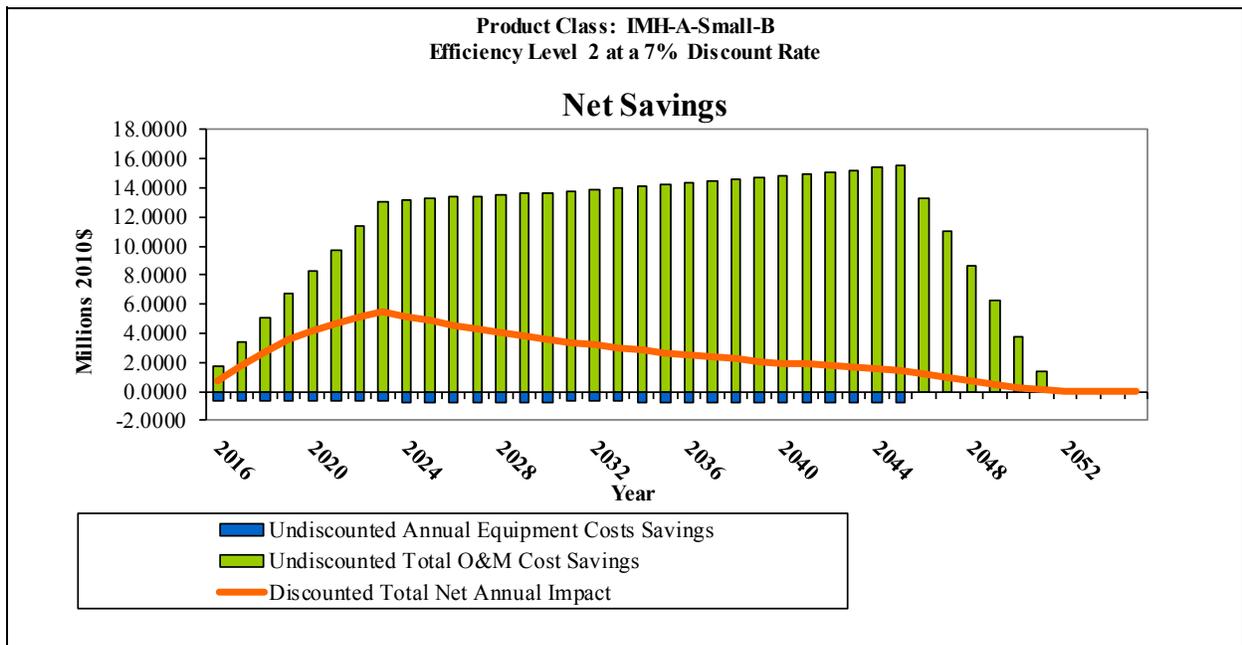


Figure 10B.5.2 National Annual Costs and Savings for IMH-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

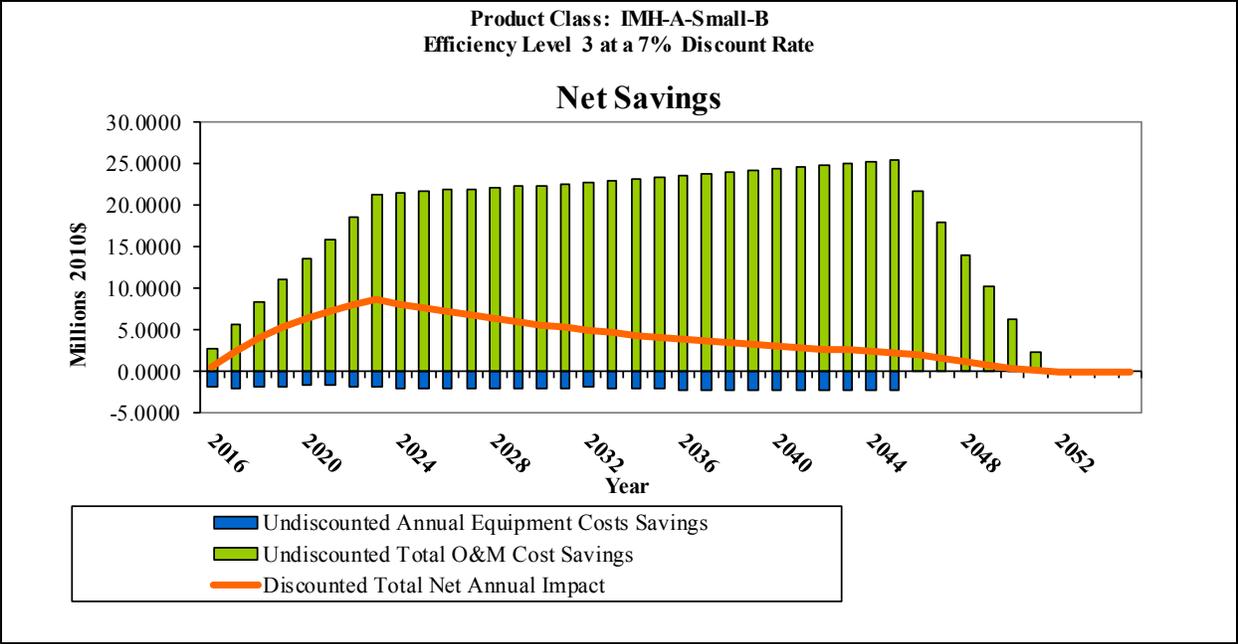


Figure 10B.5.3 National Annual Costs and Savings for IMH-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

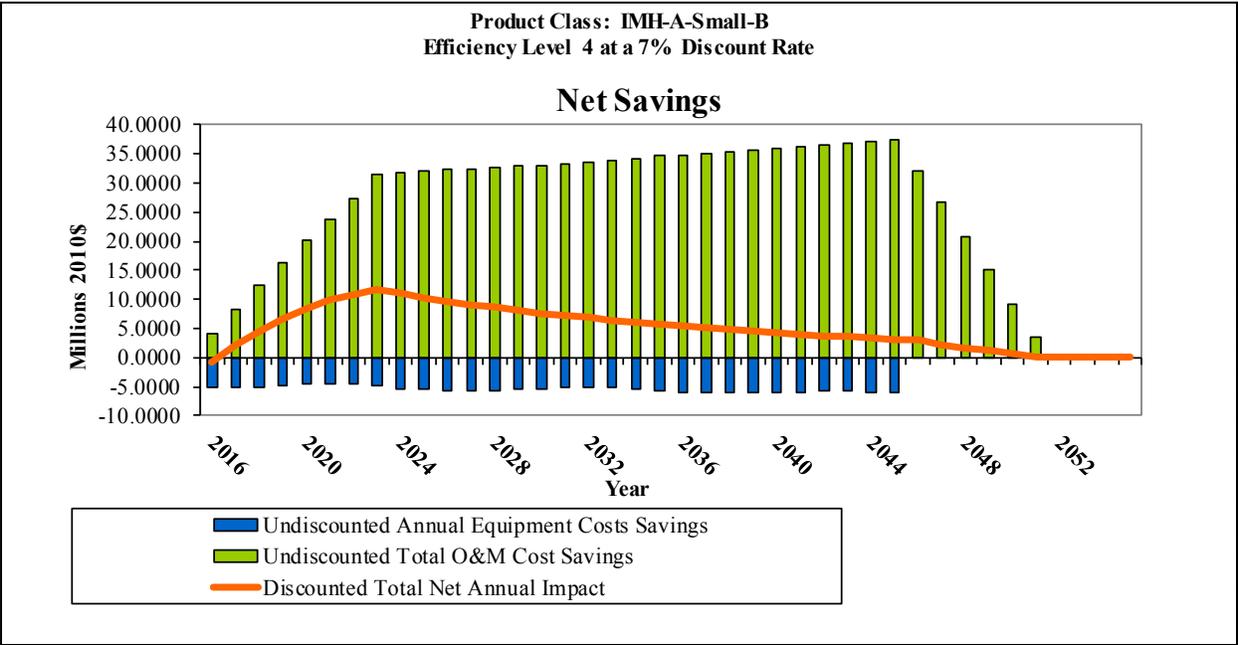


Figure 10B.5.4 National Annual Costs and Savings for IMH-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

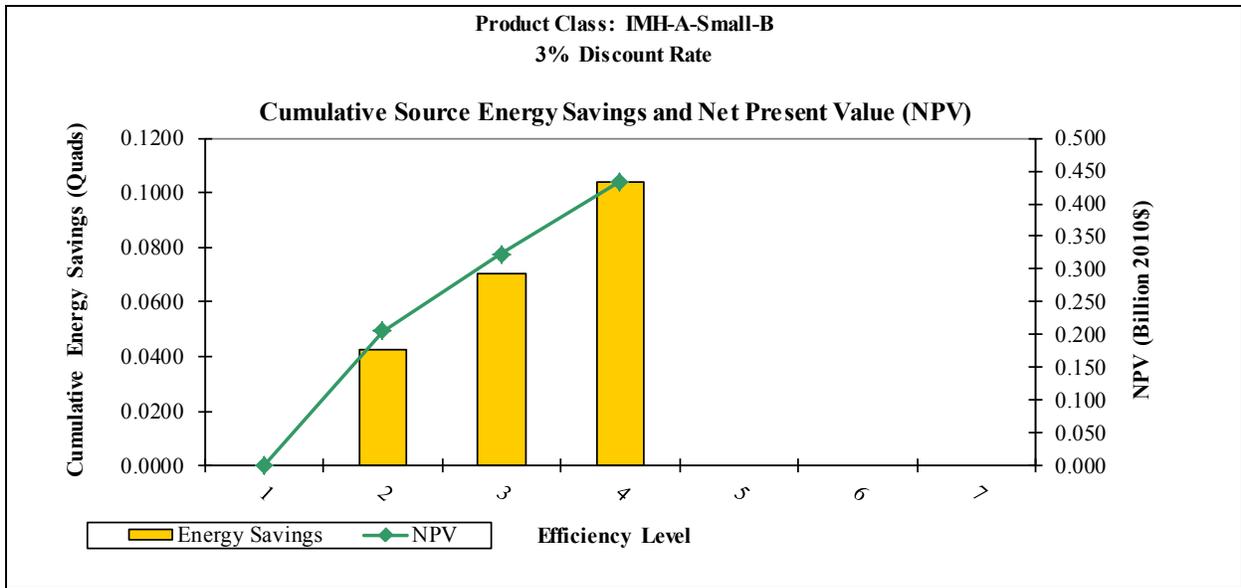


Figure 10B.5.5 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-A-Small-B

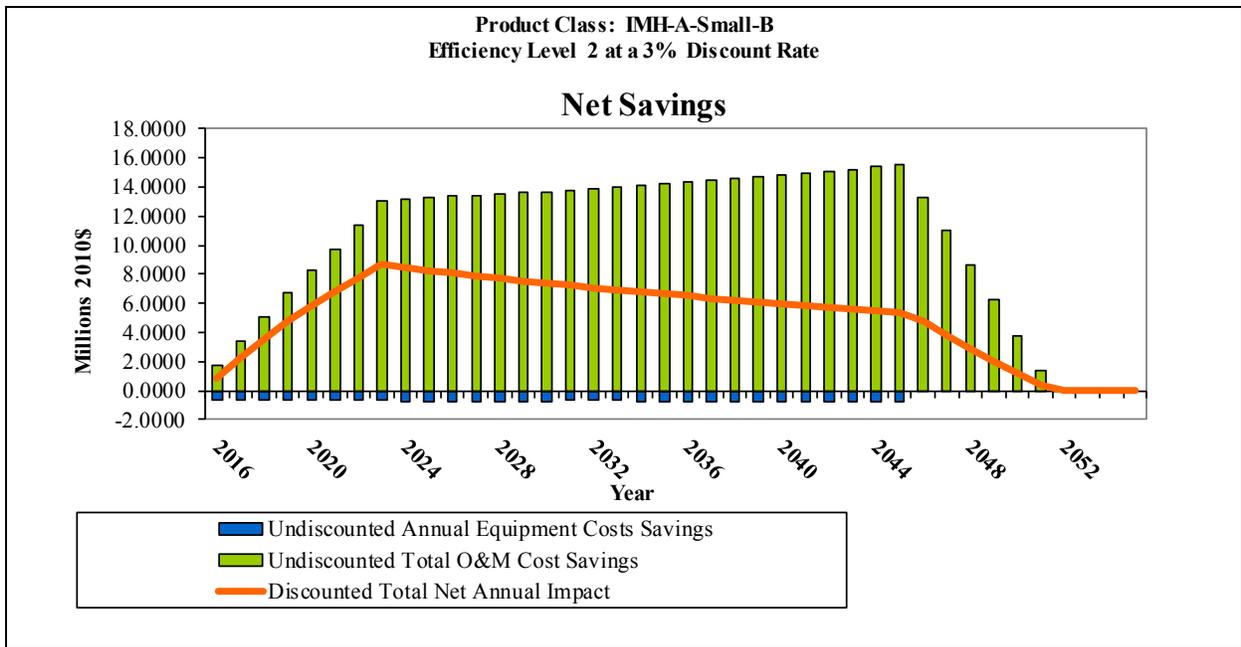


Figure 10B.5.6 National Annual Costs and Savings for IMH-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

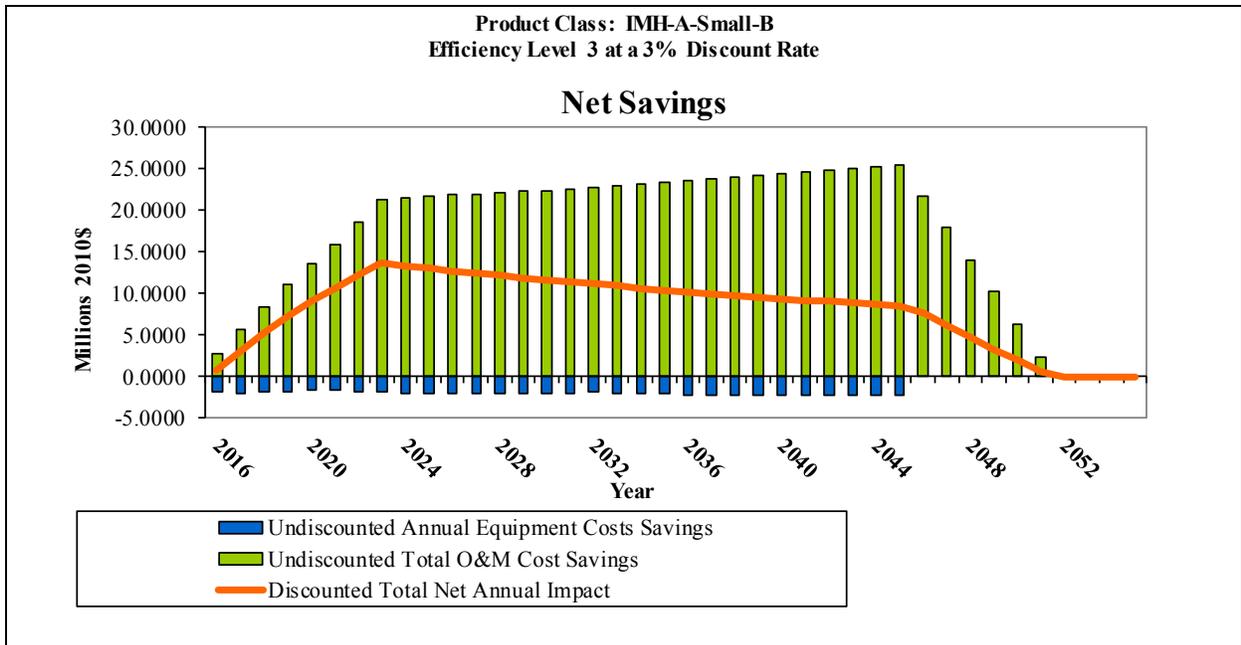


Figure 10B.5.7 National Annual Costs and Savings for IMH-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

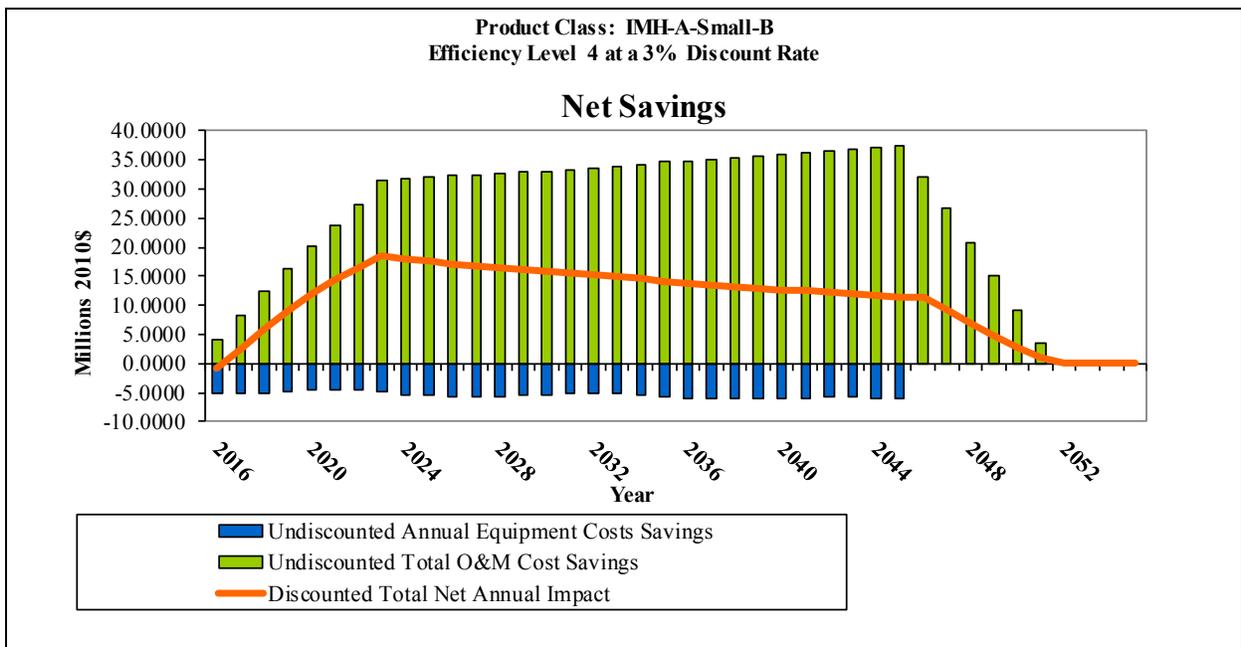


Figure 10B.5.8 National Annual Costs and Savings for IMH-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.6 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, AIR-COOLED, LARGE, BATCH (IMH-A-LARGE-B)

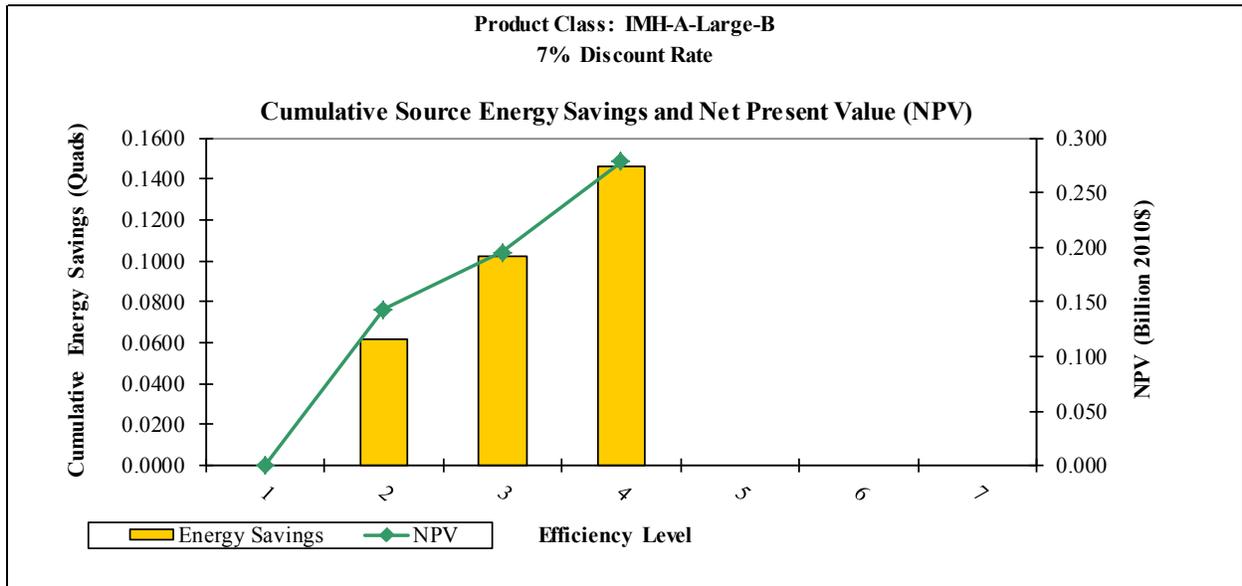


Figure 10B.6.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-A-Large-B

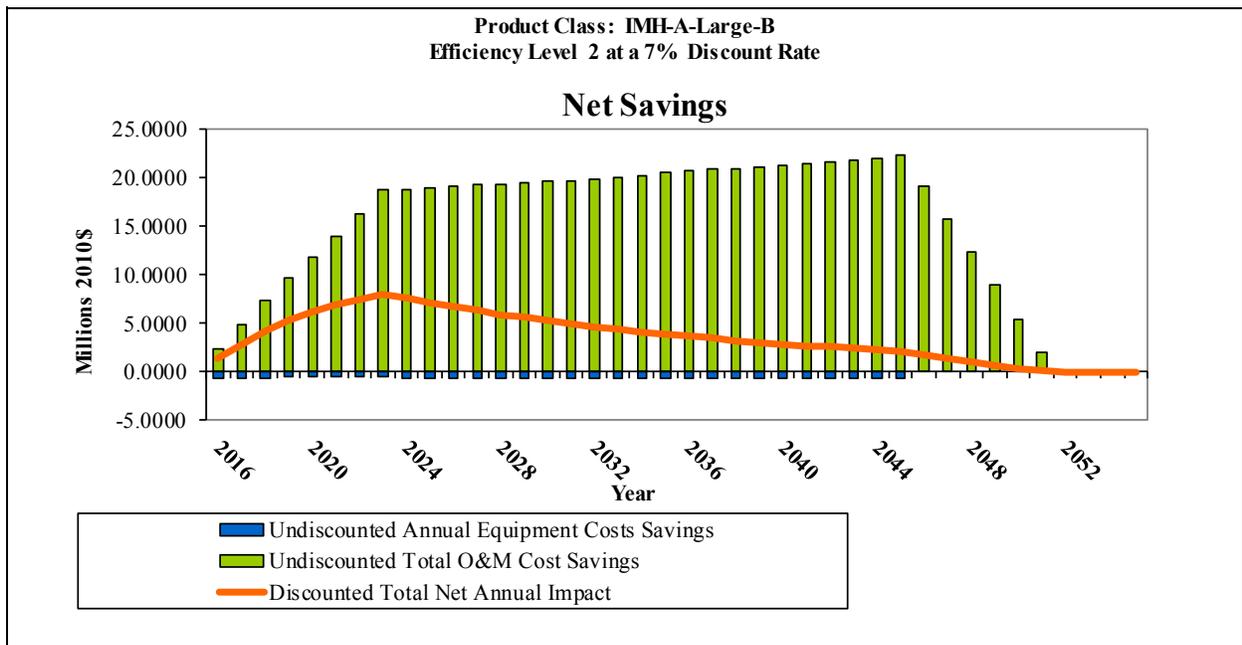


Figure 10B.6.2 National Annual Costs and Savings for IMH-A-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

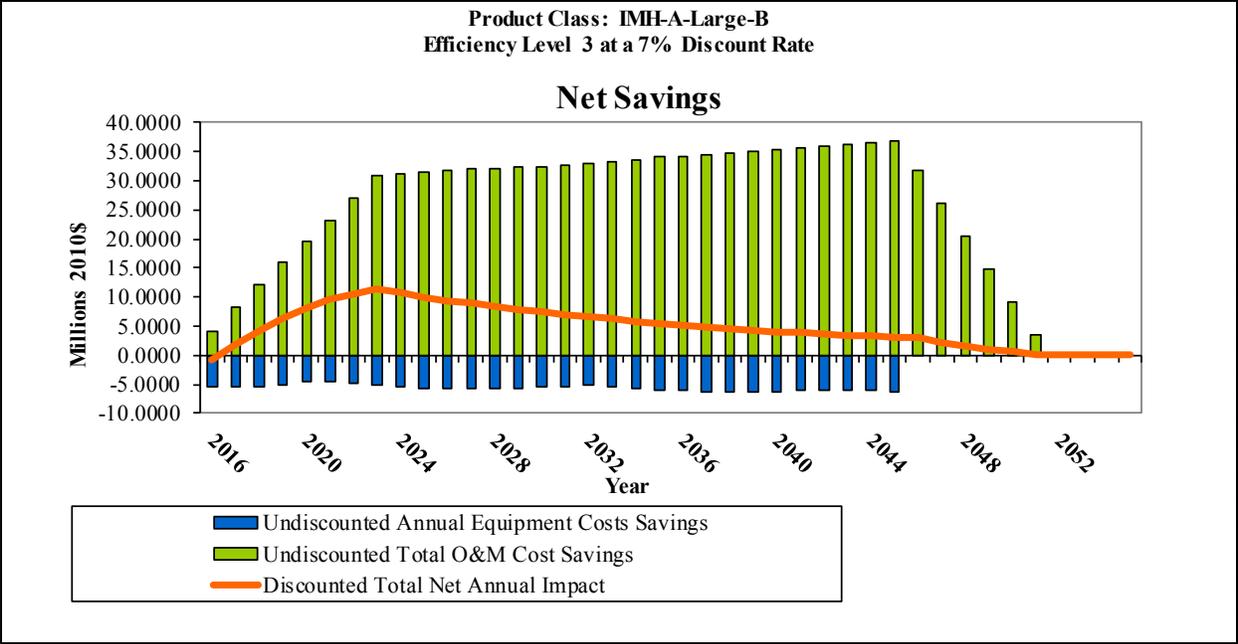


Figure 10B.6.3 National Annual Costs and Savings for IMH-A-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

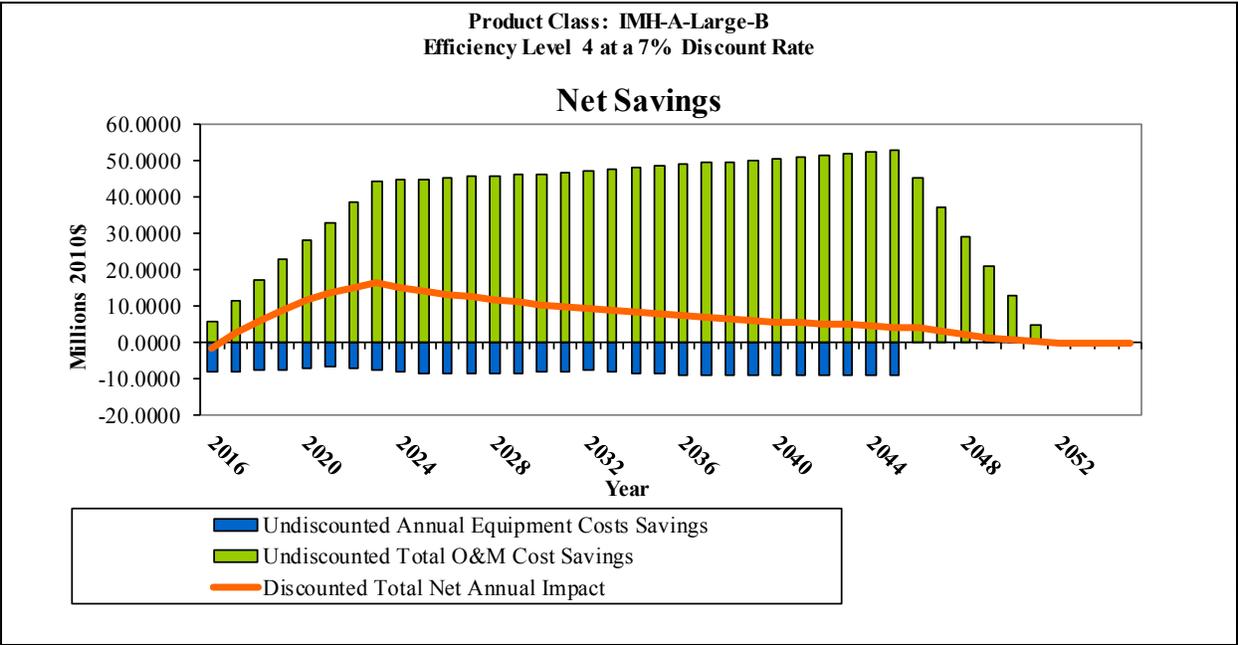


Figure 10B.6.4 National Annual Costs and Savings for IMH-A-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

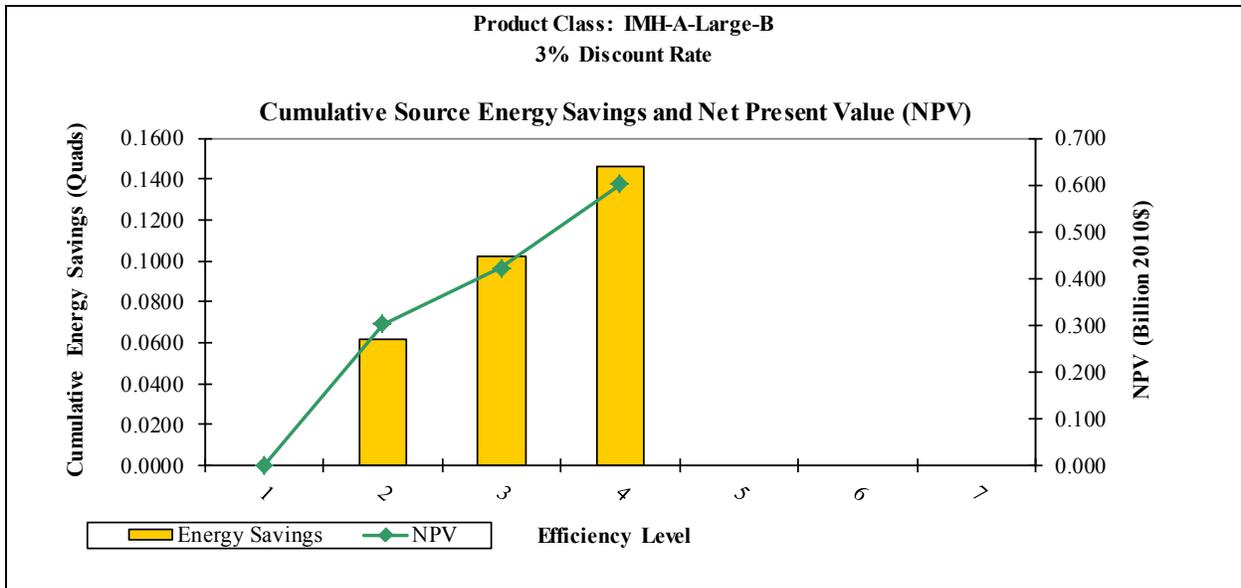


Figure 10B.6.5 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-A-Large-B

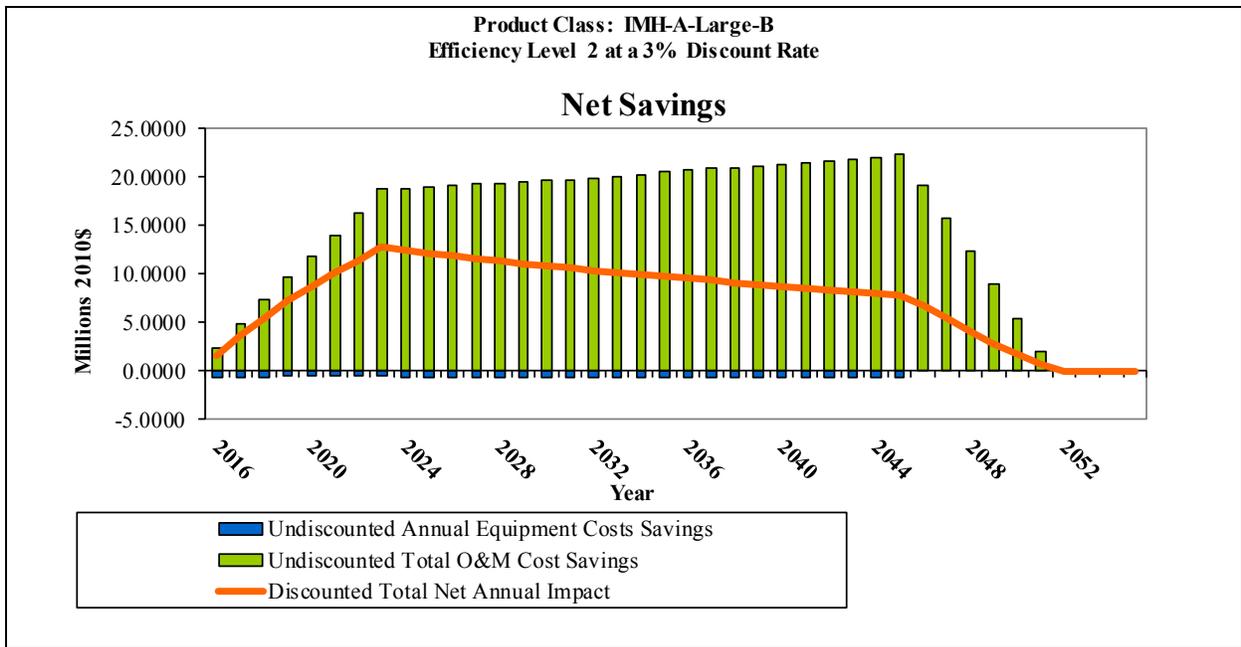


Figure 10B.6.6 National Annual Costs and Savings for IMH-A-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

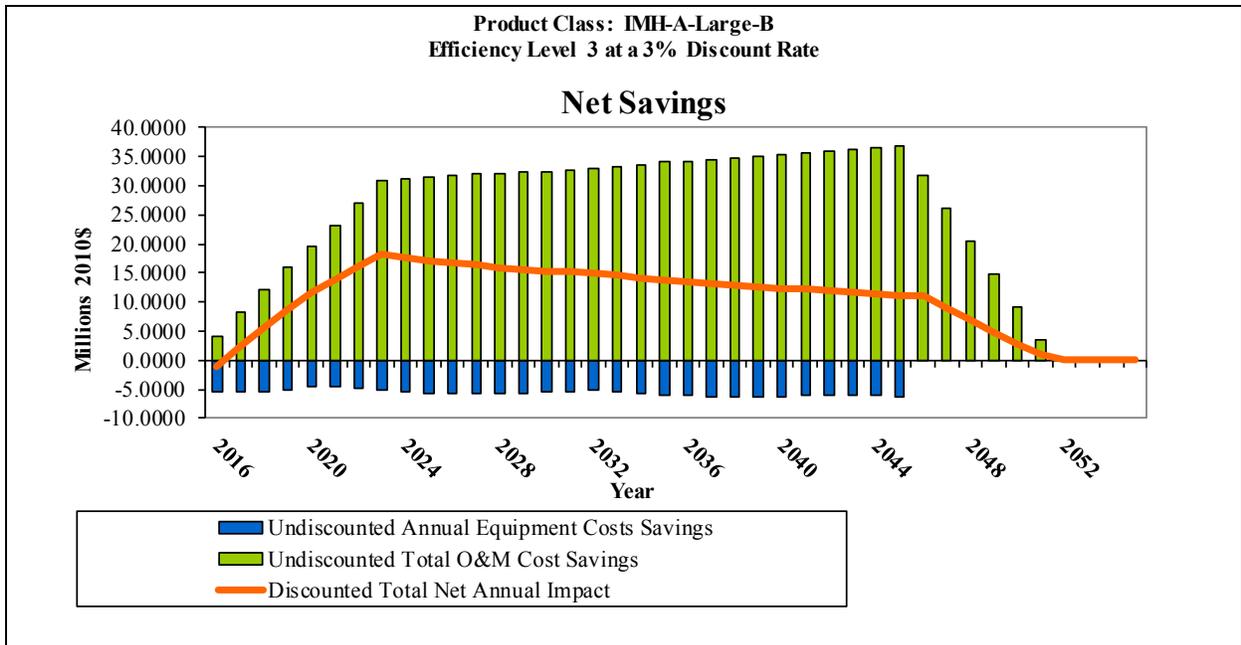


Figure 10B.6.7 National Annual Costs and Savings for IMH-A-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

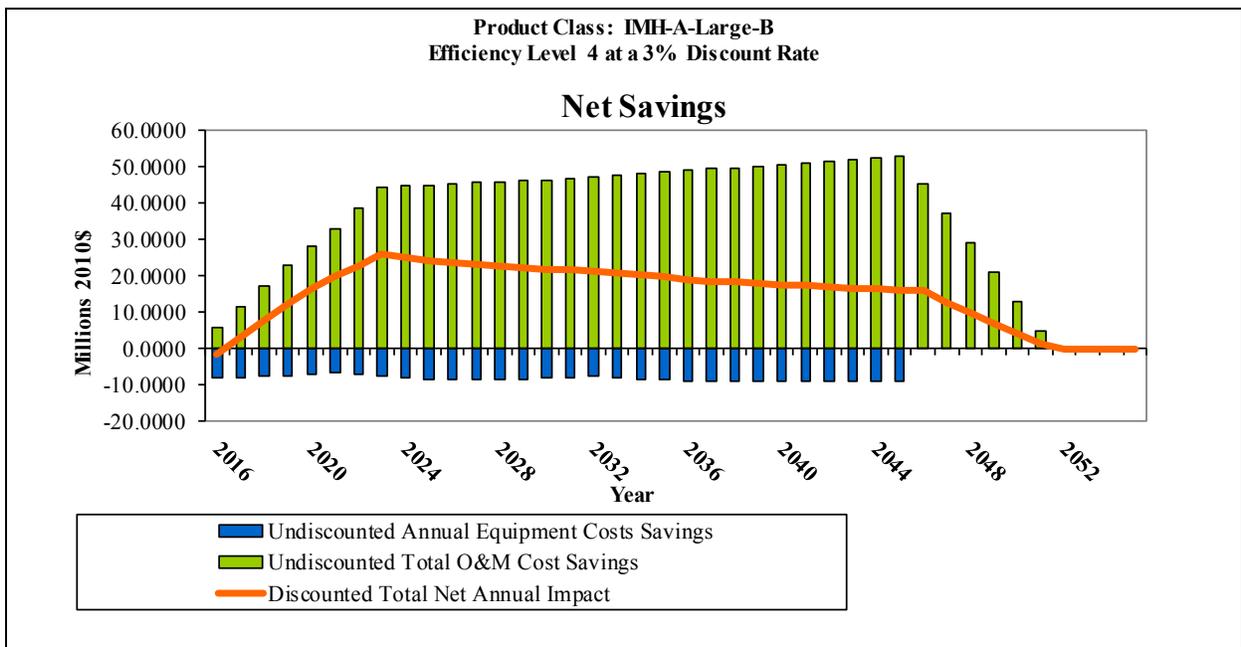


Figure 10B.6.8 National Annual Costs and Savings for IMH-A-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.7 NATIONAL IMPACT ANALYSIS RESULTS FOR REMOTE CONDENSING UNIT, SMALL, BATCH (RCU-SMALL-B)

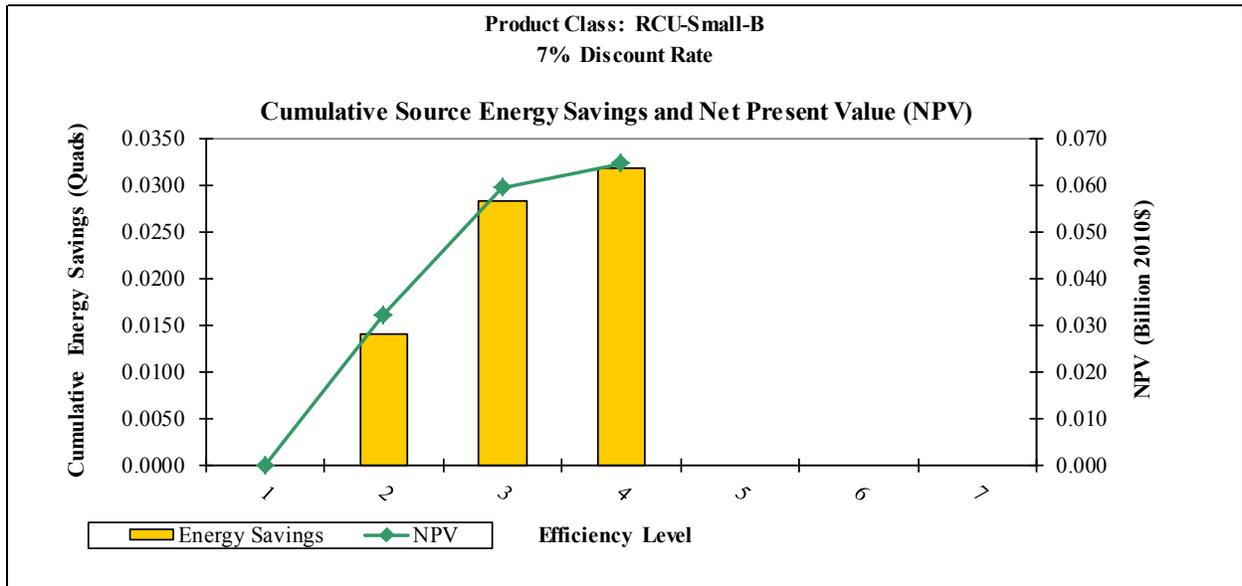


Figure 10B.7.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for RCU-Small-B

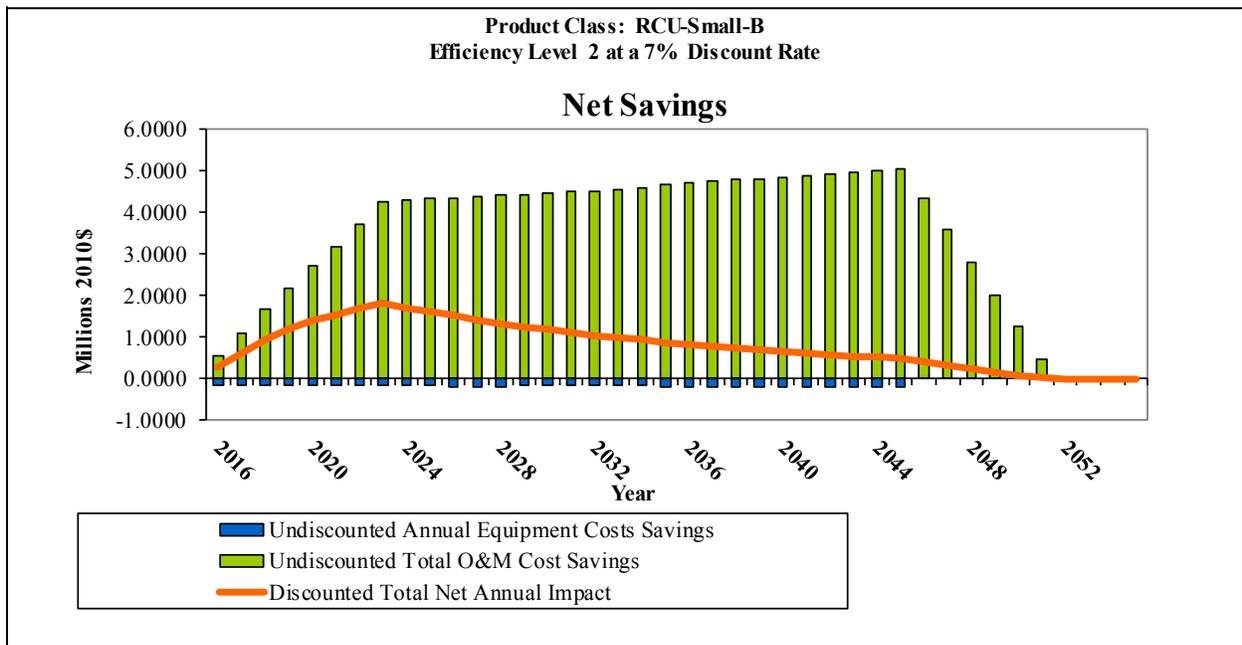


Figure 10B.7.2 National Annual Costs and Savings for RCU-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

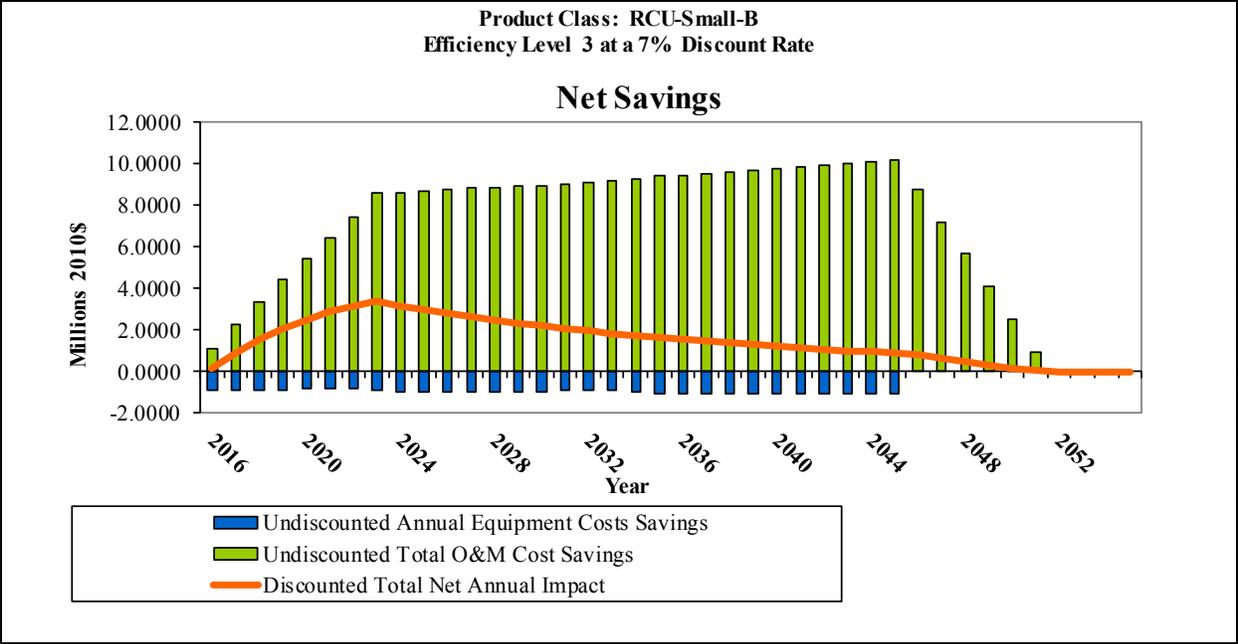


Figure 10B.7.3 National Annual Costs and Savings for RCU-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

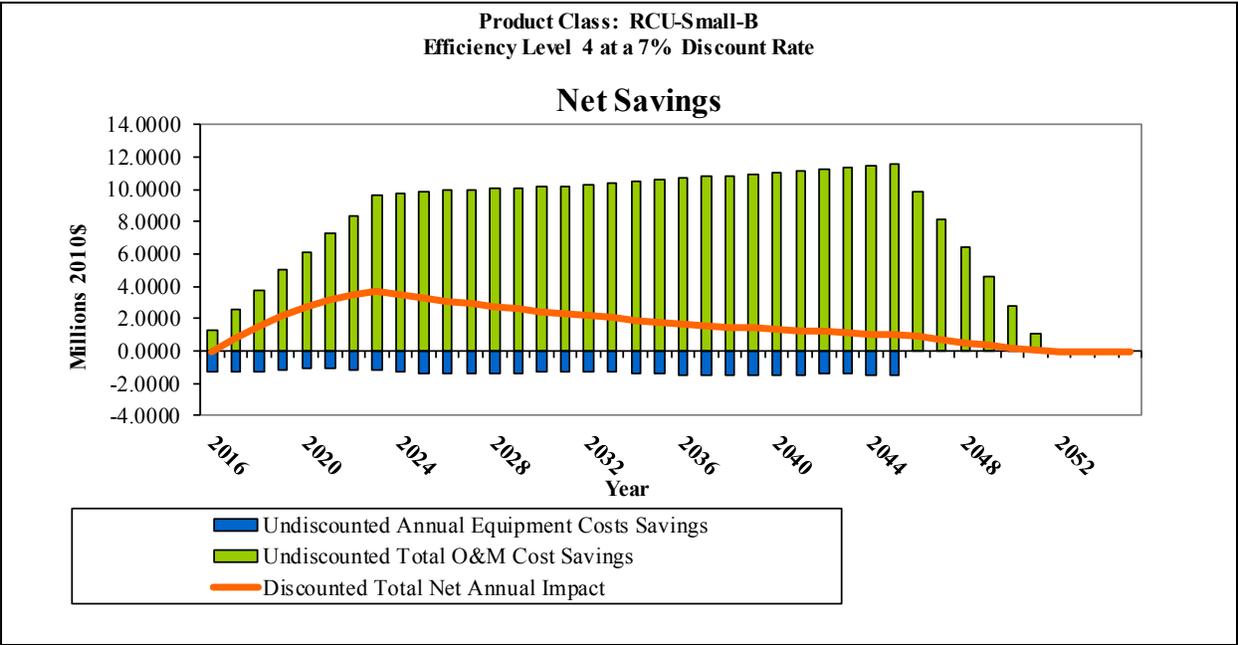


Figure 10B.7.4 National Annual Costs and Savings for RCU-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

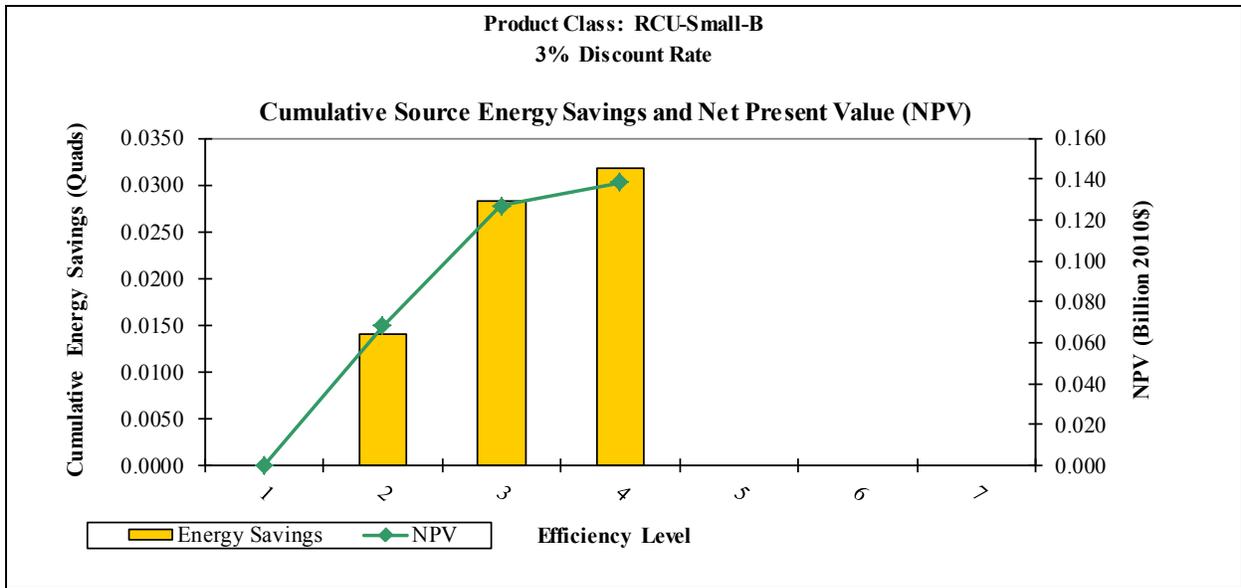


Figure 10B.7.5 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for RCU-Small-B

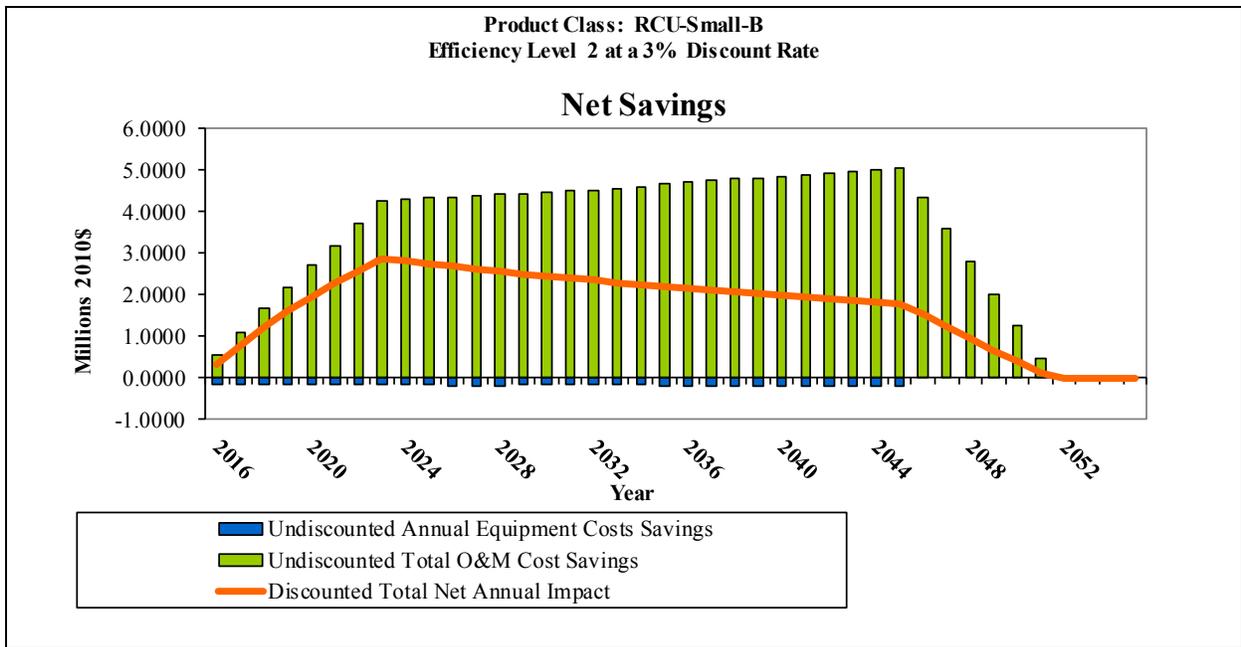


Figure 10B.7.6 National Annual Costs and Savings for RCU-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

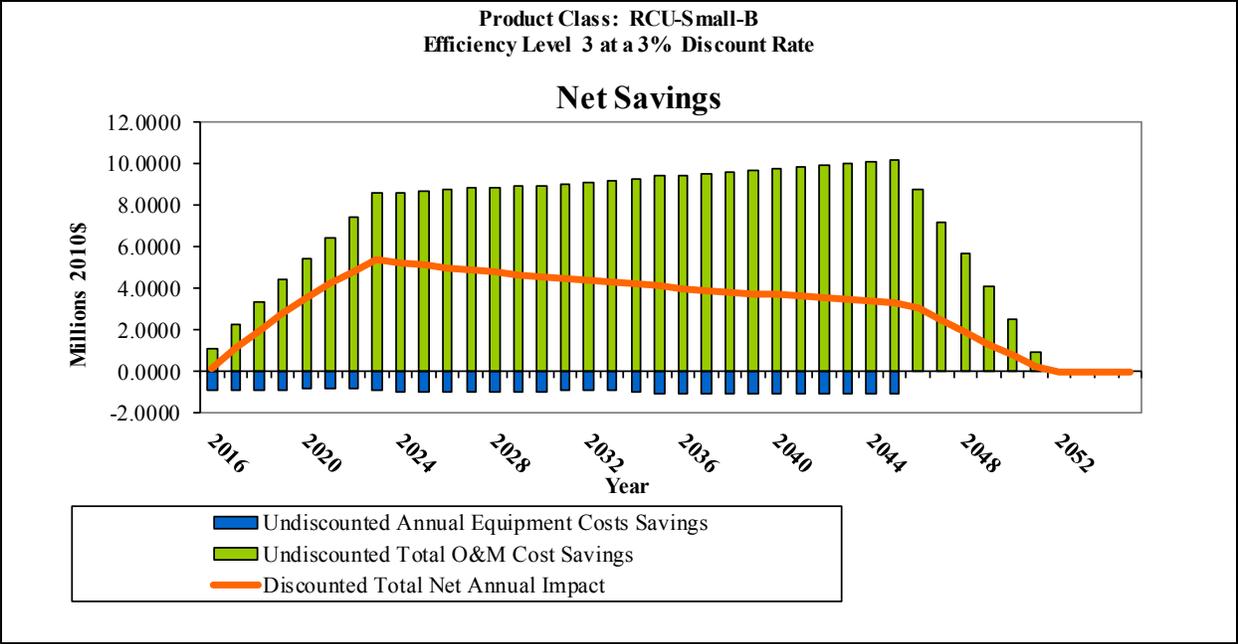


Figure 10B.7.7 National Annual Costs and Savings for RCU-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

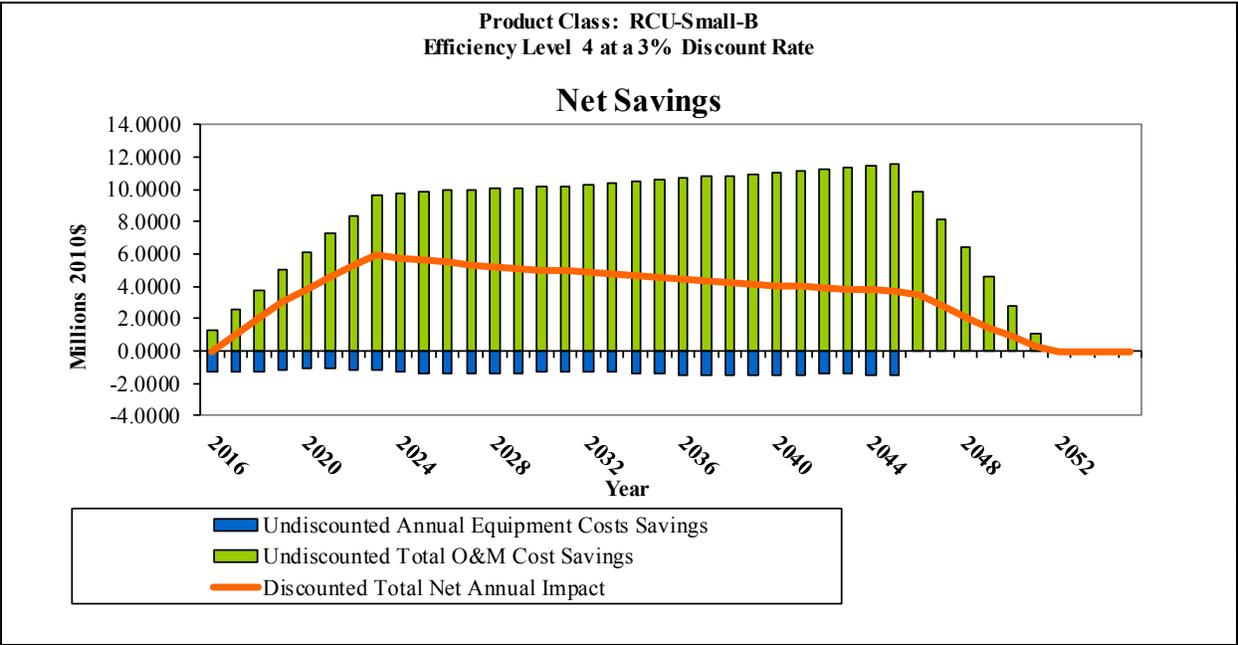


Figure 10B.7.8 National Annual Costs and Savings for RCU-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.8 NATIONAL IMPACT ANALYSIS RESULTS FOR REMOTE CONDENSING UNIT, LARGE, BATCH (RCU-LARGE-B)

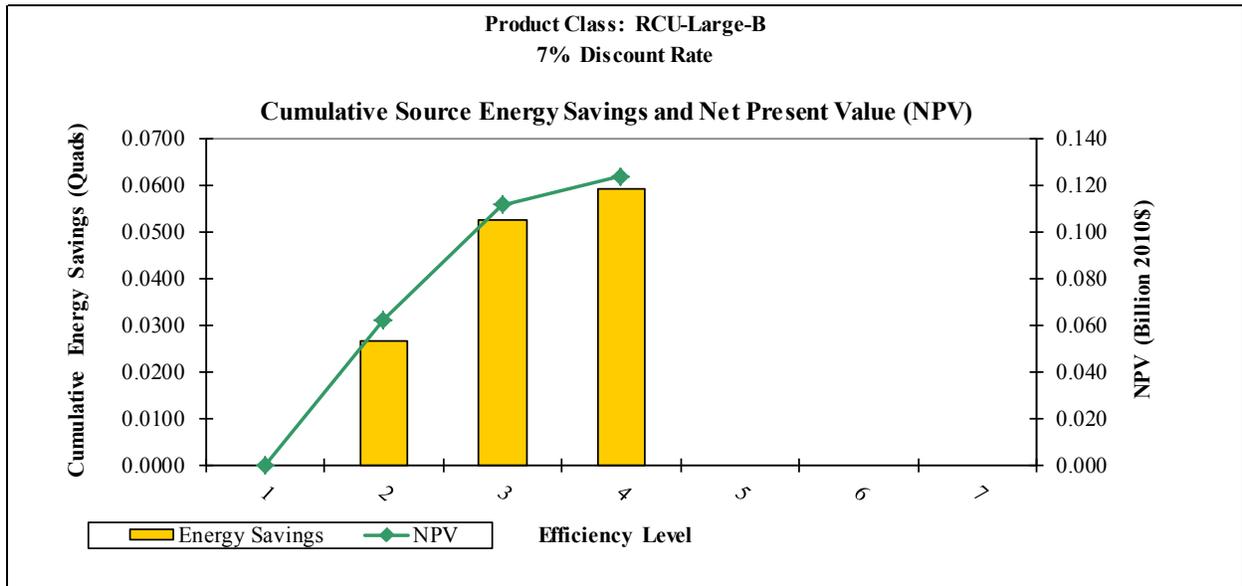


Figure 10B.8.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for RCU-Large-B

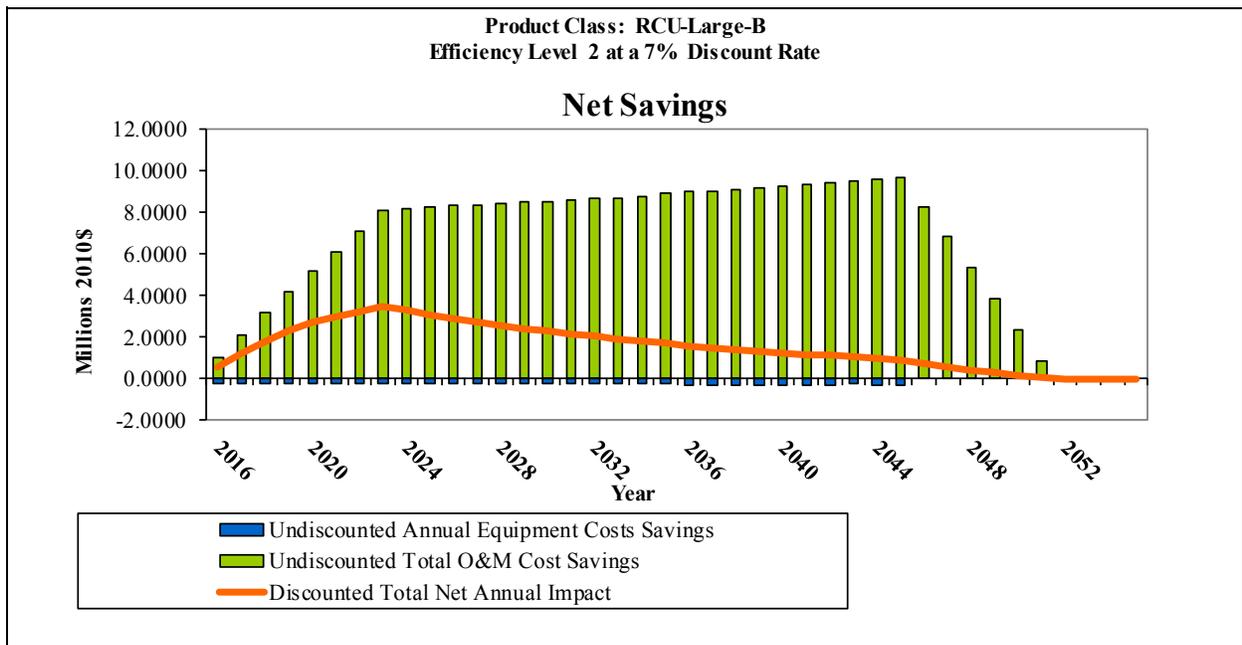


Figure 10B.8.2 National Annual Costs and Savings for RCU-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

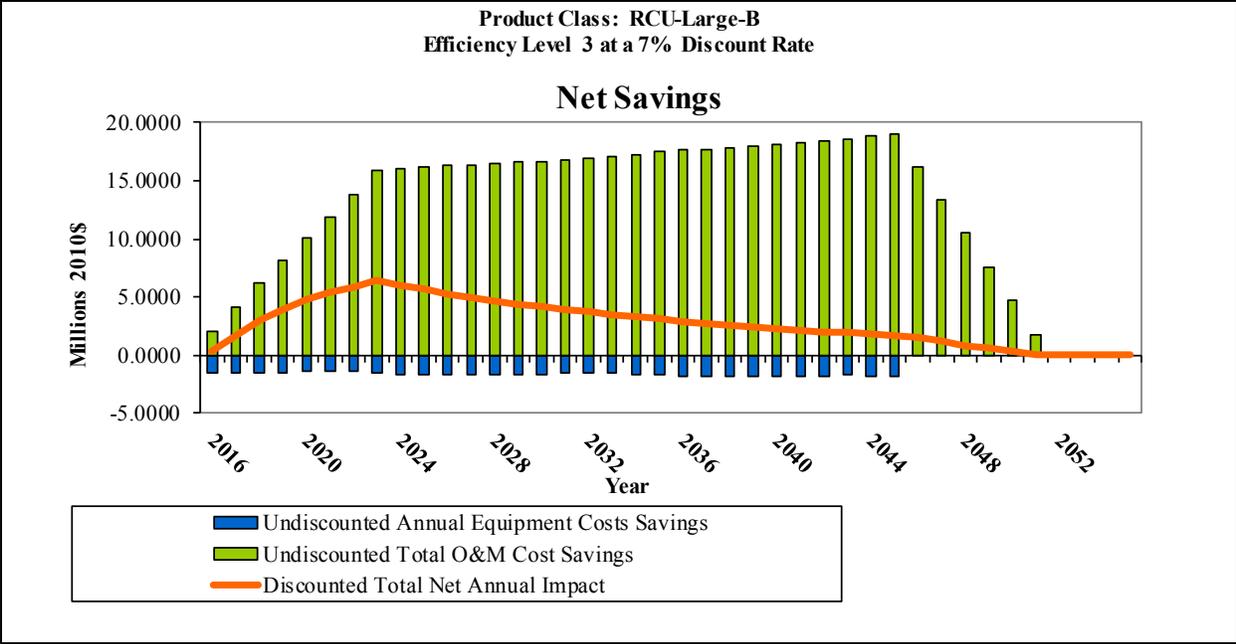


Figure 10B.8.3 National Annual Costs and Savings for RCU-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

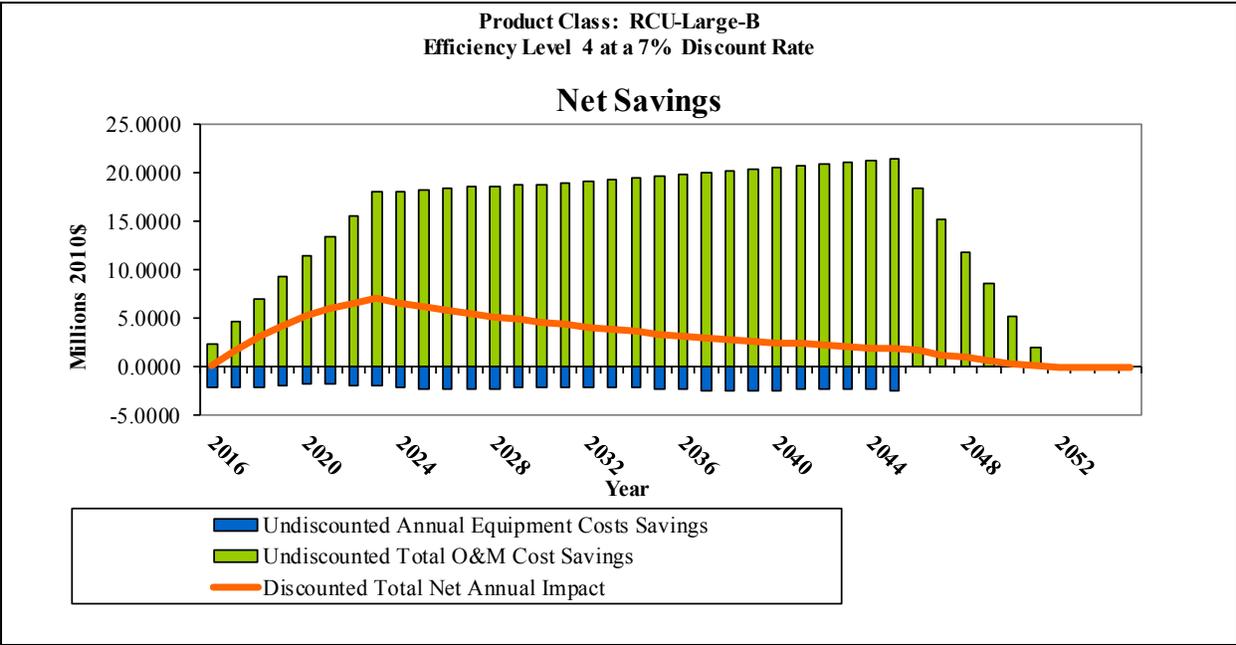


Figure 10B.8.4 National Annual Costs and Savings for RCU-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

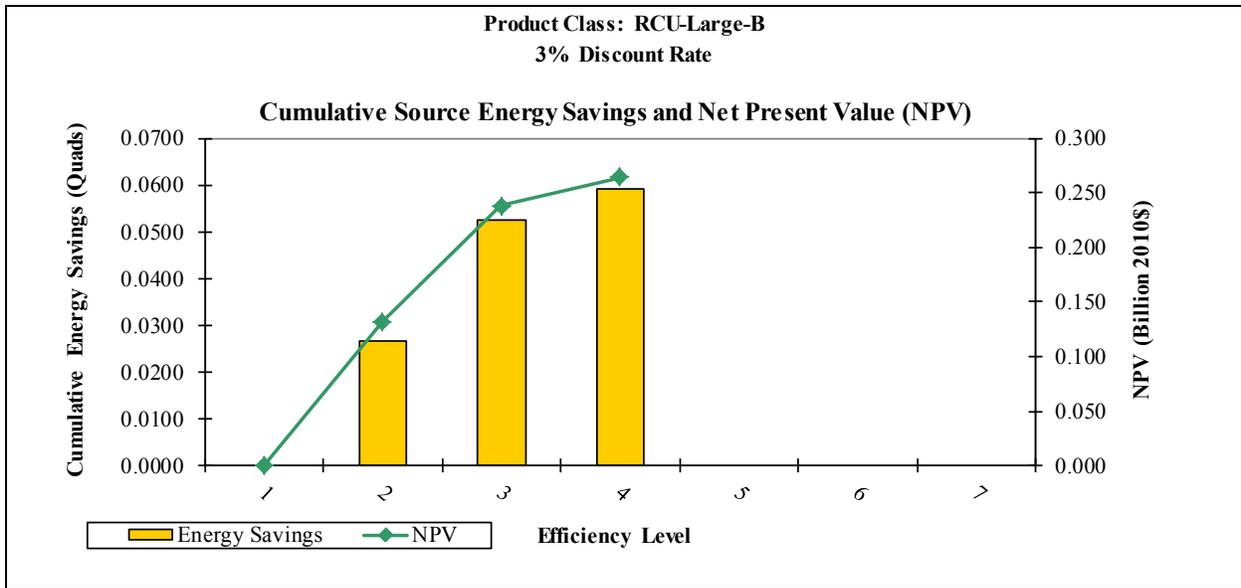


Figure 10B.8.5 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for RCU-Large-B

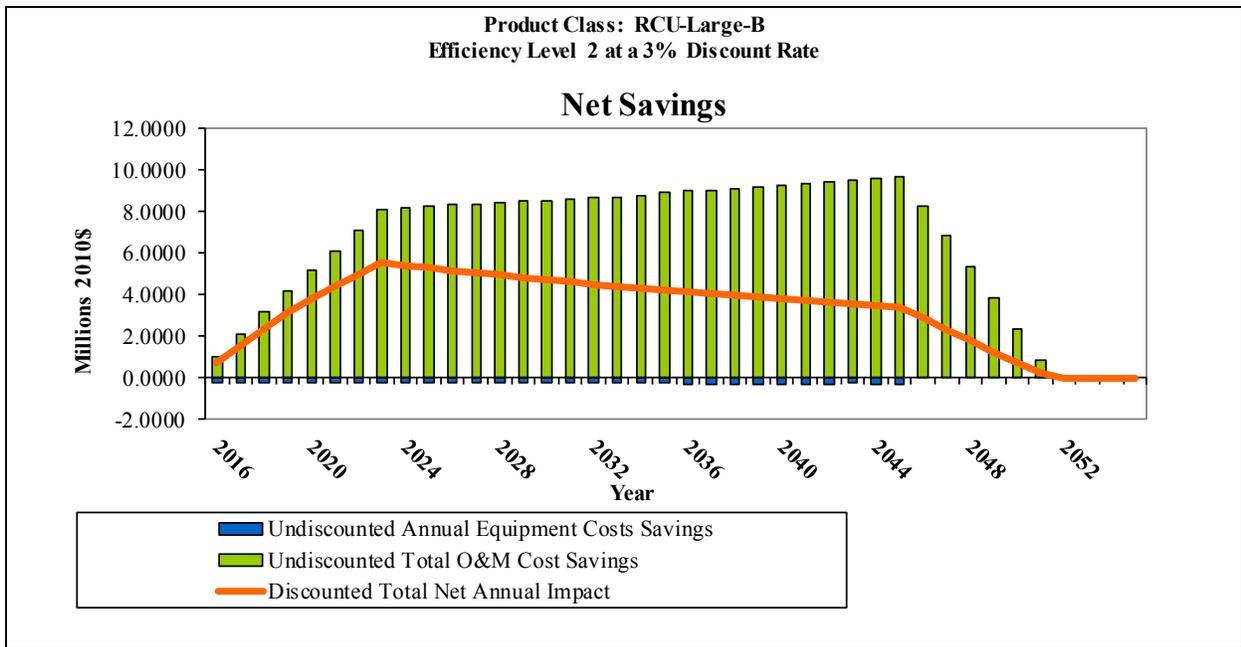


Figure 10B.8.6 National Annual Costs and Savings for RCU-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

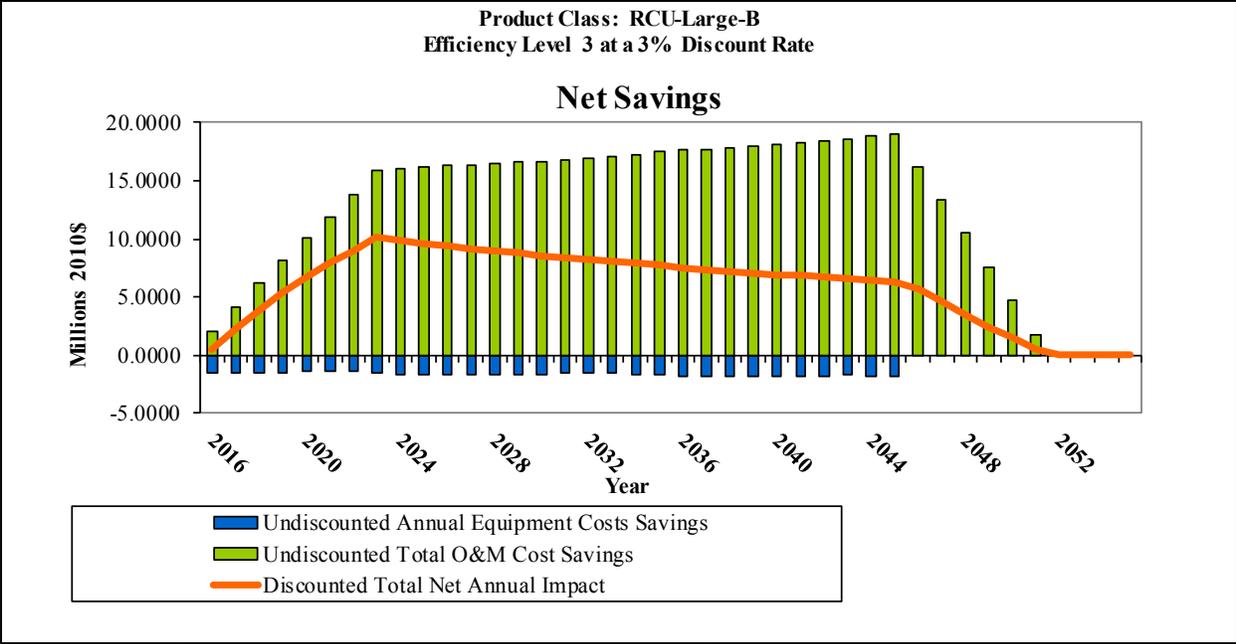


Figure 10B.8.7 National Annual Costs and Savings for RCU-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

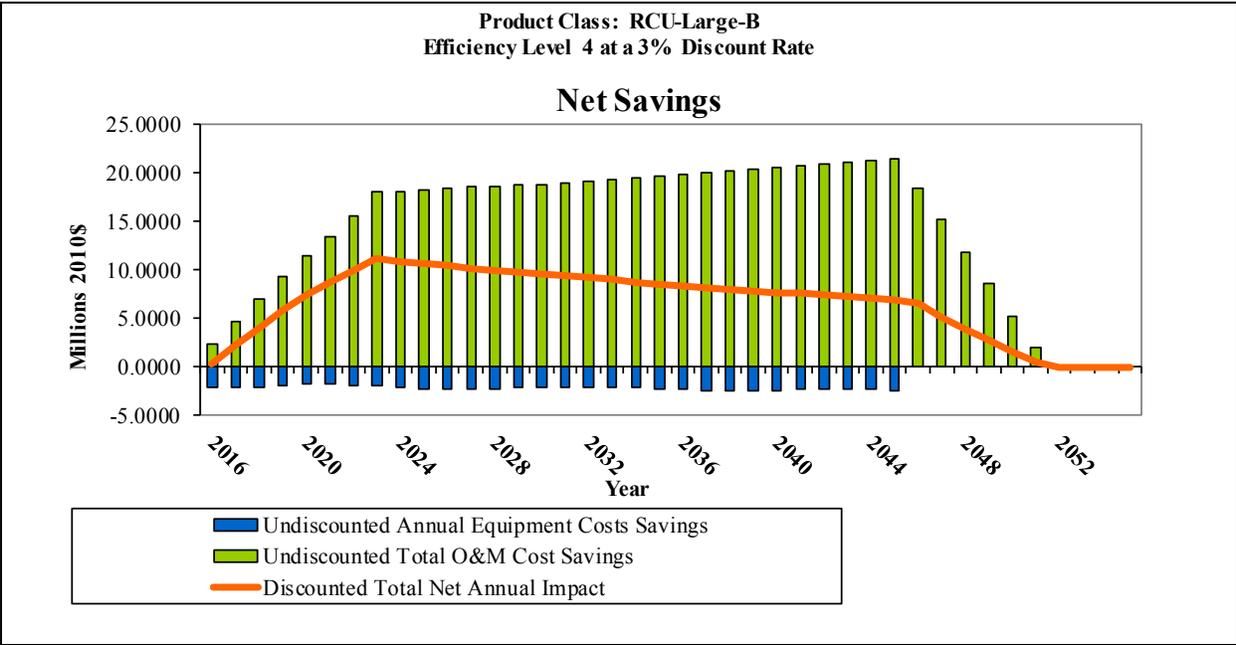


Figure 10B.8.8 National Annual Costs and Savings for RCU-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.9 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, WATER-COOLED, SMALL, BATCH (SCU-W-SMALL-B)

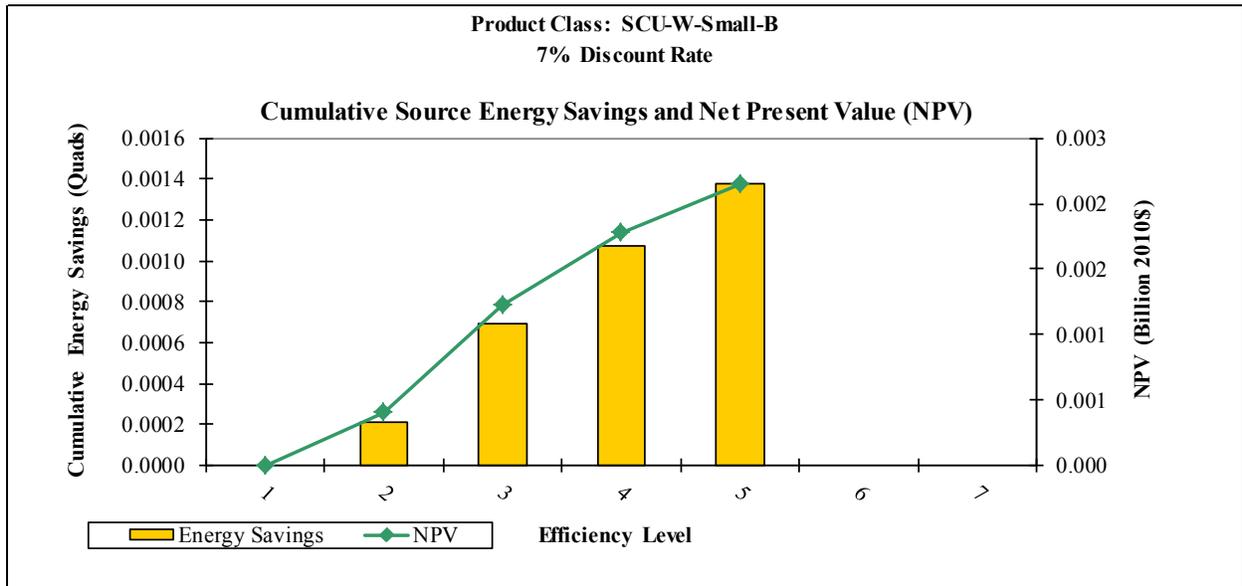


Figure 10B.9.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-W-Small-B

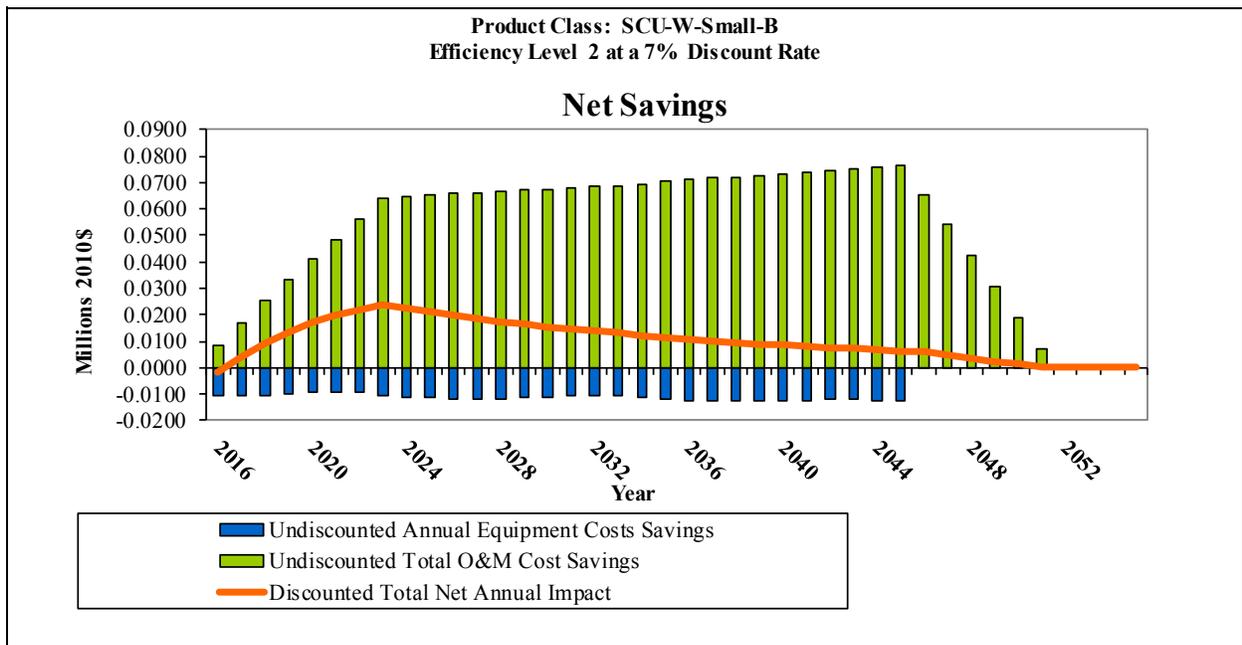


Figure 10B.9.2 National Annual Costs and Savings for SCU-W-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

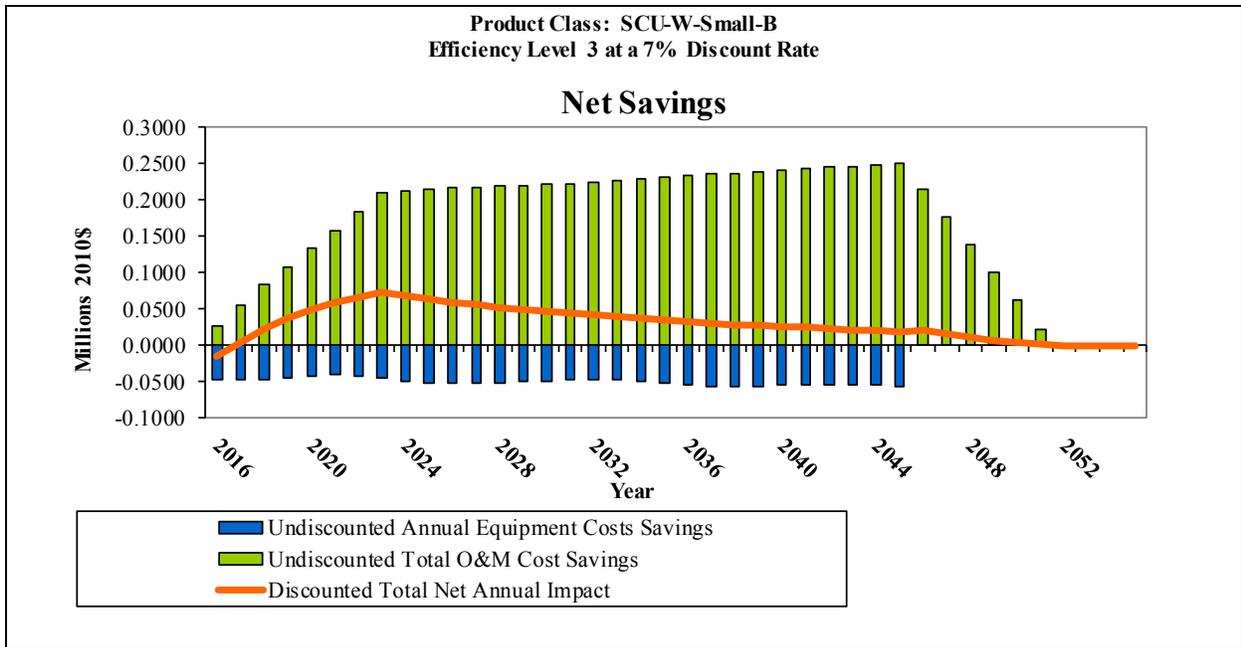


Figure 10B.9.3 National Annual Costs and Savings for SCU-W-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

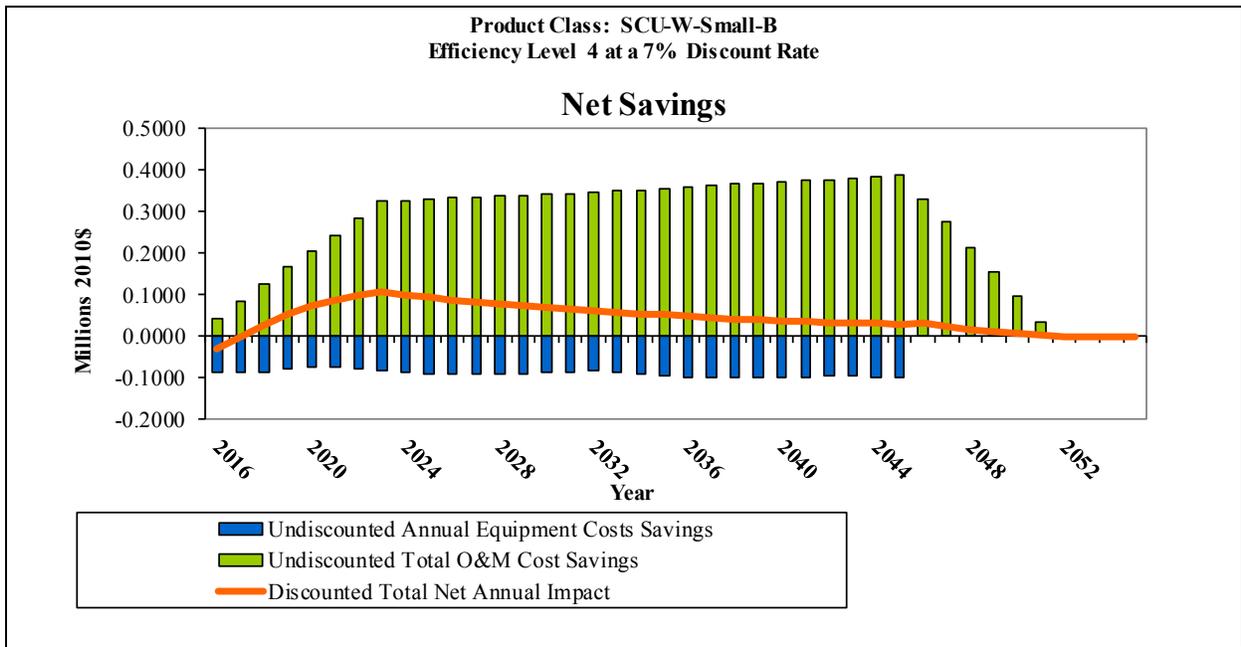


Figure 10B.9.4 National Annual Costs and Savings for SCU-W-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

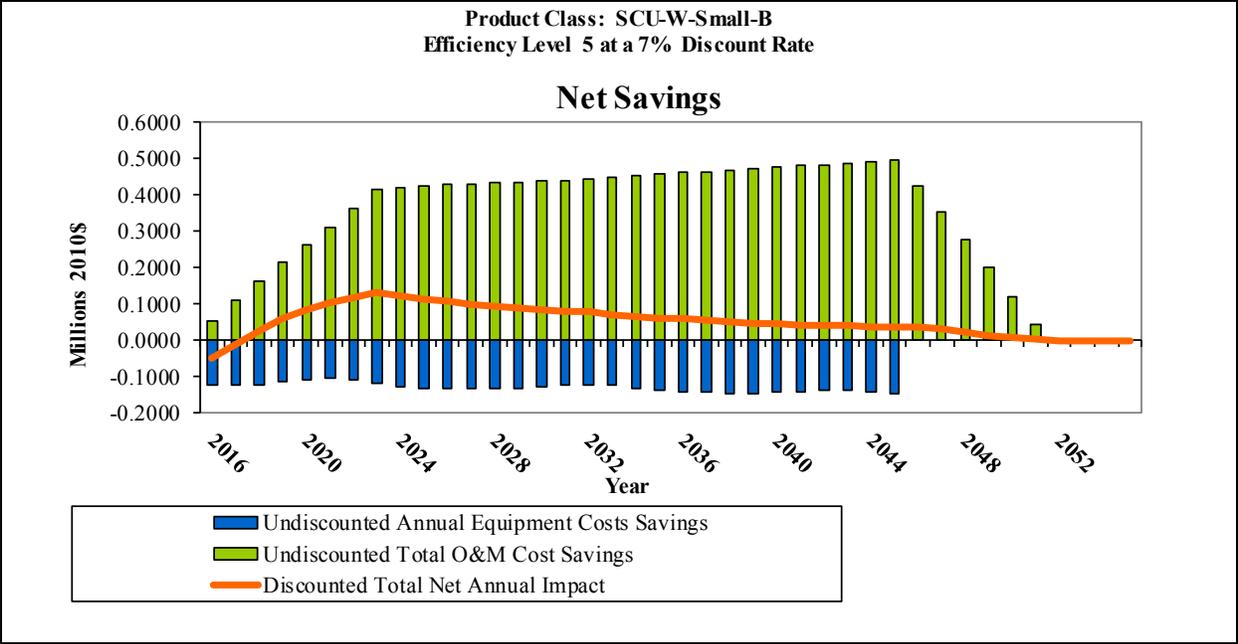


Figure 10B.9.5 National Annual Costs and Savings for SCU-W-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

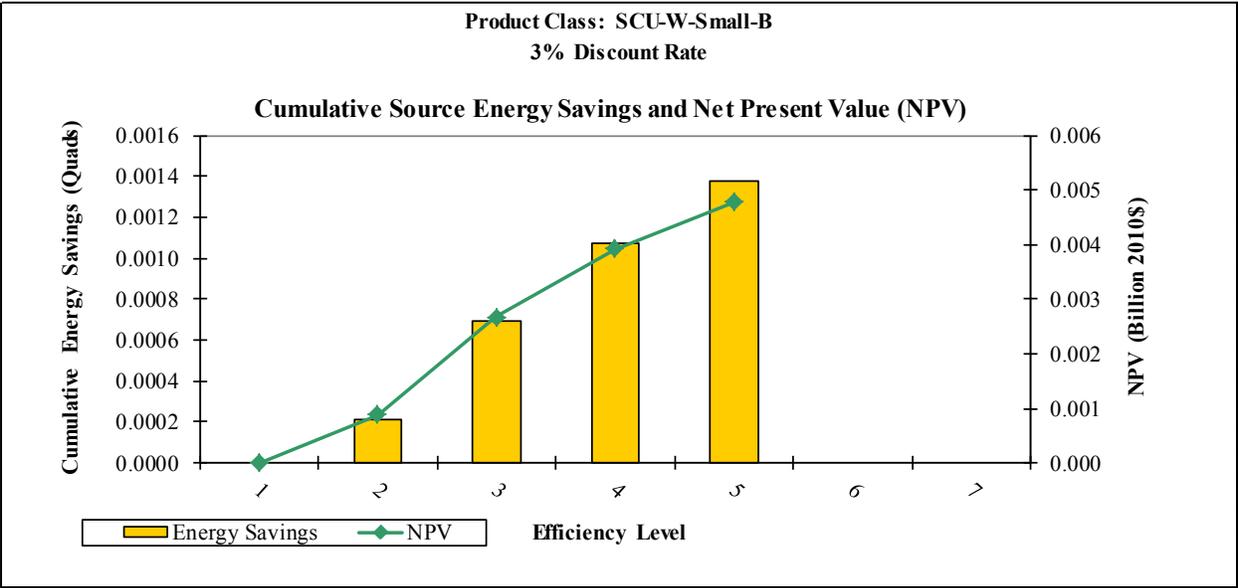


Figure 10B.9.6 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-W-Small-B

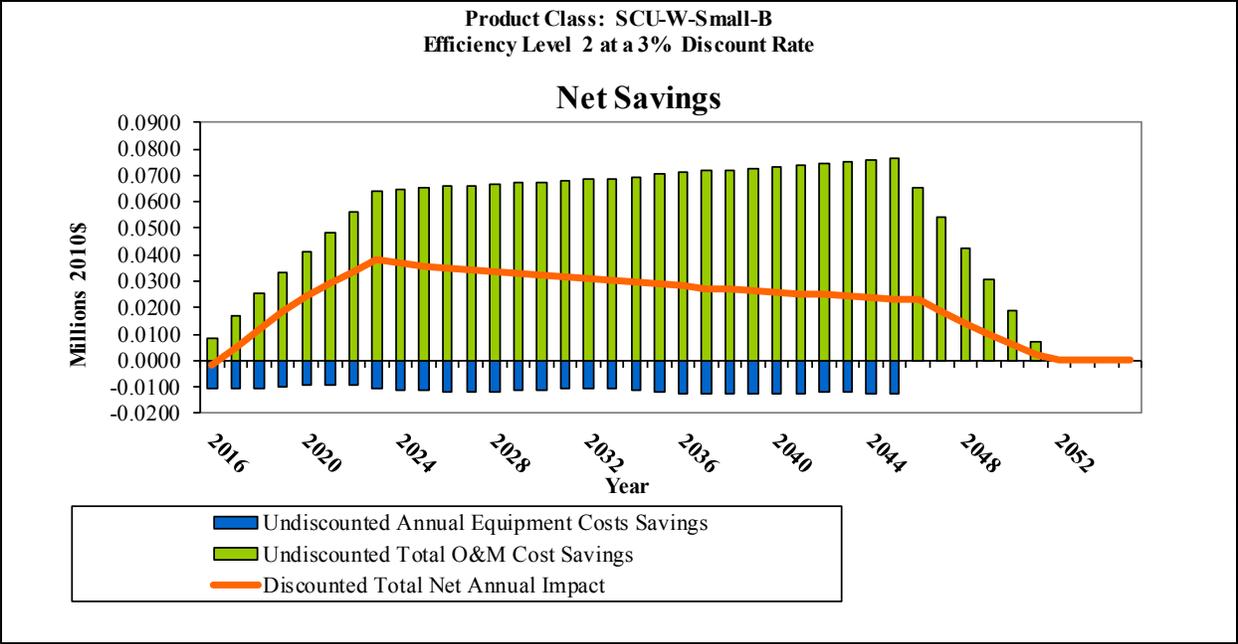


Figure 10B.9.7 National Annual Costs and Savings for SCU-W-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

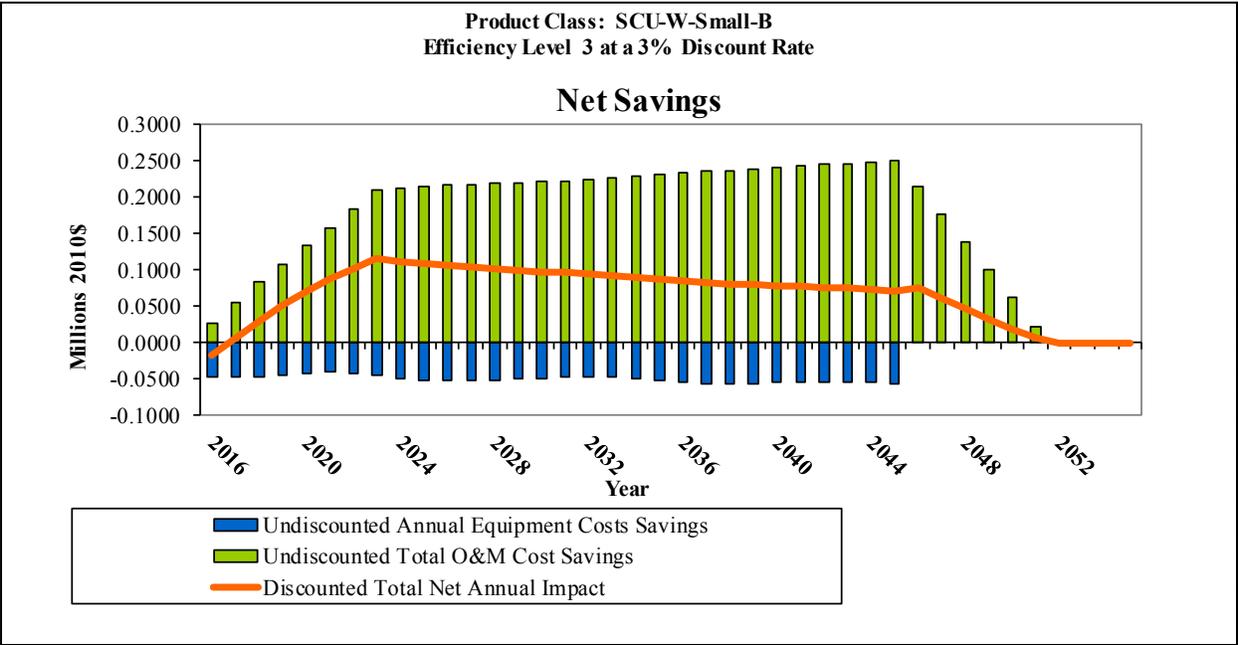


Figure 10B.9.8 National Annual Costs and Savings for SCU-W-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

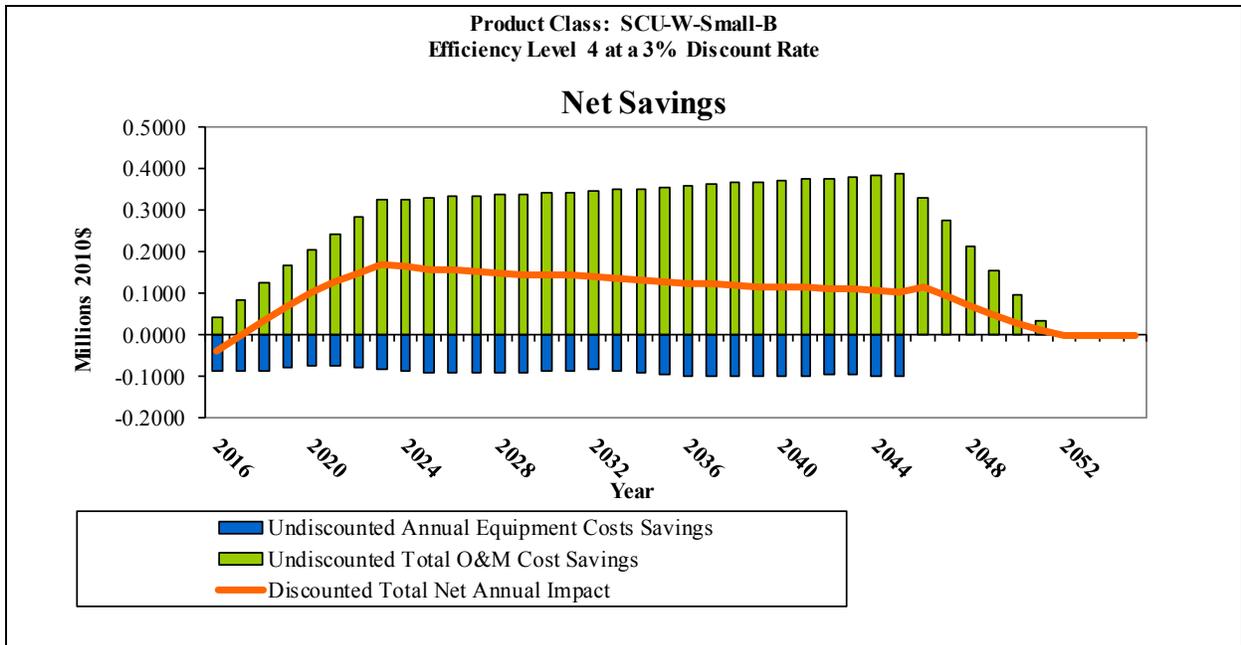


Figure 10B.9.9 National Annual Costs and Savings for SCU-W-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

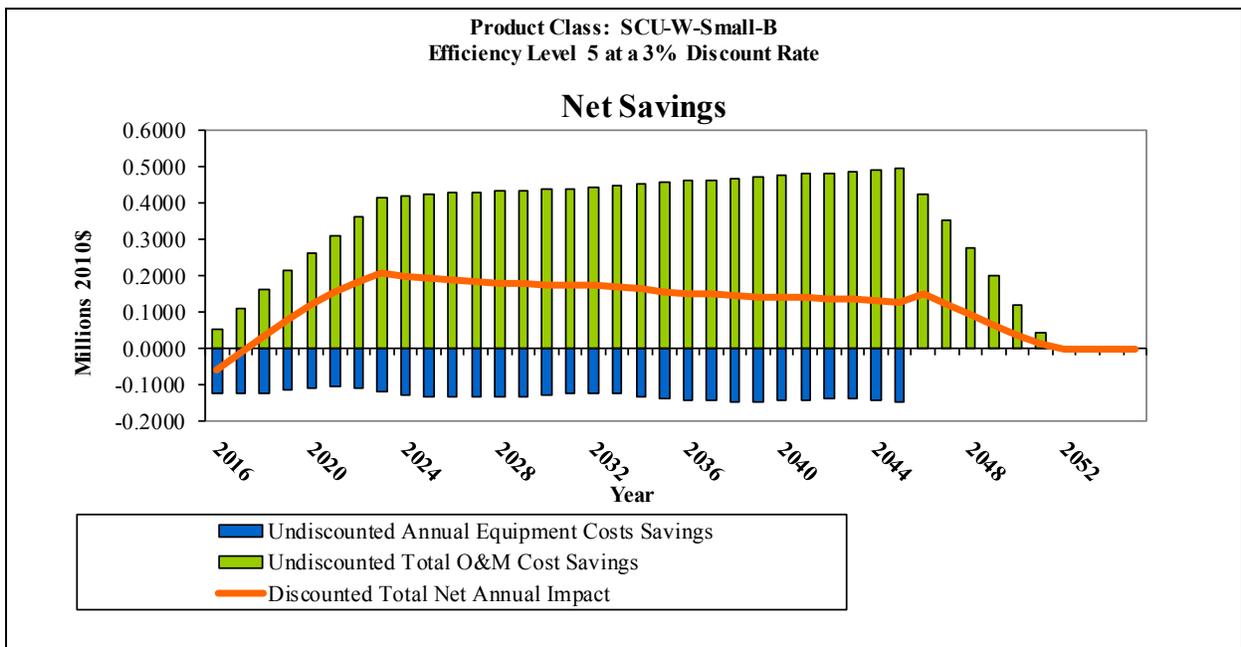


Figure 10B.9.10 National Annual Costs and Savings for SCU-W-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.10 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, WATER-COOLED, LARGE, BATCH (SCU-W-LARGE-B)

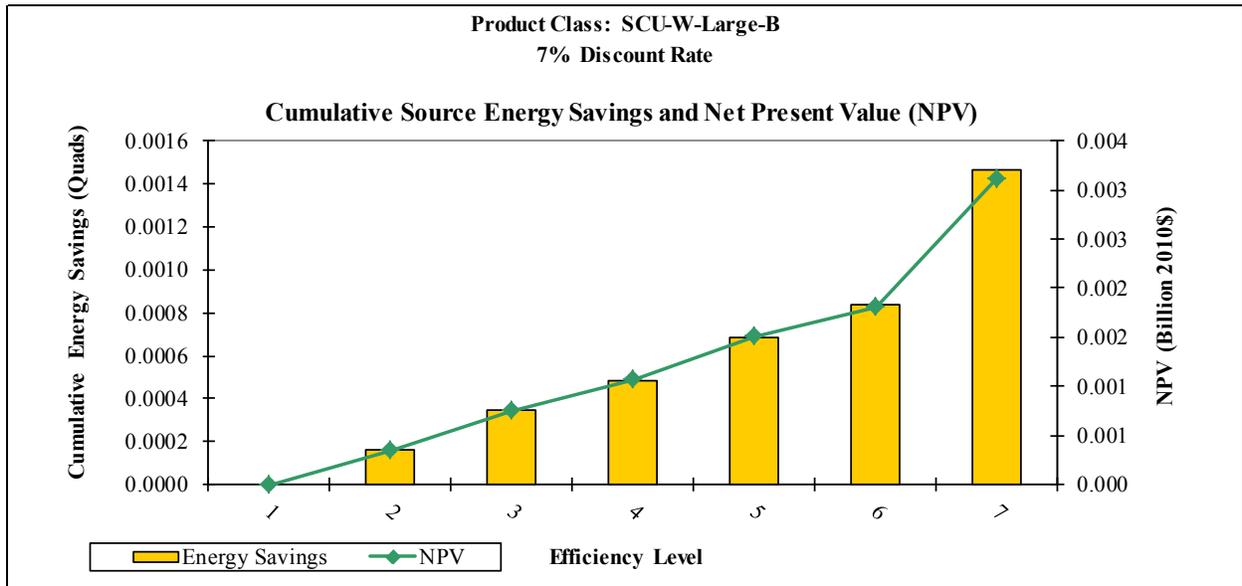


Figure 10B.10.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-W-Large-B

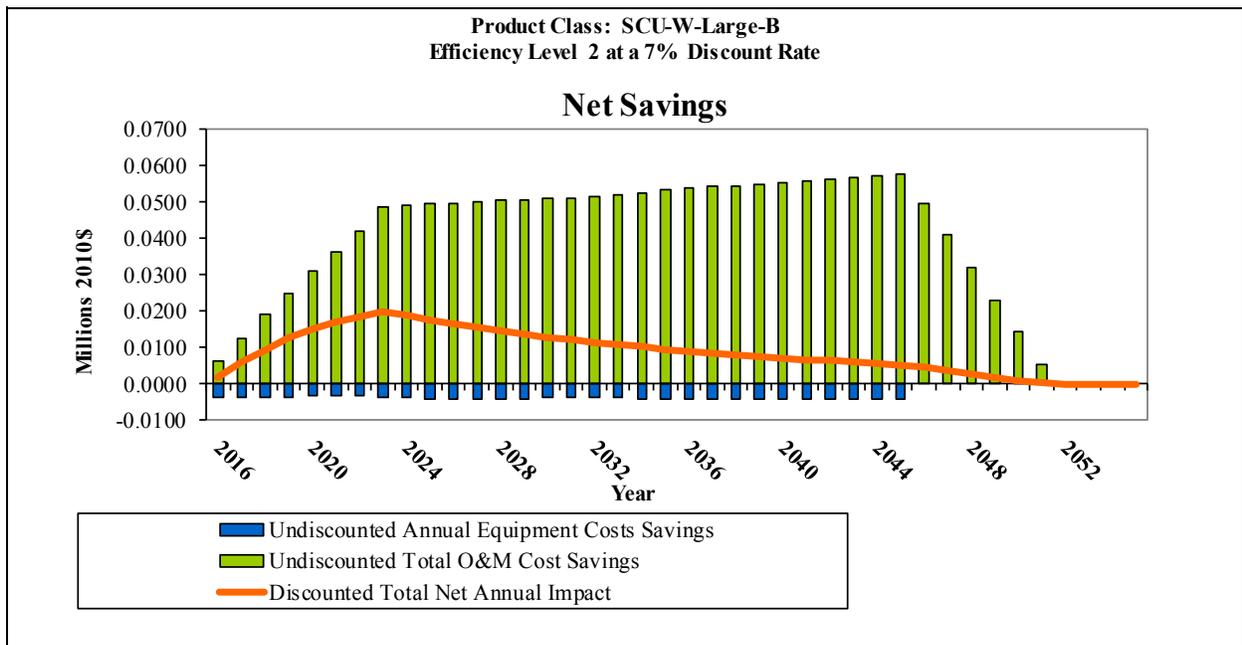


Figure 10B.10.2 National Annual Costs and Savings for SCU-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

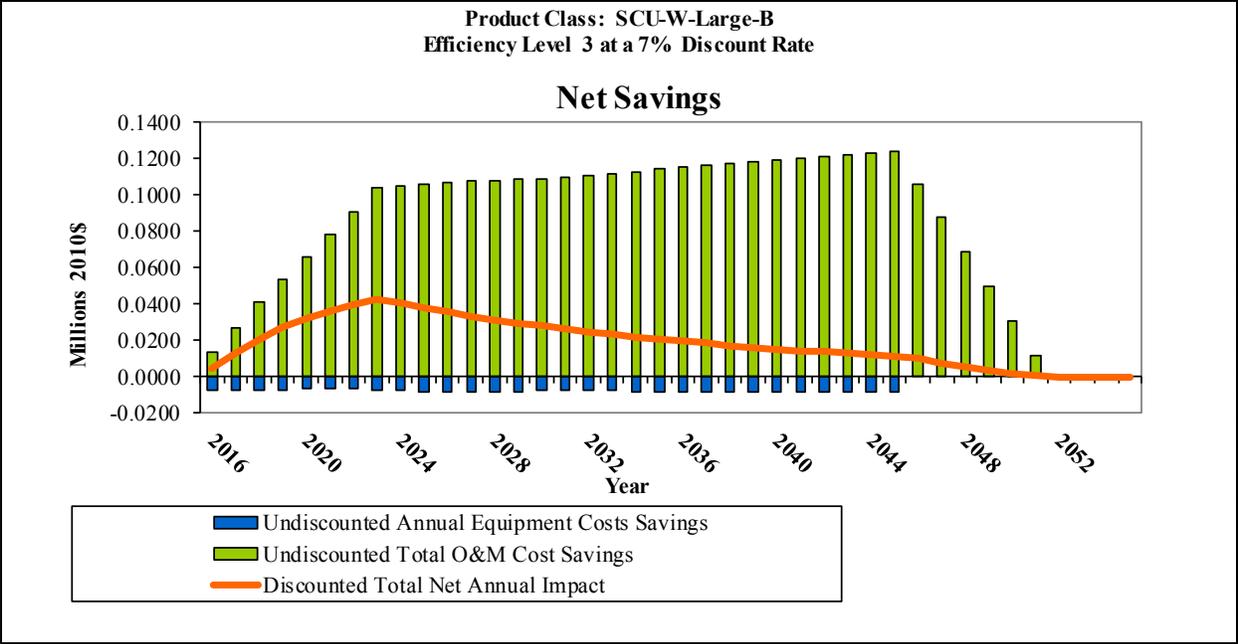


Figure 10B.10.3 National Annual Costs and Savings for SCU-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

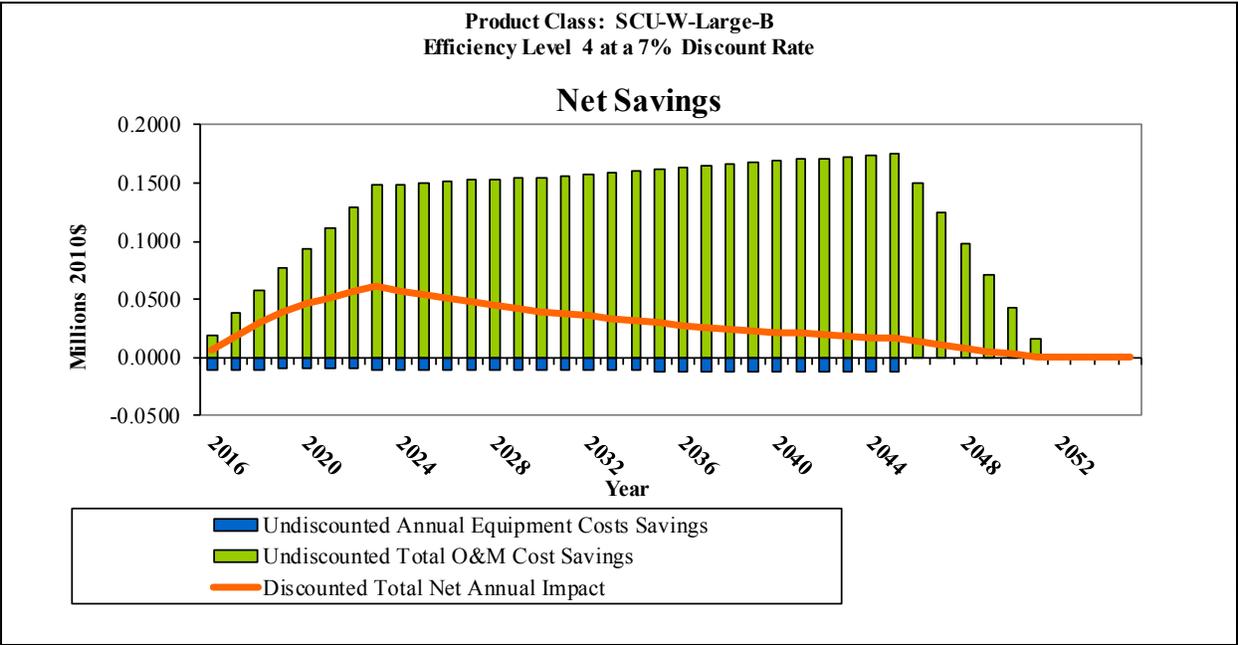


Figure 10B.10.4 National Annual Costs and Savings for SCU-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

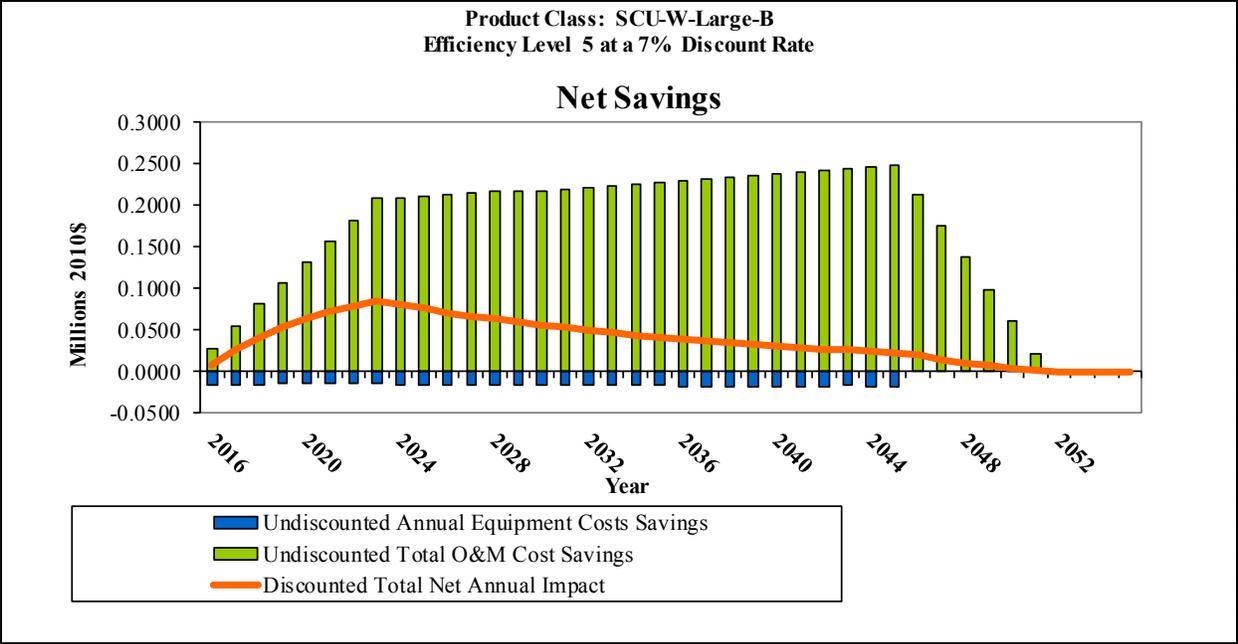


Figure 10B.10.5 National Annual Costs and Savings for SCU-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

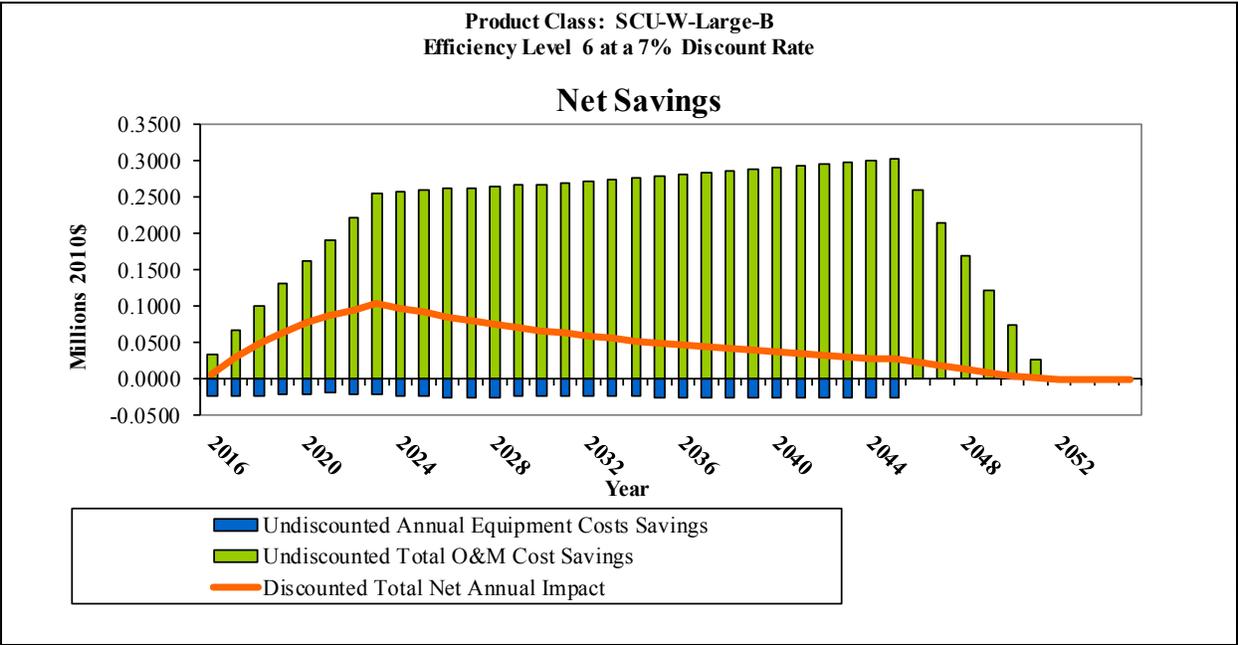


Figure 10B.10.6 National Annual Costs and Savings for SCU-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

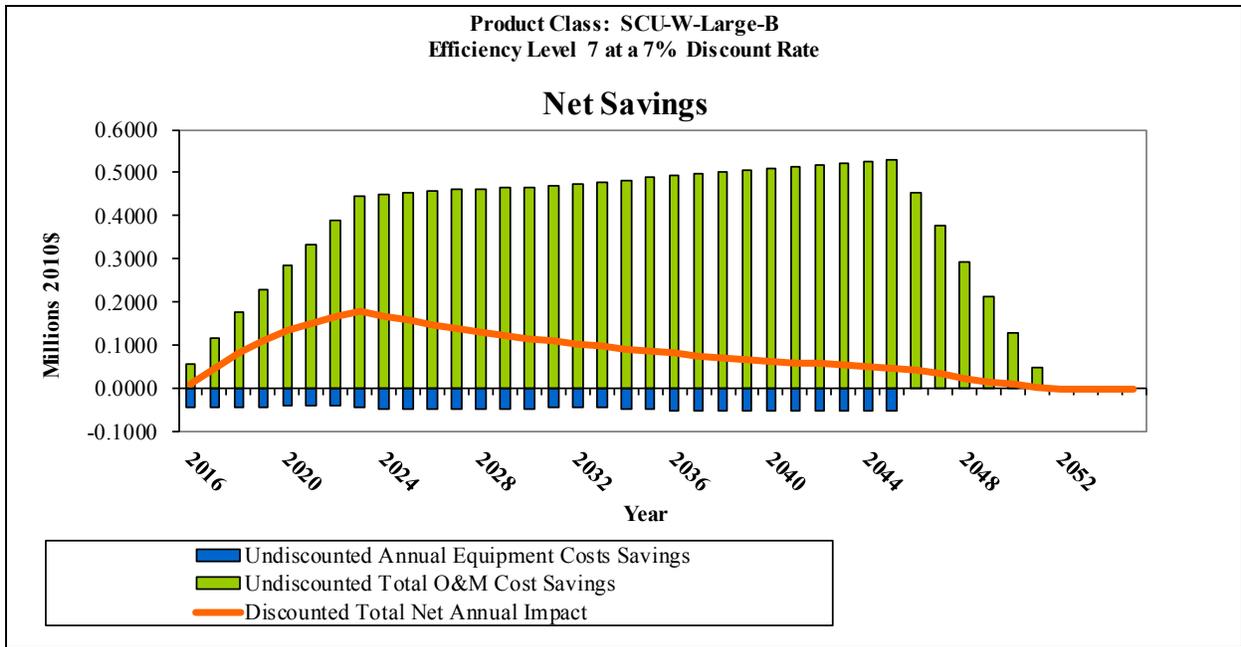


Figure 10B.10.7 National Annual Costs and Savings for SCU-W-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

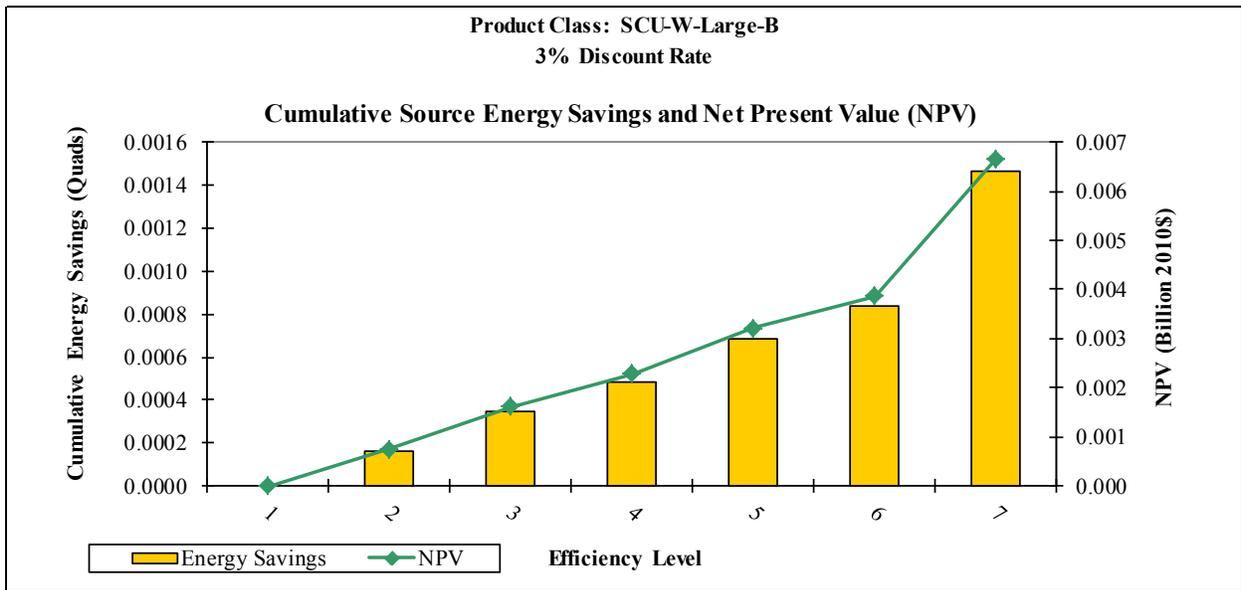


Figure 10B.10.8 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-W-Large-B

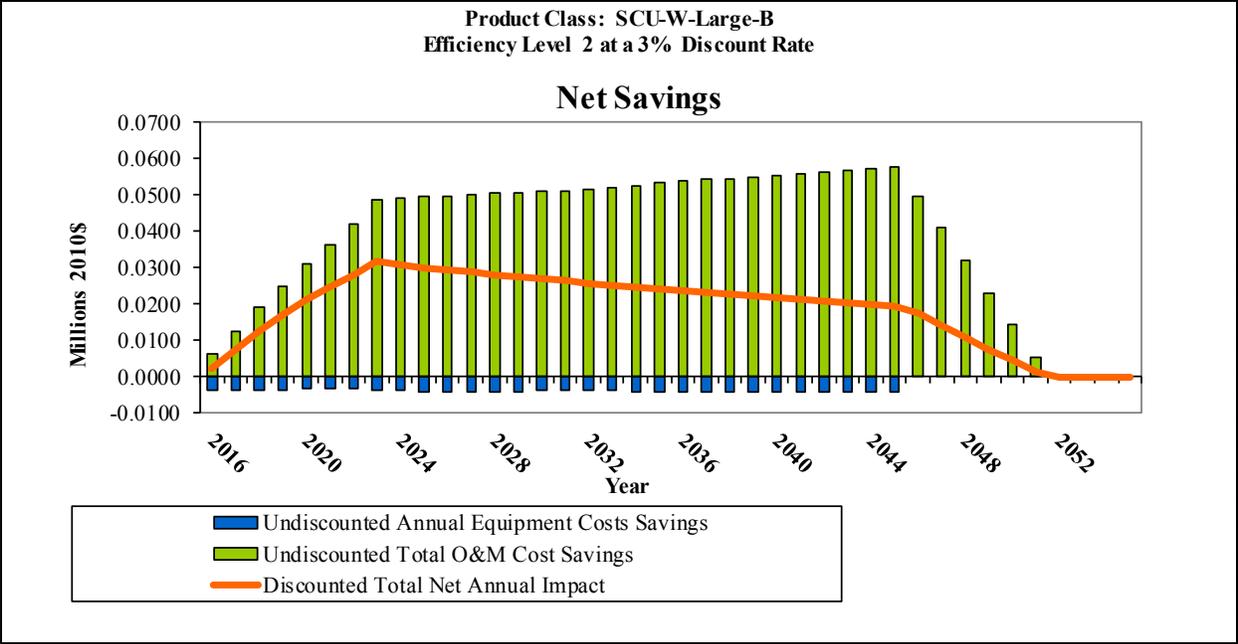


Figure 10B.10.9 National Annual Costs and Savings for SCU-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

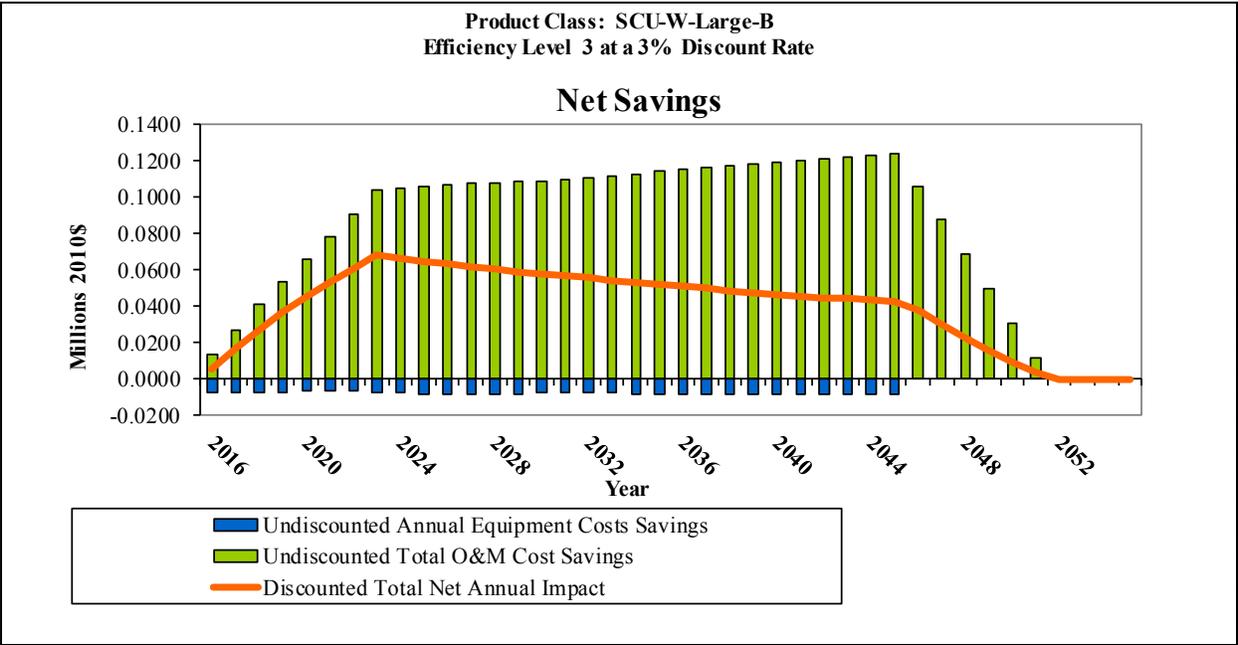


Figure 10B.10.10 National Annual Costs and Savings for SCU-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

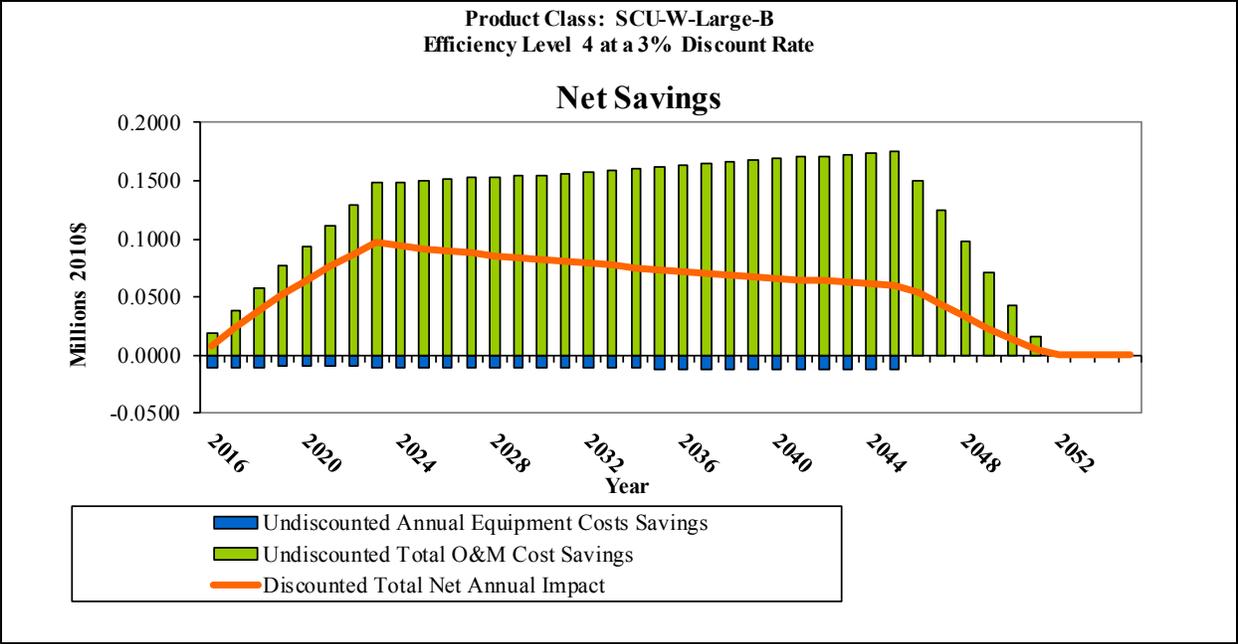


Figure 10B.10.11 National Annual Costs and Savings for SCU-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

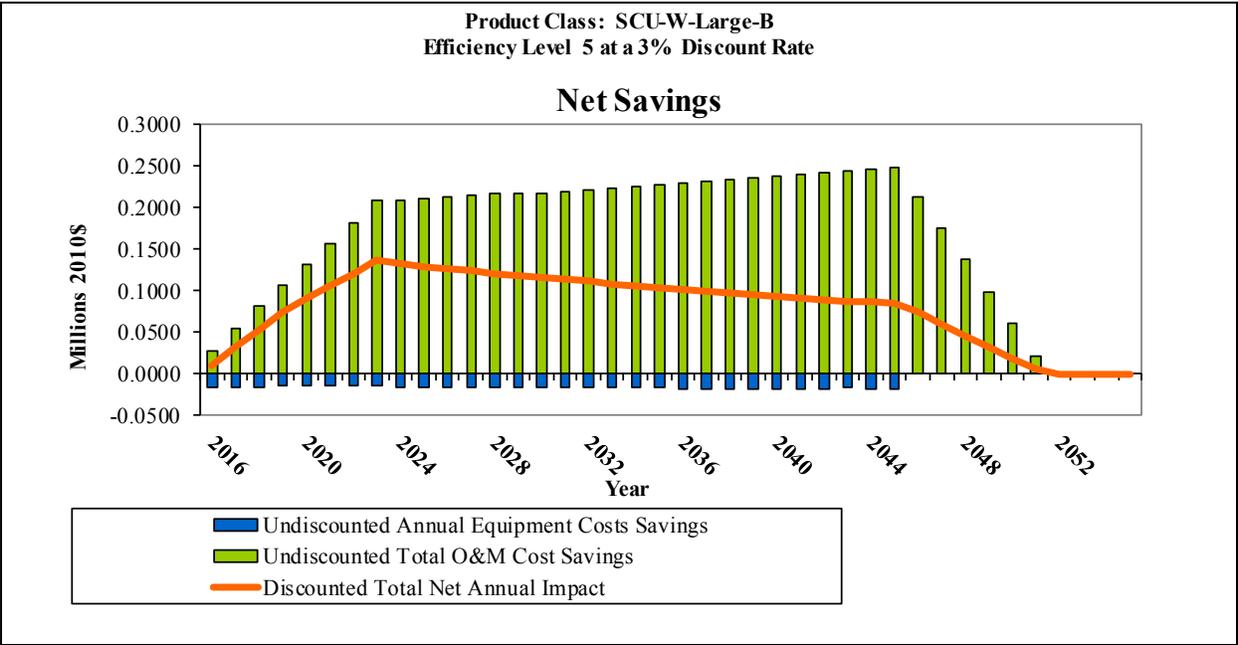


Figure 10B.10.12 National Annual Costs and Savings for SCU-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

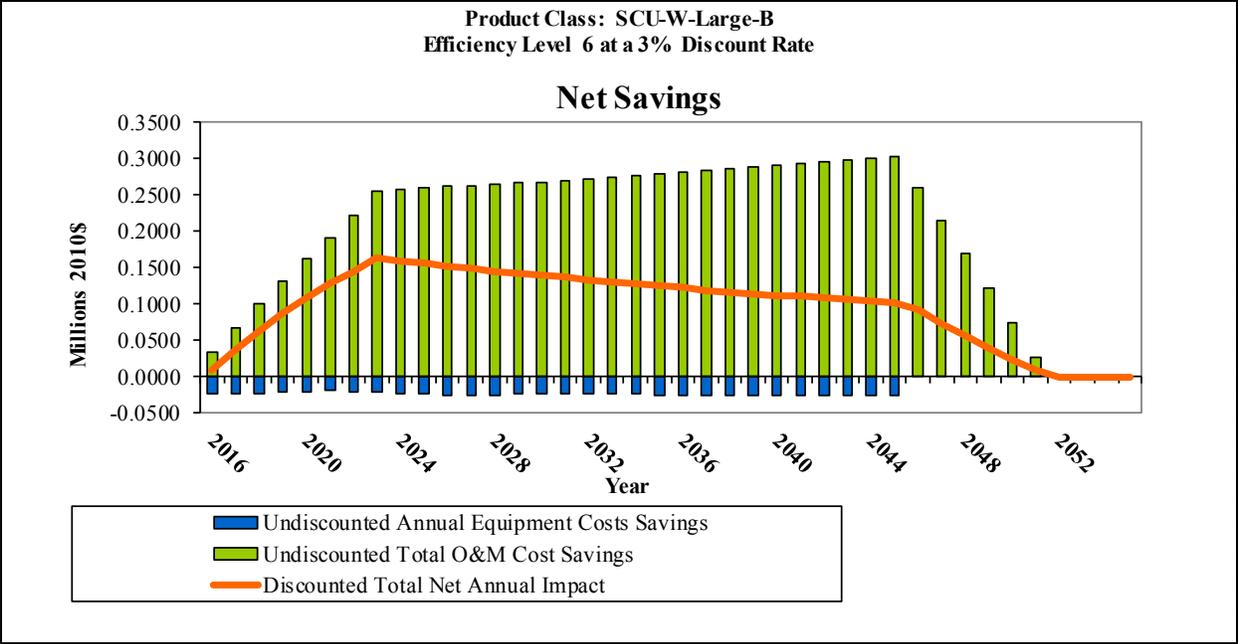


Figure 10B.10.13 National Annual Costs and Savings for SCU-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

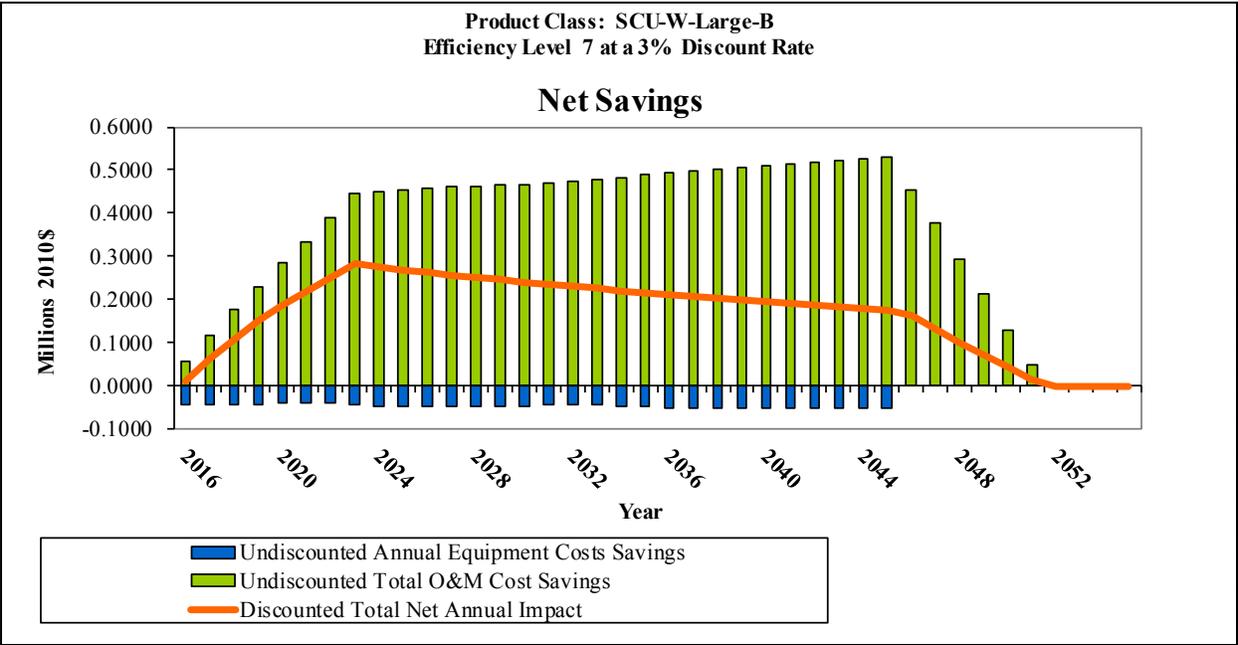


Figure 10B.10.14 National Annual Costs and Savings for SCU-W-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.11 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, AIR-COOLED, SMALL, BATCH (SCU-A-SMALL-B)

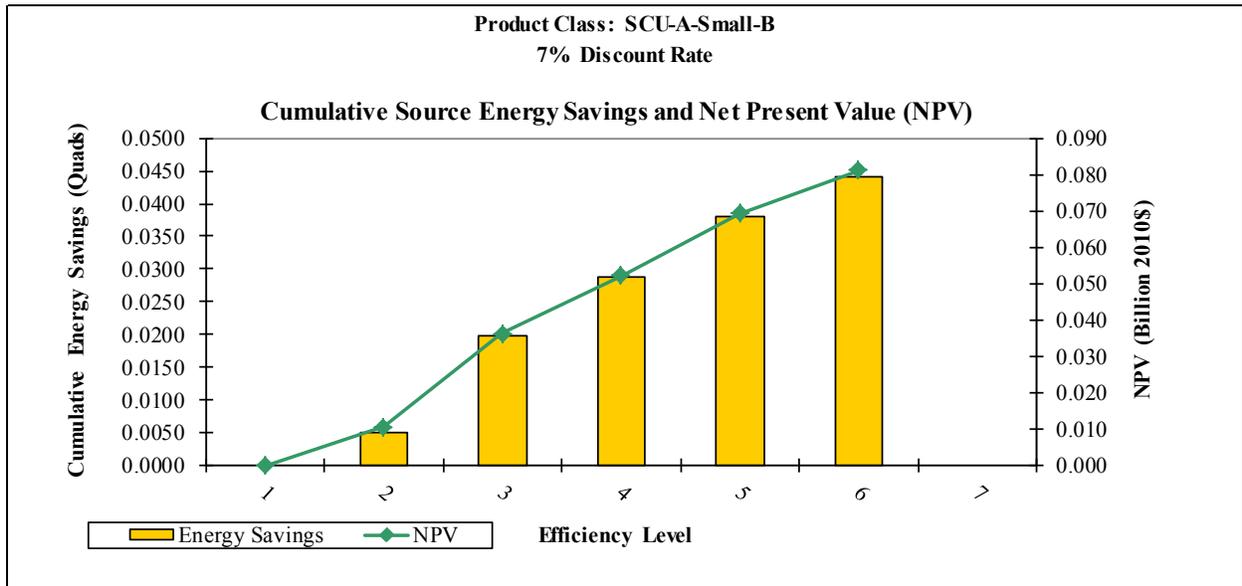


Figure 10B.11.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-A-Small-B

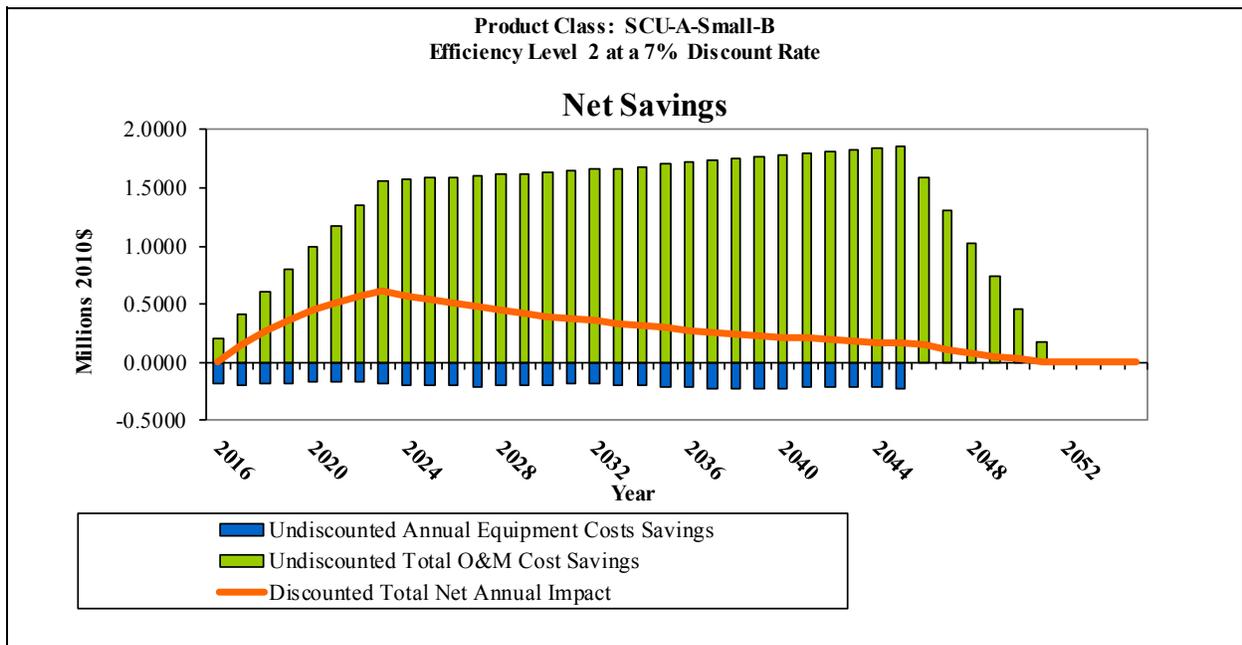


Figure 10B.11.2 National Annual Costs and Savings for SCU-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

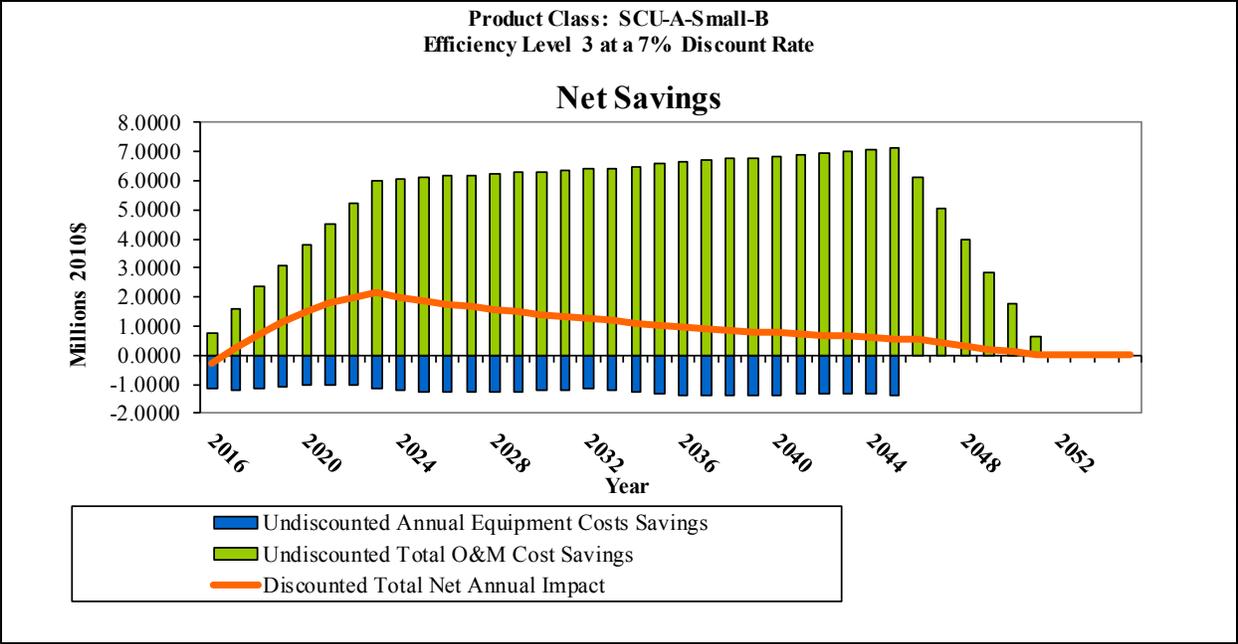


Figure 10B.11.3 National Annual Costs and Savings for SCU-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

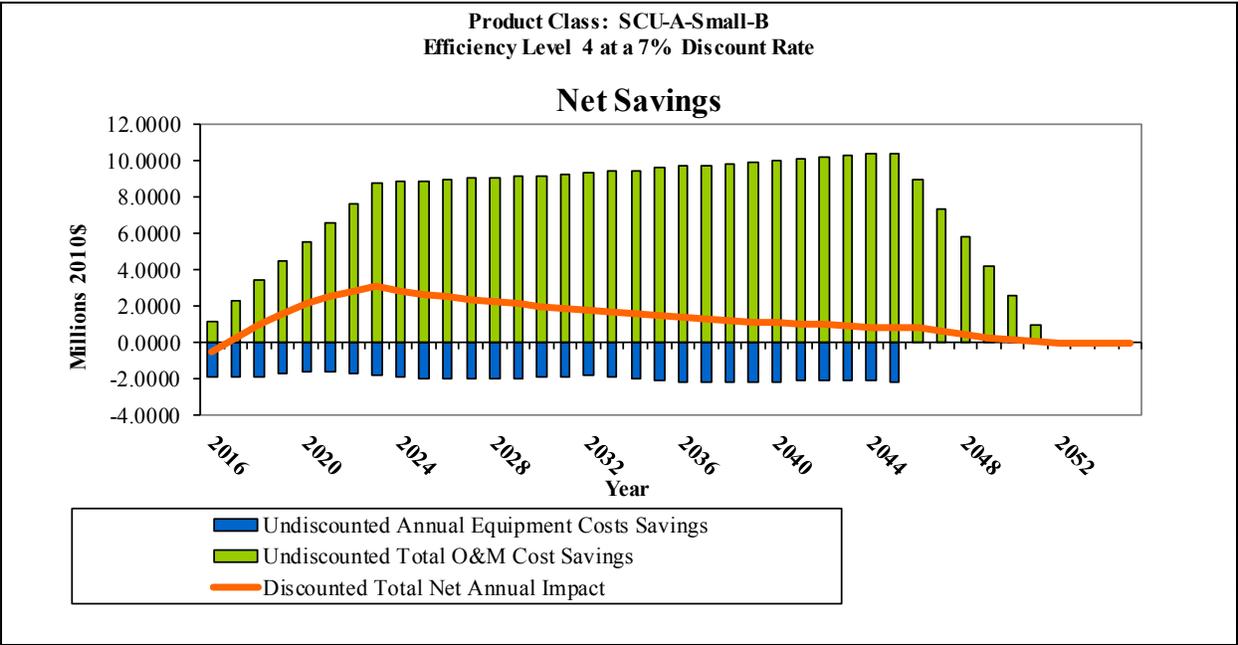


Figure 10B.11.4 National Annual Costs and Savings for SCU-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

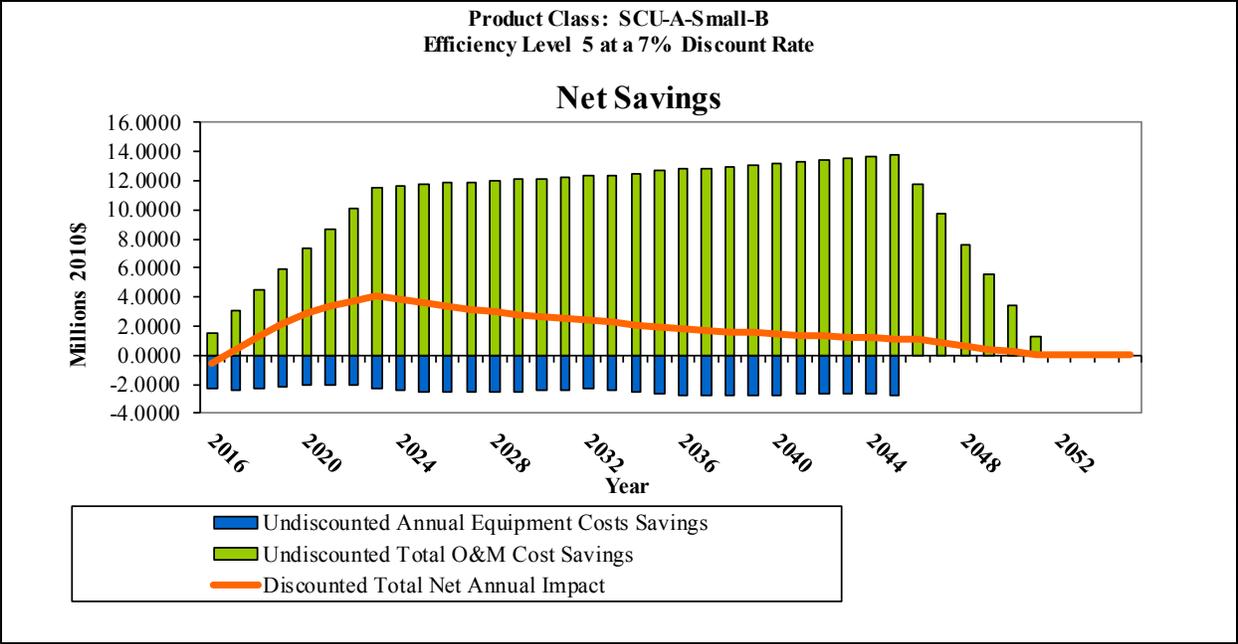


Figure 10B.11.5 National Annual Costs and Savings for SCU-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

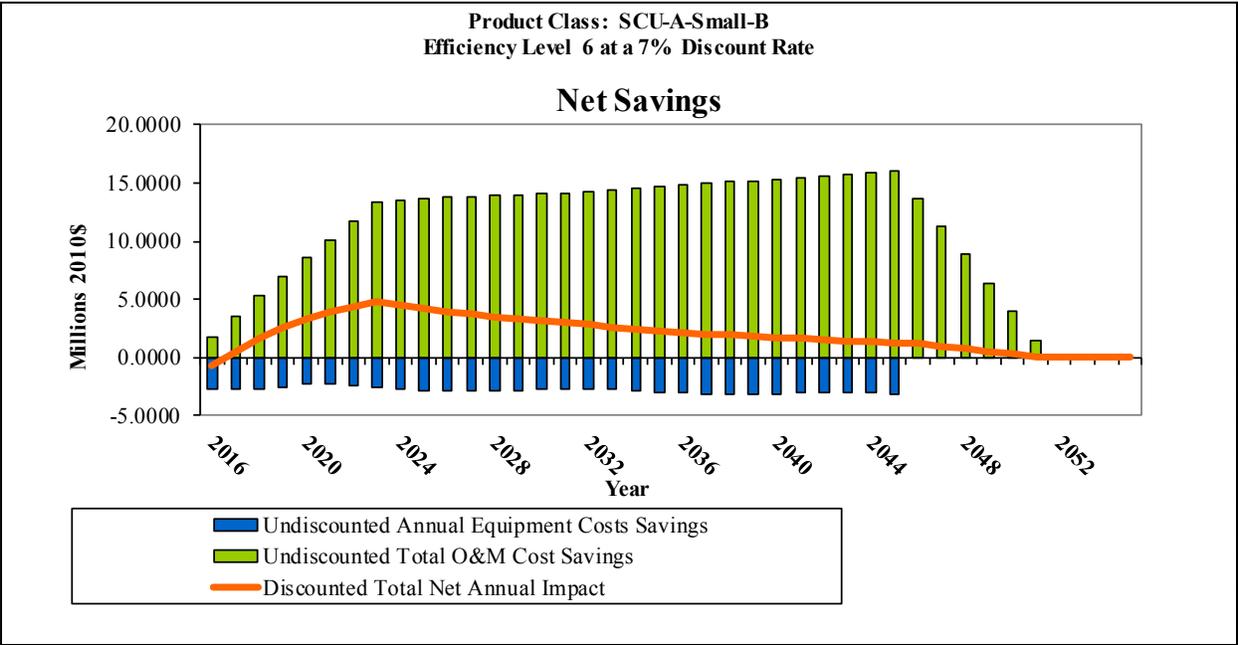


Figure 10B.11.6 National Annual Costs and Savings for SCU-A-Small-B Based on a 7-Percent Discount Rate (Million 2010\$)

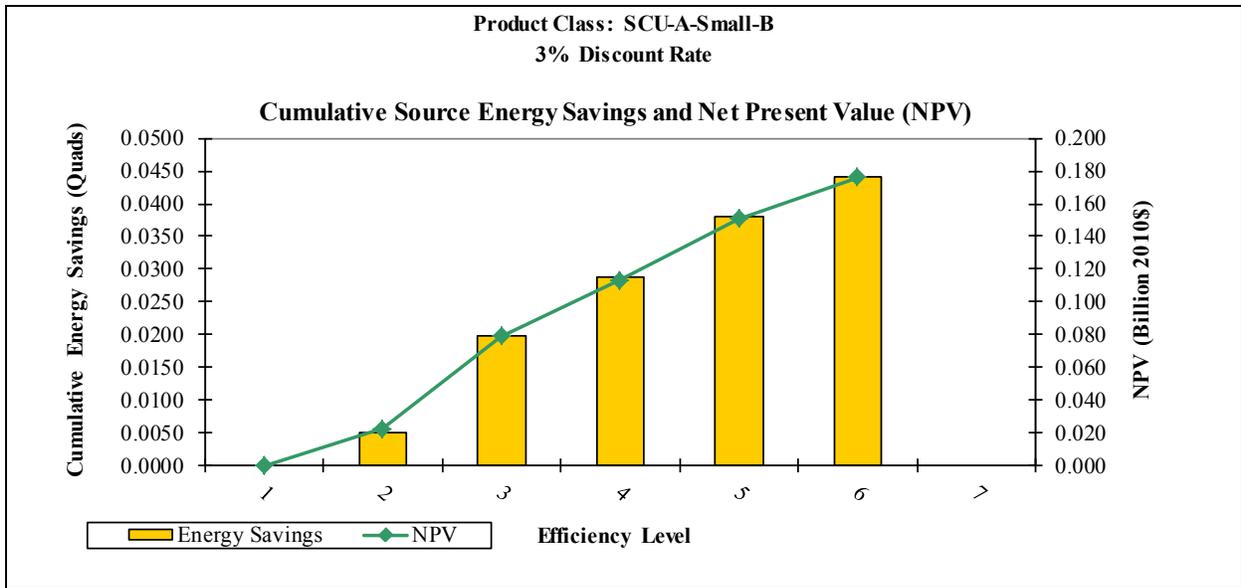


Figure 10B.11.7 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-A-Small-B

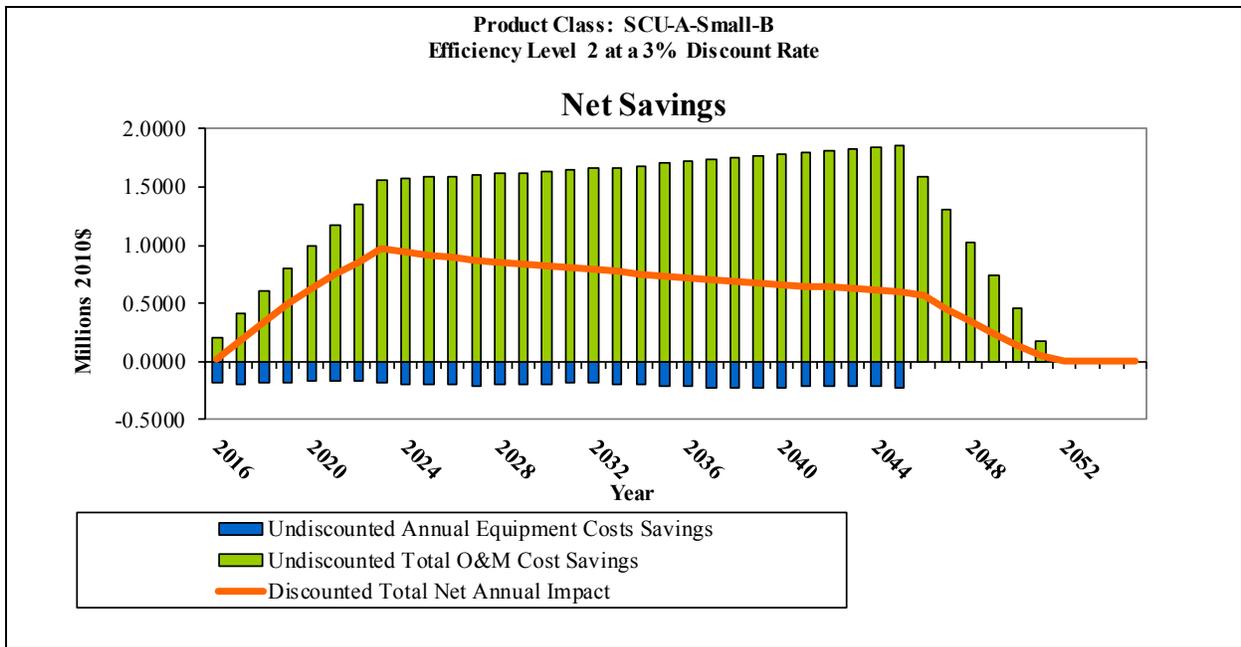


Figure 10B.11.8 National Annual Costs and Savings for SCU-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

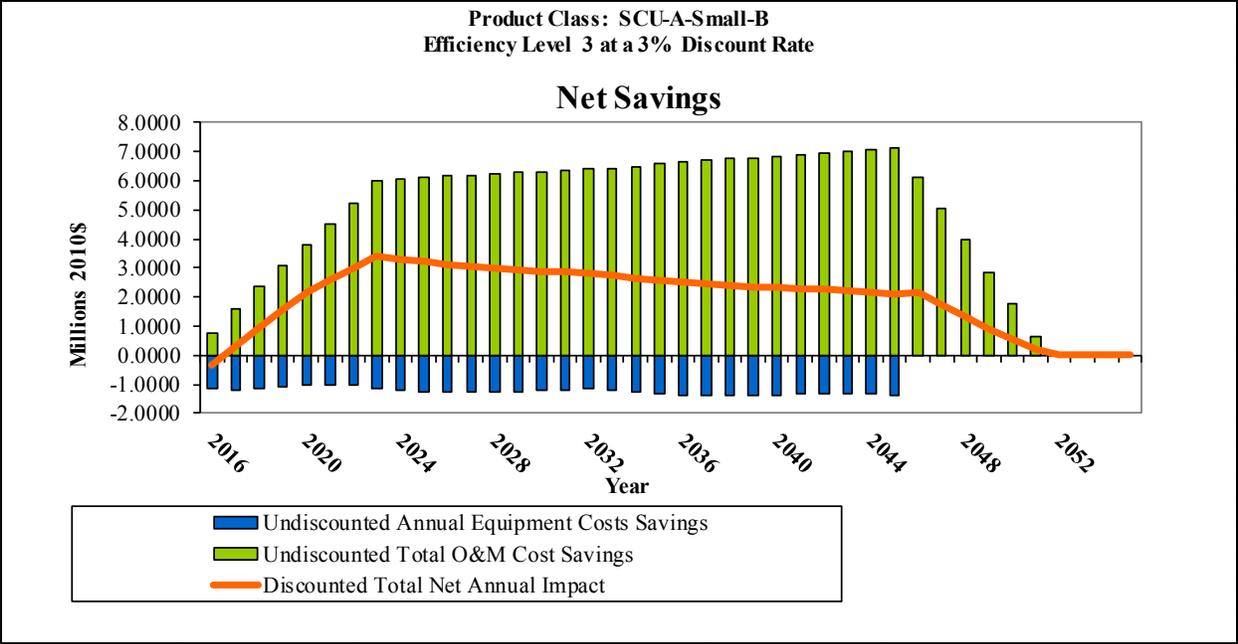


Figure 10B.11.9 National Annual Costs and Savings for SCU-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

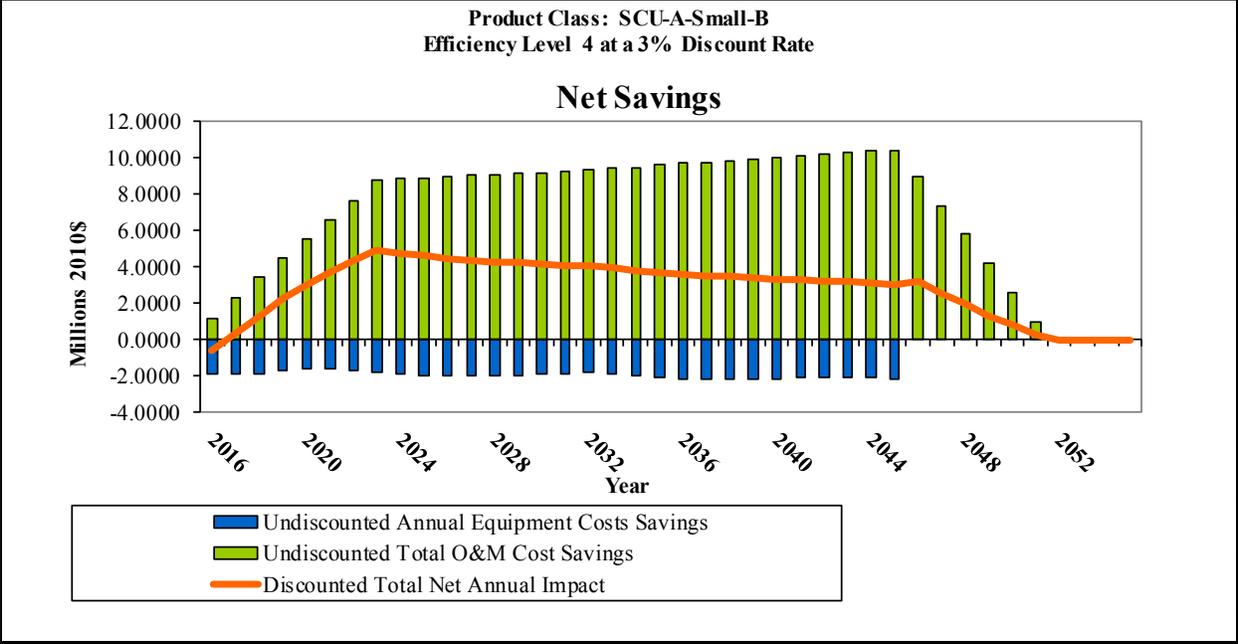


Figure 10B.11.10 National Annual Costs and Savings for SCU-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

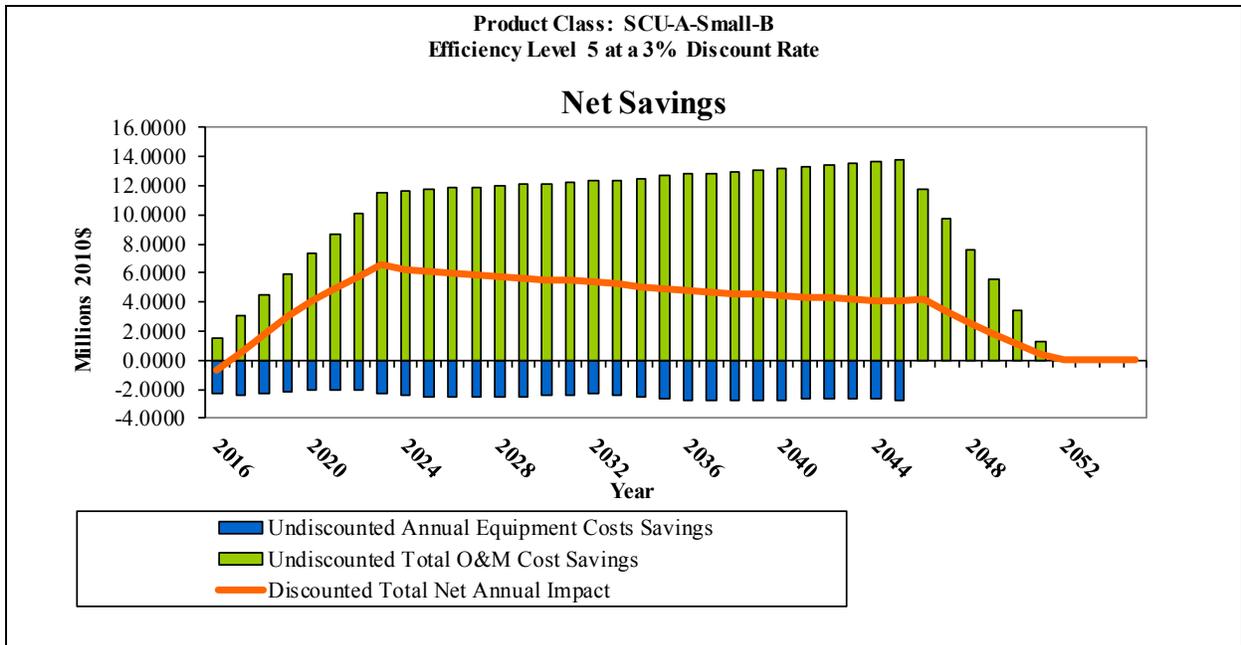


Figure 10B.11.11 National Annual Costs and Savings for SCU-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

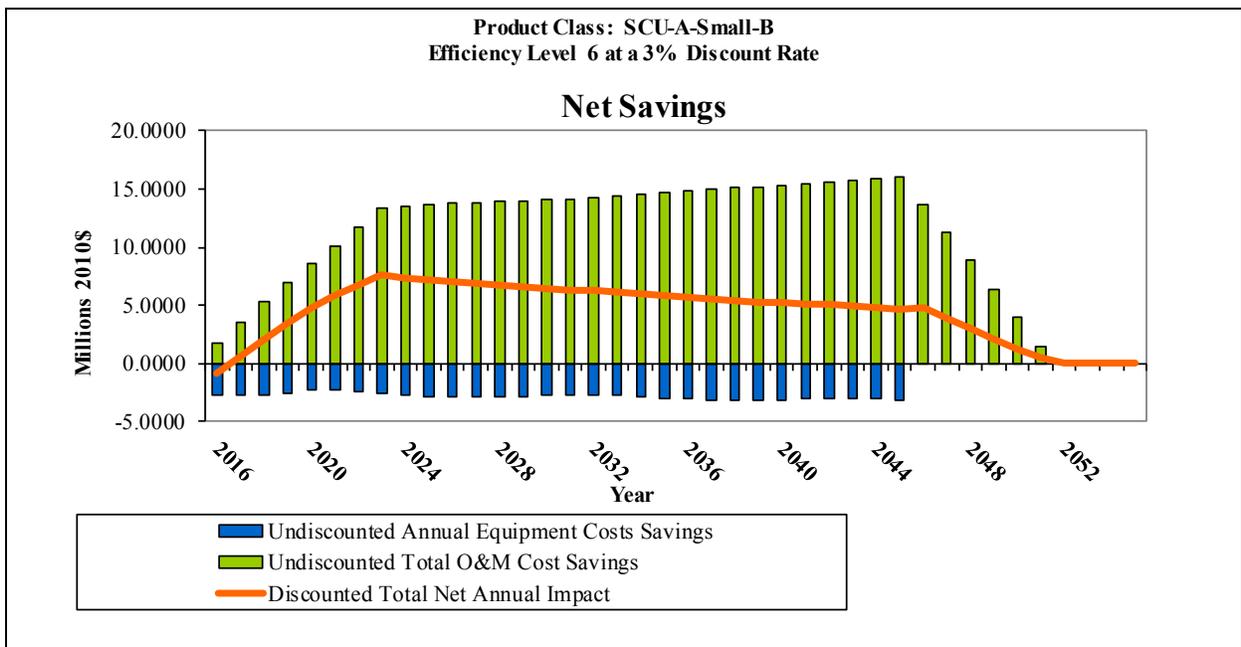


Figure 10B.11.12 National Annual Costs and Savings for SCU-A-Small-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.12 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, AIR-COOLED, LARGE, BATCH (SCU-A-LARGE-B)

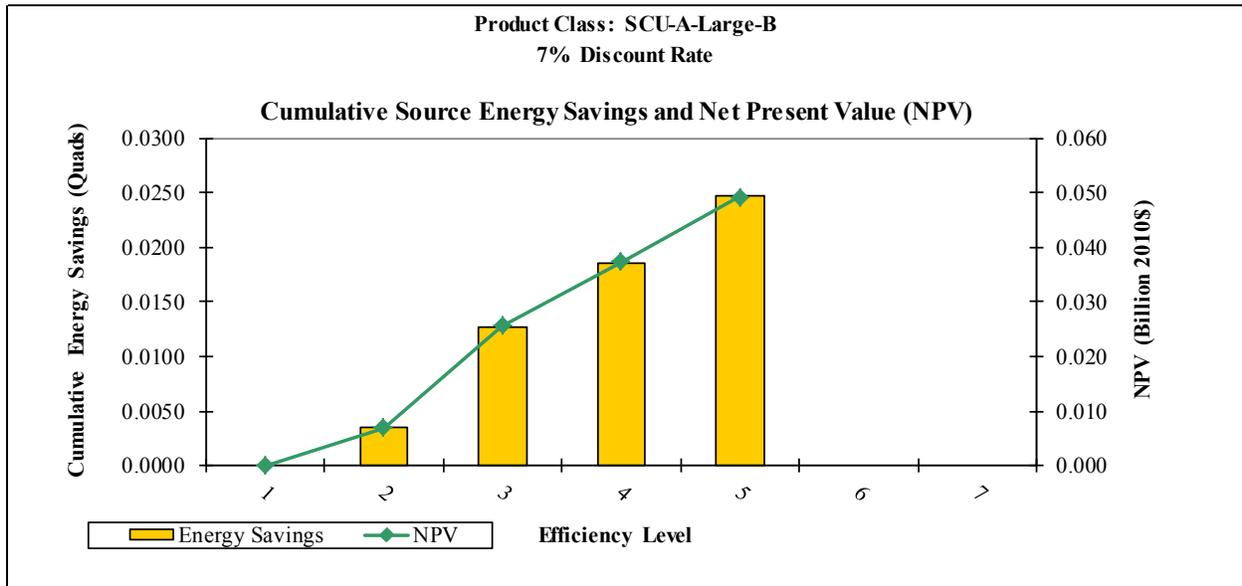


Figure 10B.12.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-A-Large-B

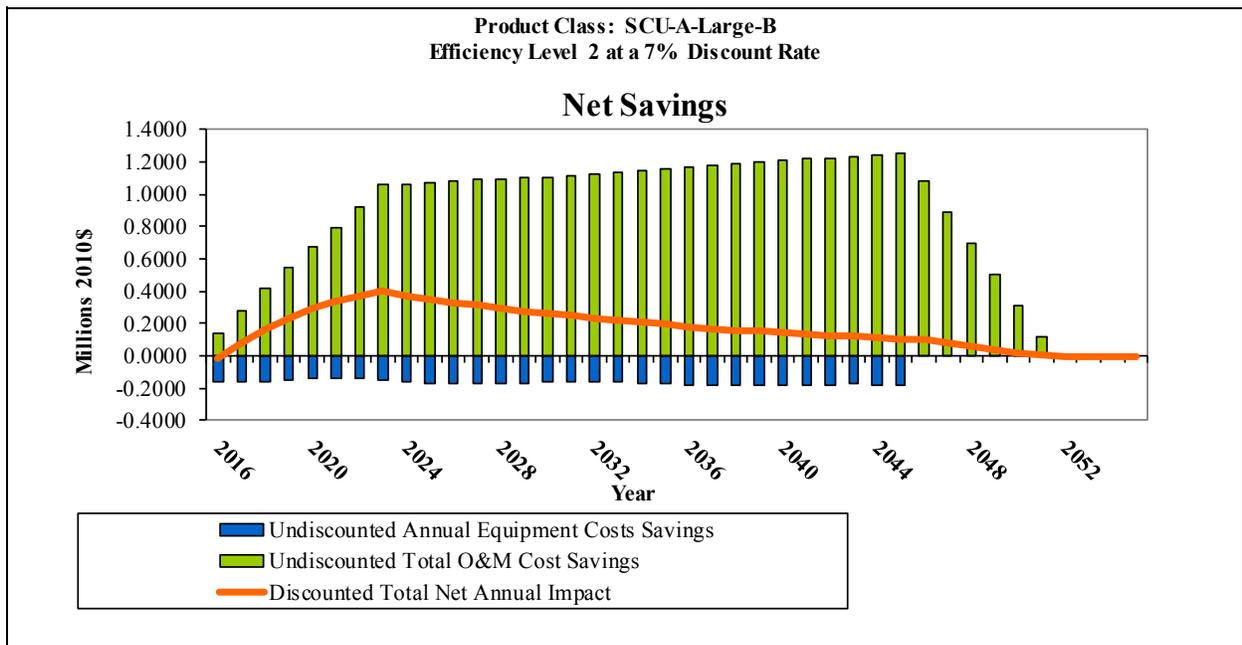


Figure 10B.12.2 National Annual Costs and Savings for SCU-A-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

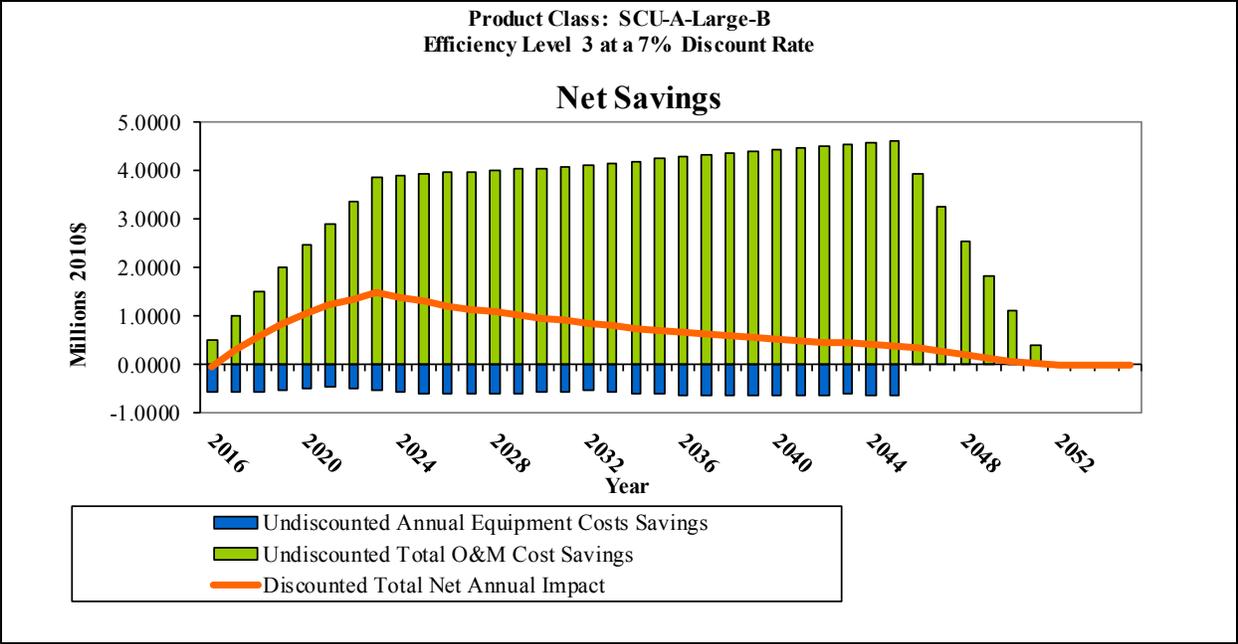


Figure 10B.12.3 National Annual Costs and Savings for SCU-A-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

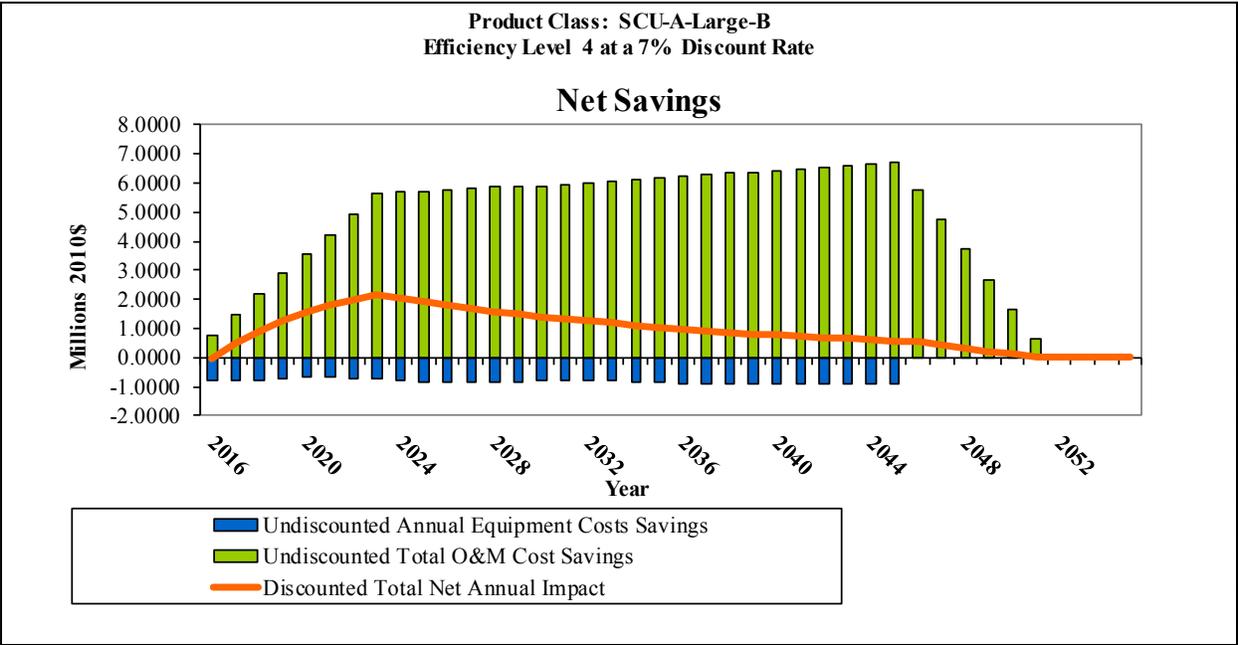


Figure 10B.12.4 National Annual Costs and Savings for SCU-A-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

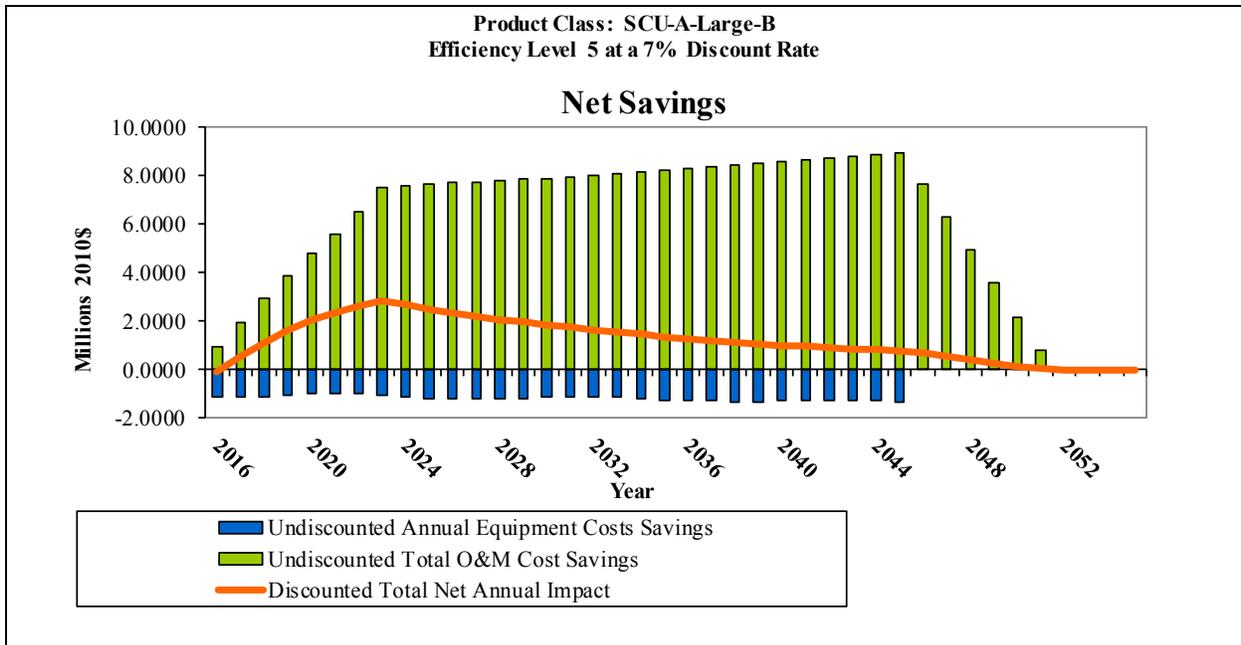


Figure 10B.12.5 National Annual Costs and Savings for SCU-A-Large-B Based on a 7-Percent Discount Rate (Million 2010\$)

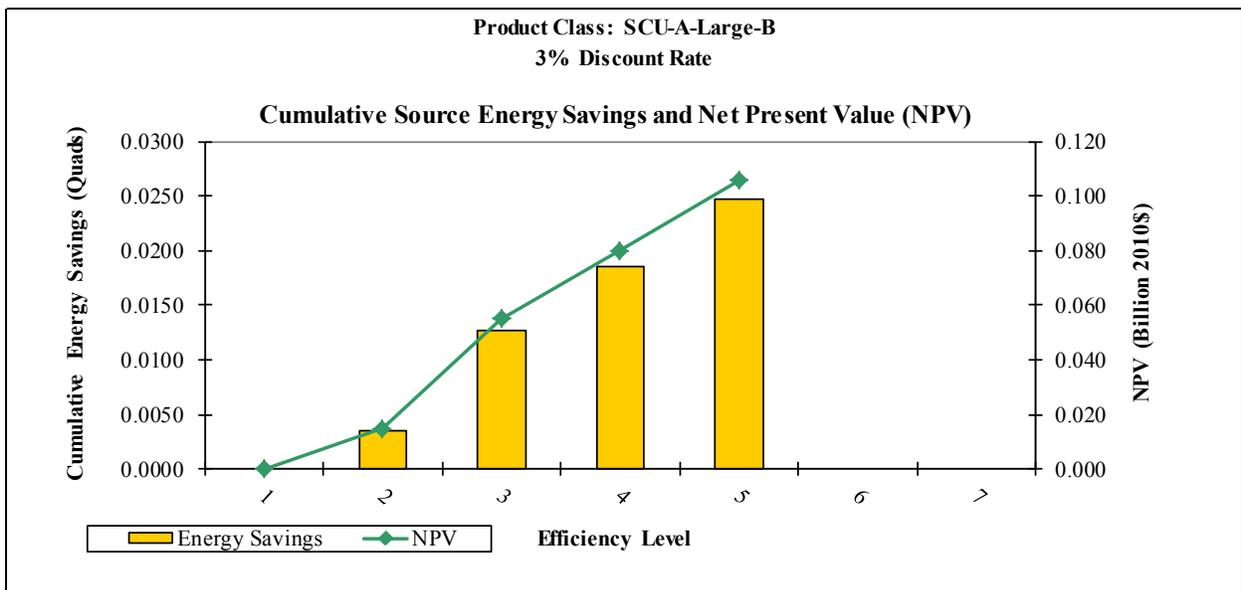


Figure 10B.12.6 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-A-Large-B

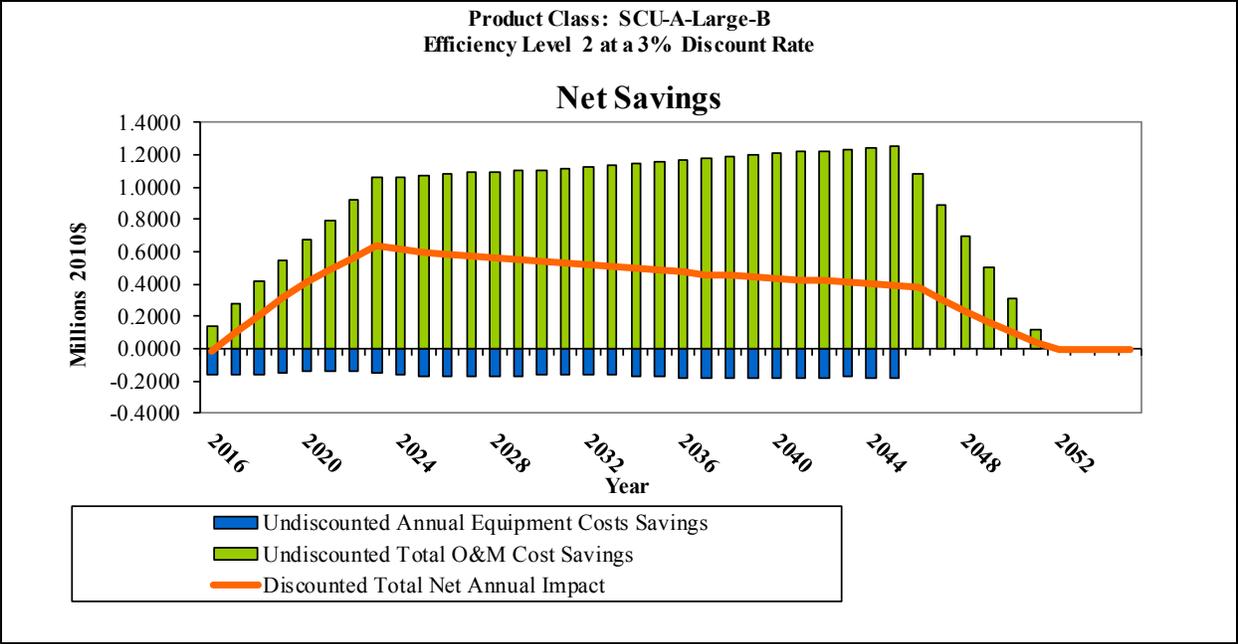


Figure 10B.12.7 National Annual Costs and Savings for SCU-A-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

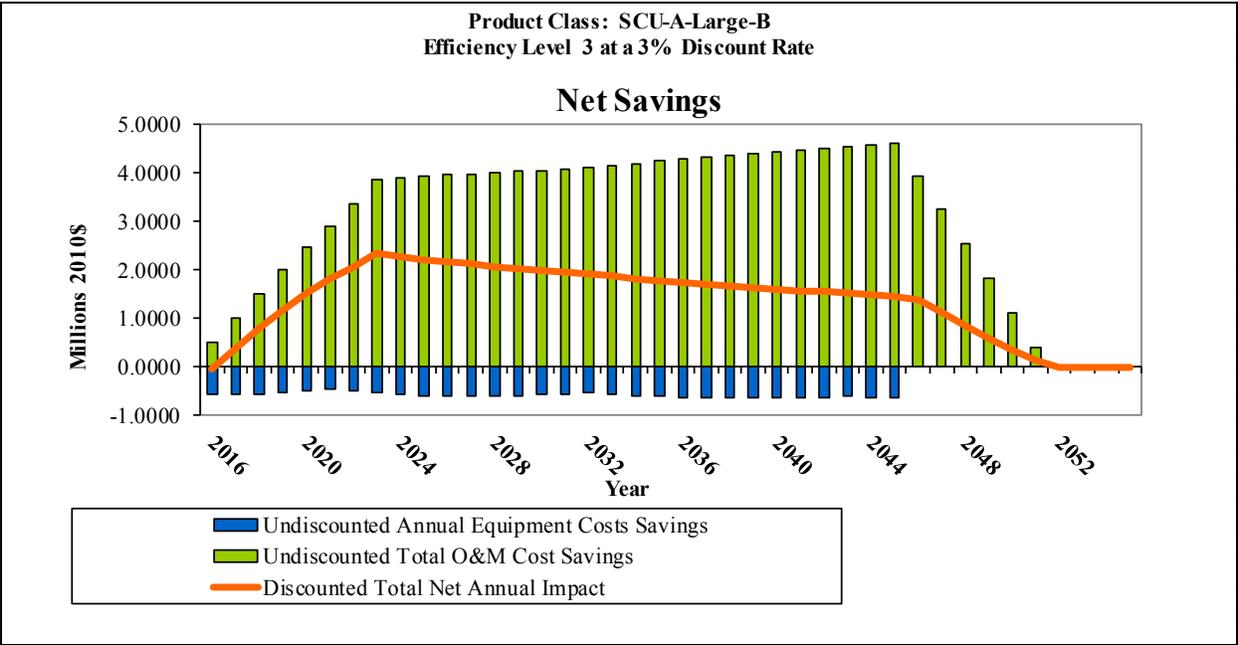


Figure 10B.12.8 National Annual Costs and Savings for SCU-A-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

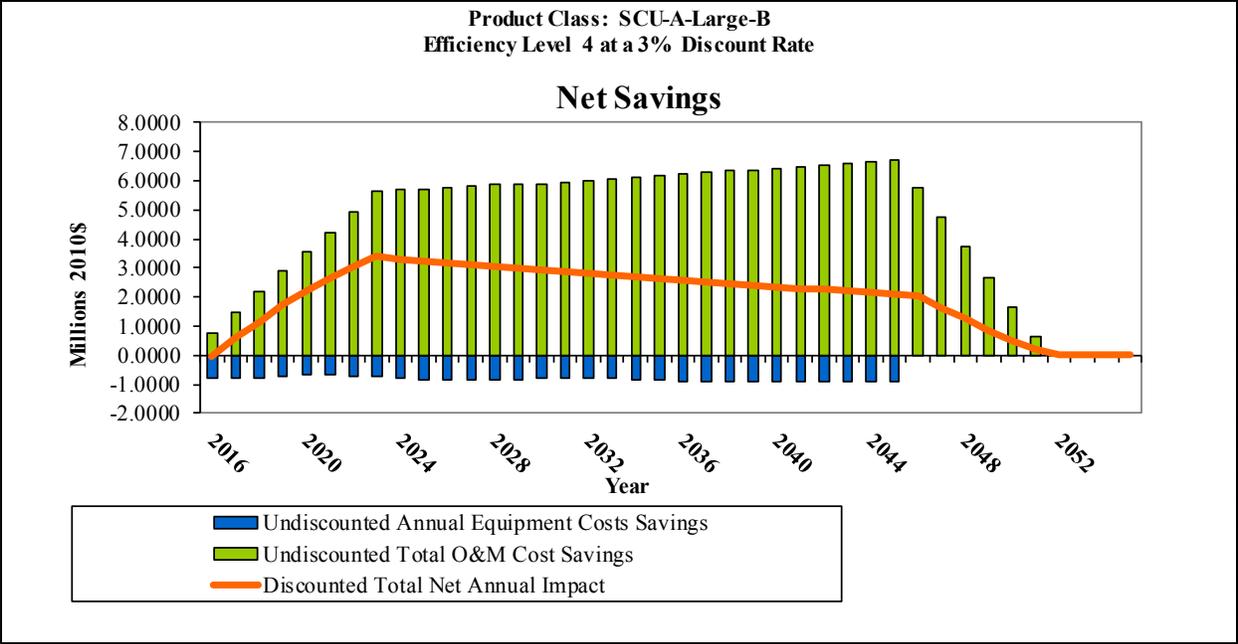


Figure 10B.12.9 National Annual Costs and Savings for SCU-A-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

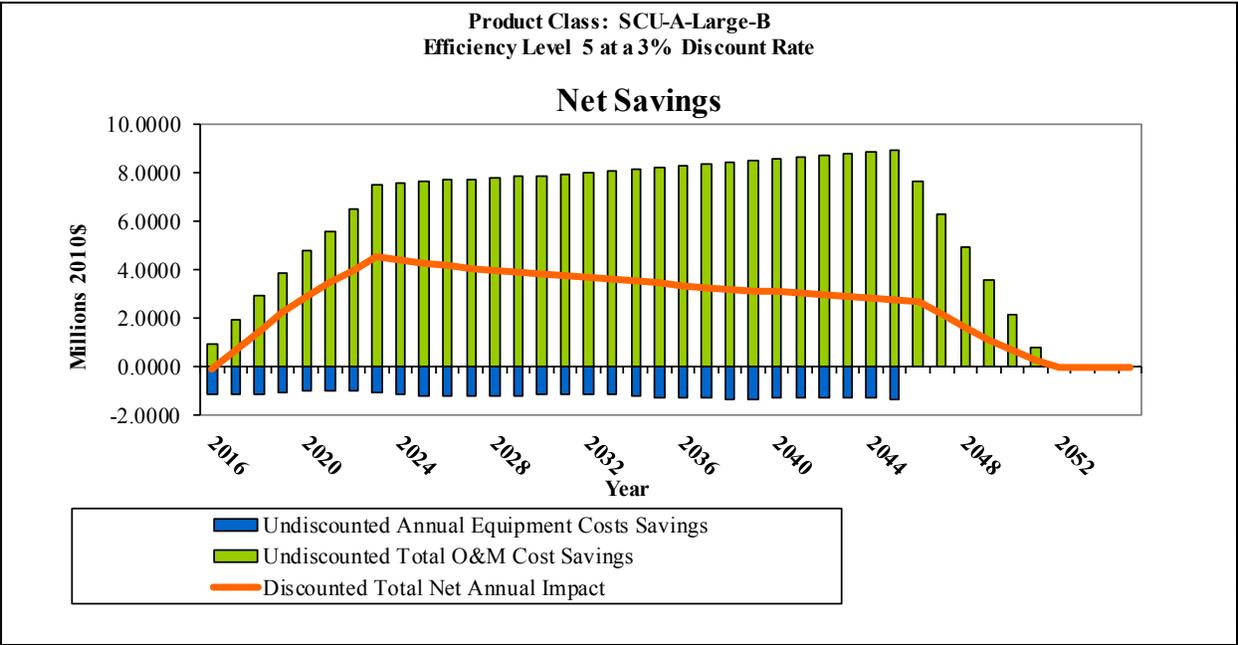


Figure 10B.12.10 National Annual Costs and Savings for SCU-A-Large-B Based on a 3-Percent Discount Rate (Million 2010\$)

10B.13 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, WATER-COOLED, SMALL, CONTINUOUS (IMH-W-SMALL-C)

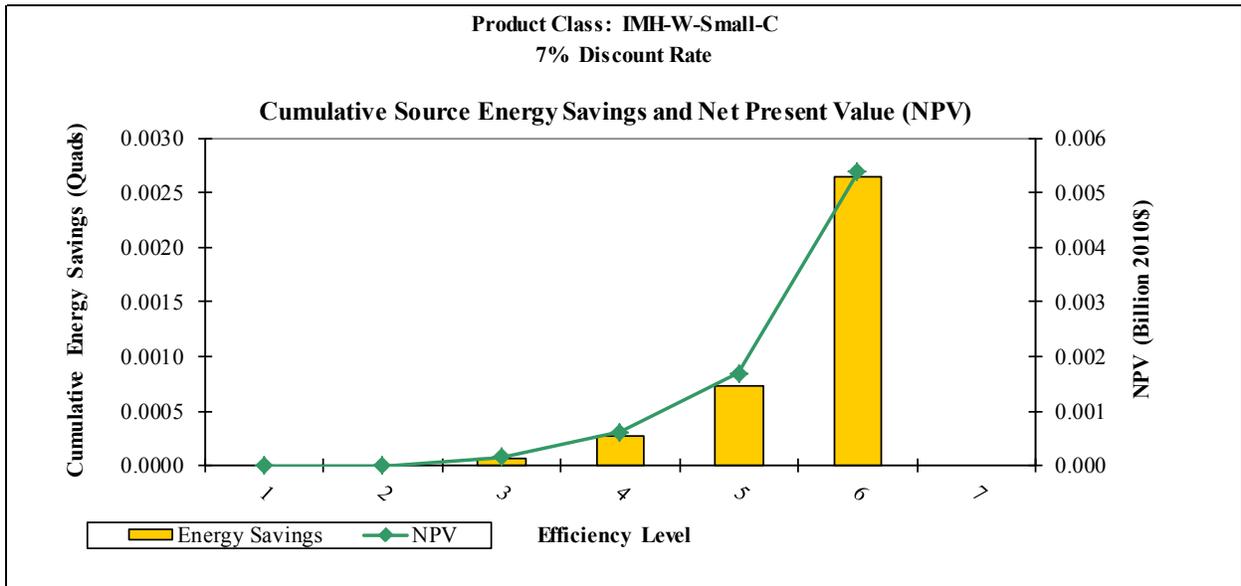


Figure 10B.13.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-W-Small-C

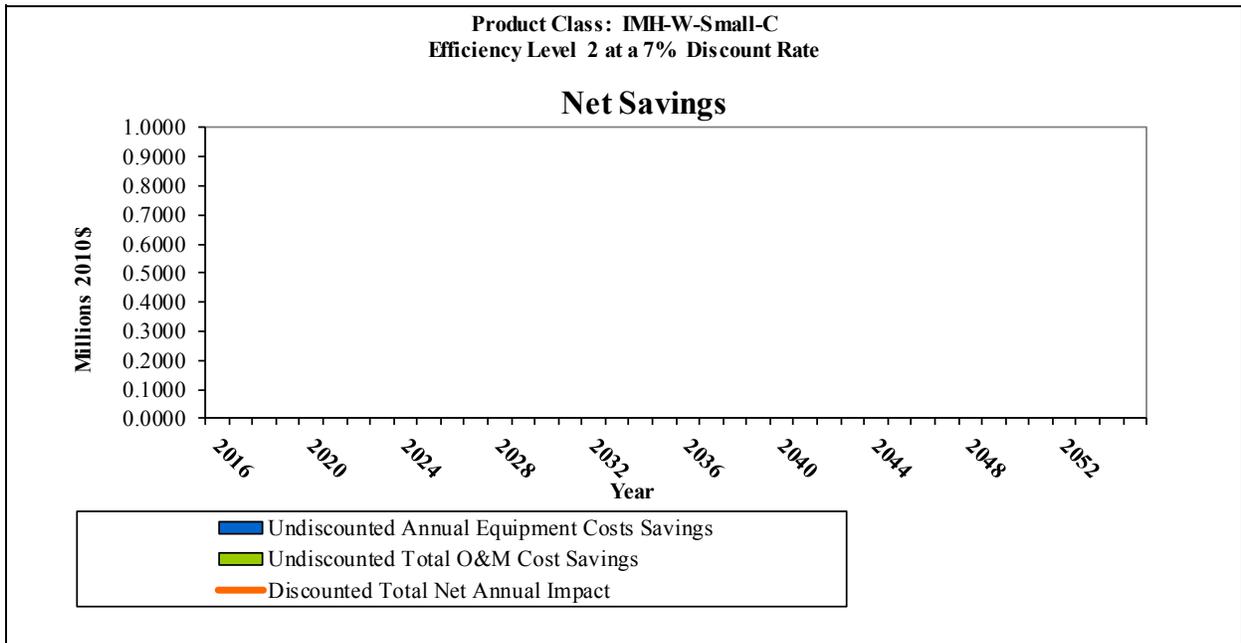


Figure 10B.13.2 National Annual Costs and Savings for IMH-W-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

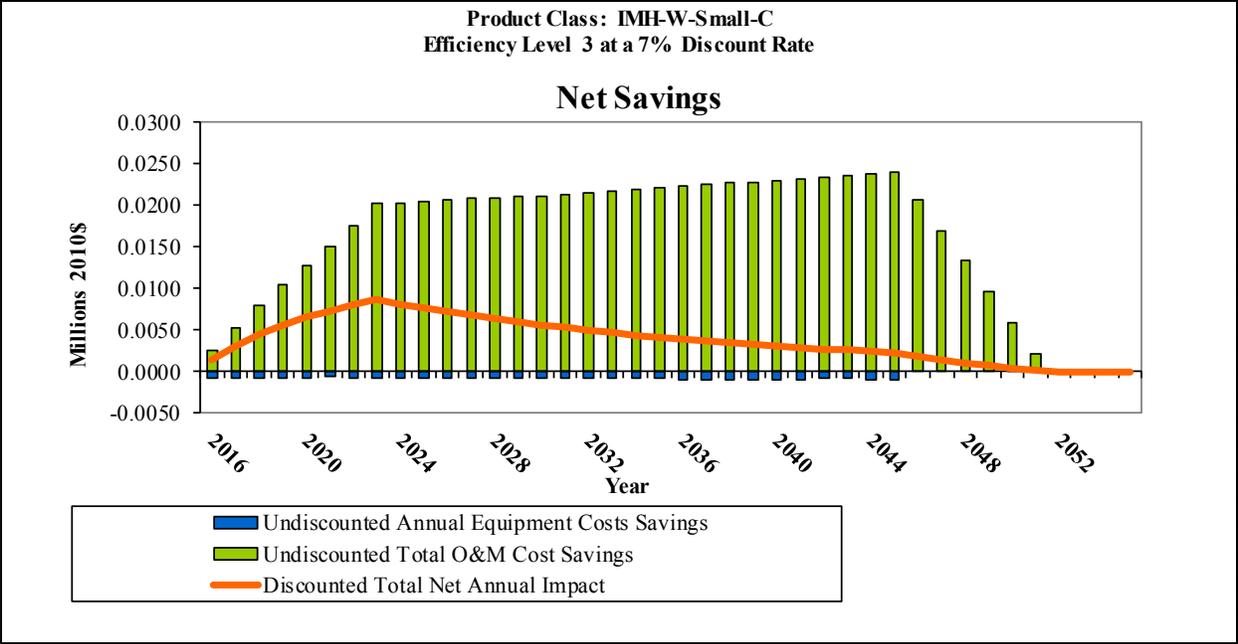


Figure 10B.13.3 National Annual Costs and Savings for IMH-W-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

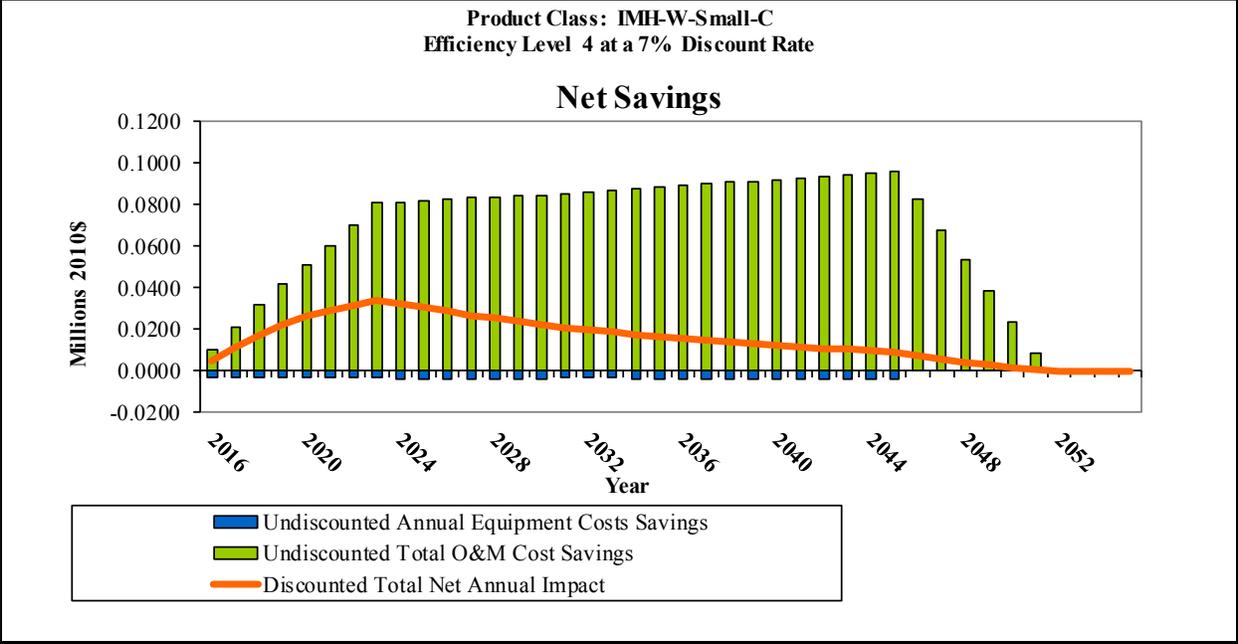


Figure 10B.13.4 National Annual Costs and Savings for IMH-W-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

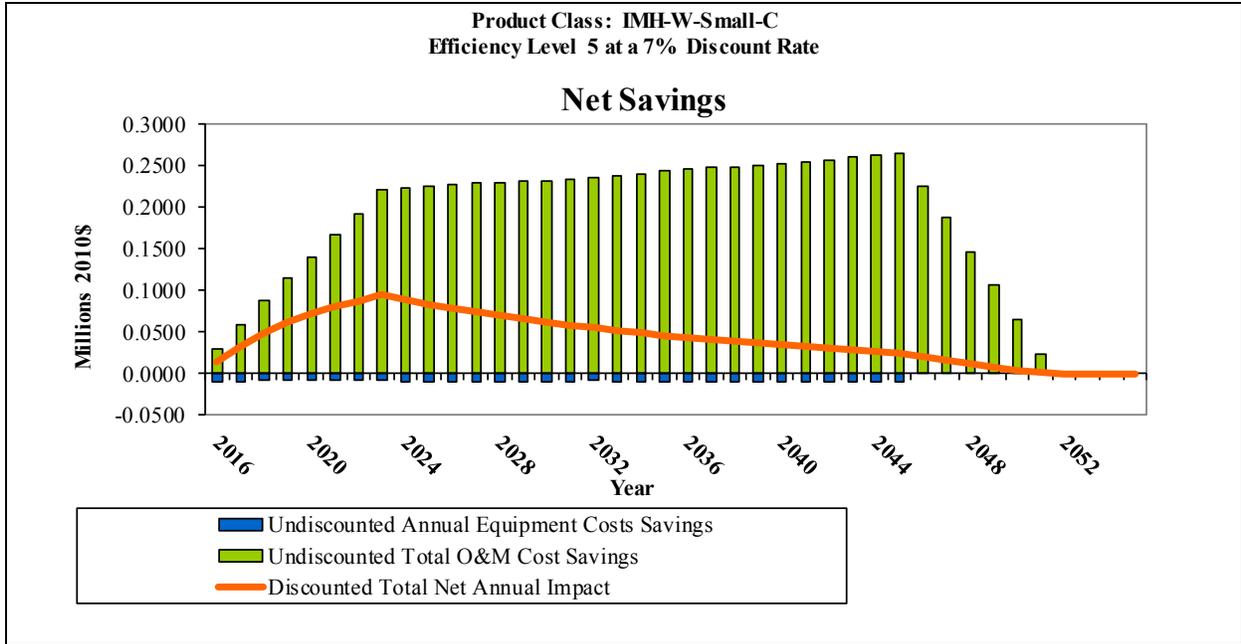


Figure 10B.13.5 National Annual Costs and Savings for IMH-W-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

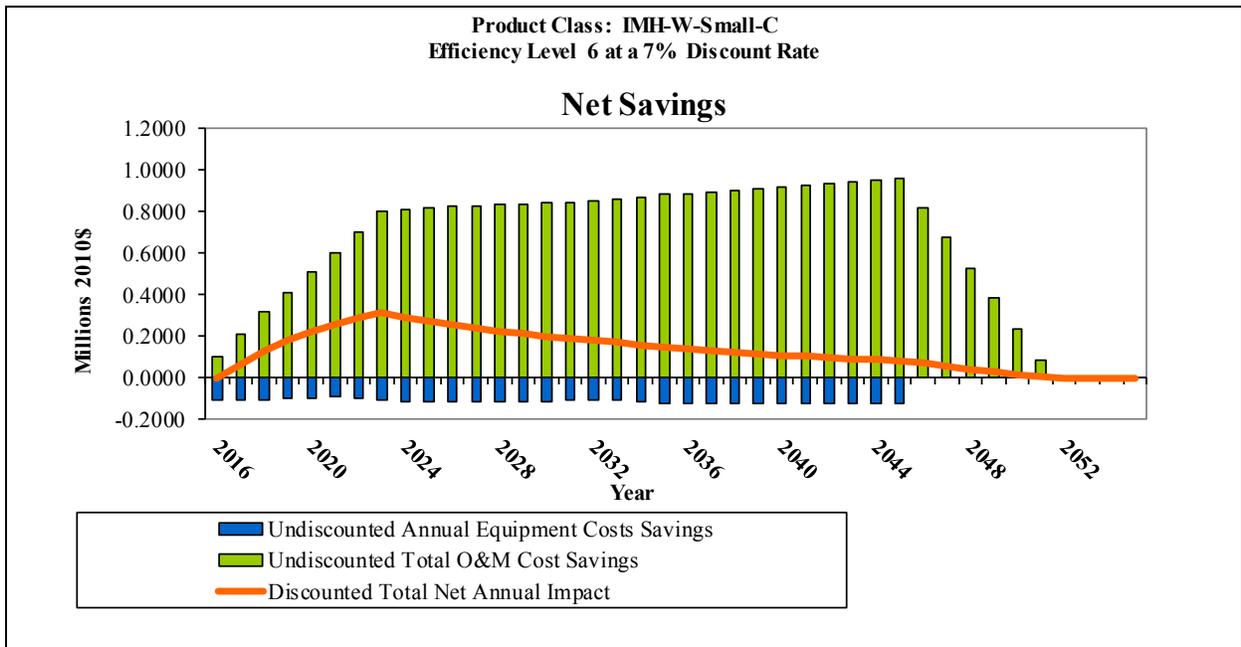


Figure 10B.13.6 National Annual Costs and Savings for IMH-W-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

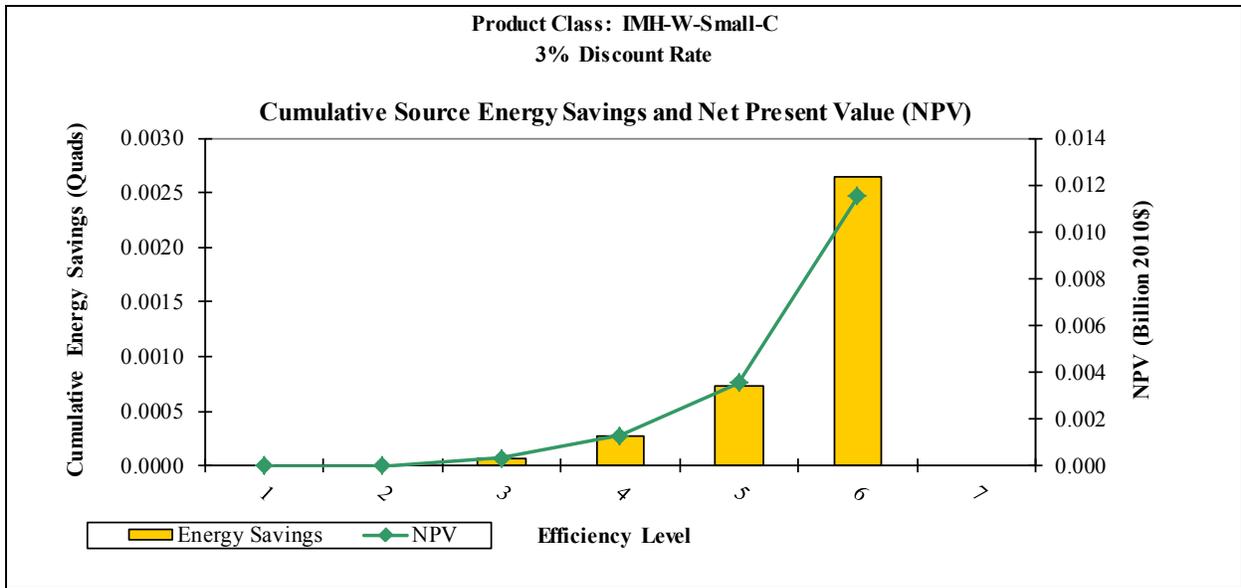


Figure 10B.13.7 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-W-Small-C

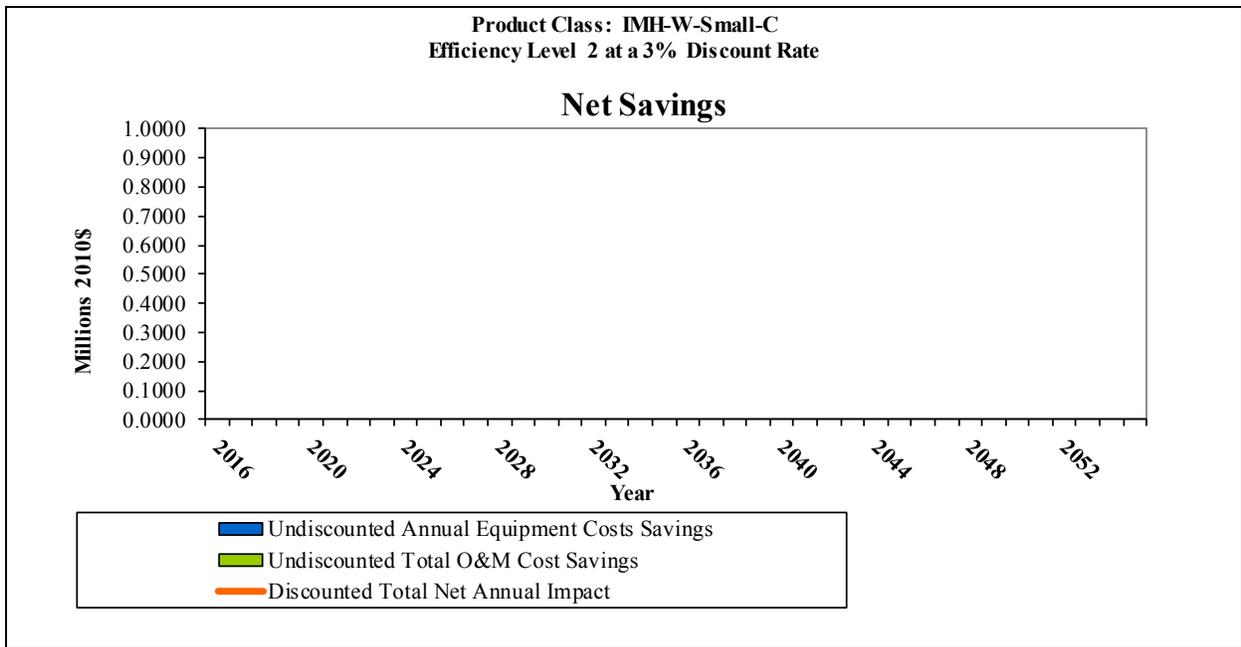


Figure 10B.13.8 National Annual Costs and Savings for IMH-W-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

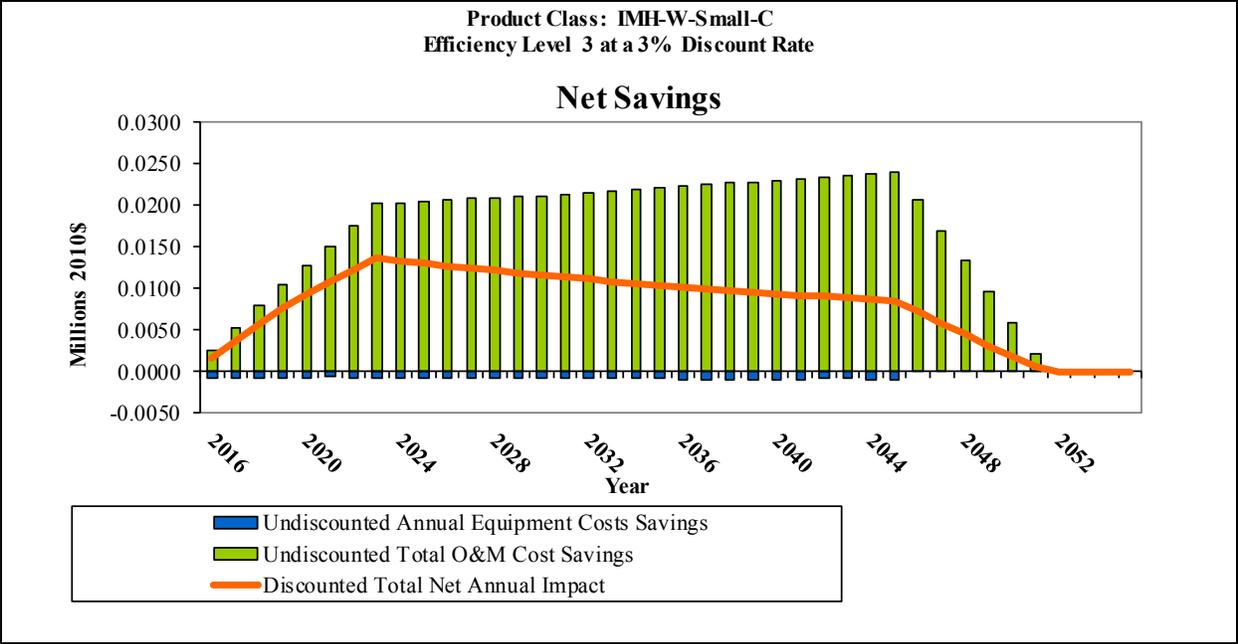


Figure 10B.13.9 National Annual Costs and Savings for IMH-W-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

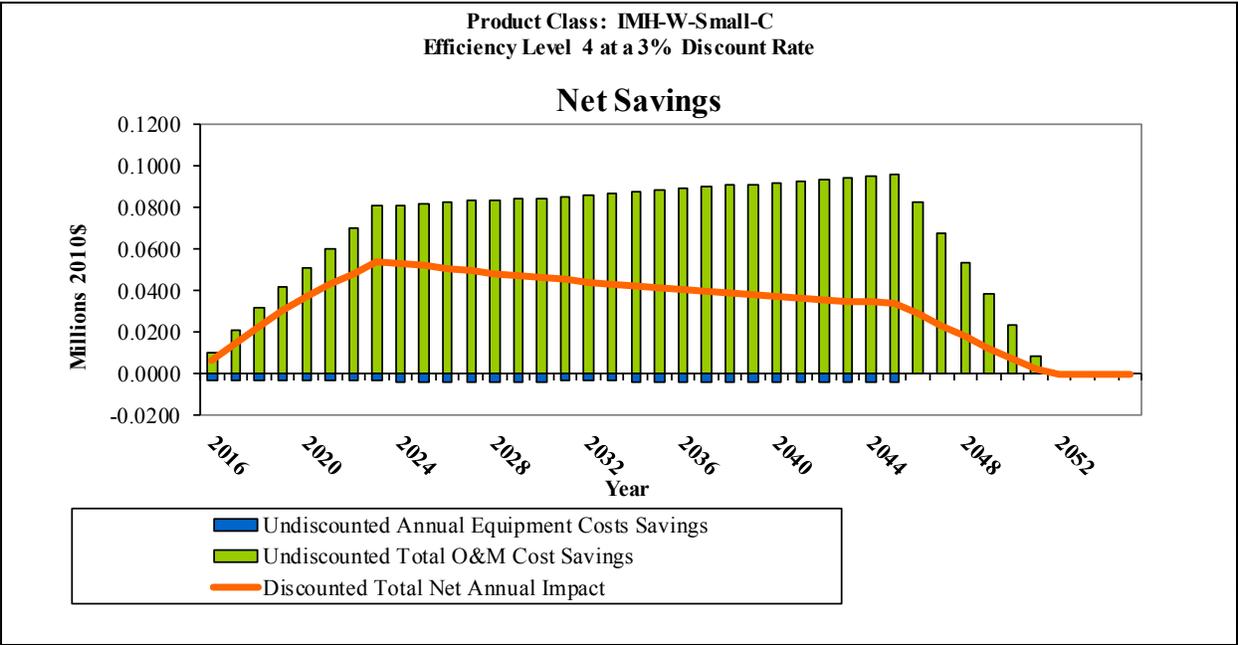


Figure 10B.13.10 National Annual Costs and Savings for IMH-W-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

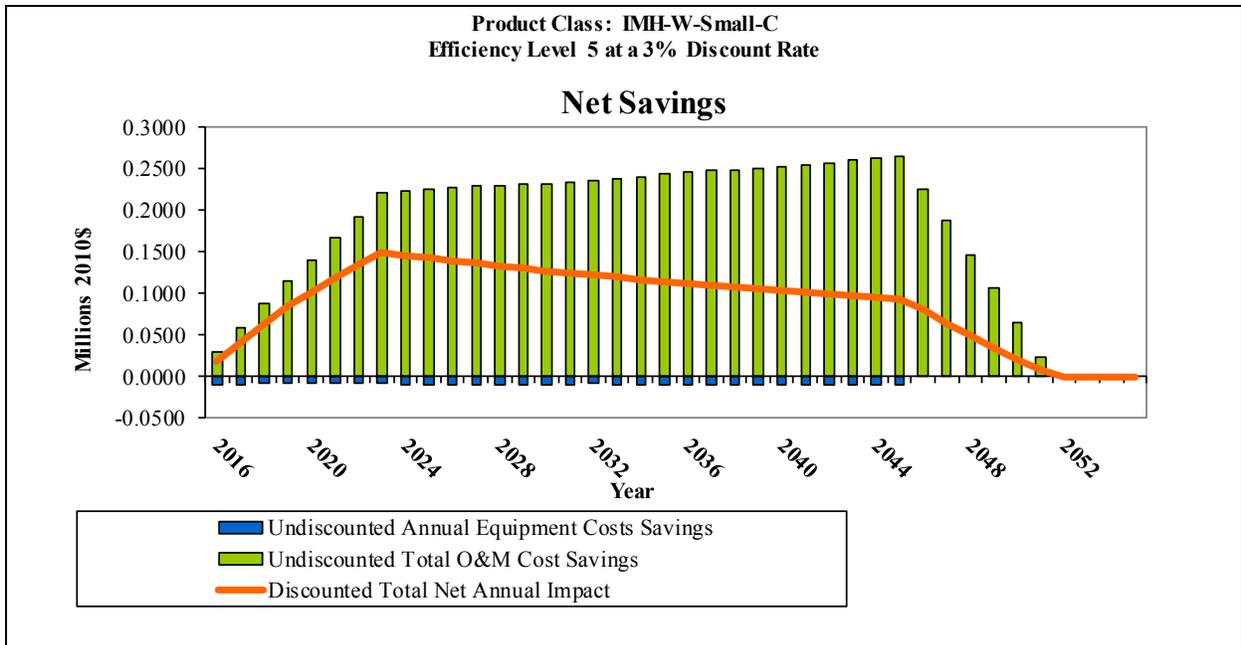


Figure 10B.13.11 National Annual Costs and Savings for IMH-W-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

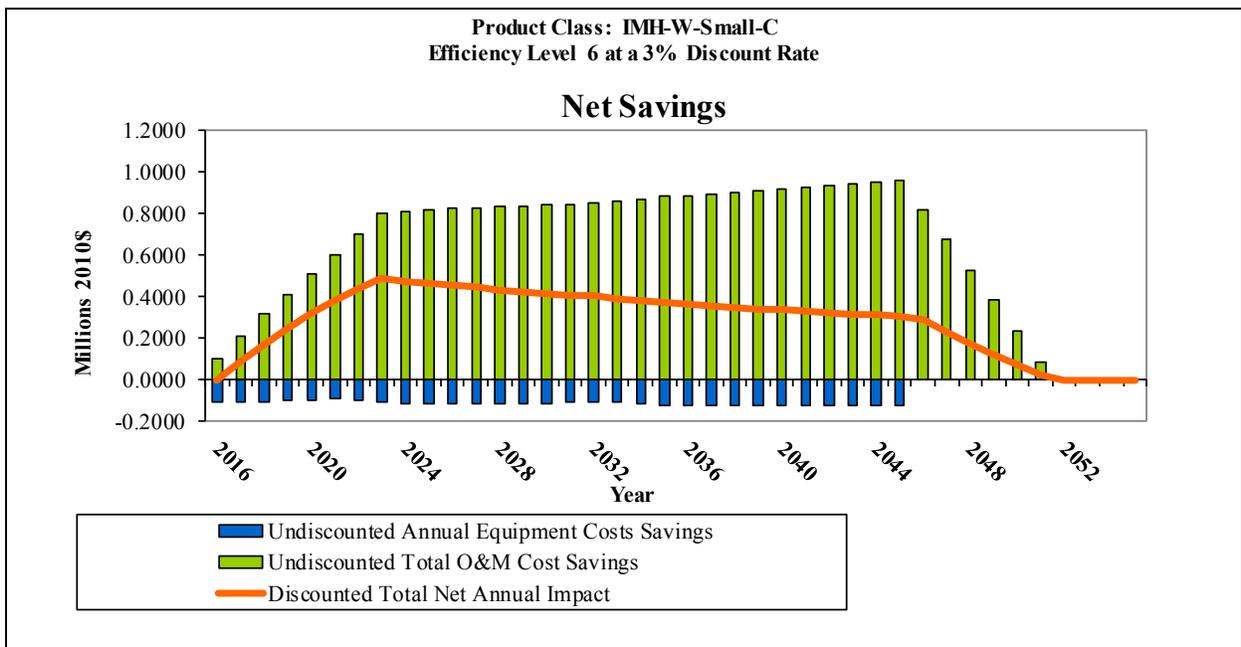


Figure 10B.13.12 National Annual Costs and Savings for IMH-W-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.14 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, WATER-COOLED, LARGE, CONTINUOUS (IMH-W-LARGE-C)

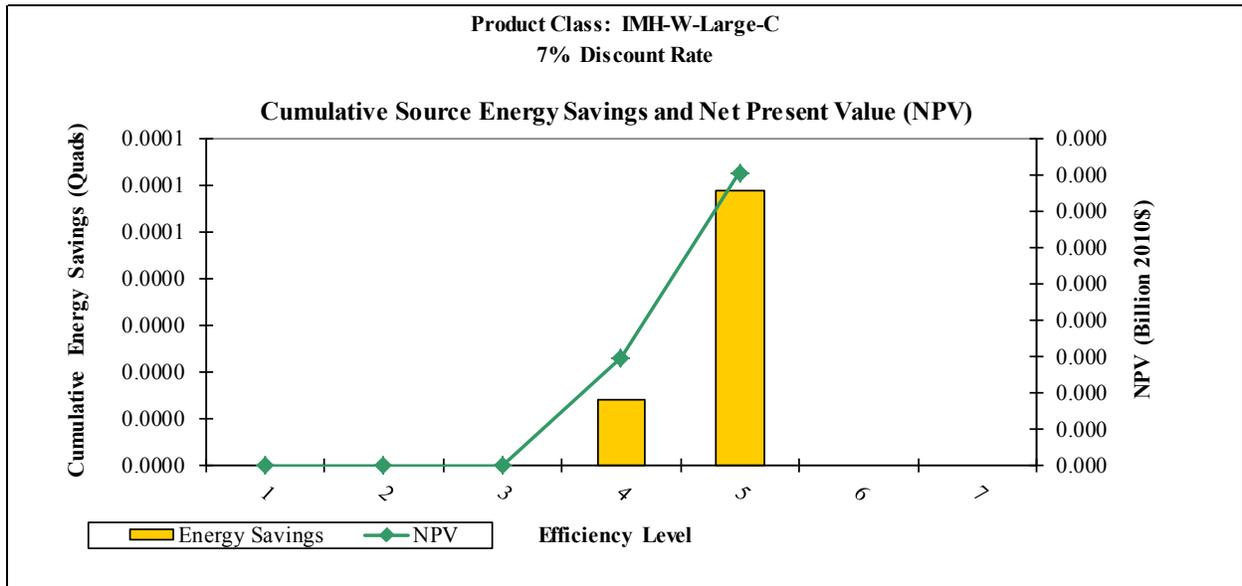


Figure 10B.14.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-W-Large-C

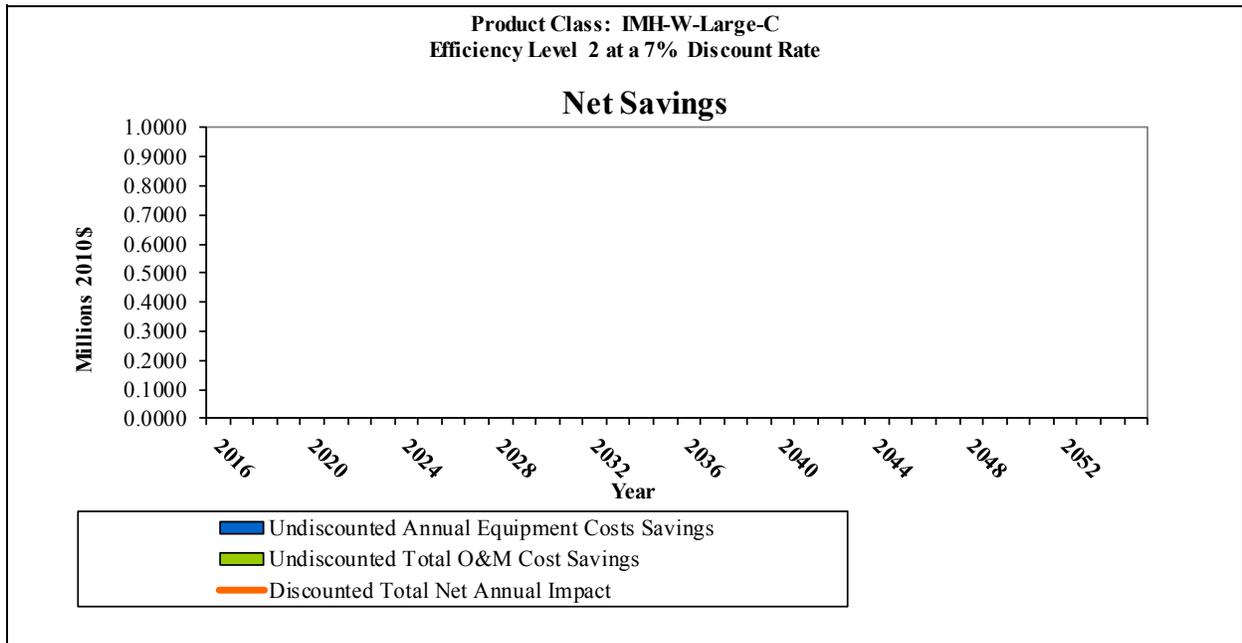


Figure 10B.14.2 National Annual Costs and Savings for IMH-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

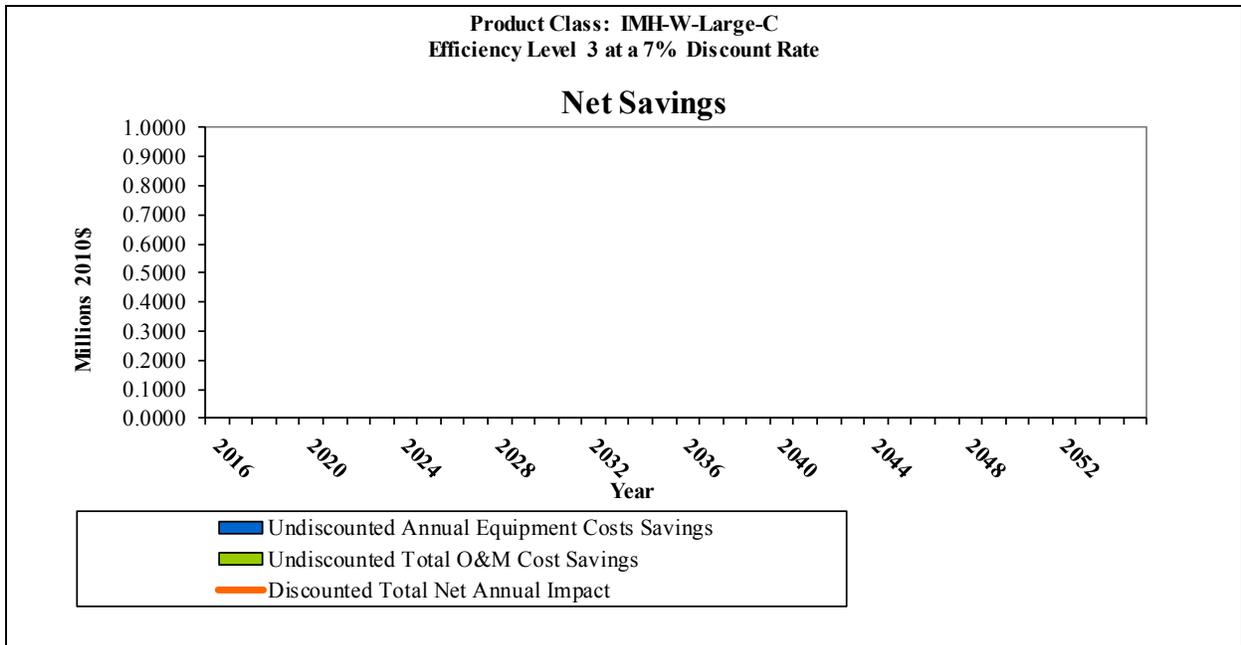


Figure 10B.14.3 National Annual Costs and Savings for IMH-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

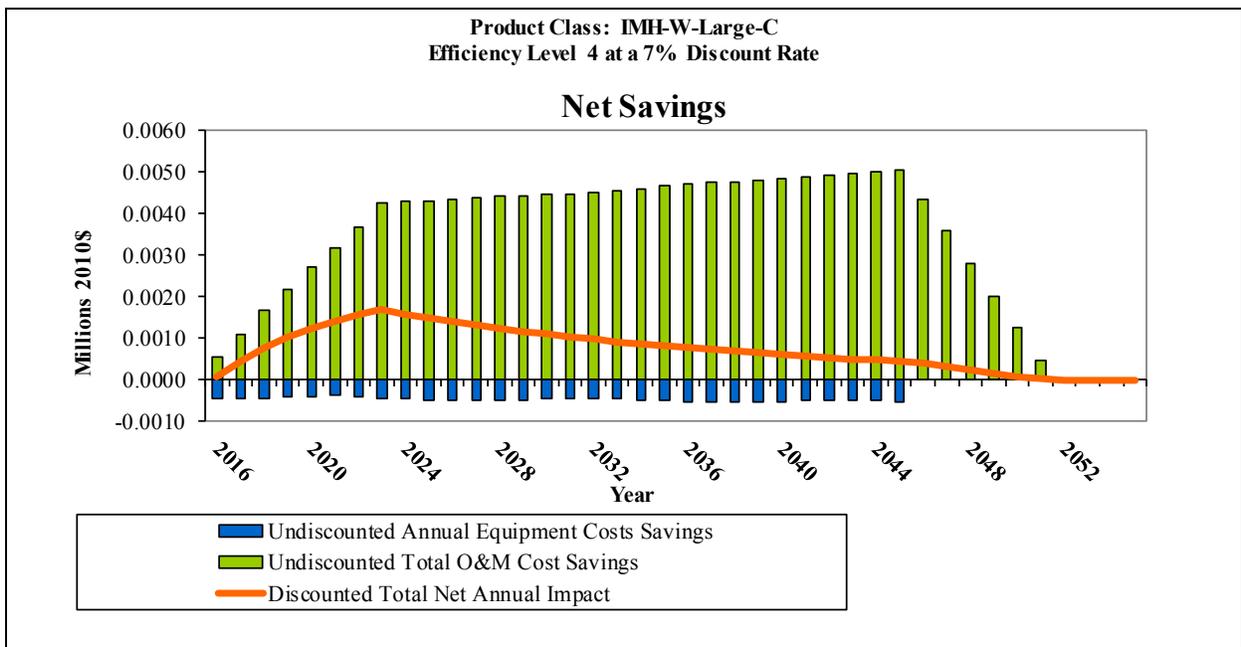


Figure 10B.14.4 National Annual Costs and Savings for IMH-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

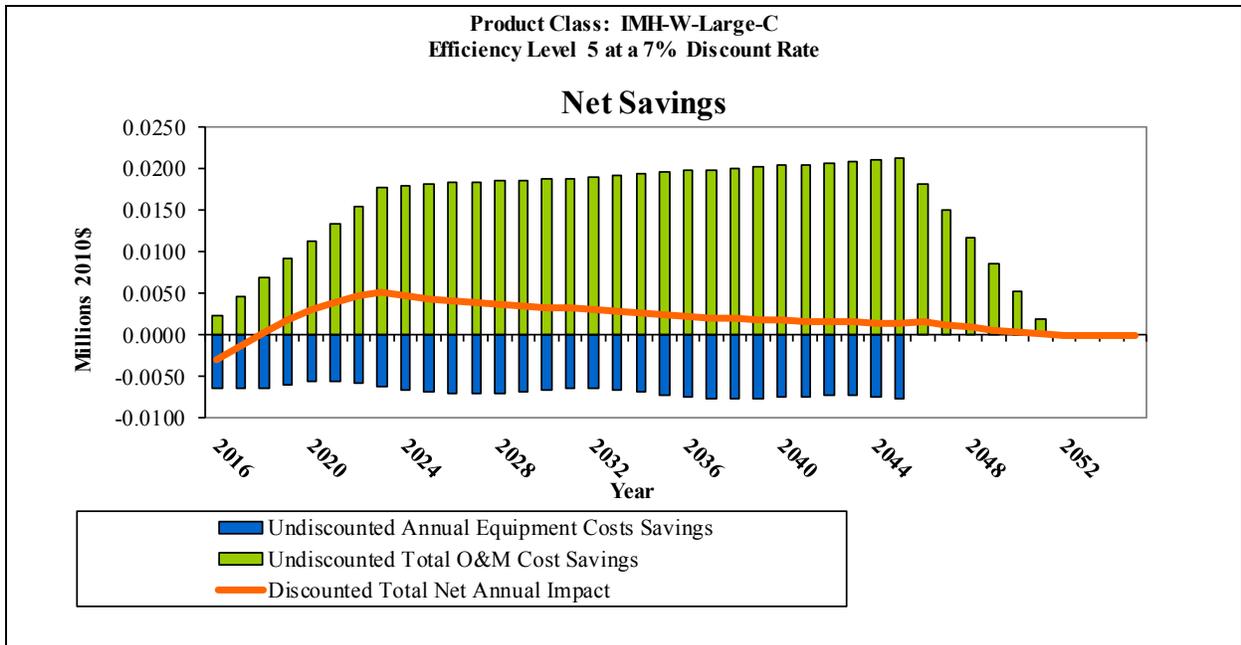


Figure 10B.14.5 National Annual Costs and Savings for IMH-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

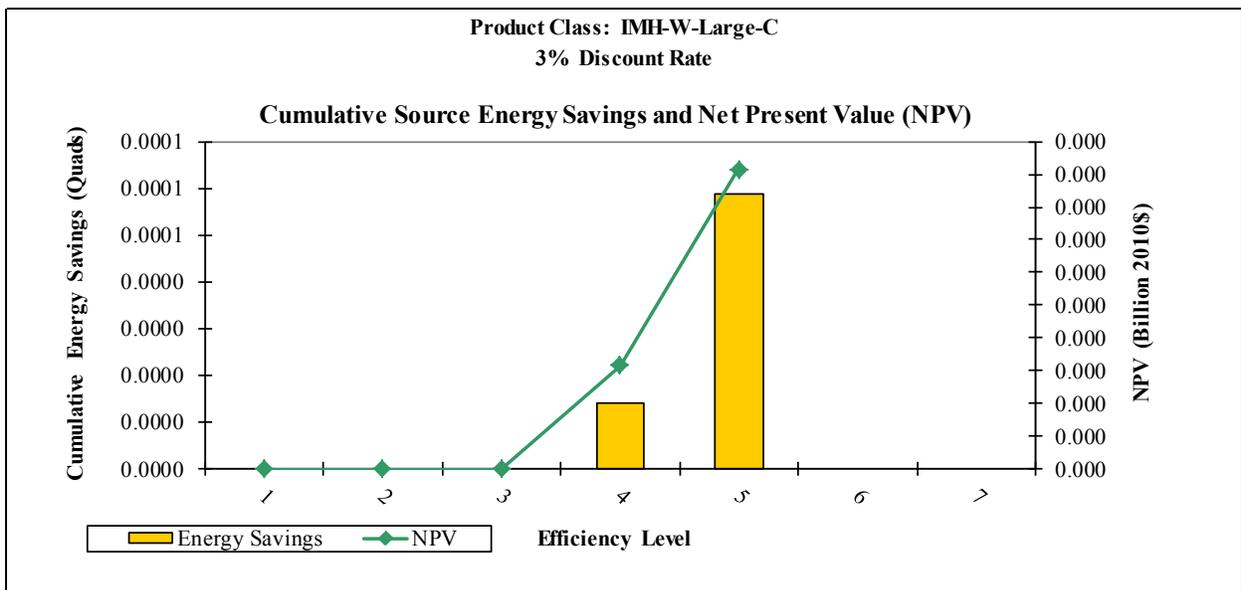


Figure 10B.14.6 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-W-Large-C

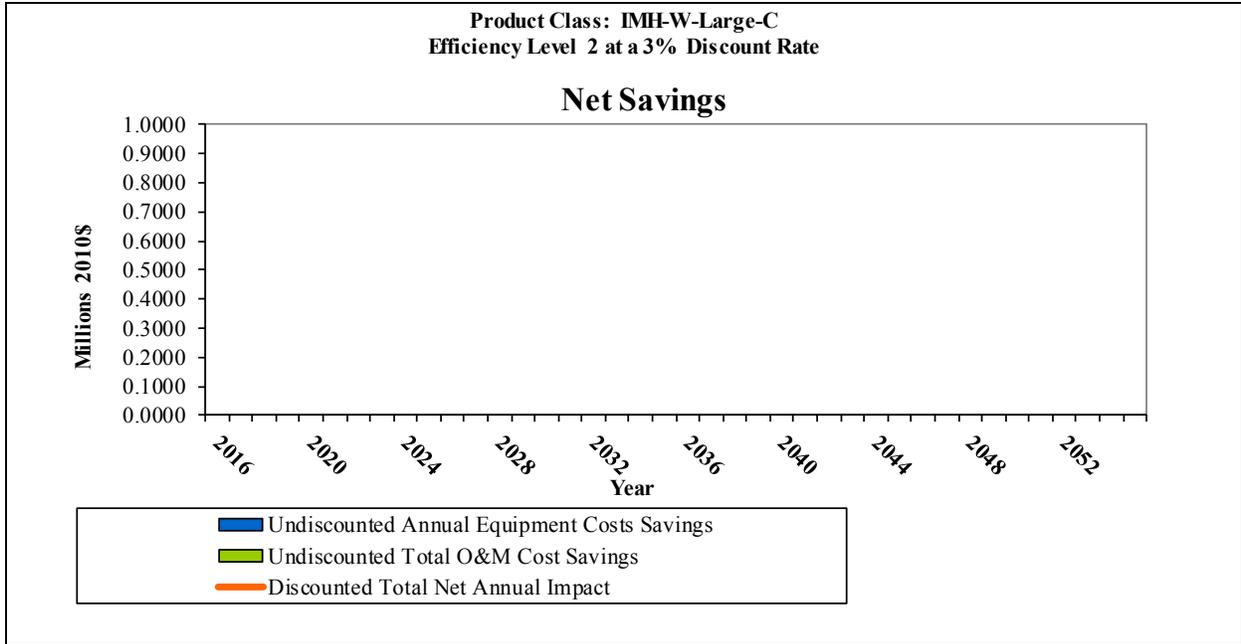


Figure 10B.14.7 National Annual Costs and Savings for IMH-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

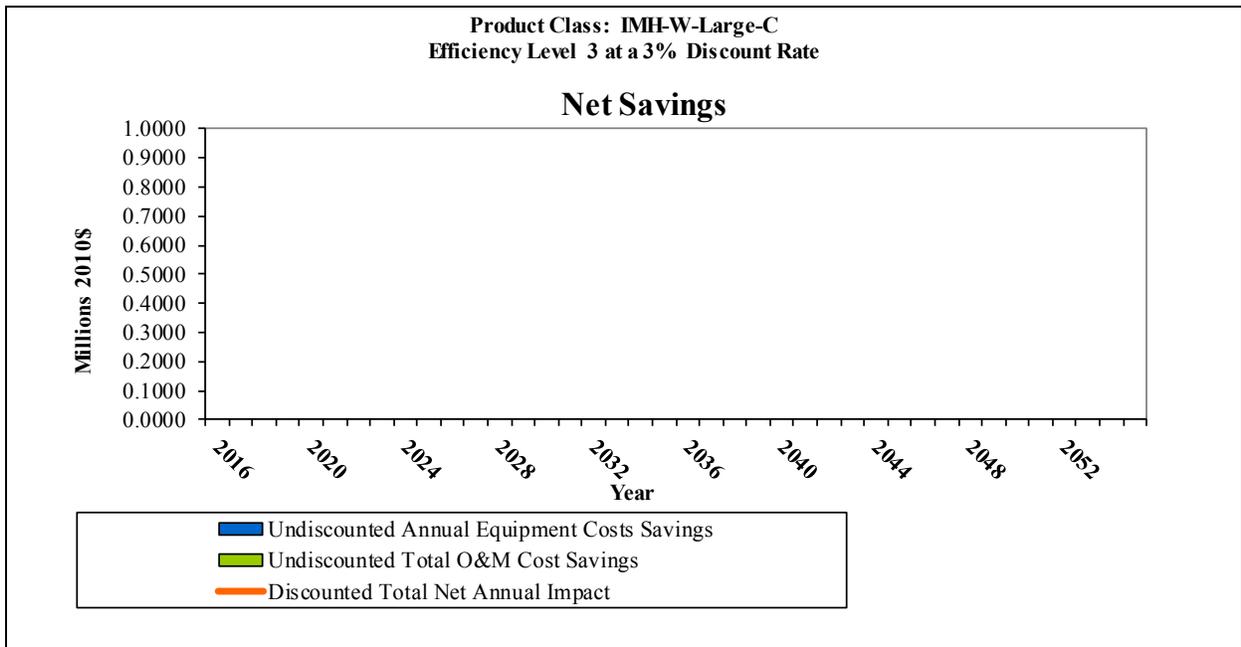


Figure 10B.14.8 National Annual Costs and Savings for IMH-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

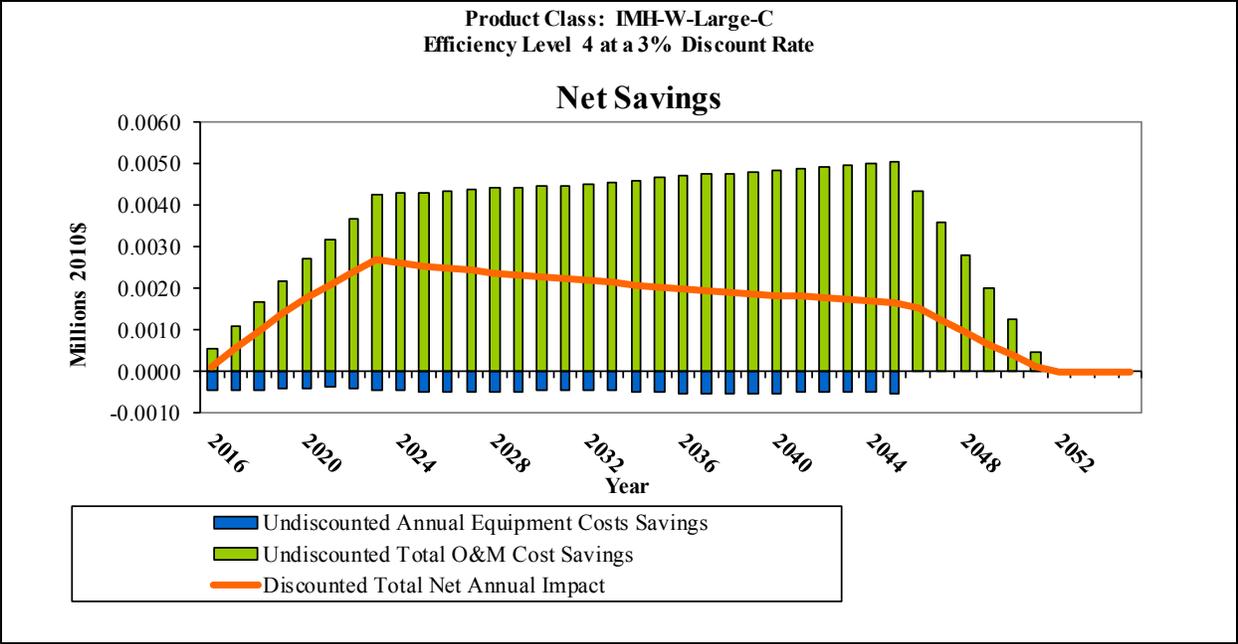


Figure 10B.14.9 National Annual Costs and Savings for IMH-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

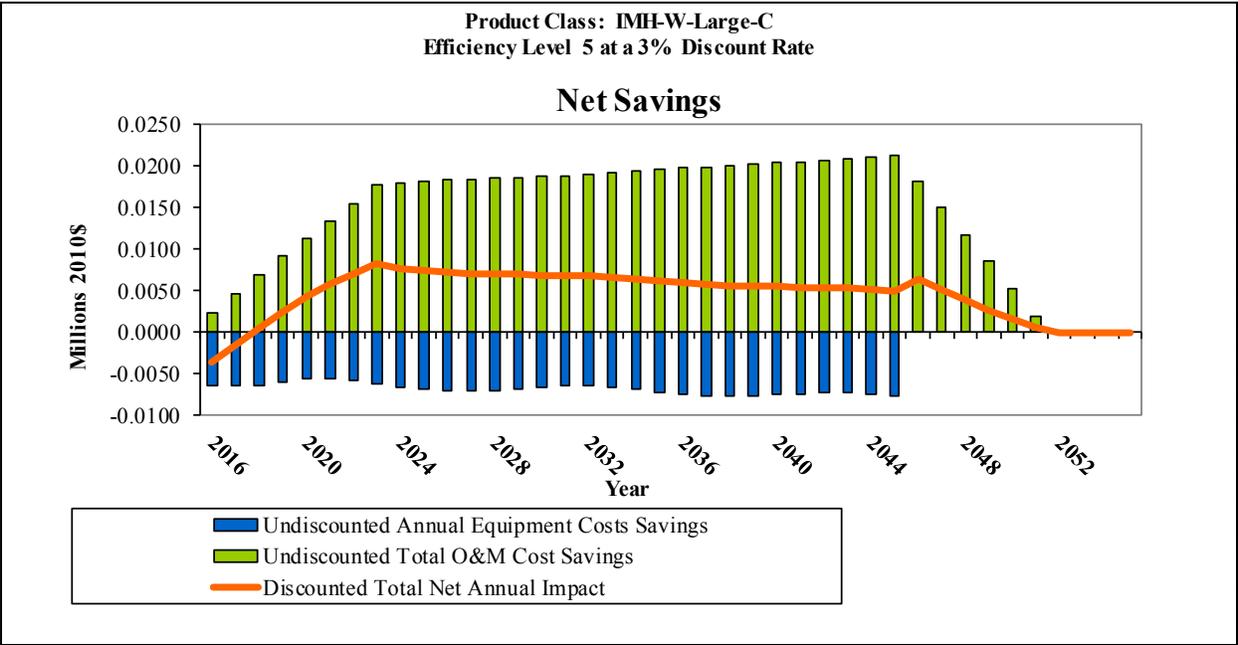


Figure 10B.14.10 National Annual Costs and Savings for IMH-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.15 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, AIR-COOLED, SMALL, CONTINUOUS (IMH-A-SMALL-C)

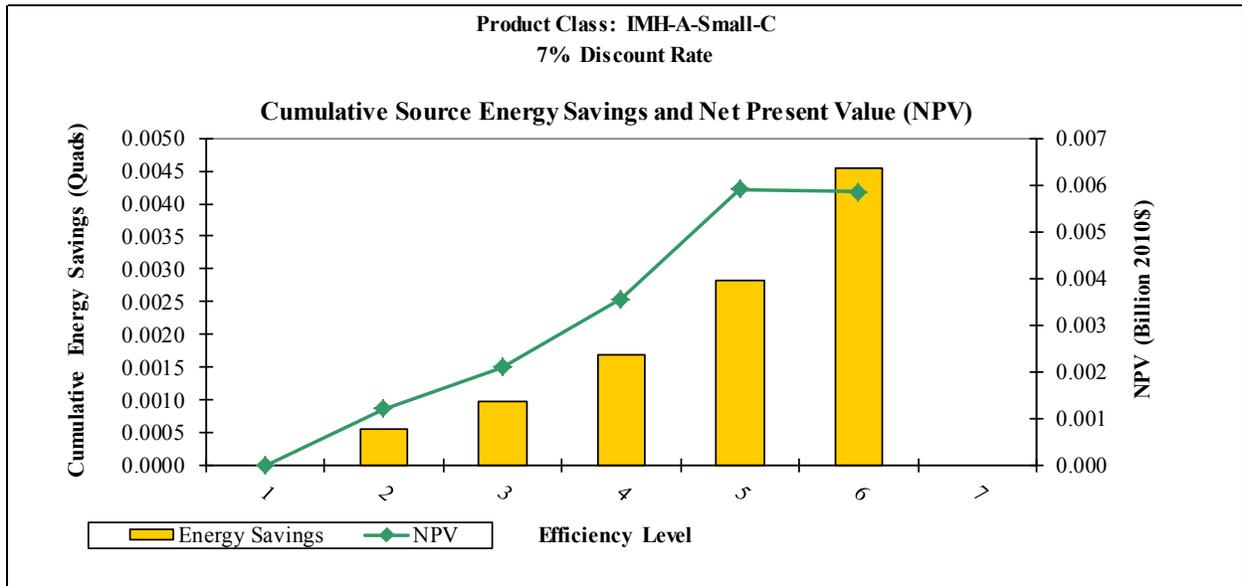


Figure 10B.15.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-A-Small-C

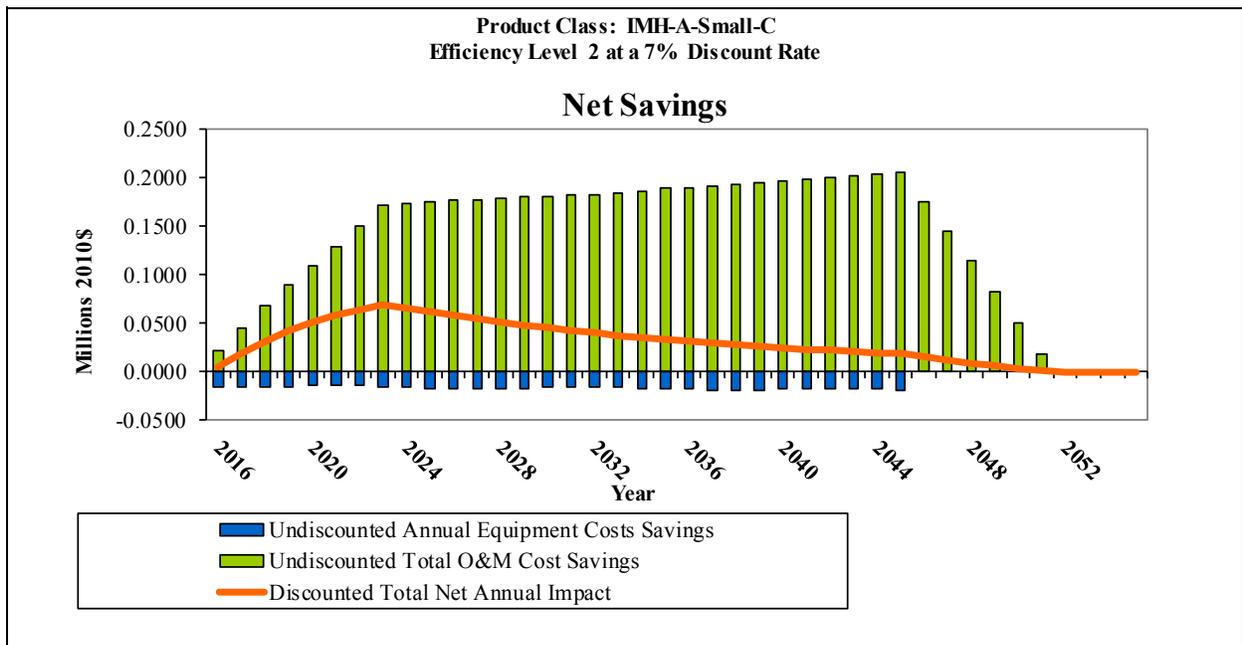


Figure 10B.15.2 National Annual Costs and Savings for IMH-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

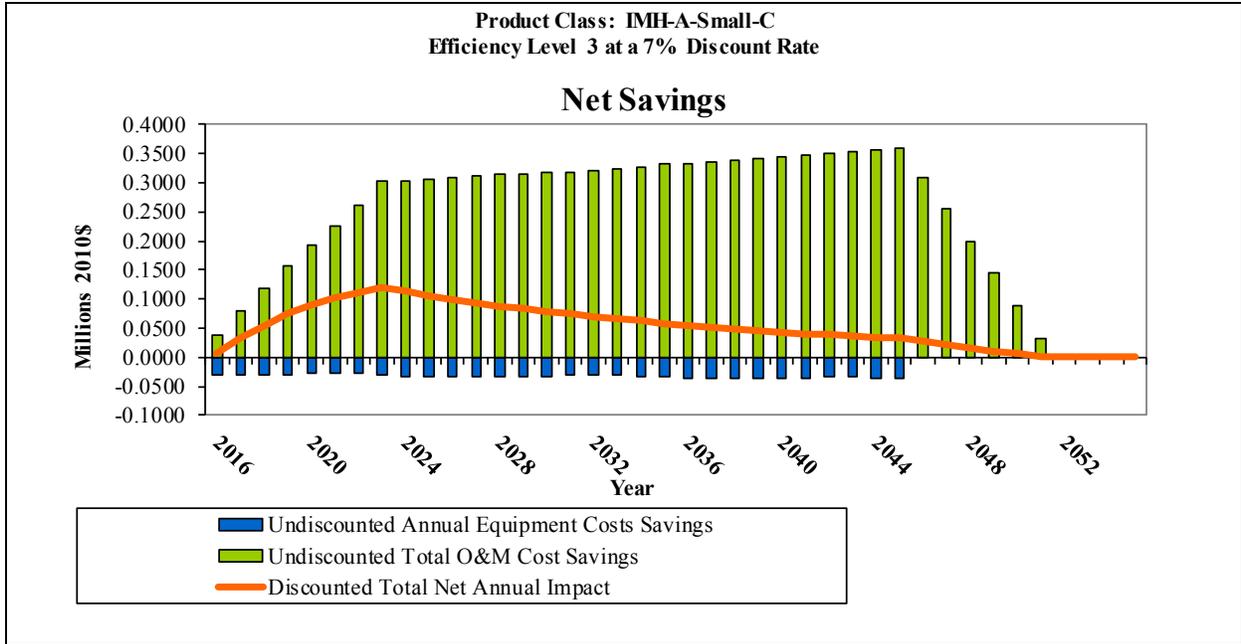


Figure 10B.15.3 National Annual Costs and Savings for IMH-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

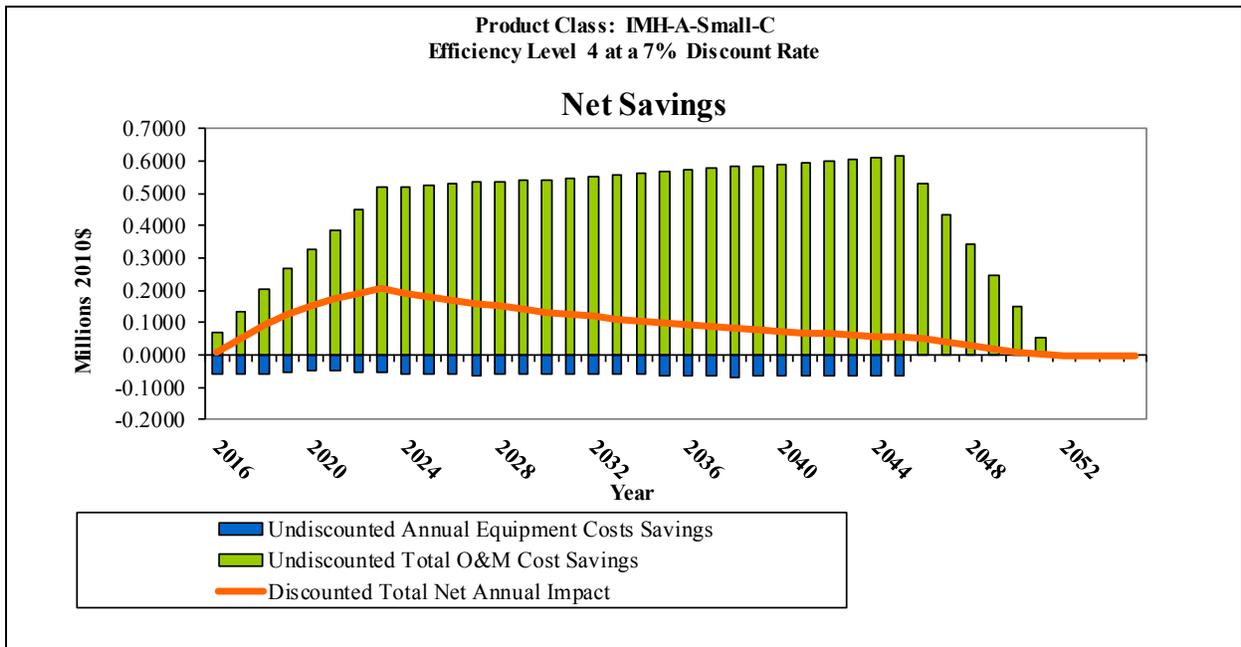


Figure 10B.15.4 National Annual Costs and Savings for IMH-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

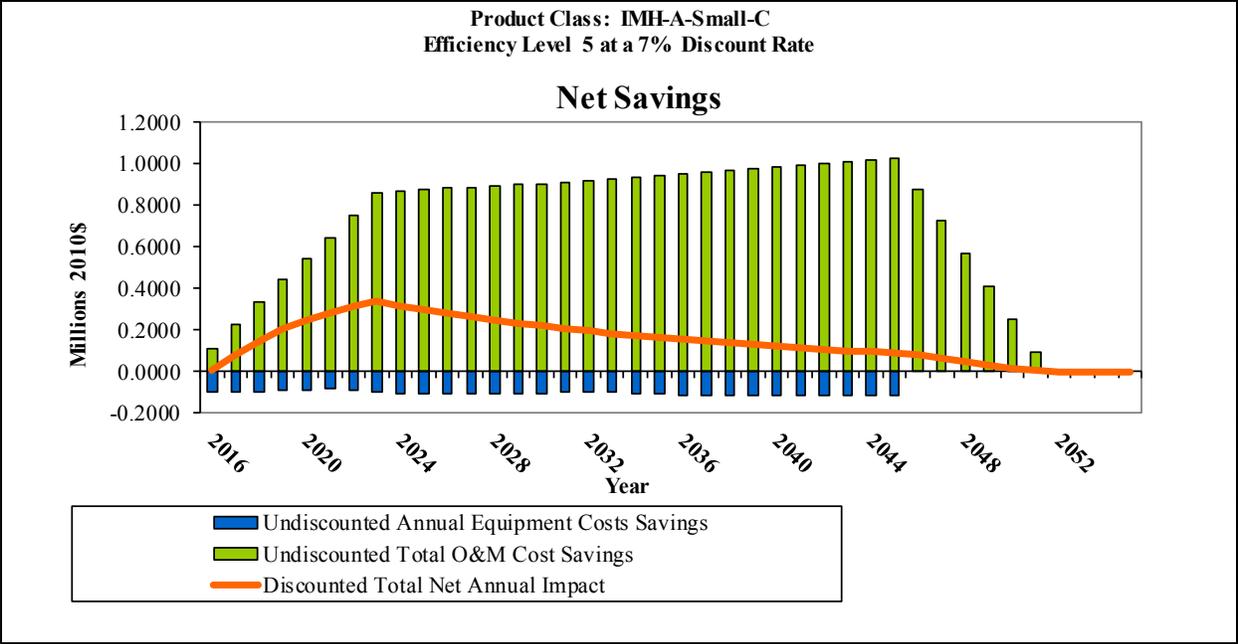


Figure 10B.15.5 National Annual Costs and Savings for IMH-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

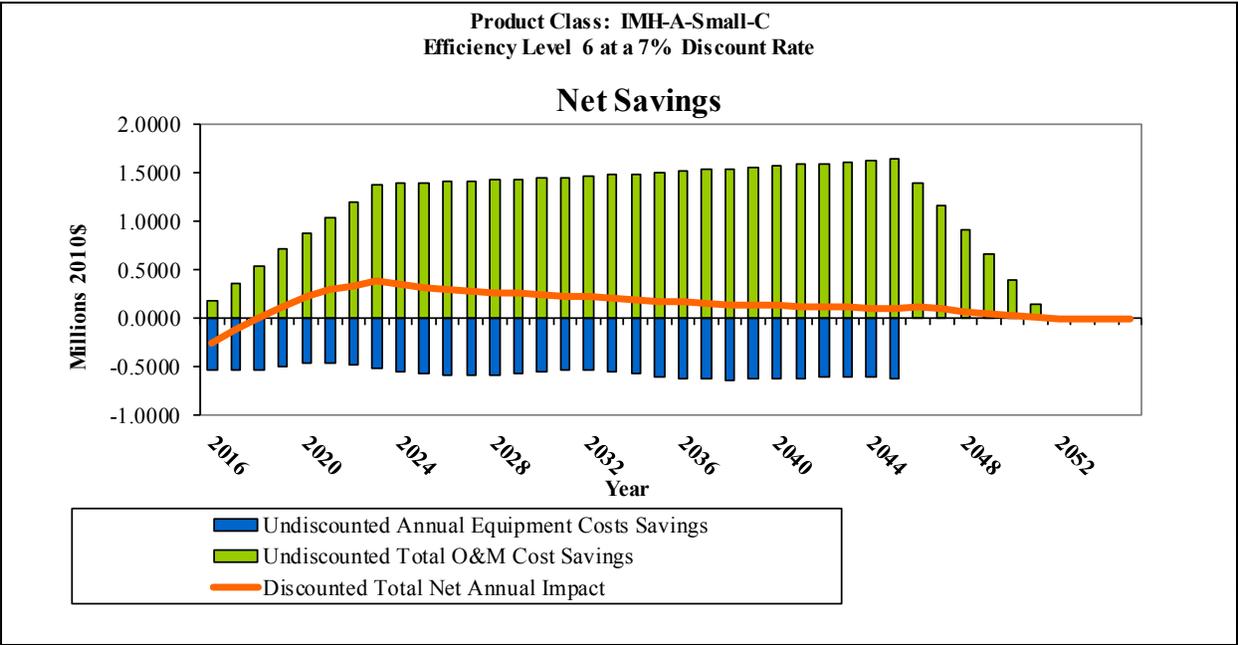


Figure 10B.15.6 National Annual Costs and Savings for IMH-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

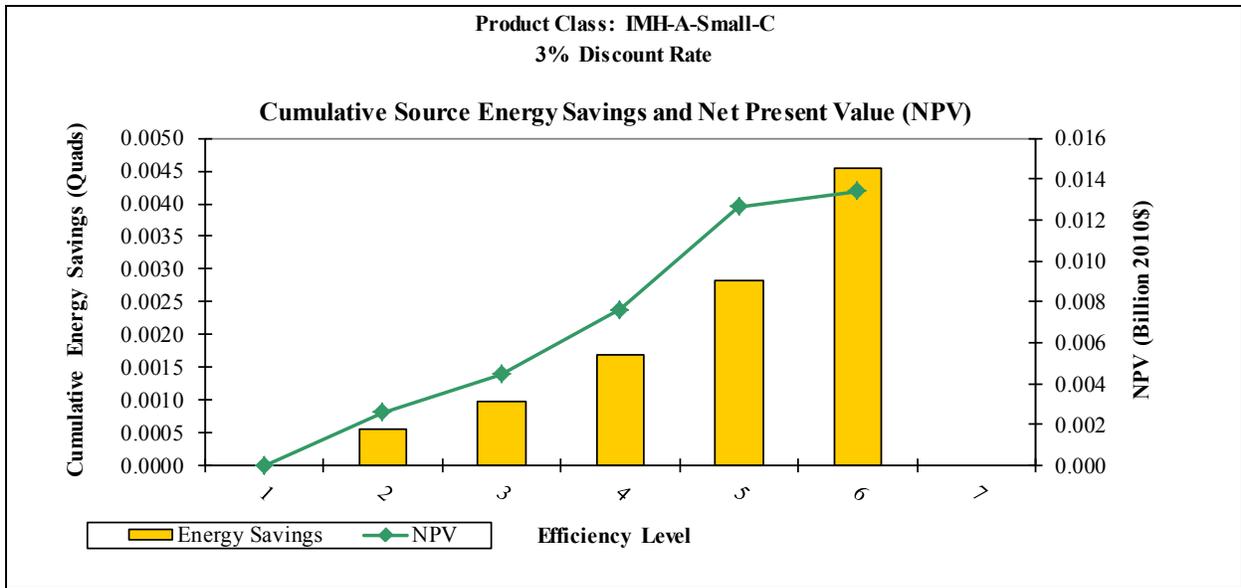


Figure 10B.15.7 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-A-Small-C

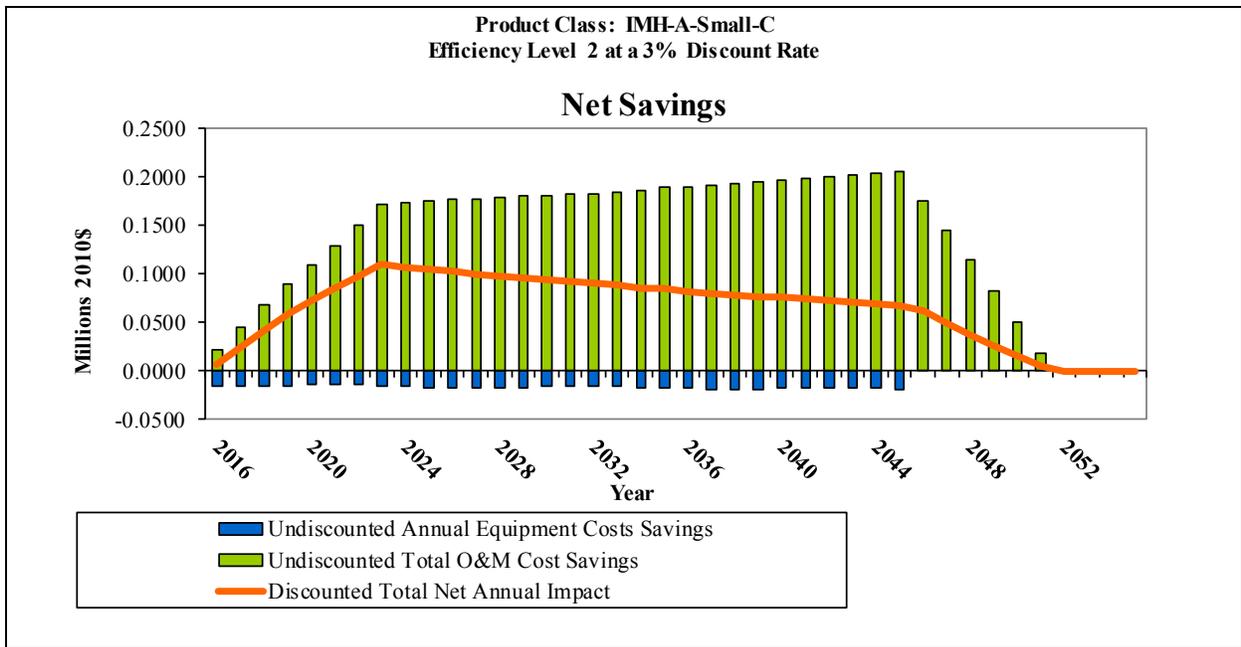


Figure 10B.15.8 National Annual Costs and Savings for IMH-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

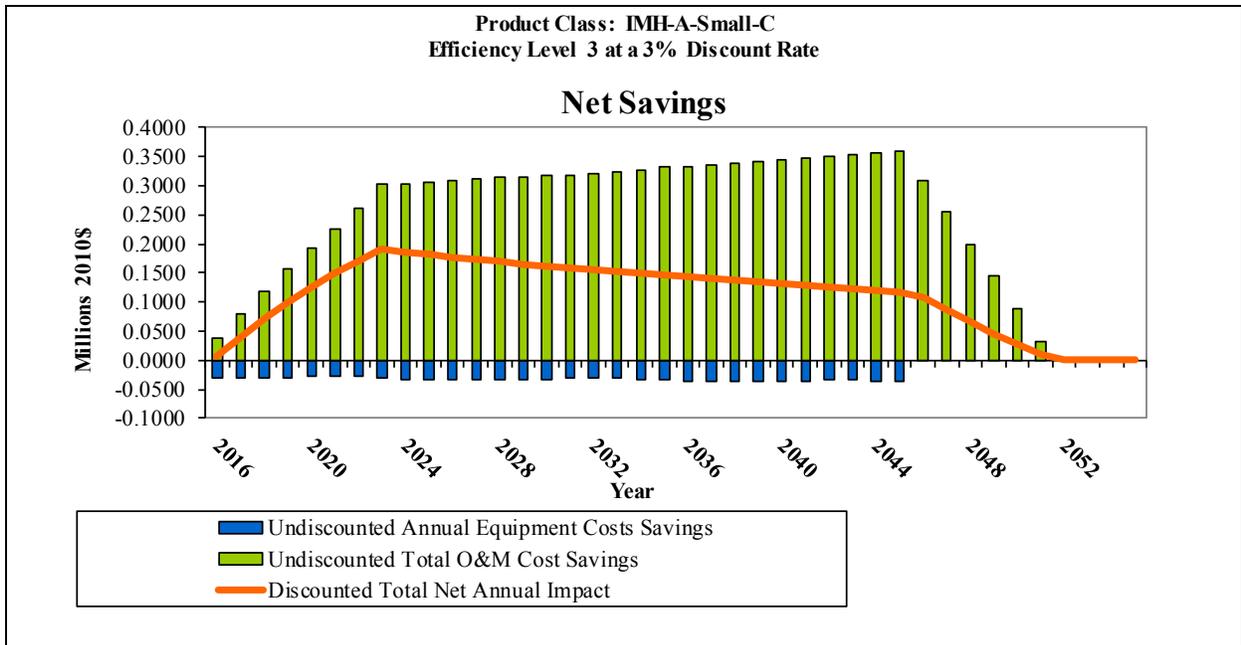


Figure 10B.15.9 National Annual Costs and Savings for IMH-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

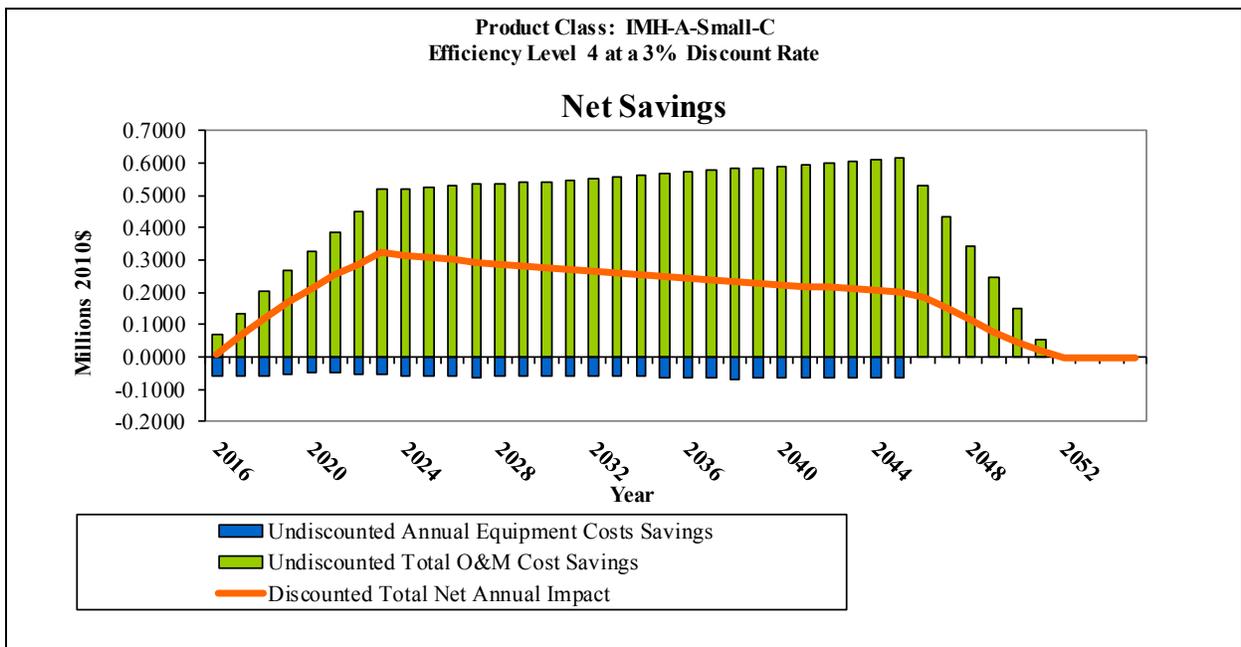


Figure 10B.15.10 National Annual Costs and Savings for IMH-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

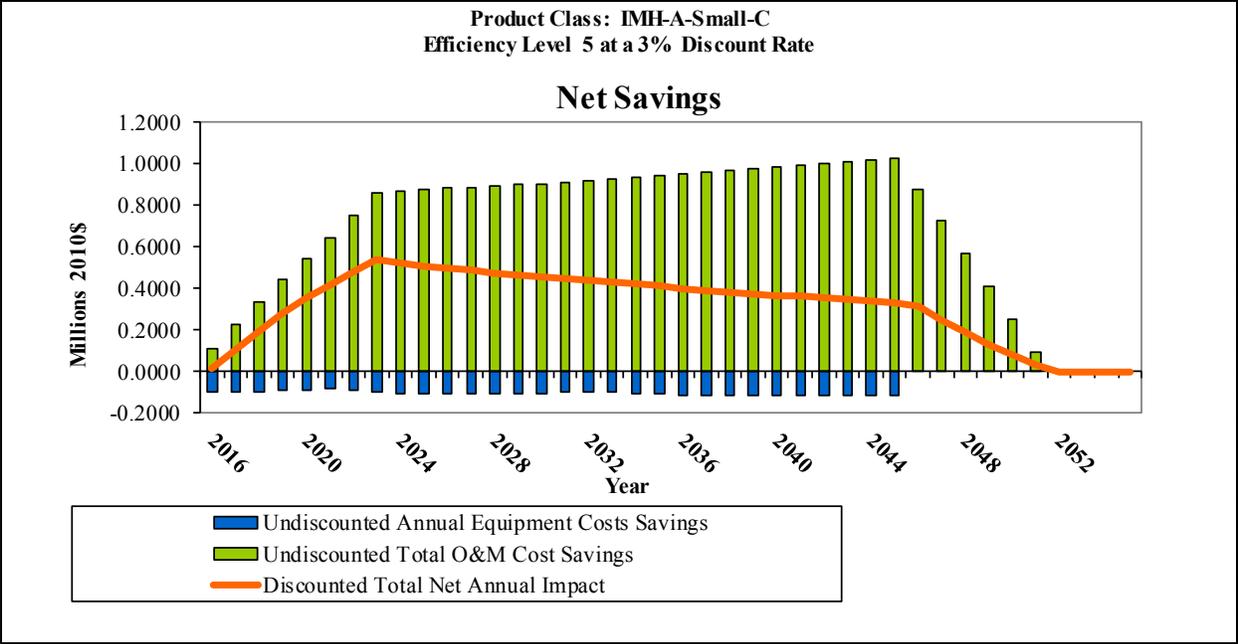


Figure 10B.15.11 National Annual Costs and Savings for IMH-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

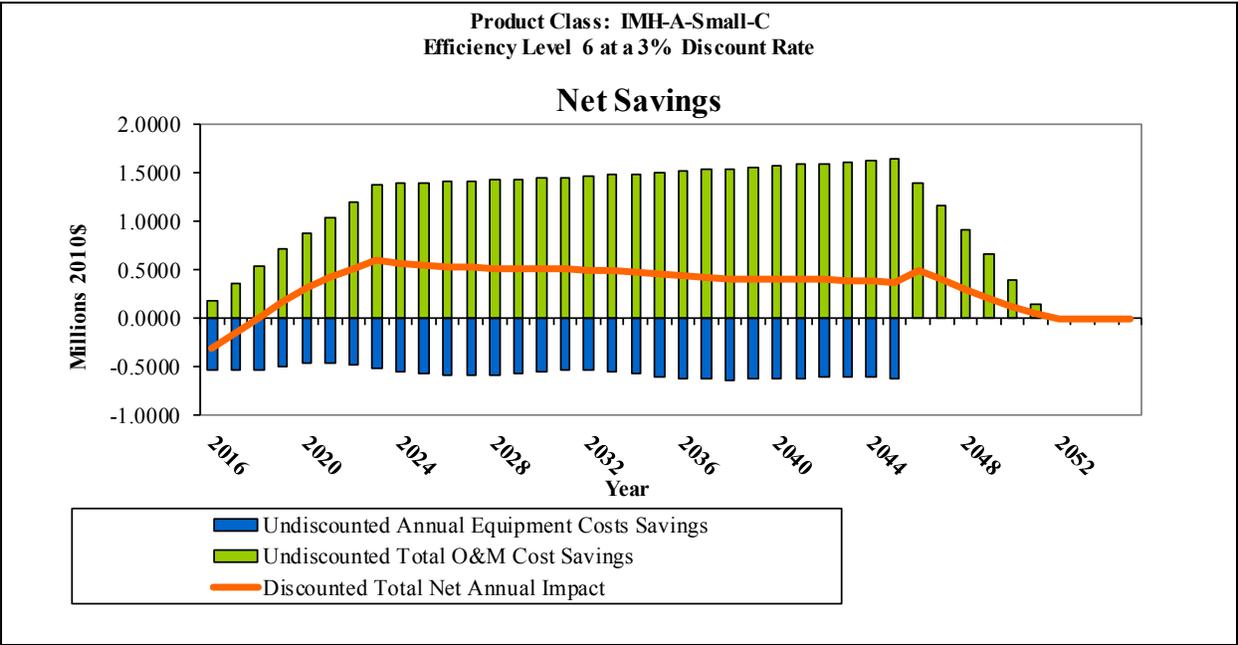


Figure 10B.15.12 National Annual Costs and Savings for IMH-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.16 NATIONAL IMPACT ANALYSIS RESULTS FOR ICE-MAKING HEAD, AIR-COOLED, LARGE, CONTINUOUS (IMH-A-LARGE-C)

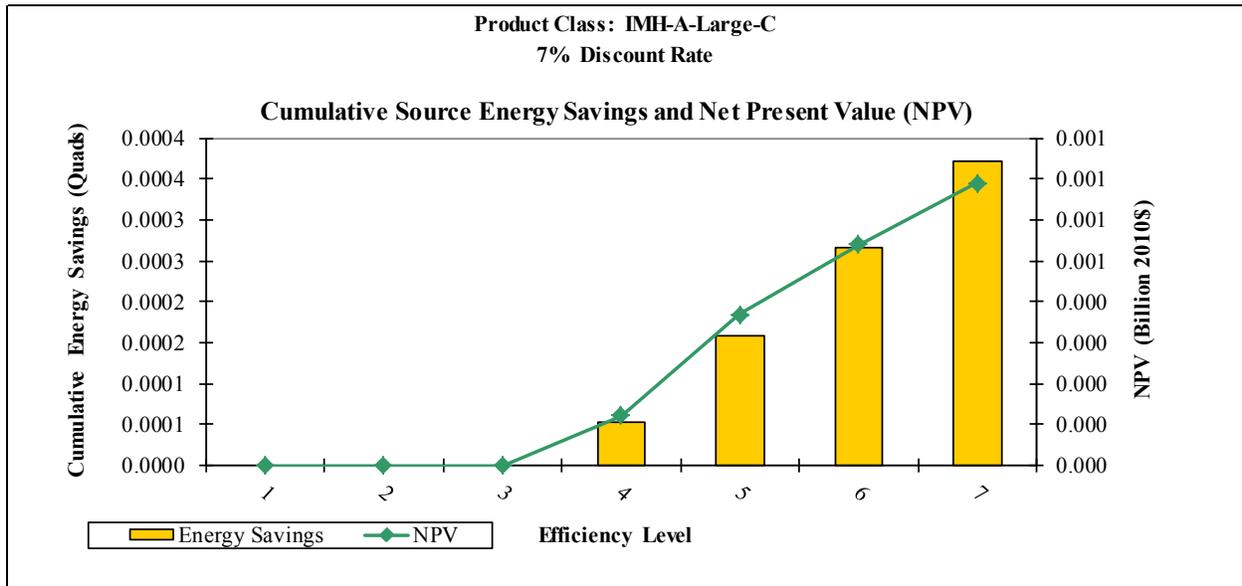


Figure 10B.16.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for IMH-A-Large-C

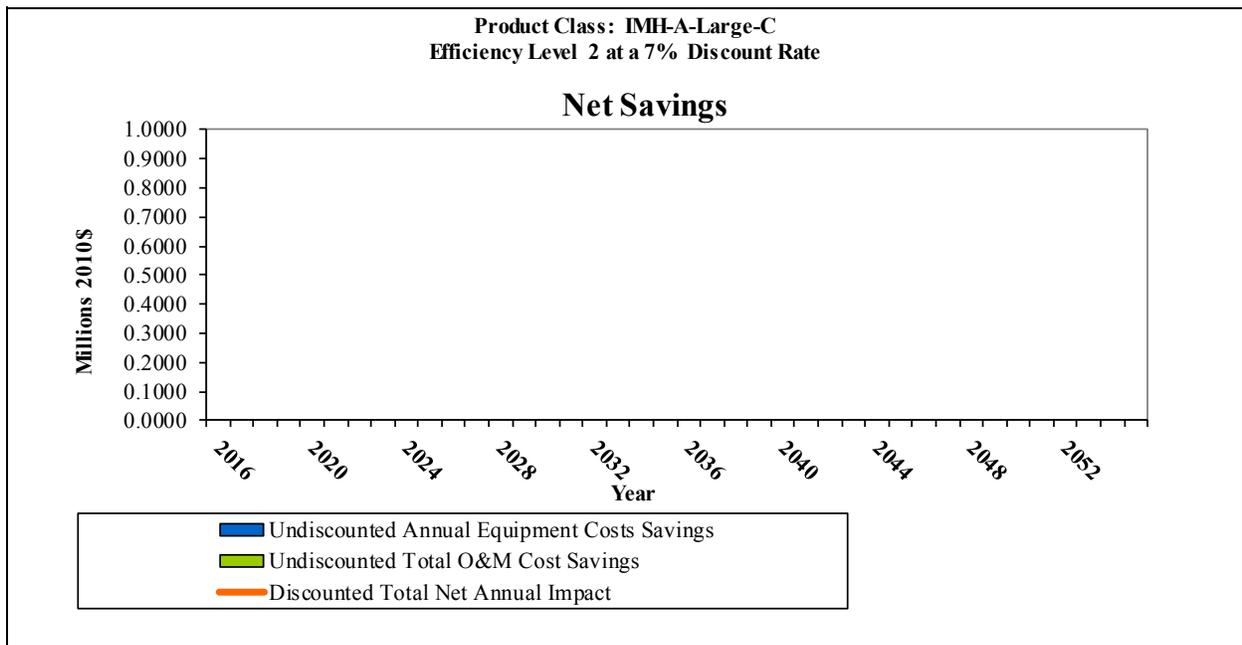


Figure 10B.16.2 National Annual Costs and Savings for IMH-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

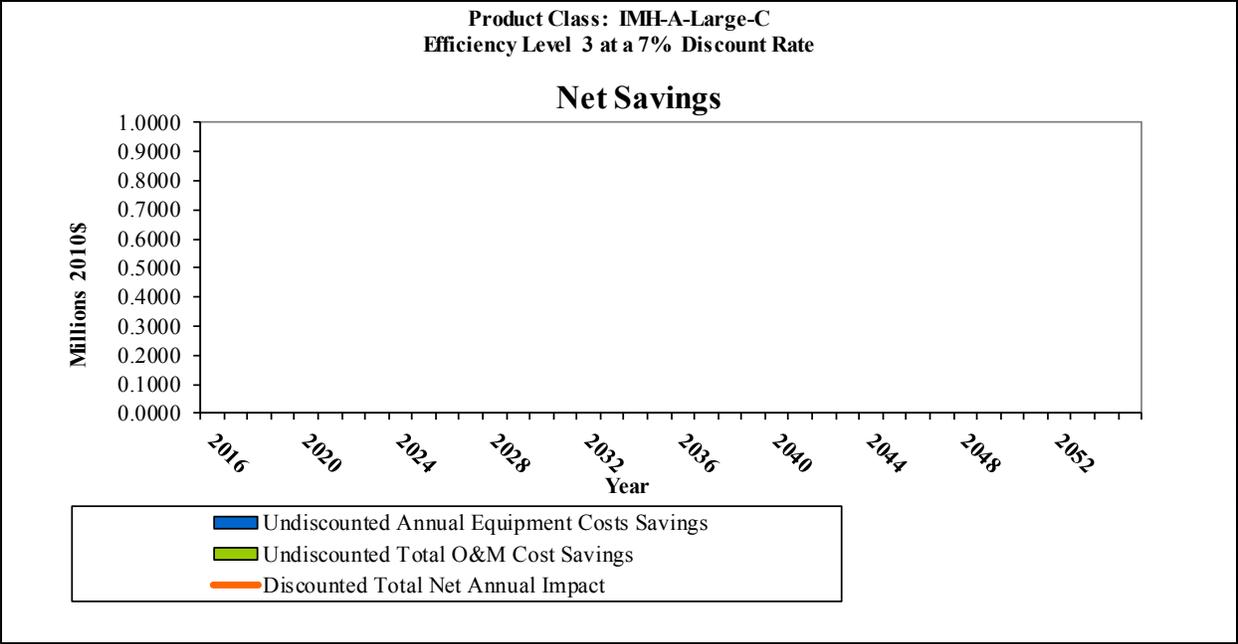


Figure 10B.16.3 National Annual Costs and Savings for IMH-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

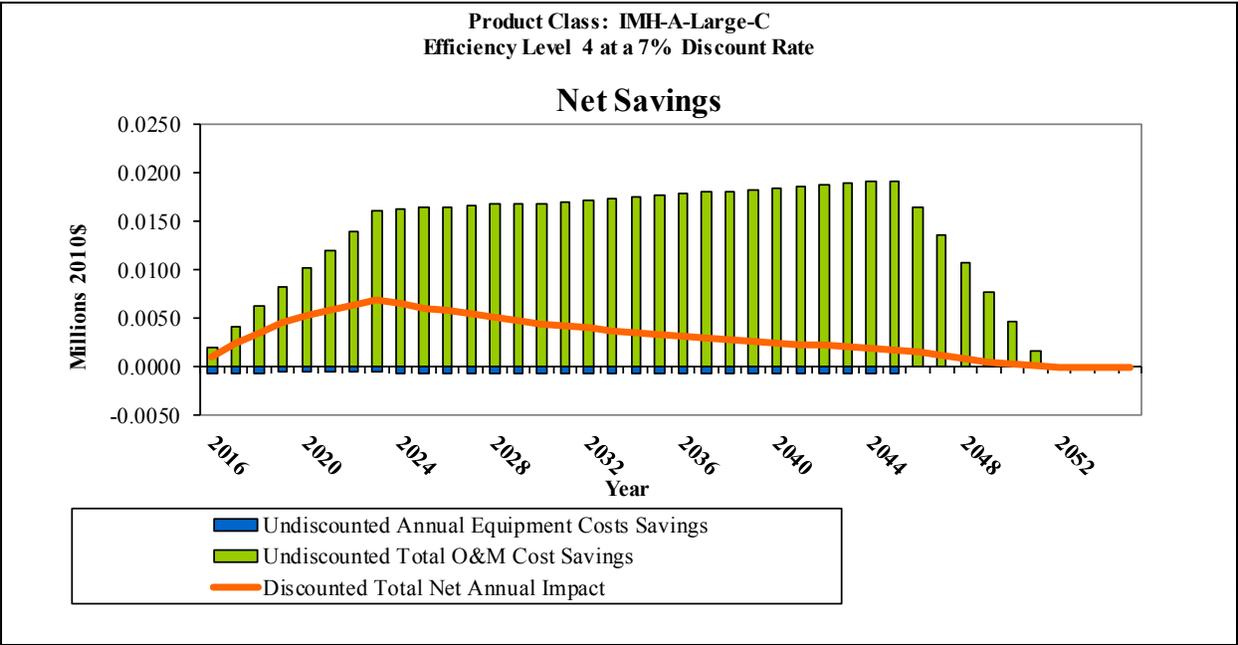


Figure 10B.16.4 National Annual Costs and Savings for IMH-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

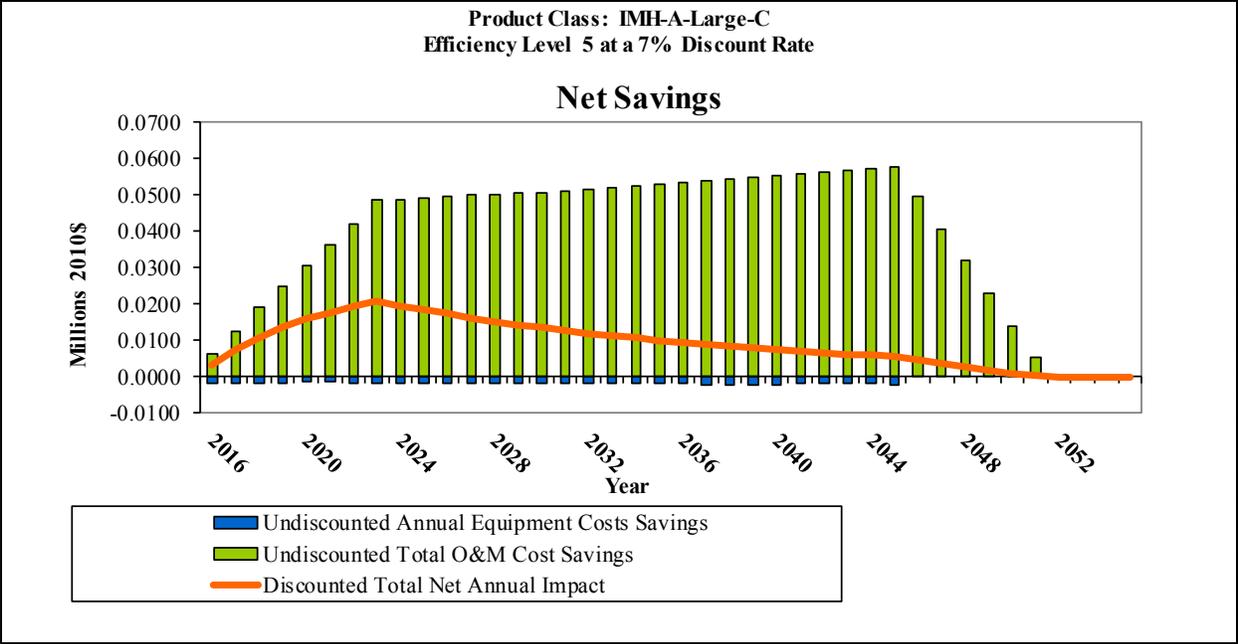


Figure 10B.16.5 National Annual Costs and Savings for IMH-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

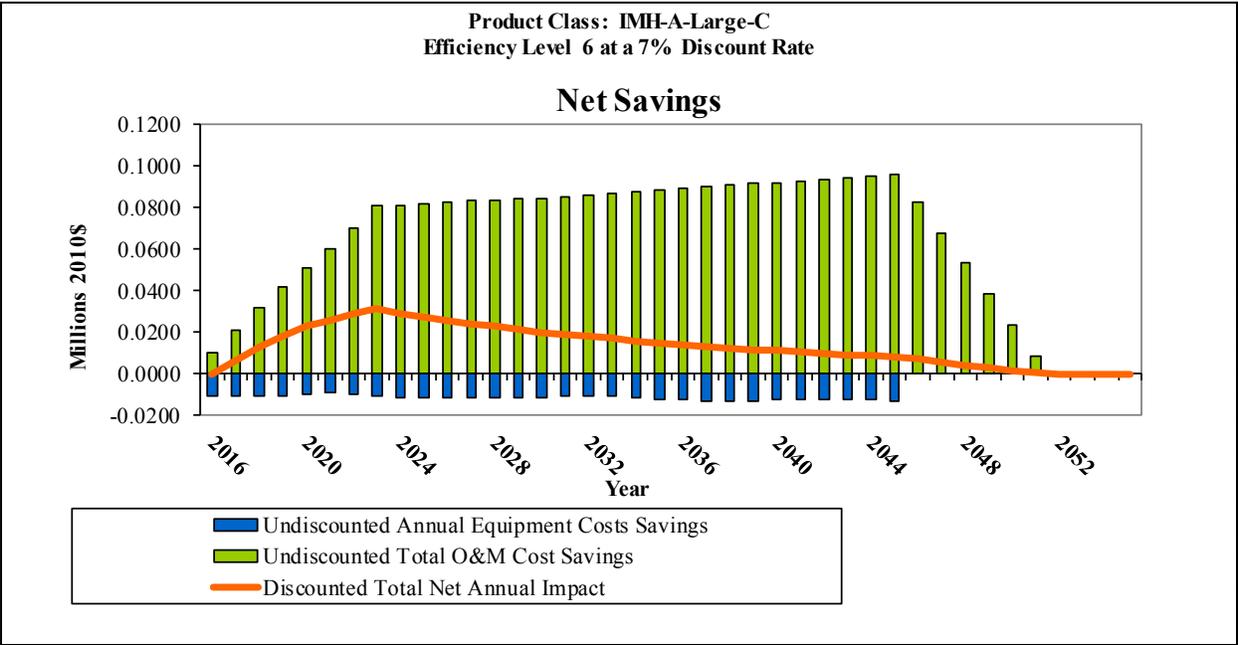


Figure 10B.16.6 National Annual Costs and Savings for IMH-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

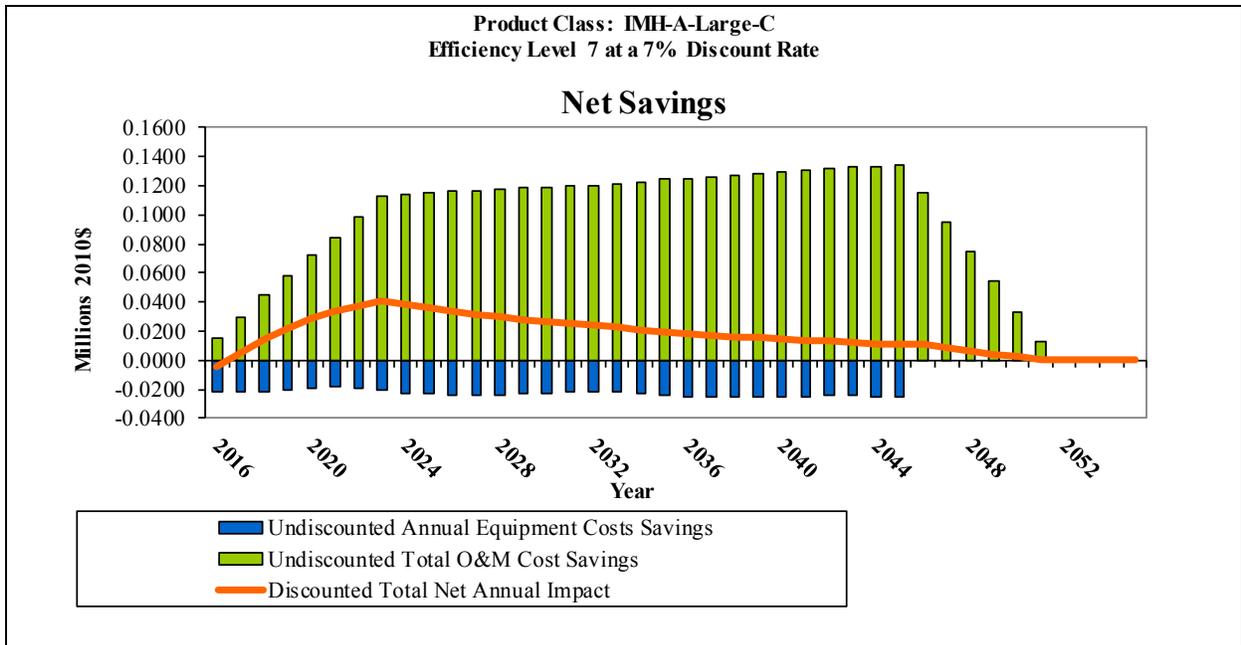


Figure 10B.16.7 National Annual Costs and Savings for IMH-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

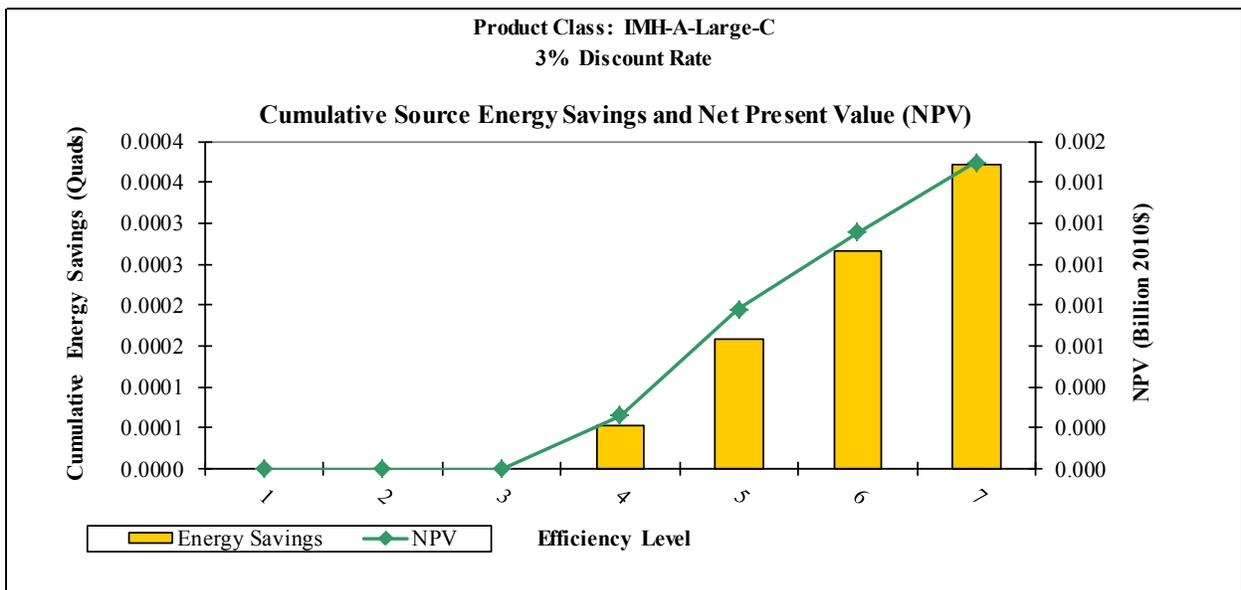


Figure 10B.16.8 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for IMH-A-Large-C

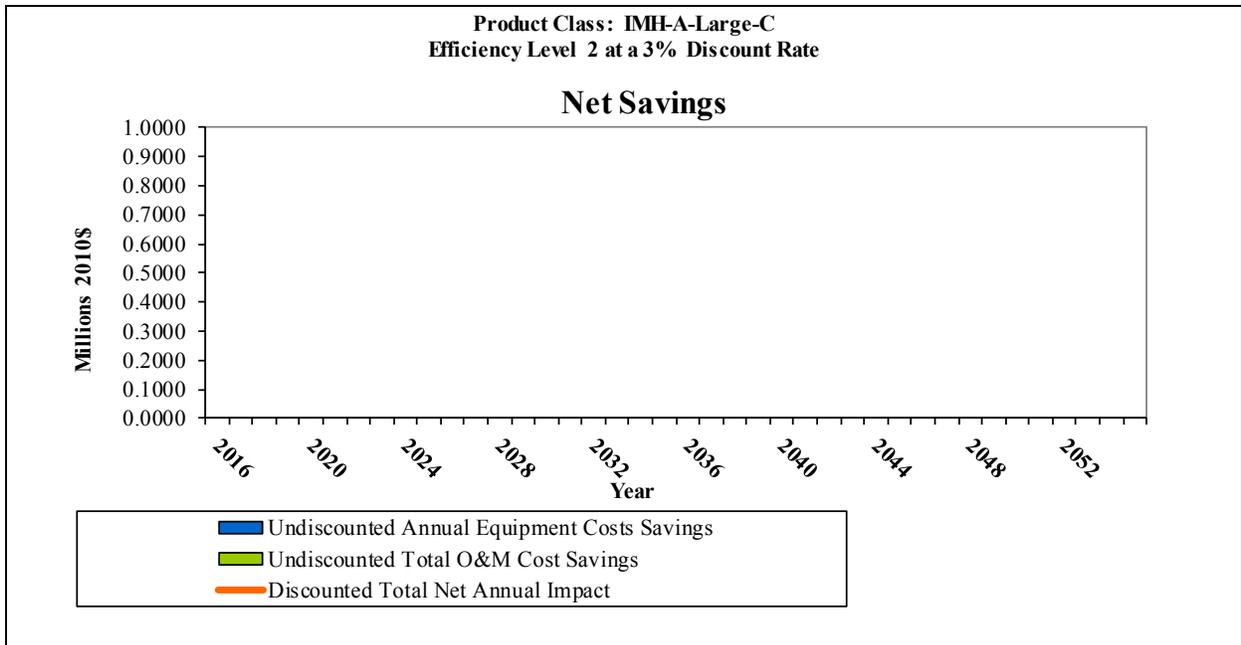


Figure 10B.16.9 National Annual Costs and Savings for IMH-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

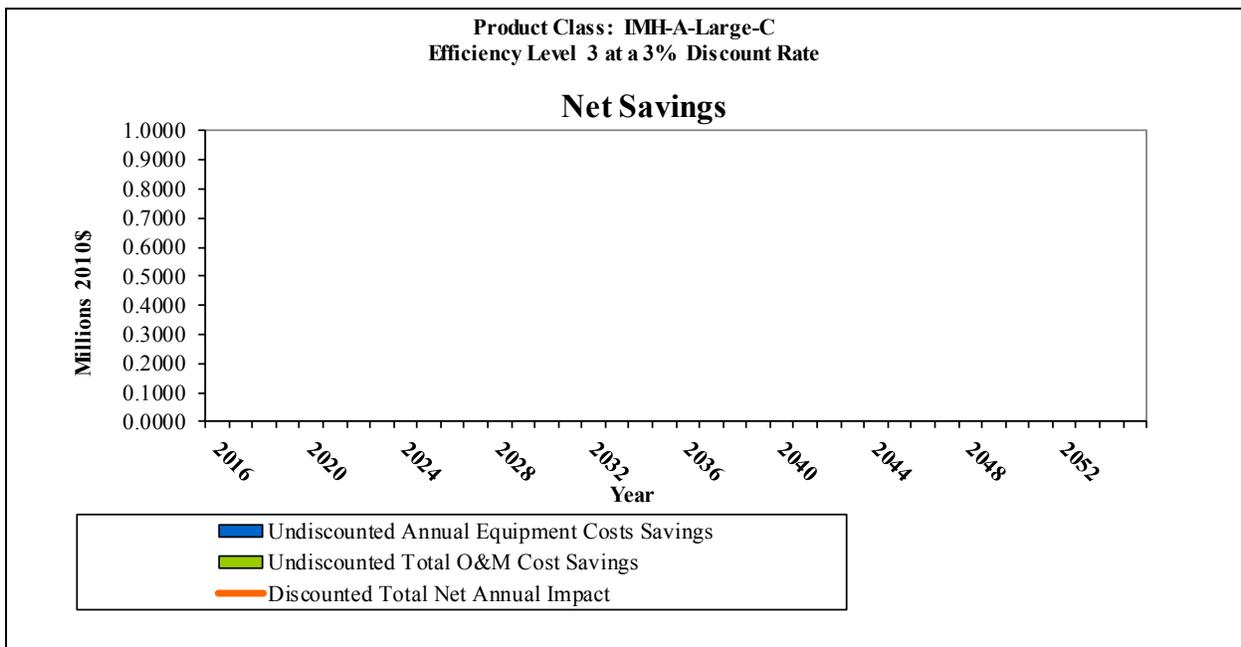


Figure 10B.16.10 National Annual Costs and Savings for IMH-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

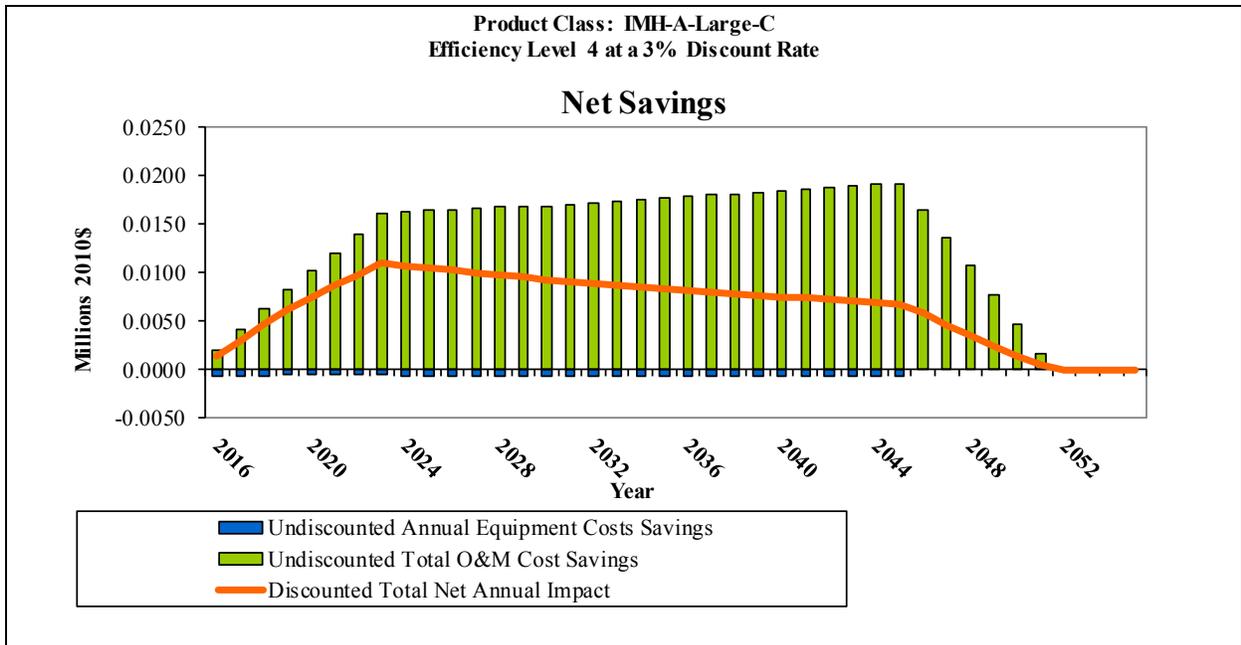


Figure 10B.16.11 National Annual Costs and Savings for IMH-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

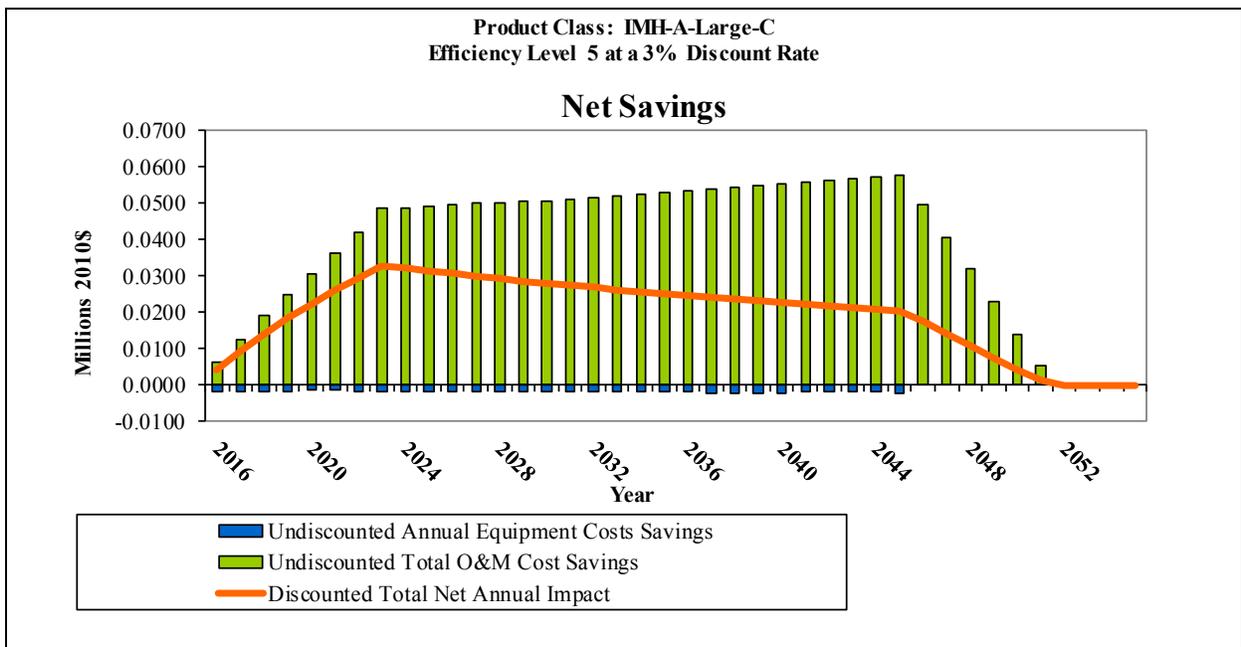


Figure 10B.16.12 National Annual Costs and Savings for IMH-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

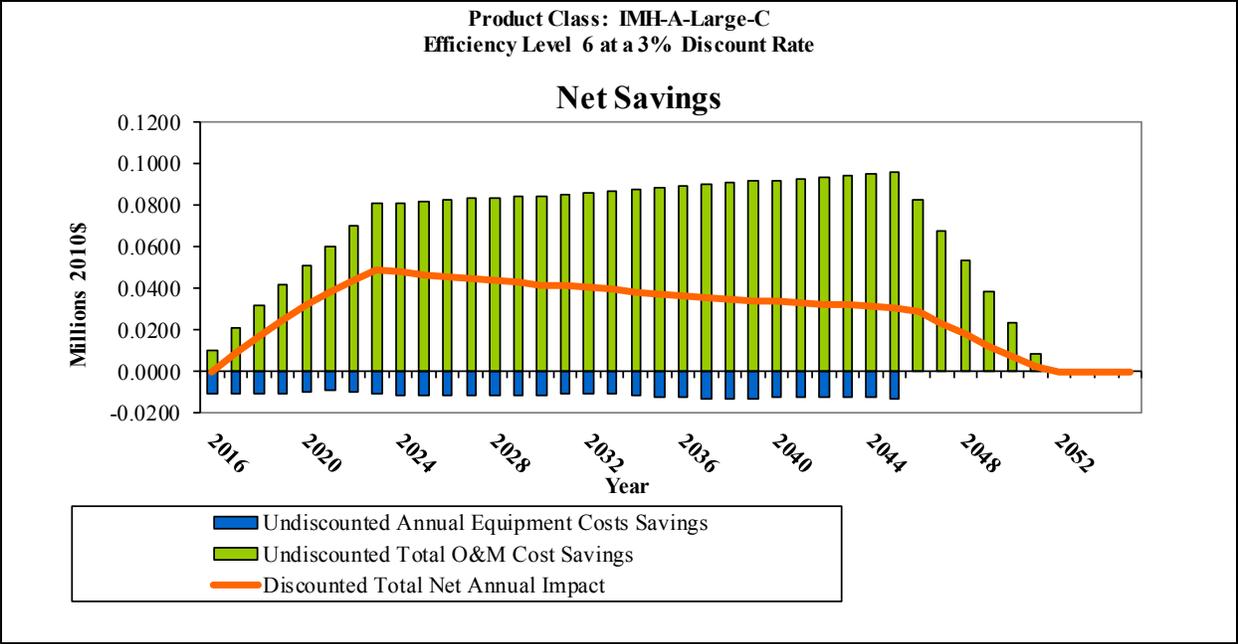


Figure 10B.16.13 National Annual Costs and Savings for IMH-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

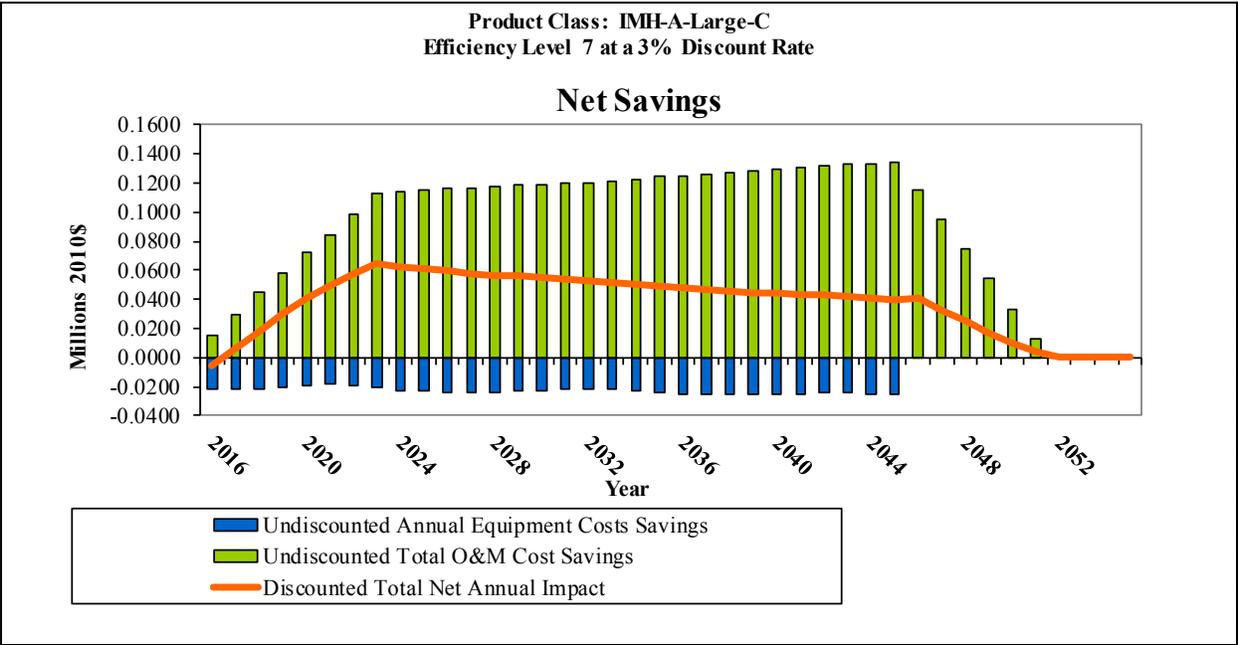


Figure 10B.16.14 National Annual Costs and Savings for IMH-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.17 NATIONAL IMPACT ANALYSIS RESULTS FOR REMOTE CONDENSING UNIT, SMALL, CONTINUOUS (RCU-SMALL-C)

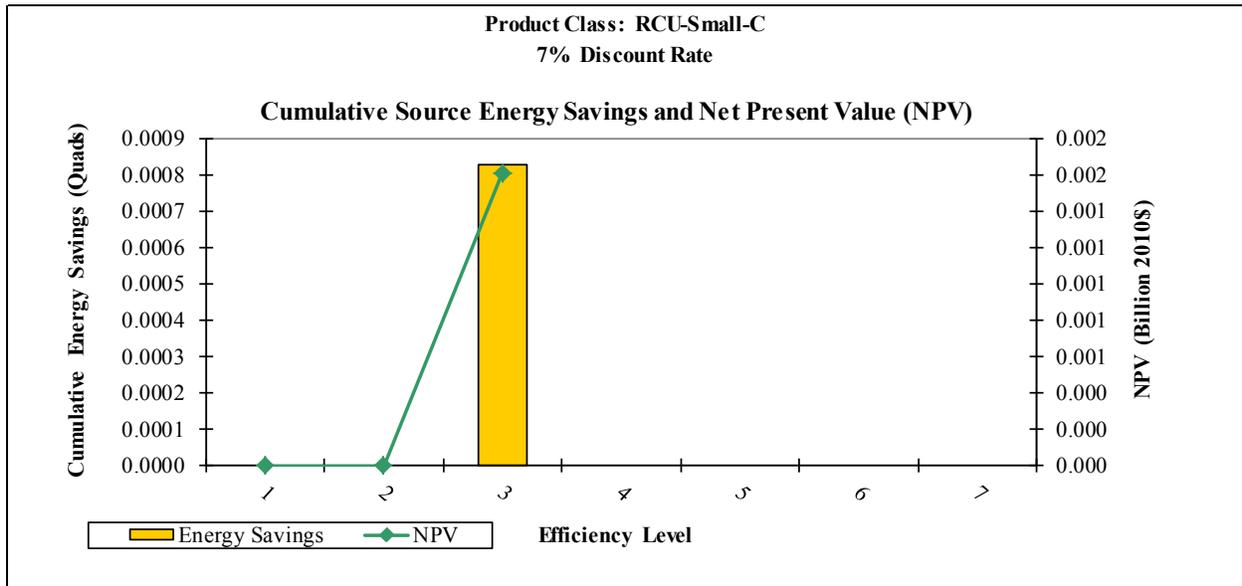


Figure 10B.17.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for RCU-Small-C

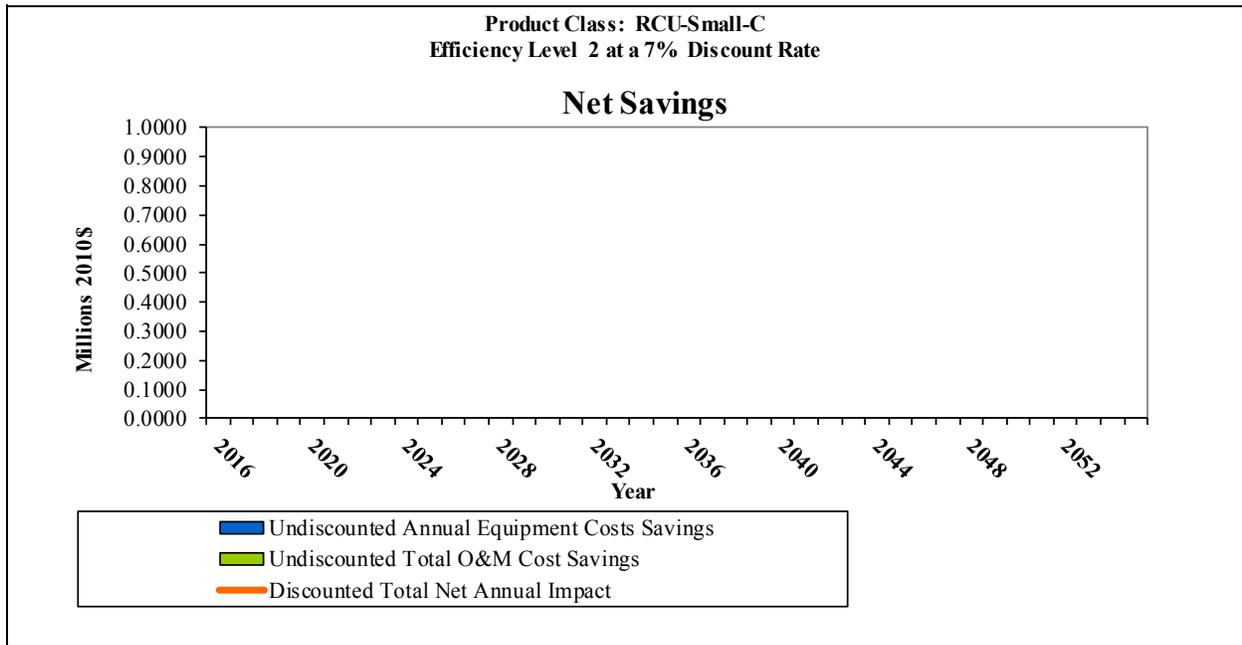


Figure 10B.17.2 National Annual Costs and Savings for RCU-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

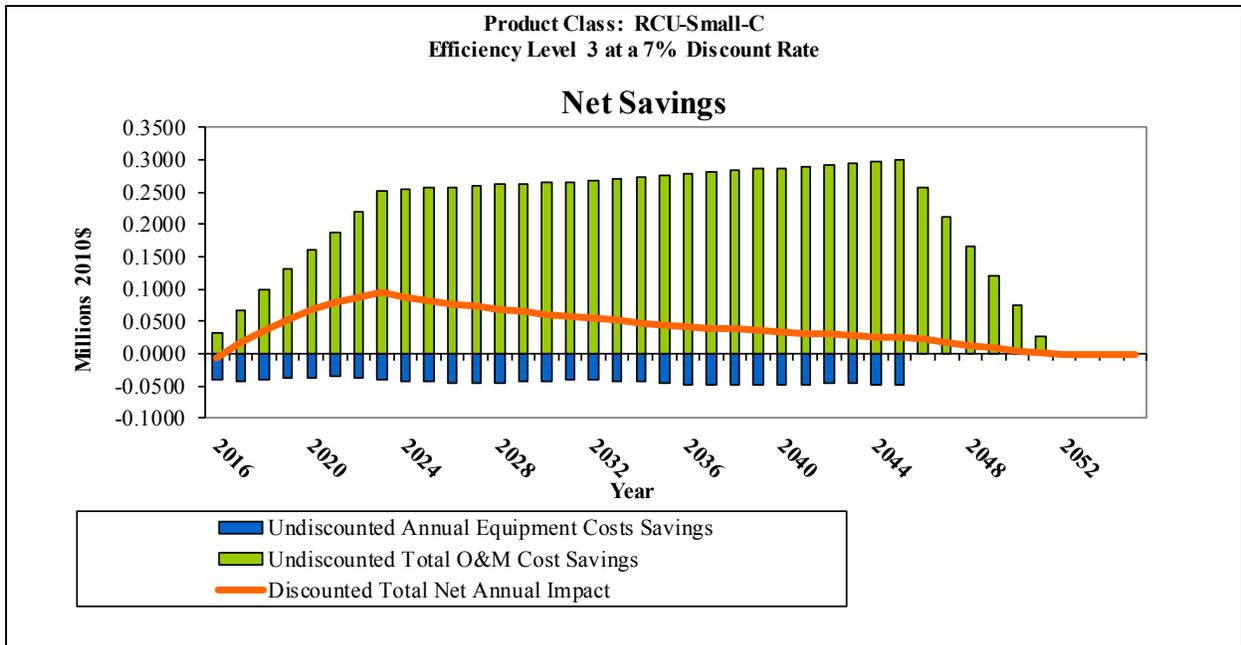


Figure 10B.17.3 National Annual Costs and Savings for RCU-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

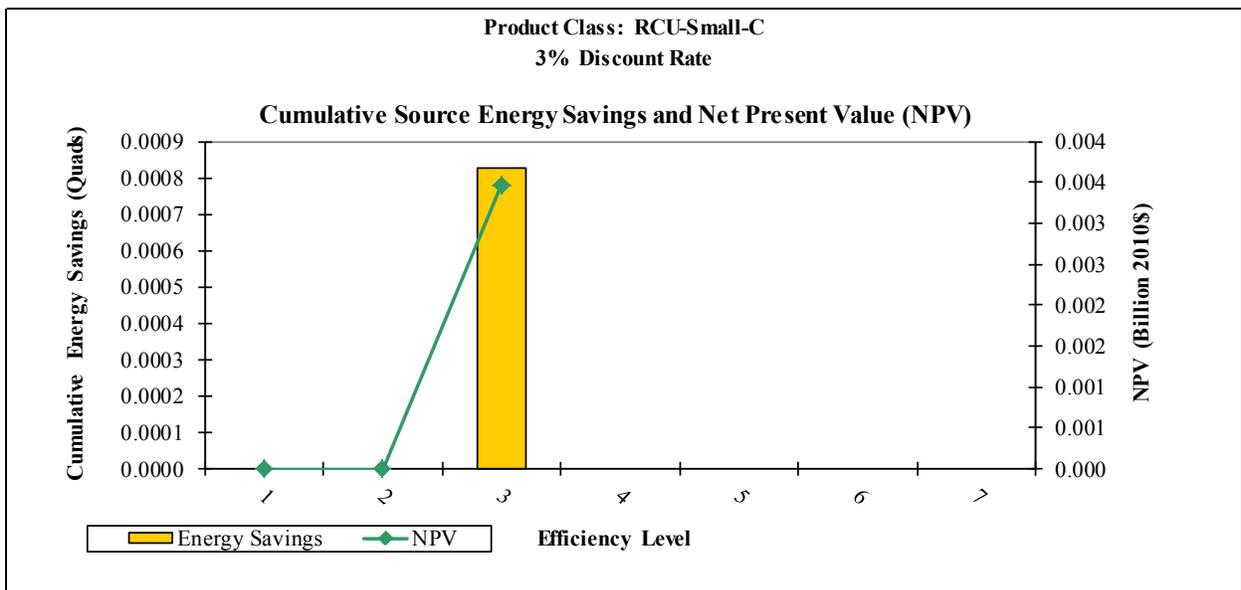


Figure 10B.17.4 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for RCU-Small-C

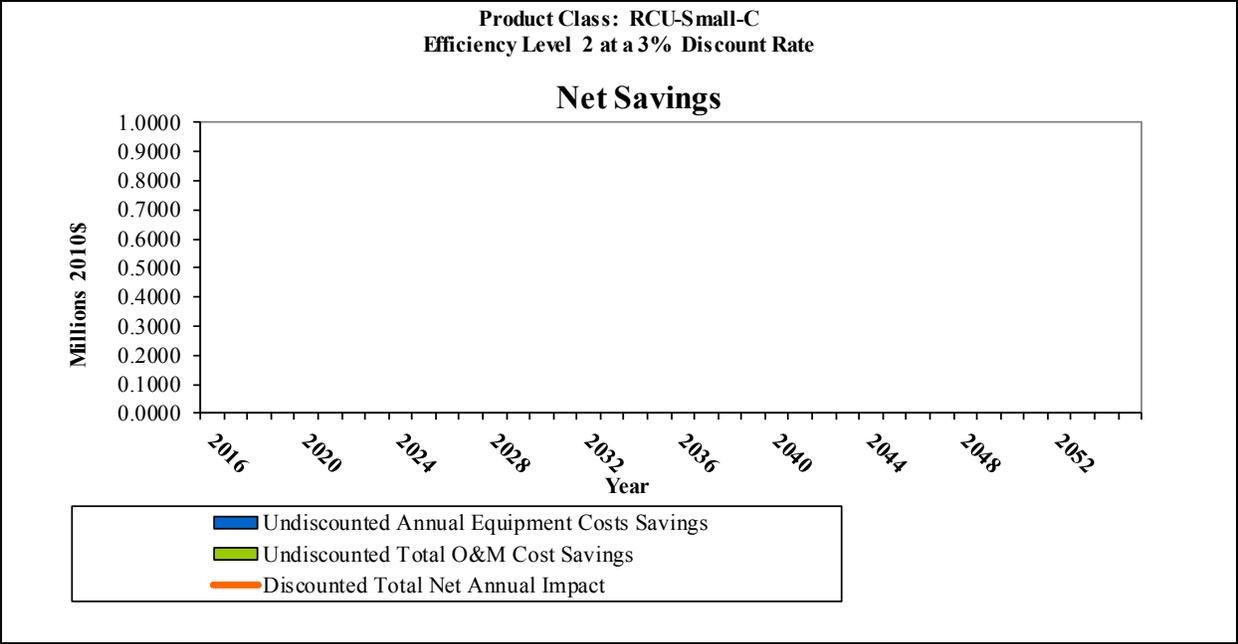


Figure 10B.17.5 National Annual Costs and Savings for RCU-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

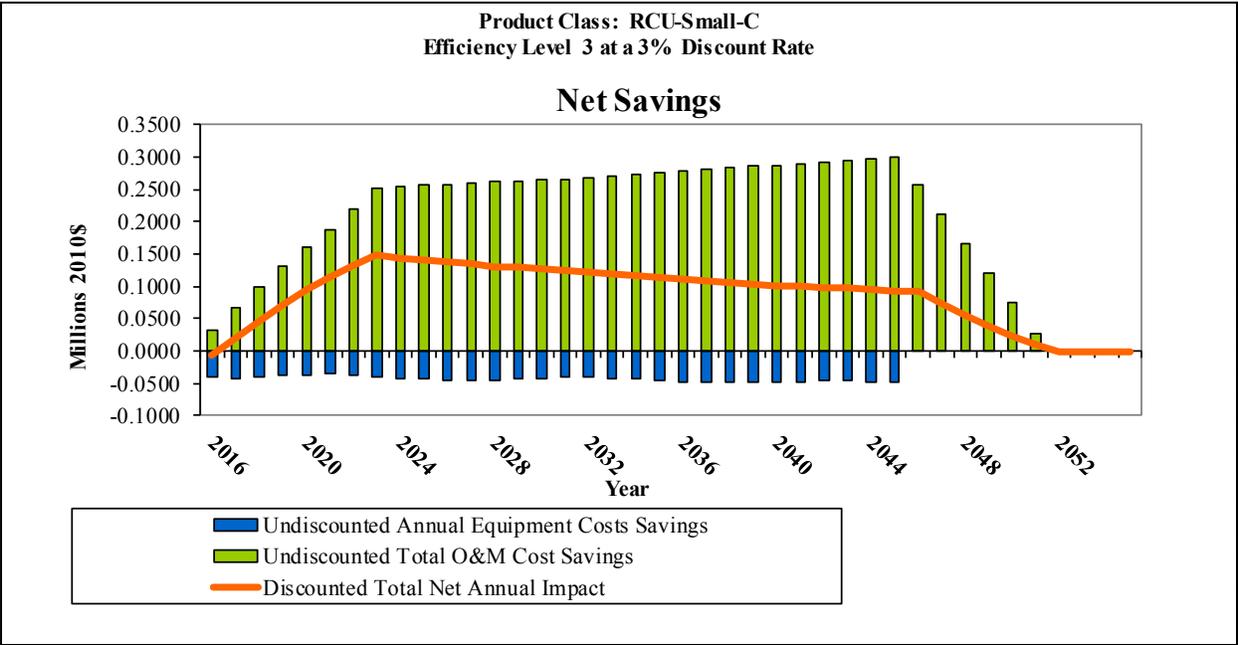


Figure 10B.17.6 National Annual Costs and Savings for RCU-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.18 NATIONAL IMPACT ANALYSIS RESULTS FOR REMOTE CONDENSING UNIT, LARGE, CONTINUOUS (RCU-LARGE-C)

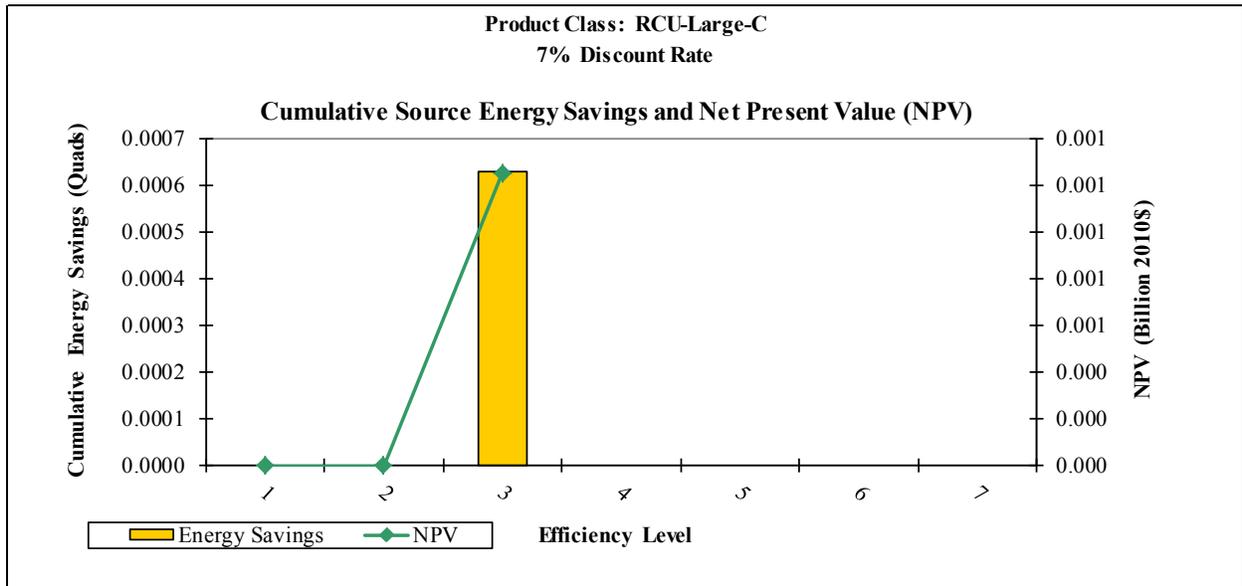


Figure 10B.18.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for RCU-Large-C

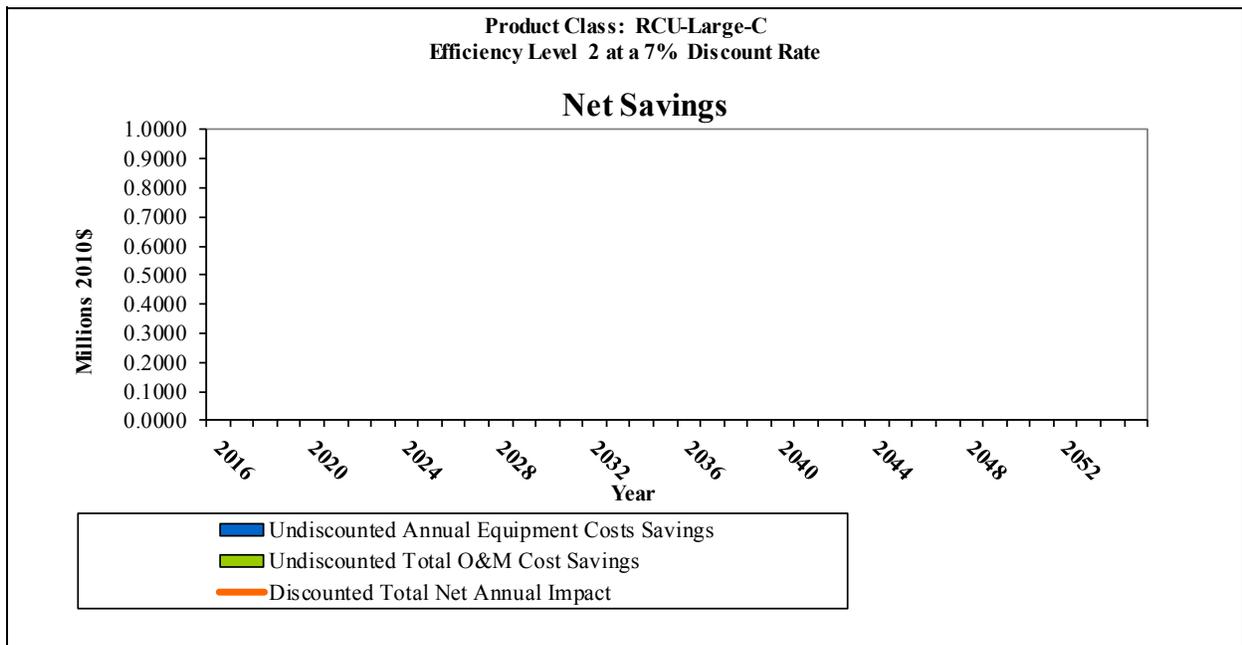


Figure 10B.18.2 National Annual Costs and Savings for RCU-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

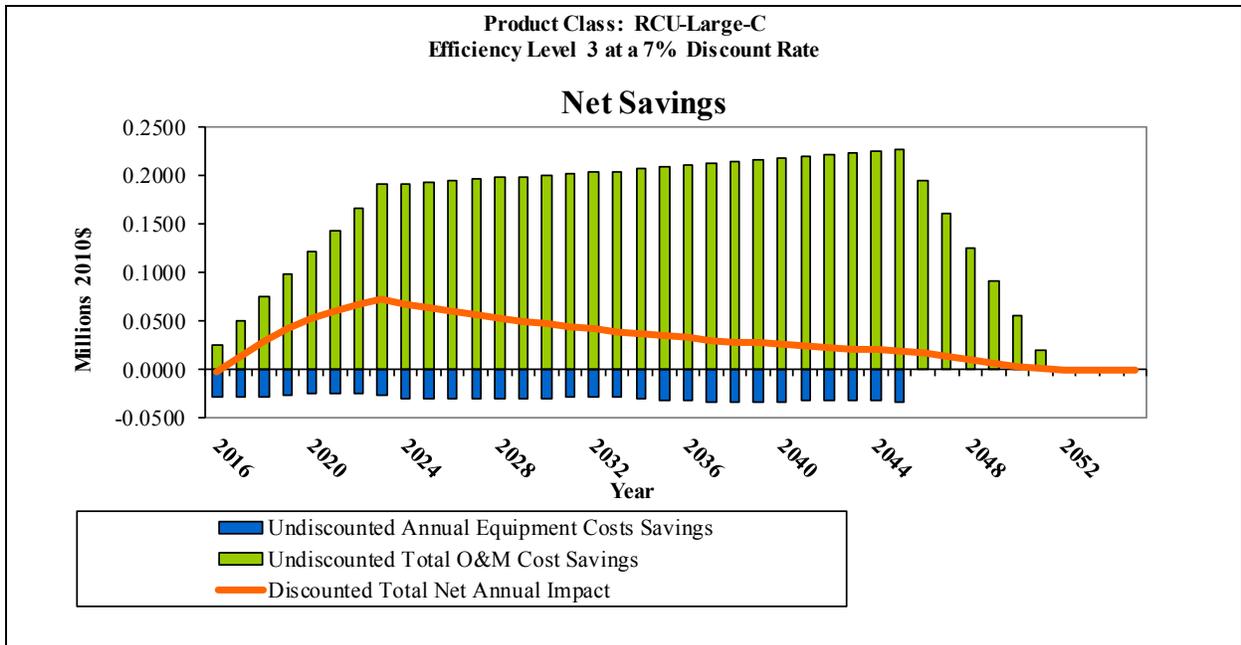


Figure 10B.18.3 National Annual Costs and Savings for RCU-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

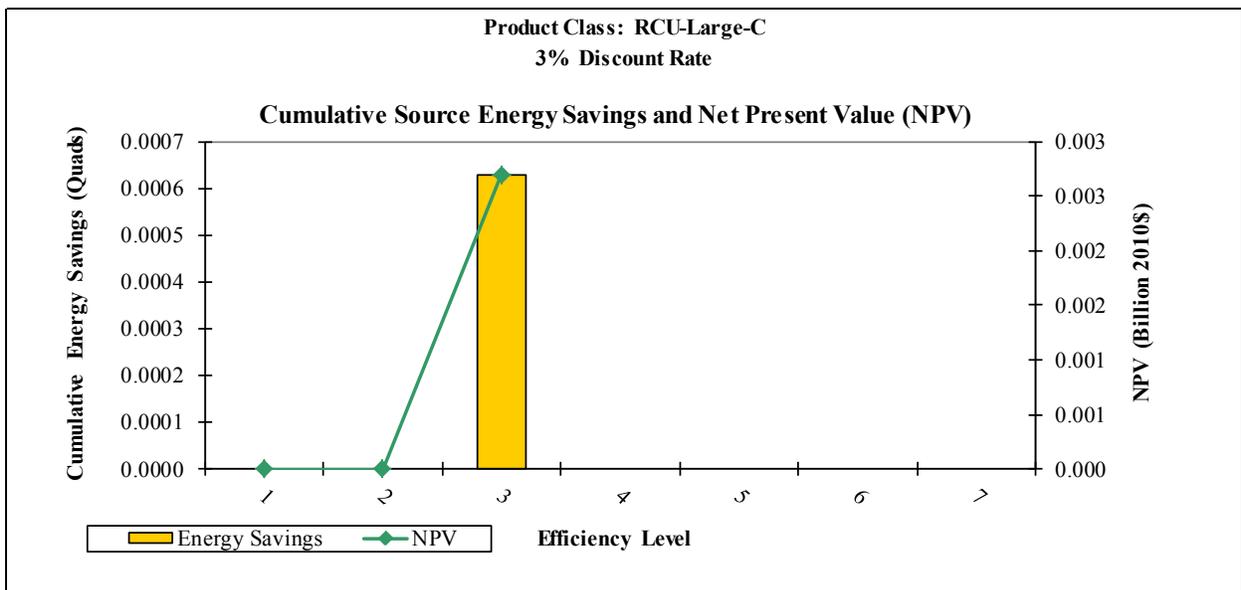


Figure 10B.18.4 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for RCU-Large-C

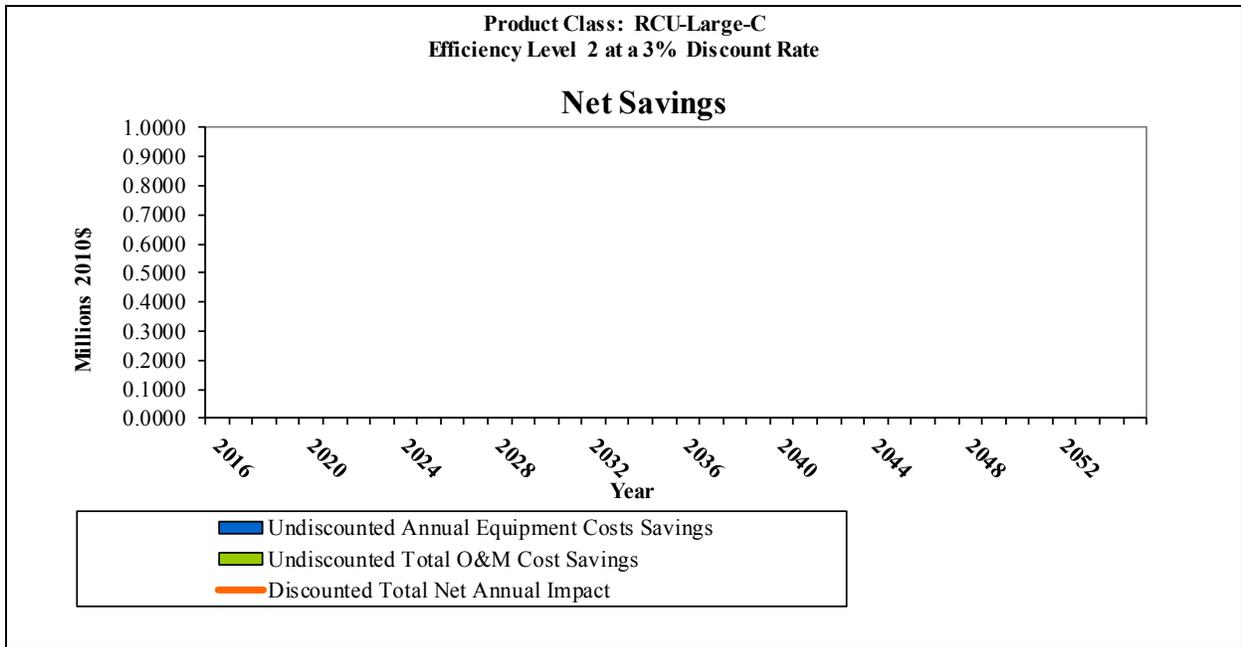


Figure 10B.18.5 National Annual Costs and Savings for RCU-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

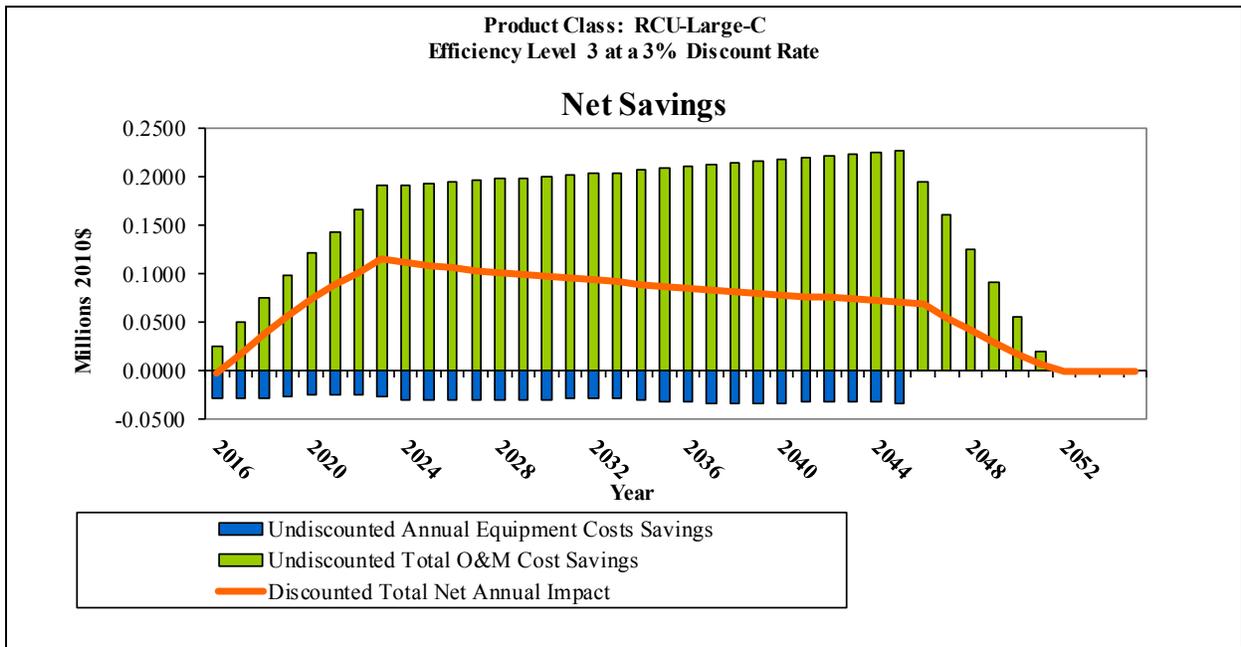


Figure 10B.18.6 National Annual Costs and Savings for RCU-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.19 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, WATER-COOLED, SMALL, CONTINUOUS (SCU-W-SMALL-C)

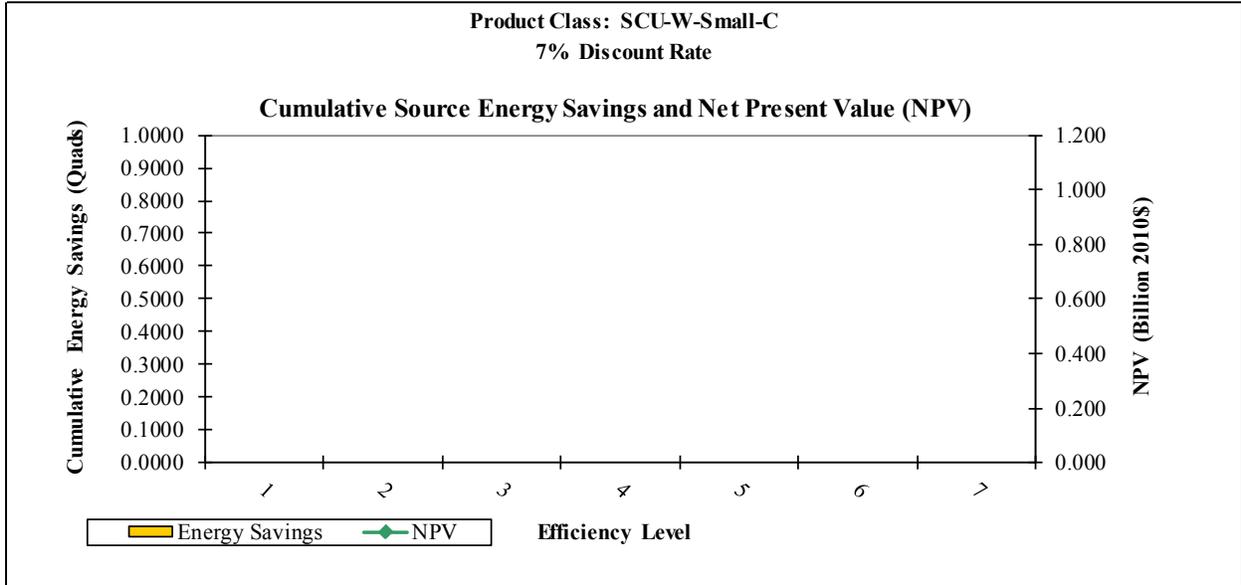


Figure 10B.19.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-W-Small-C

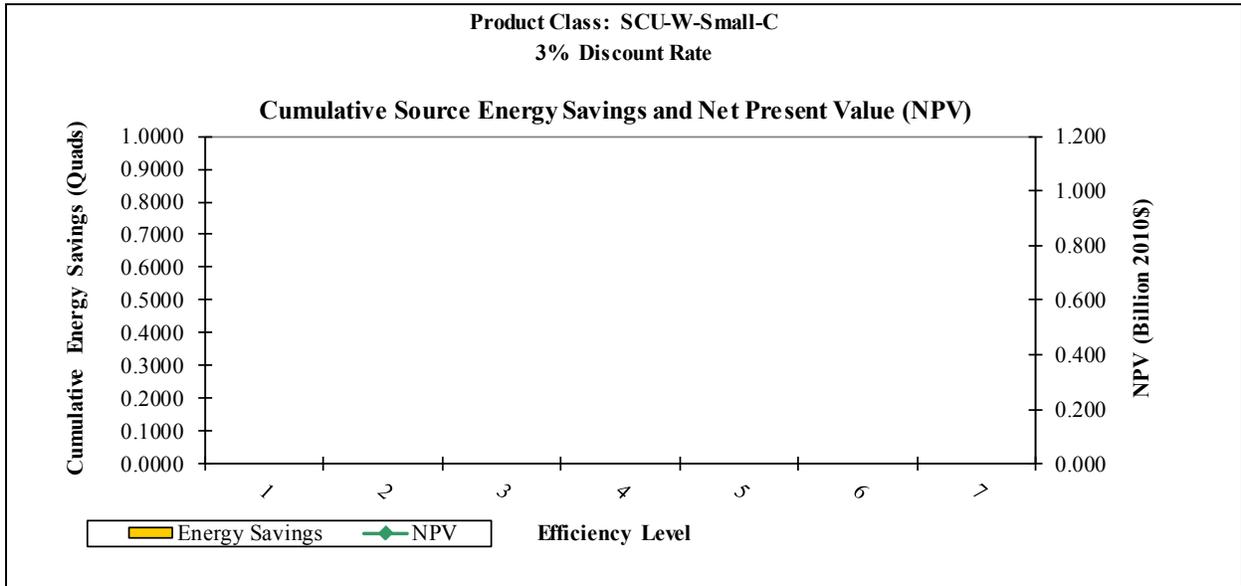


Figure 10B.19.2 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-W-Small-C

10B.20 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, WATER-COOLED, LARGE, CONTINUOUS (SCU-W-LARGE-C)

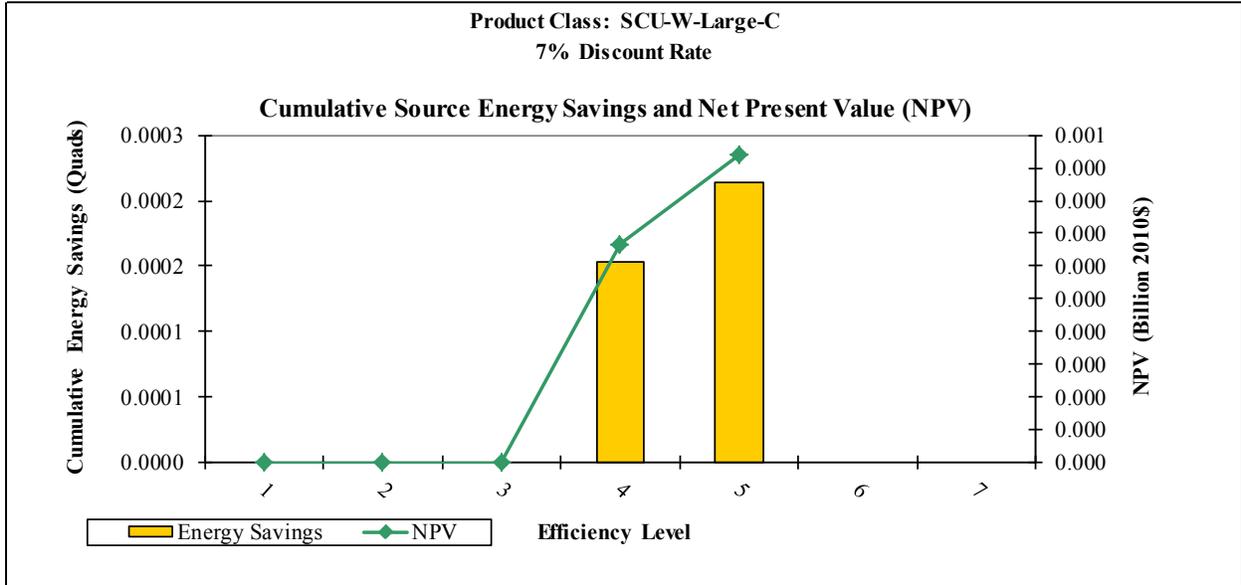


Figure 10B.20.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-W-Large-C

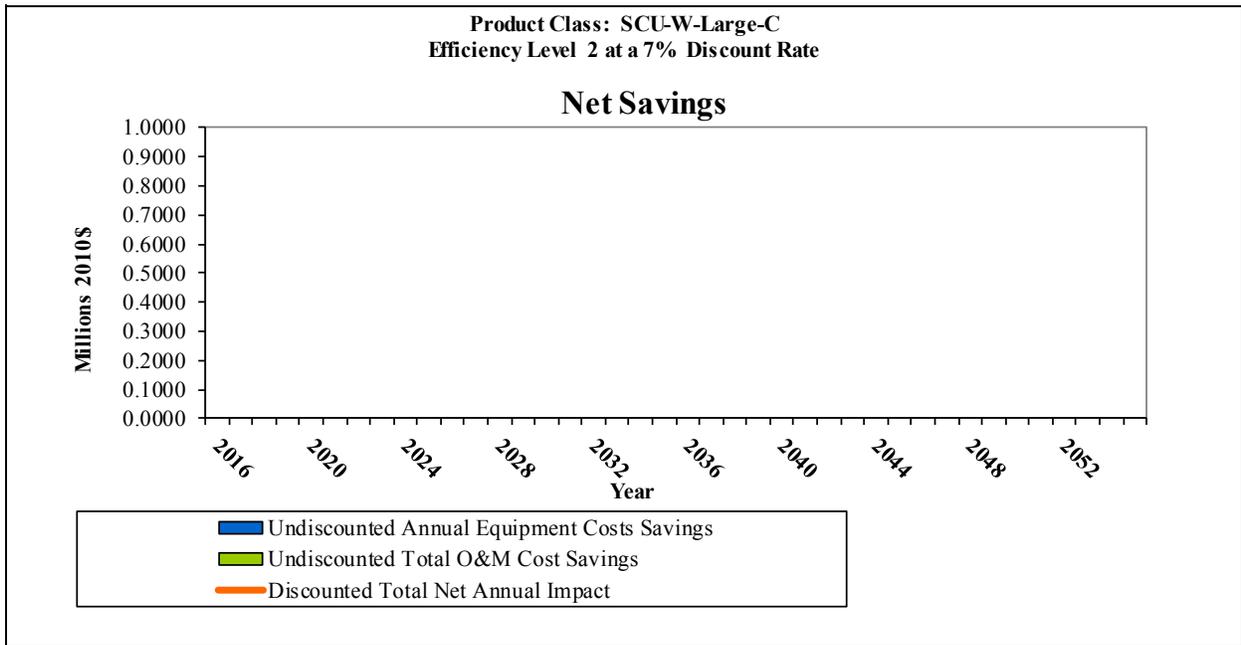


Figure 10B.20.2 National Annual Costs and Savings for SCU-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

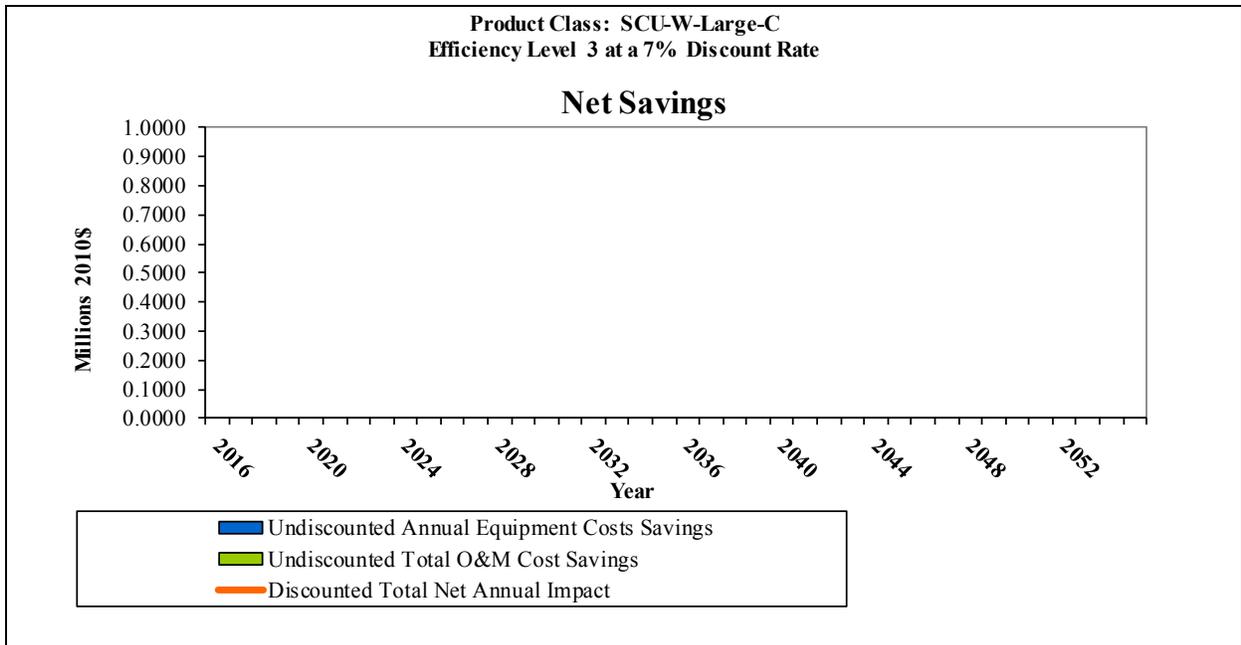


Figure 10B.20.3 National Annual Costs and Savings for SCU-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

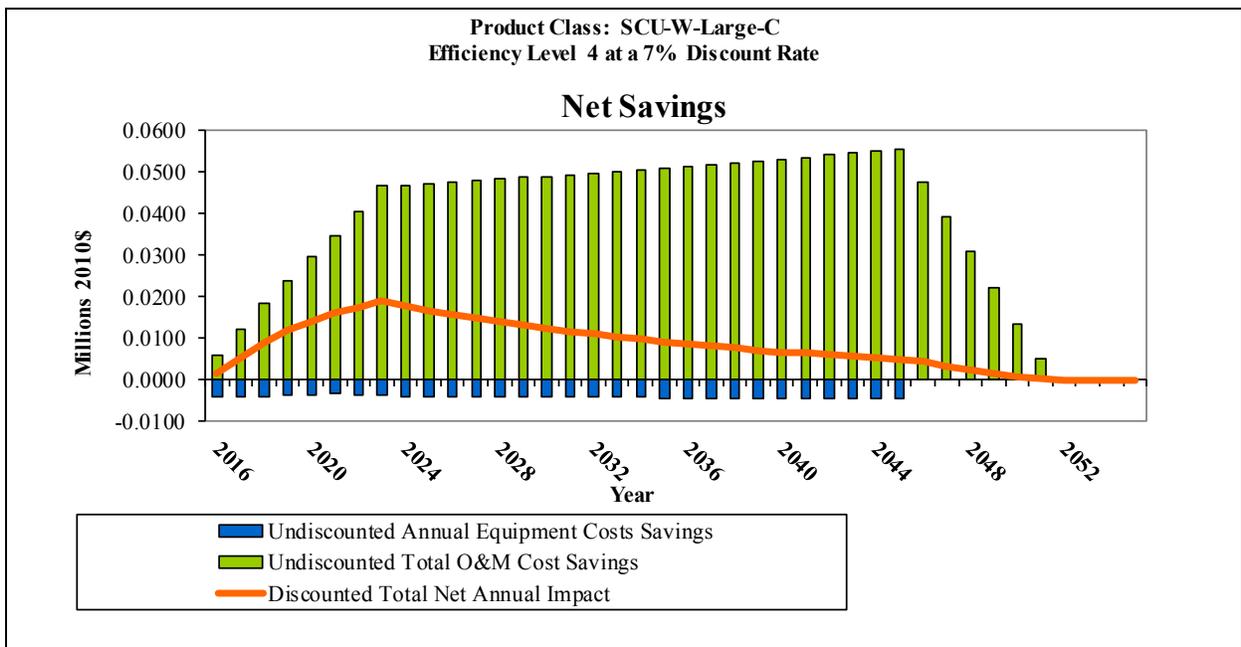


Figure 10B.20.4 National Annual Costs and Savings for SCU-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

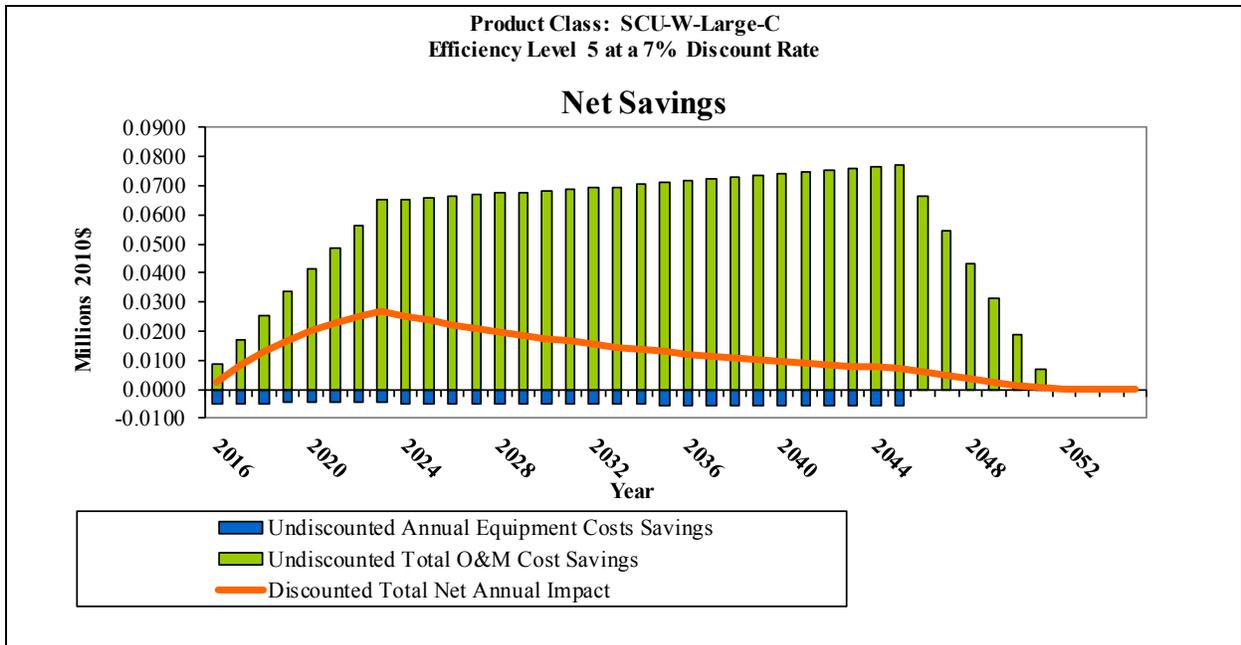


Figure 10B.20.5 National Annual Costs and Savings for SCU-W-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

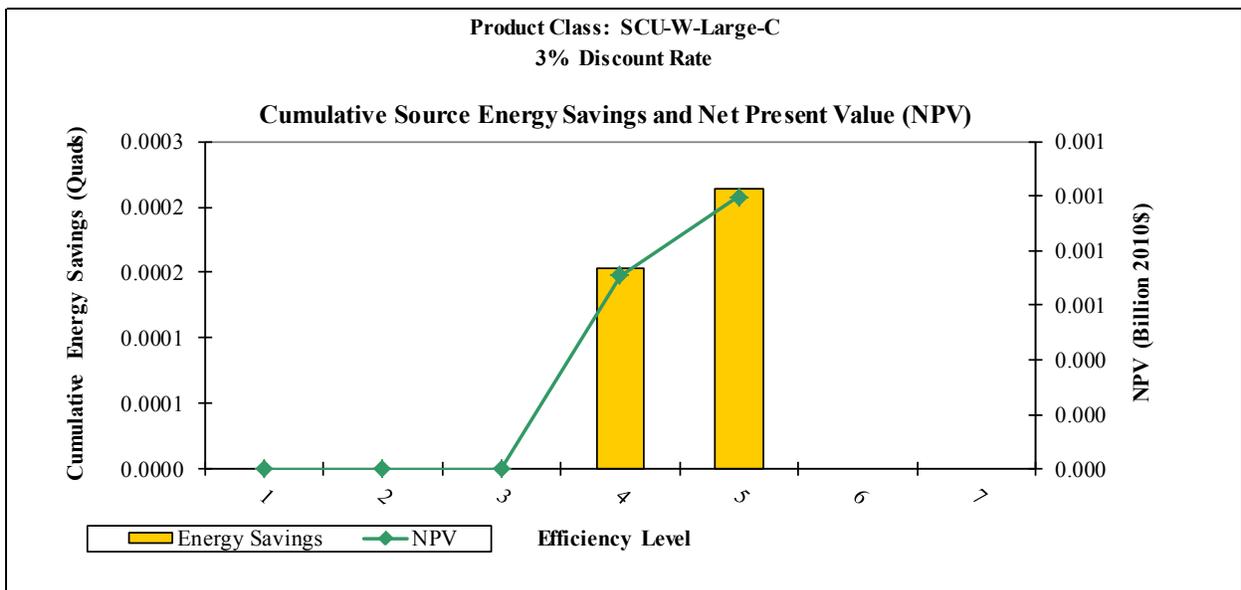


Figure 10B.20.6 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-W-Large-C

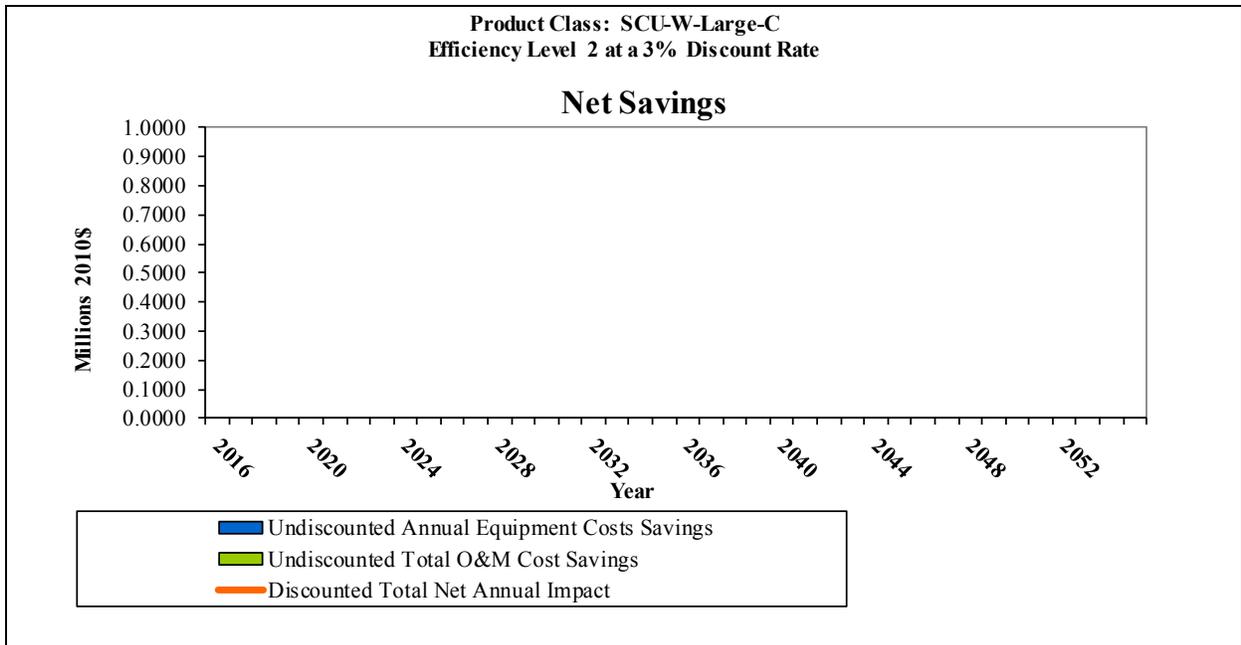


Figure 10B.20.7 National Annual Costs and Savings for SCU-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

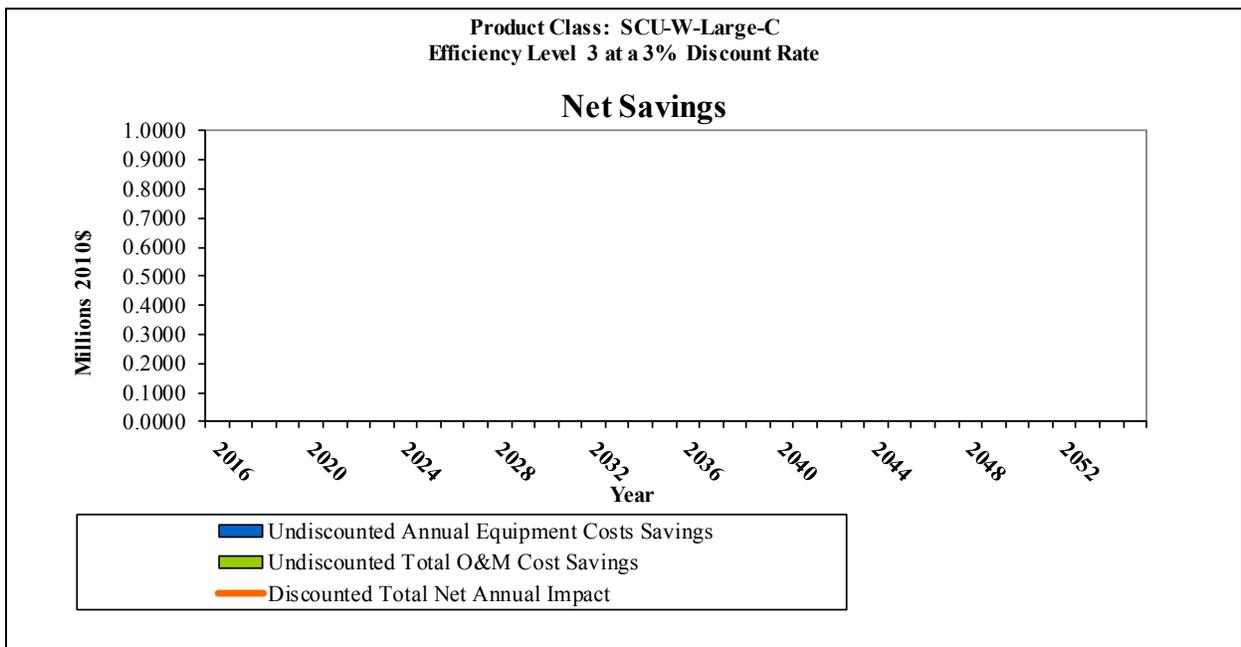


Figure 10B.20.8 National Annual Costs and Savings for SCU-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

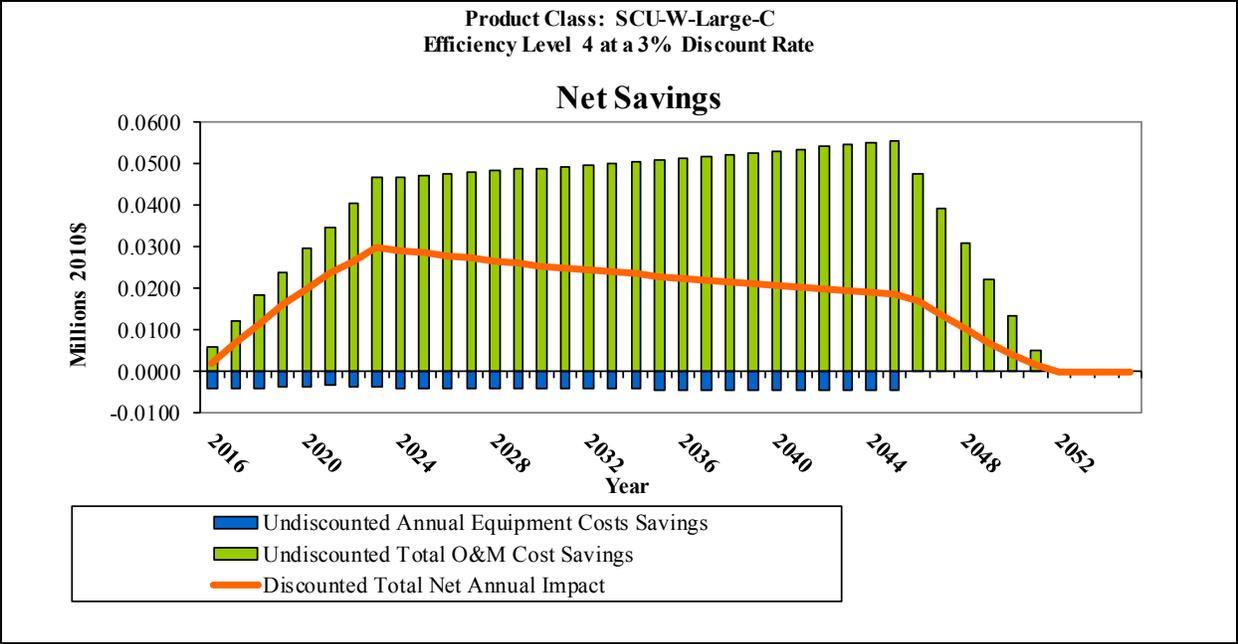


Figure 10B.20.9 National Annual Costs and Savings for SCU-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

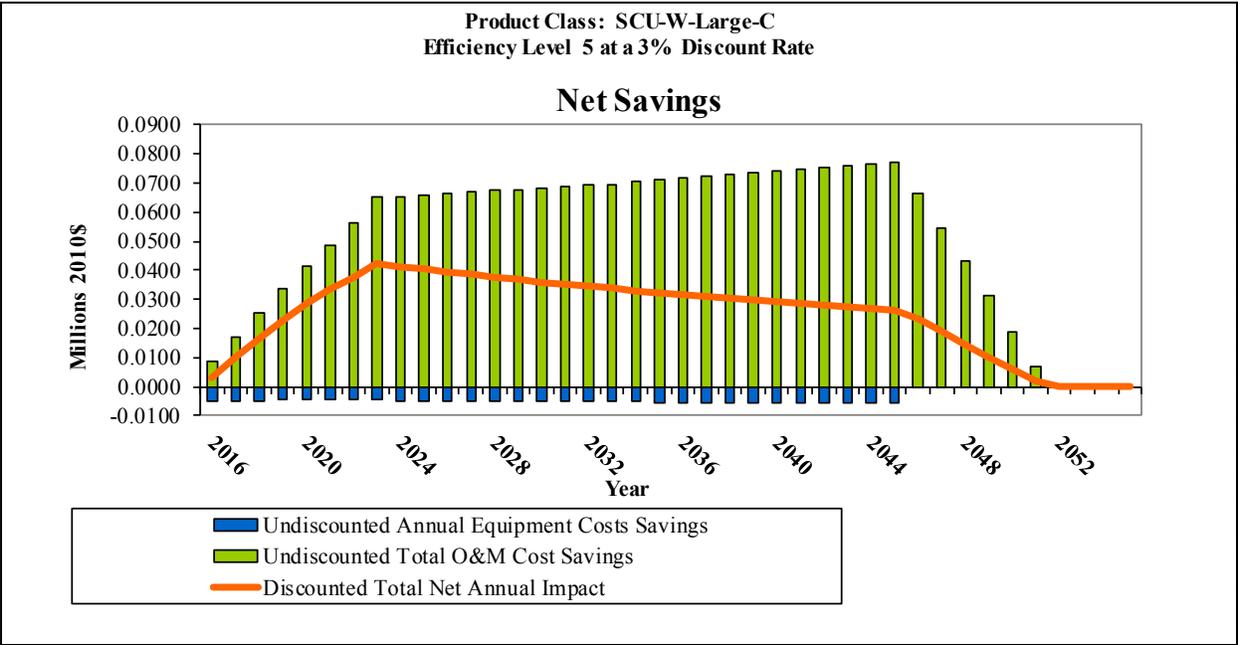


Figure 10B.20.10 National Annual Costs and Savings for SCU-W-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.21 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, AIR-COOLED, SMALL, CONTINUOUS (SCU-A-SMALL-C)

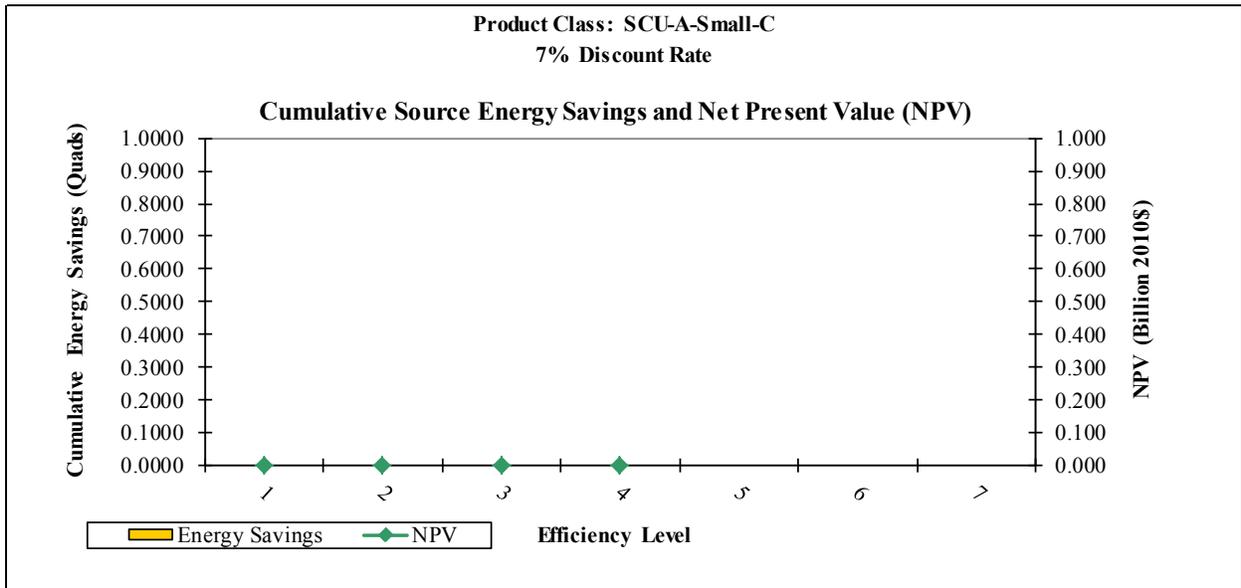


Figure 10B.21.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-A-Small-C

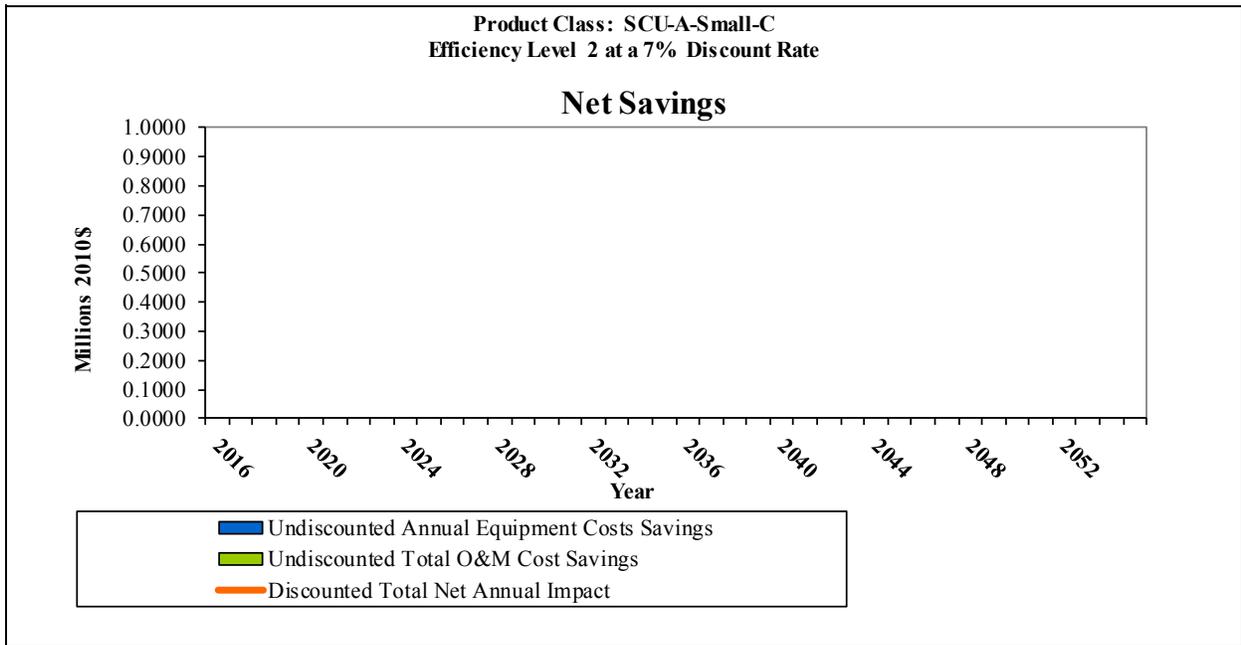


Figure 10B.21.2 National Annual Costs and Savings for SCU-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

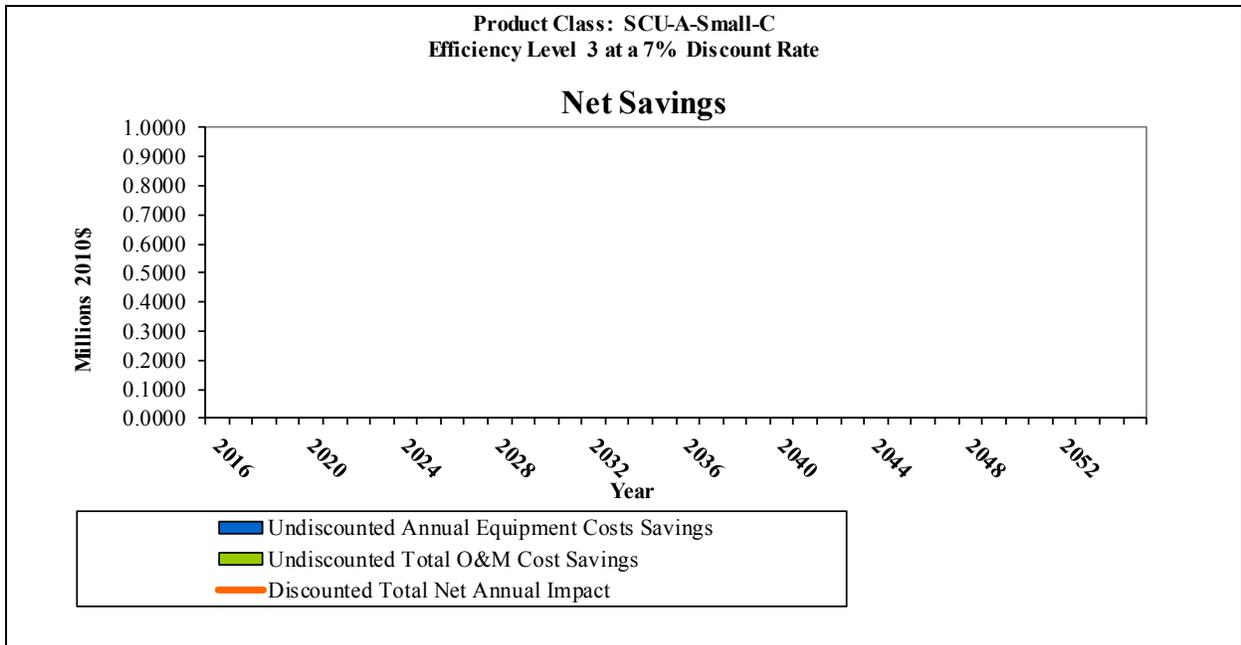


Figure 10B.21.3 National Annual Costs and Savings for SCU-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

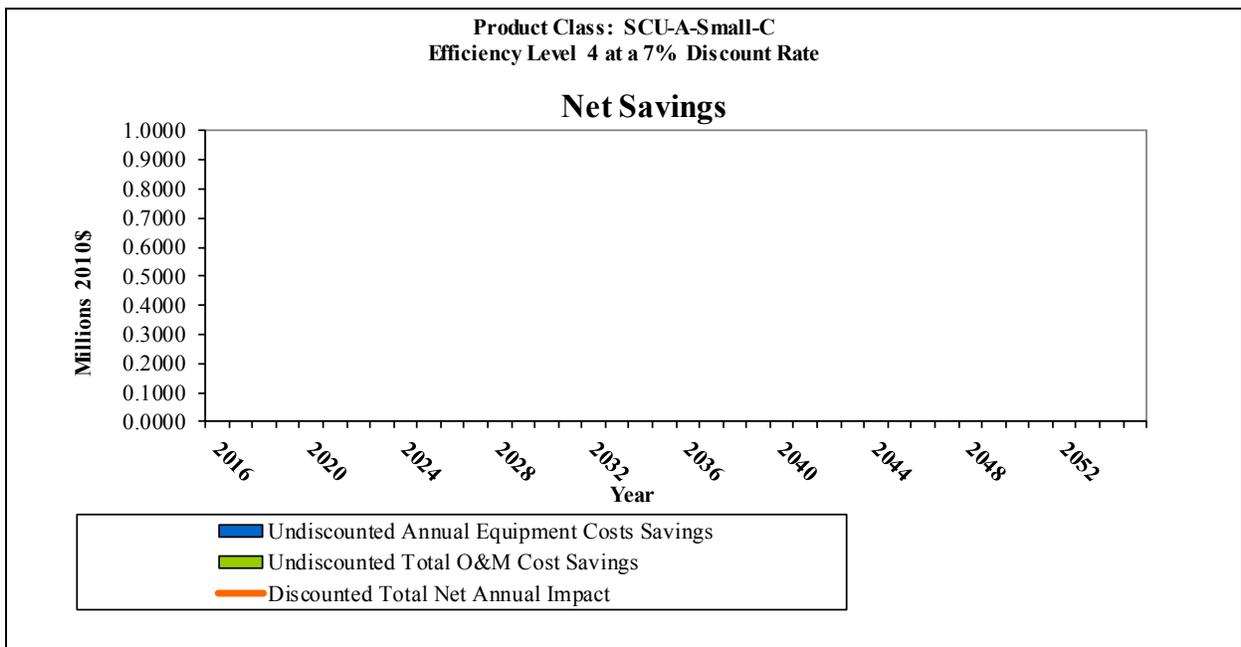


Figure 10B.21.4 National Annual Costs and Savings for SCU-A-Small-C Based on a 7-Percent Discount Rate (Million 2010\$)

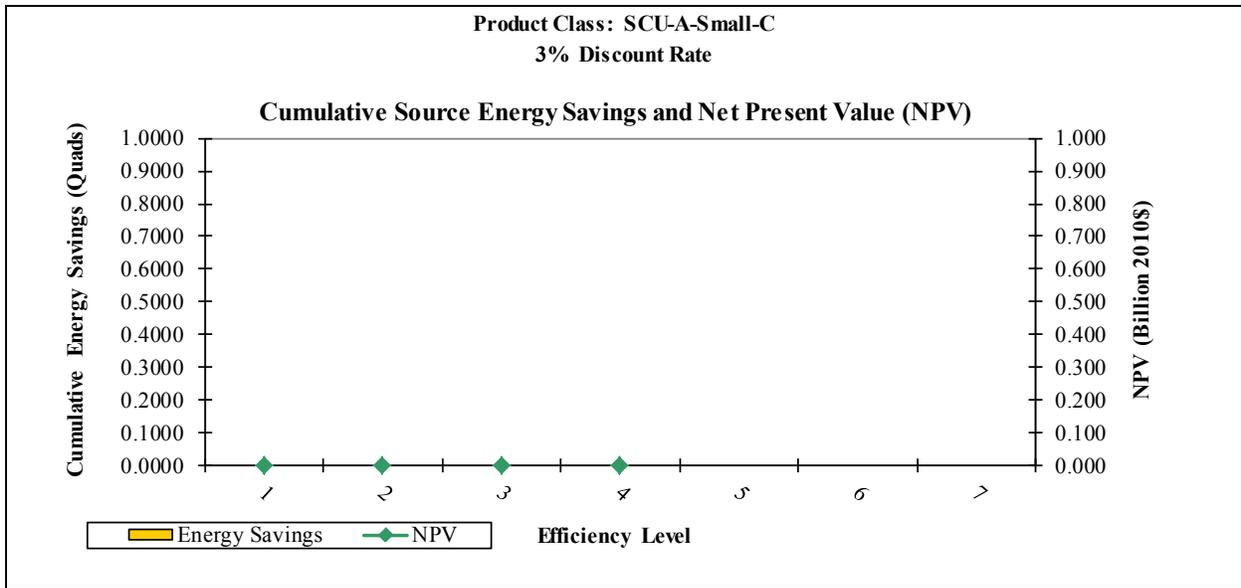


Figure 10B.21.5 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-A-Small-C

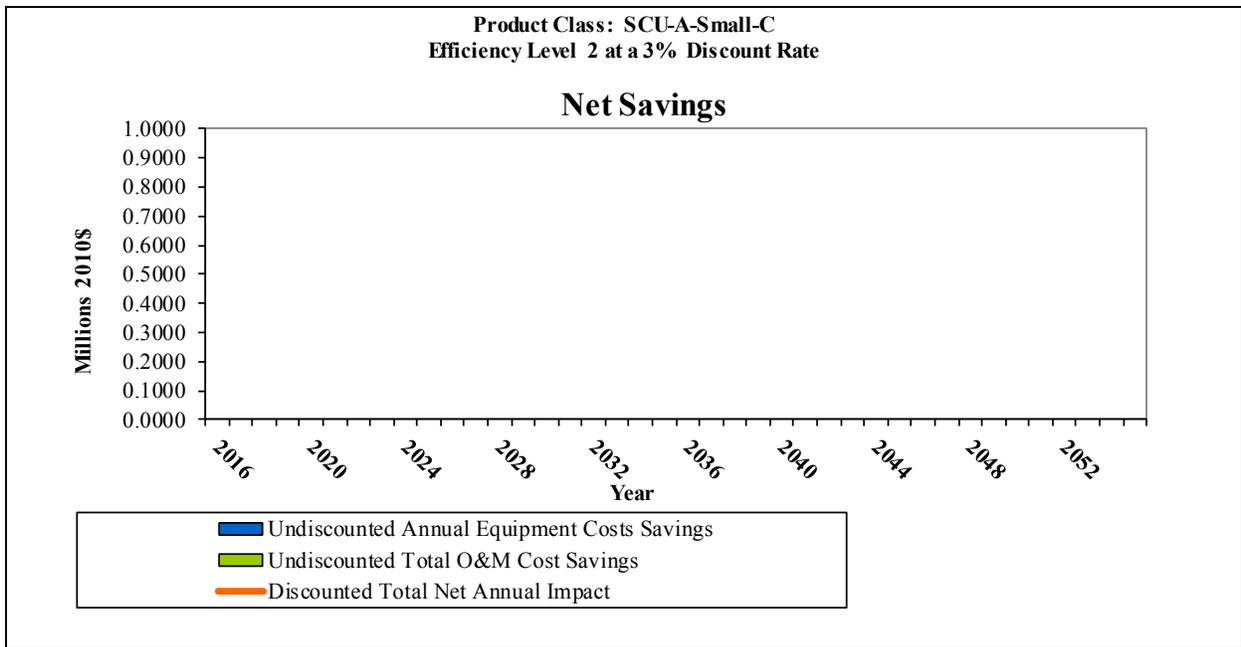


Figure 10B.21.6 National Annual Costs and Savings for SCU-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

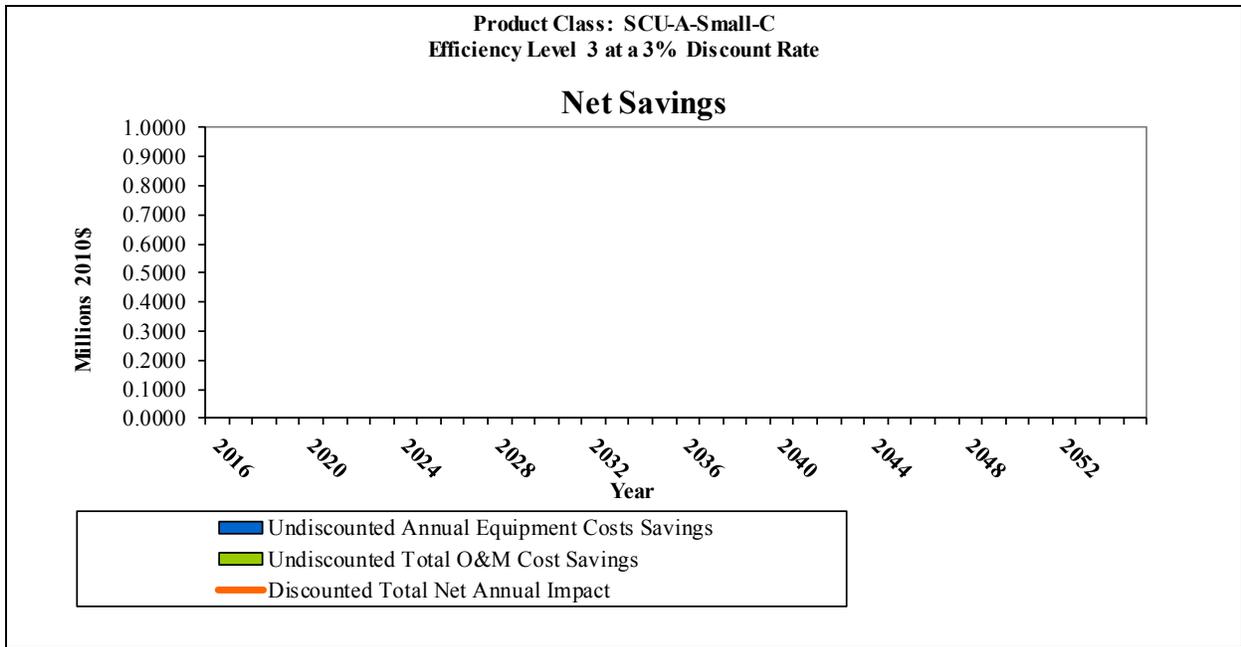


Figure 10B.21.7 National Annual Costs and Savings for SCU-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

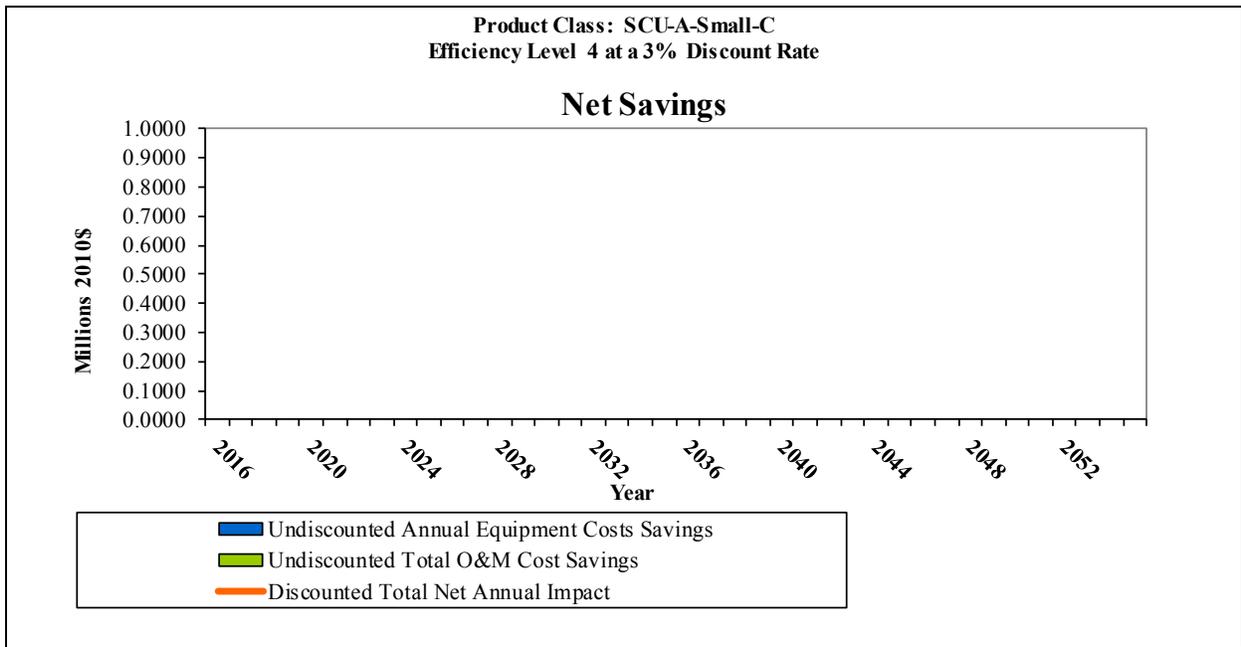


Figure 10B.21.8 National Annual Costs and Savings for SCU-A-Small-C Based on a 3-Percent Discount Rate (Million 2010\$)

10B.22 NATIONAL IMPACT ANALYSIS RESULTS FOR SELF-CONTAINED UNIT, AIR-COOLED, LARGE, CONTINUOUS (SCU-A-LARGE-C)

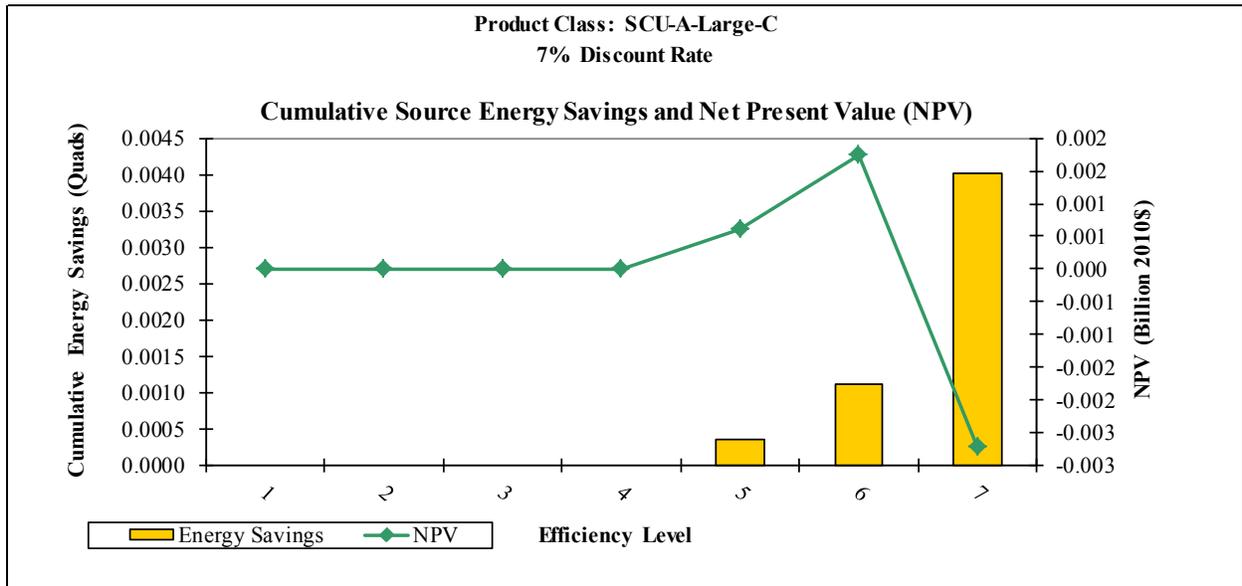


Figure 10B.22.1 Cumulative NPV Results Based on a 7-Percent Discount Rate and Cumulative NES for SCU-A-Large-C

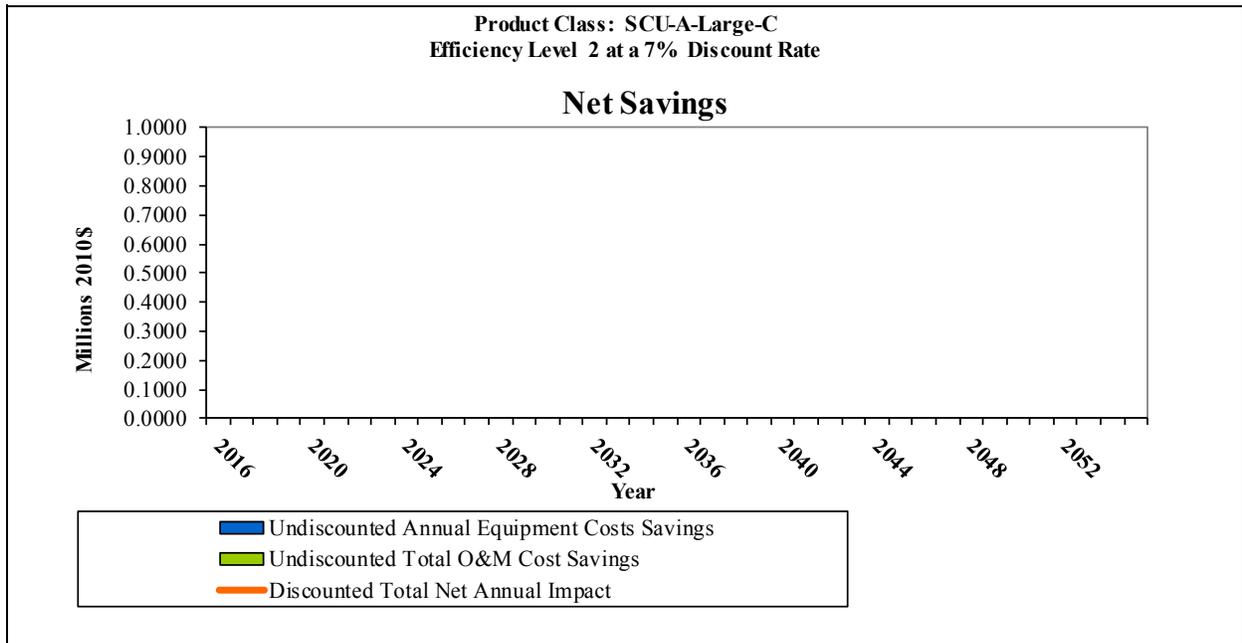


Figure 10B.22.2 National Annual Costs and Savings for SCU-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

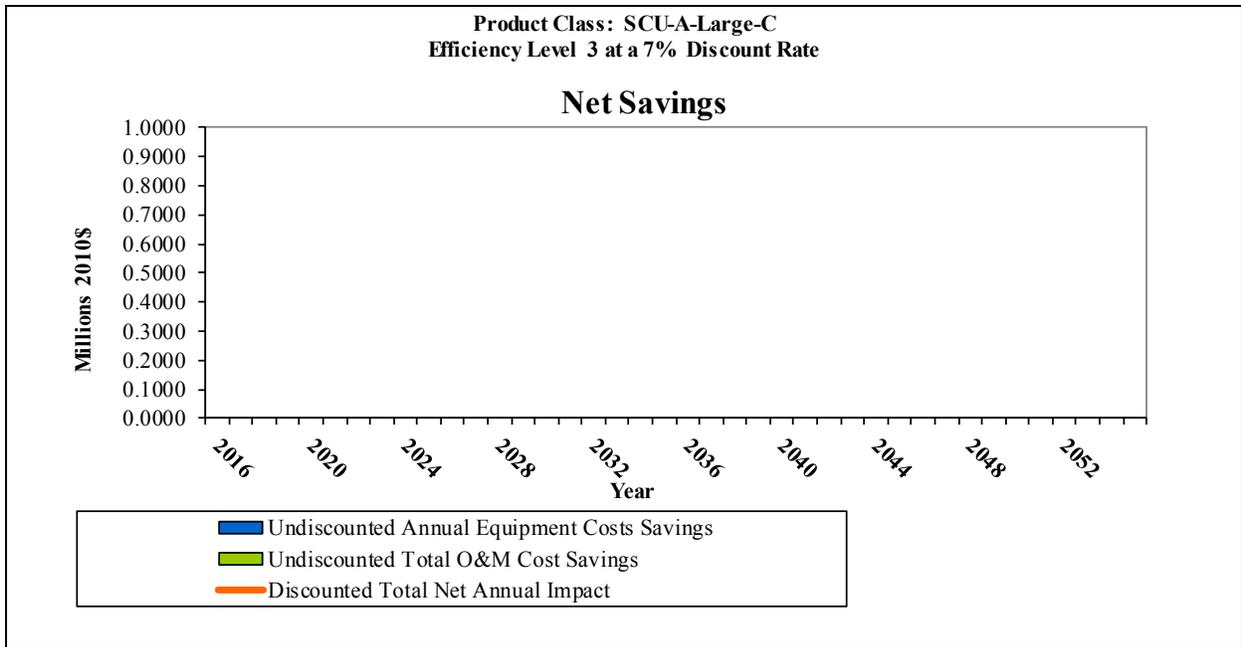


Figure 10B.22.3 National Annual Costs and Savings for SCU-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

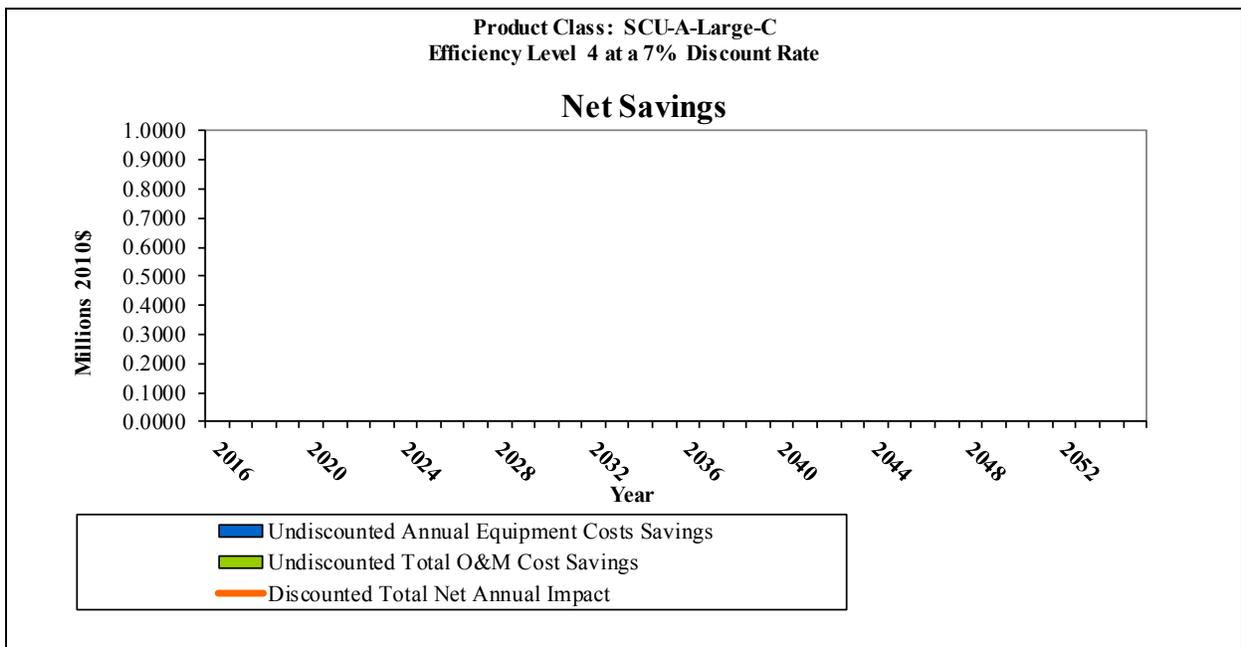


Figure 10B.22.4 National Annual Costs and Savings for SCU-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

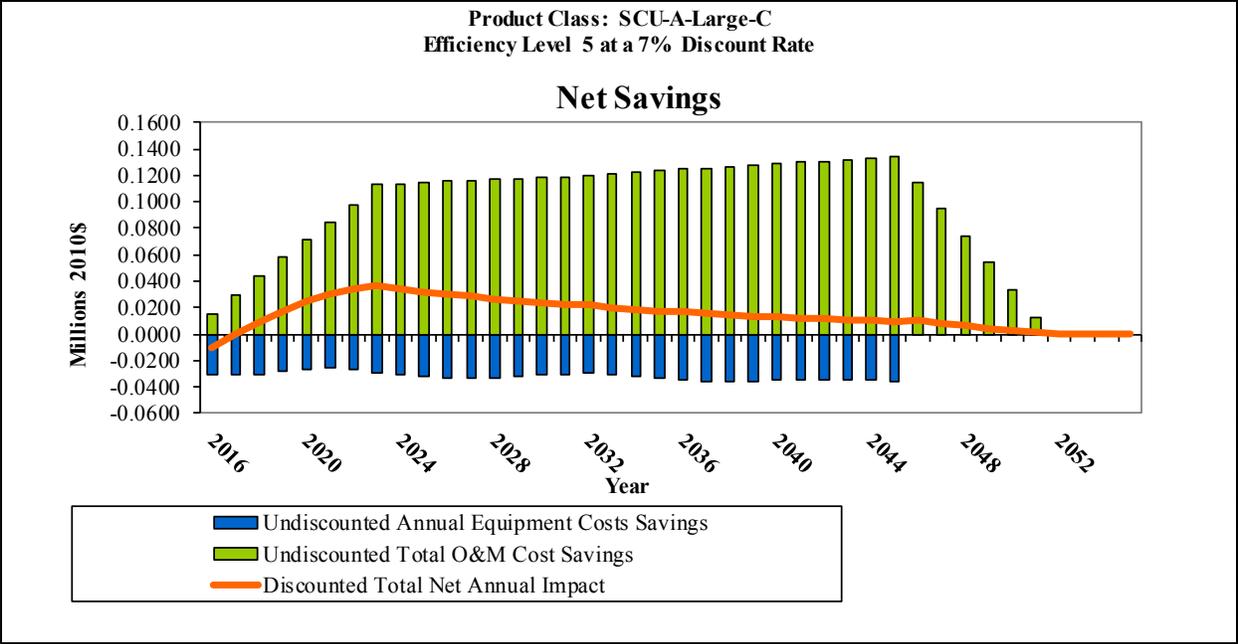


Figure 10B.22.5 National Annual Costs and Savings for SCU-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

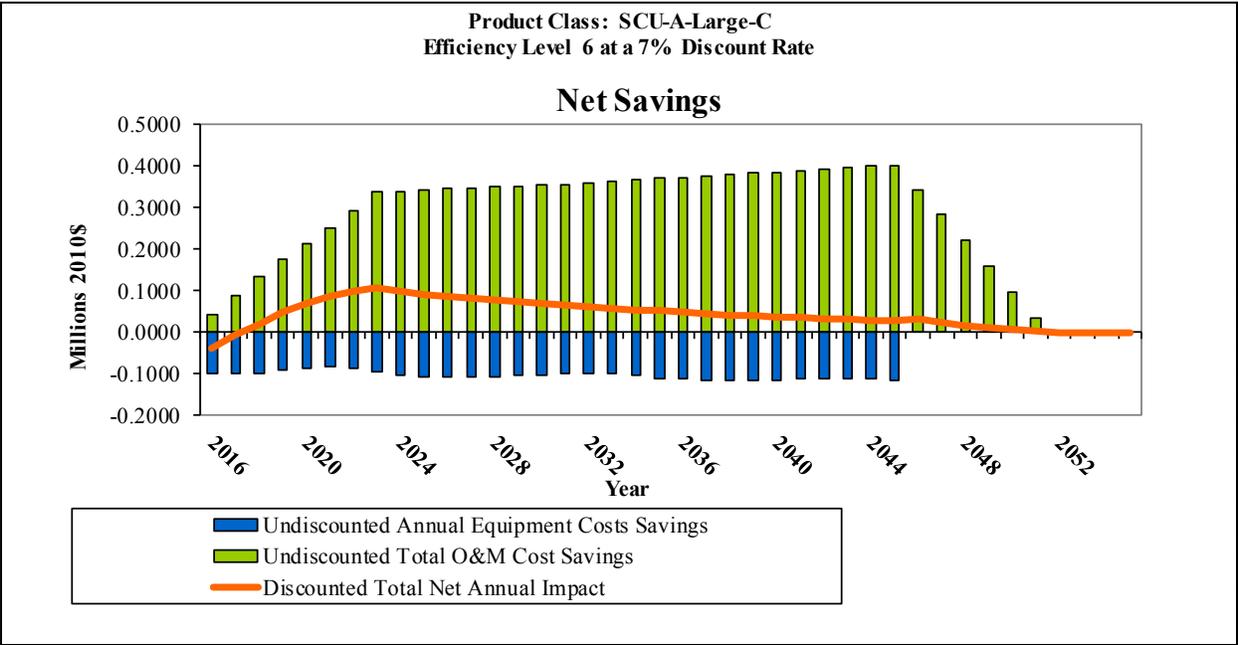


Figure 10B.22.6 National Annual Costs and Savings for SCU-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

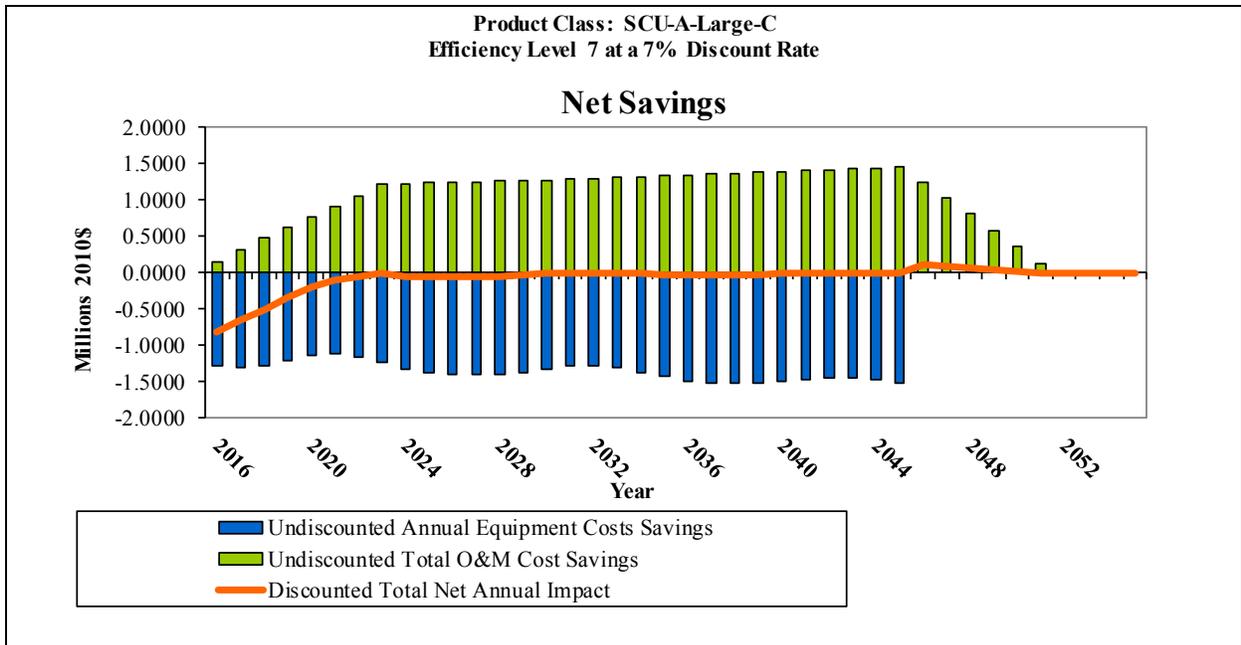


Figure 10B.22.7 National Annual Costs and Savings for SCU-A-Large-C Based on a 7-Percent Discount Rate (Million 2010\$)

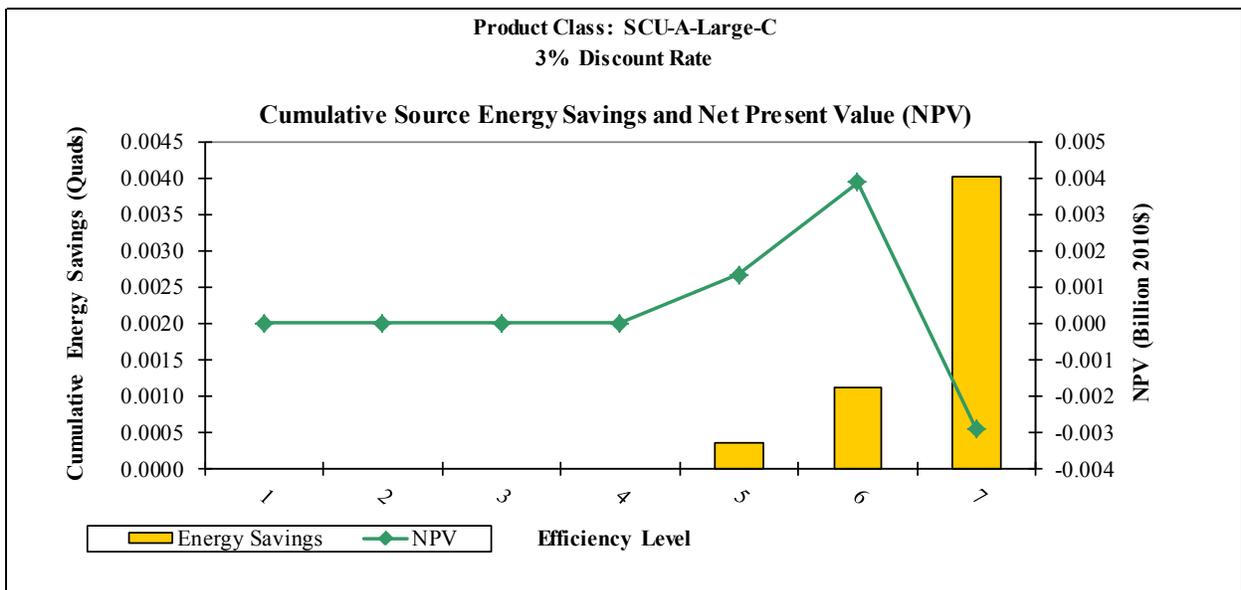


Figure 10B.22.8 Cumulative NPV Results Based on a 3-Percent Discount Rate and Cumulative NES for SCU-A-Large-C

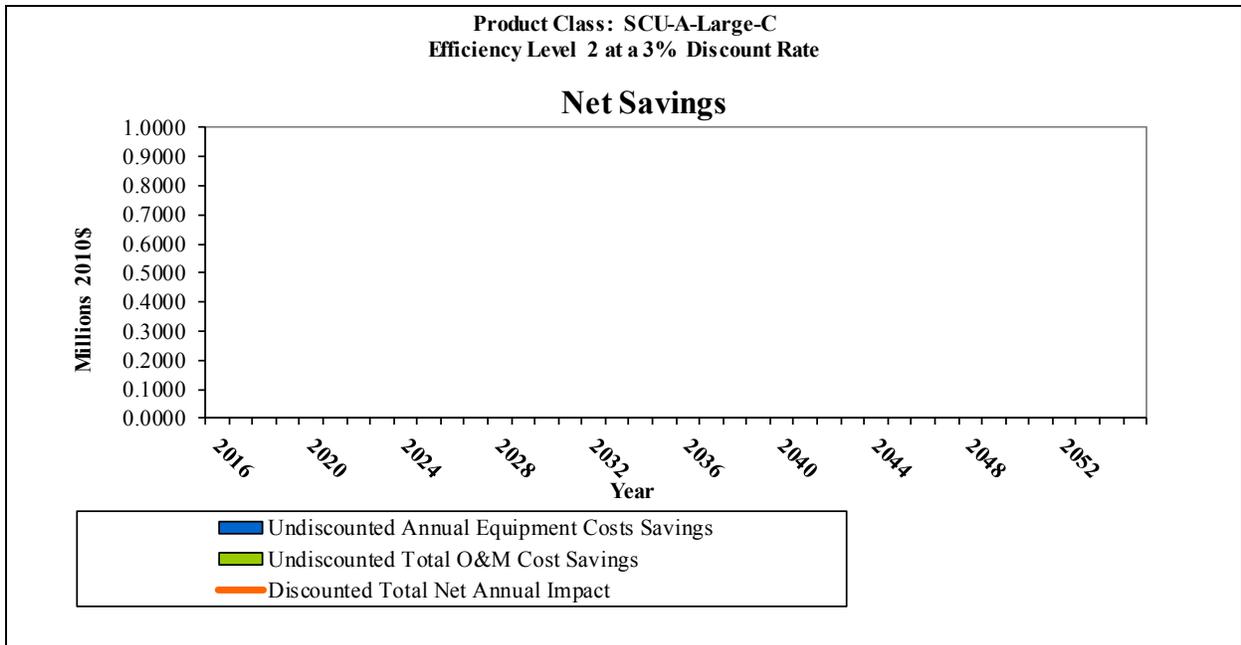


Figure 10B.22.9 National Annual Costs and Savings for SCU-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

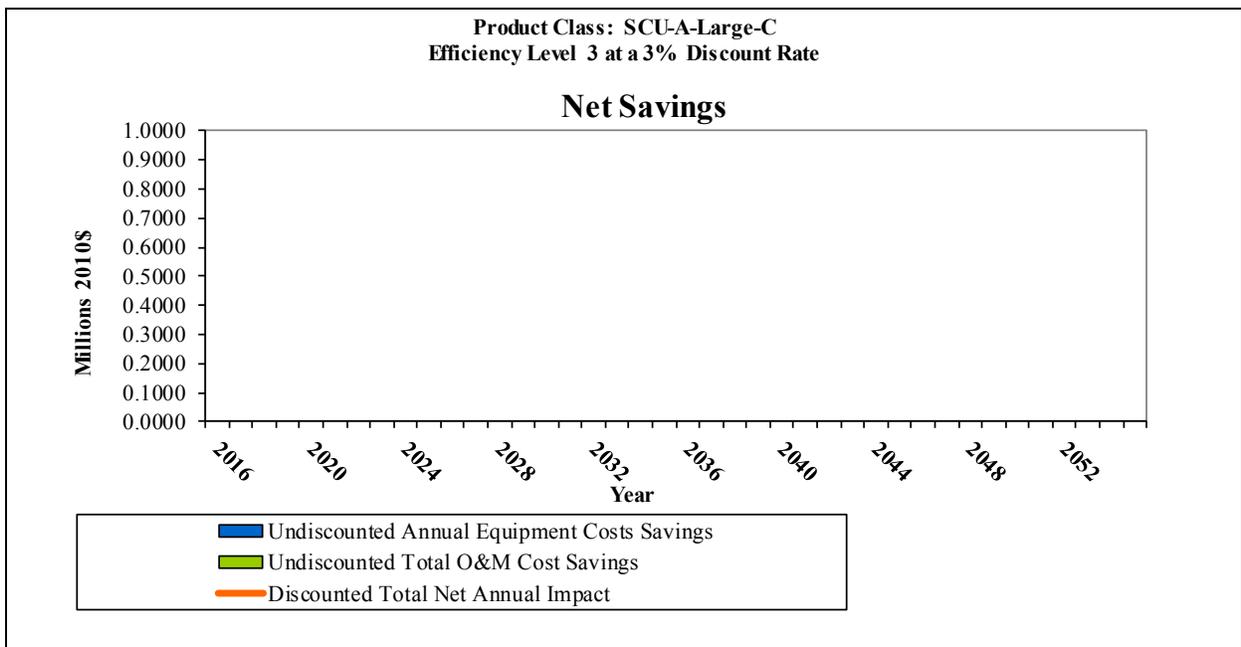


Figure 10B.22.10 National Annual Costs and Savings for SCU-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

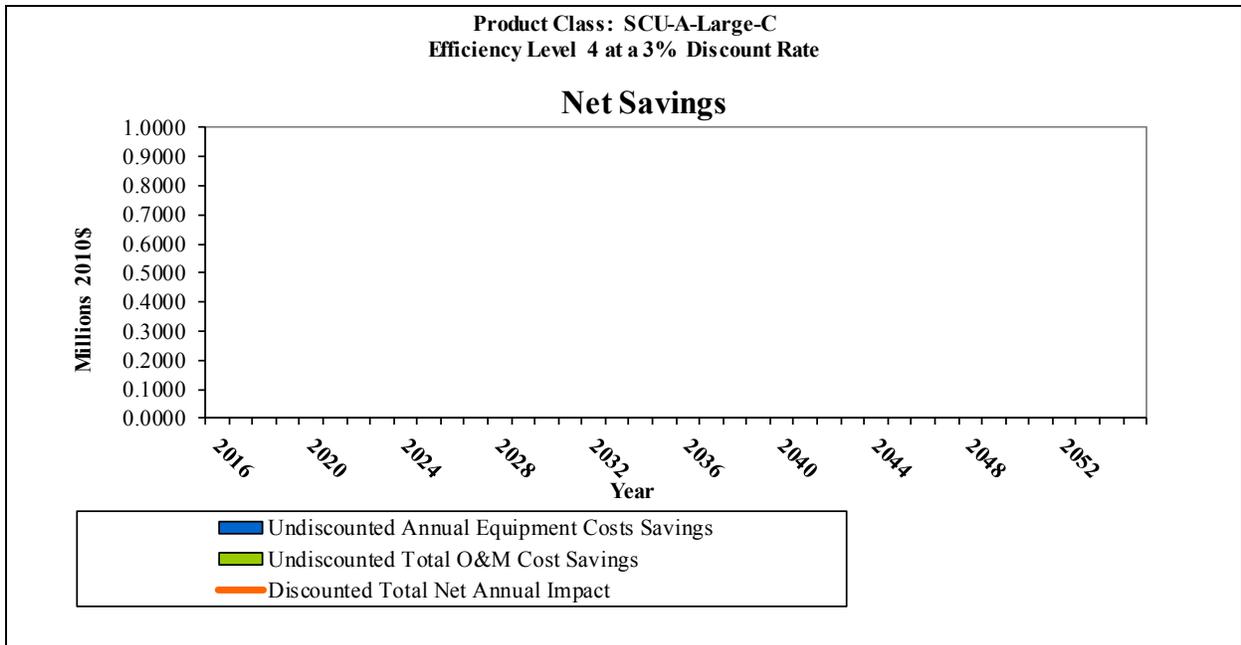


Figure 10B.22.11 National Annual Costs and Savings for SCU-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

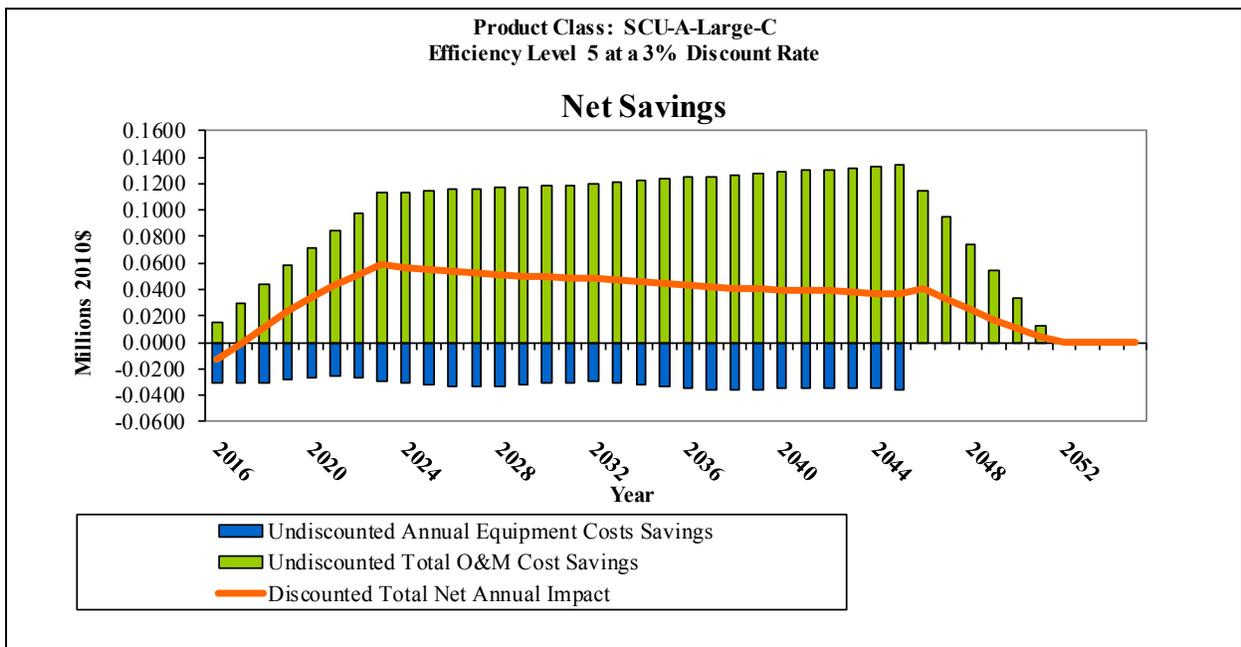


Figure 10B.22.12 National Annual Costs and Savings for SCU-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

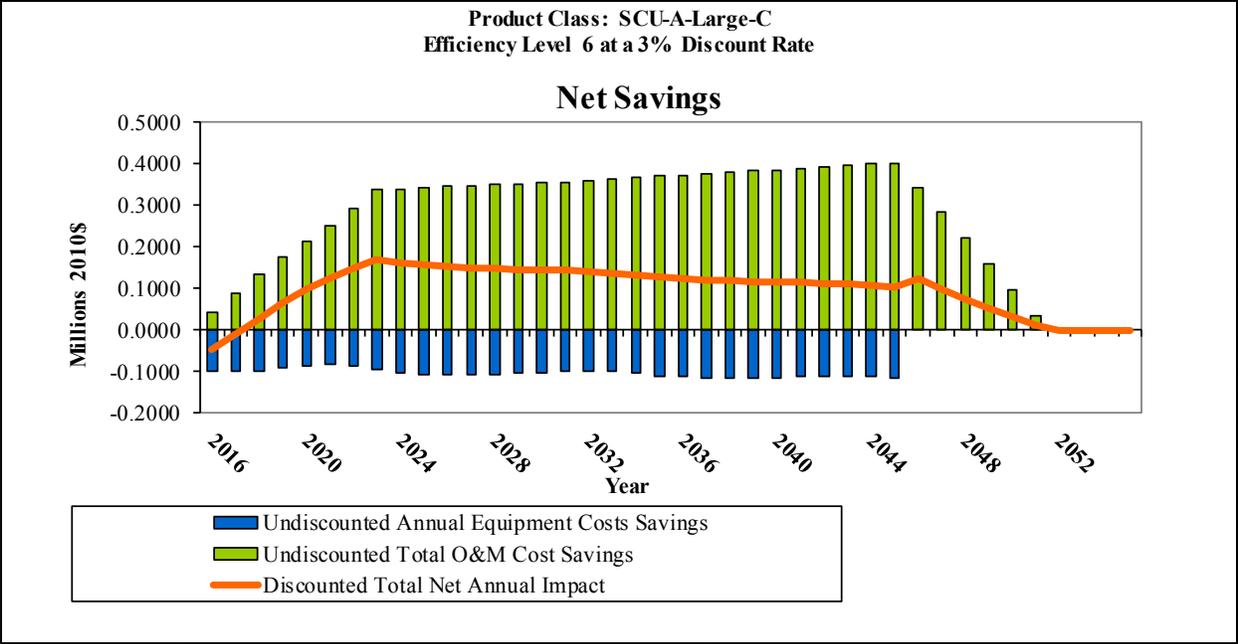


Figure 10B.22.13 National Annual Costs and Savings for SCU-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)

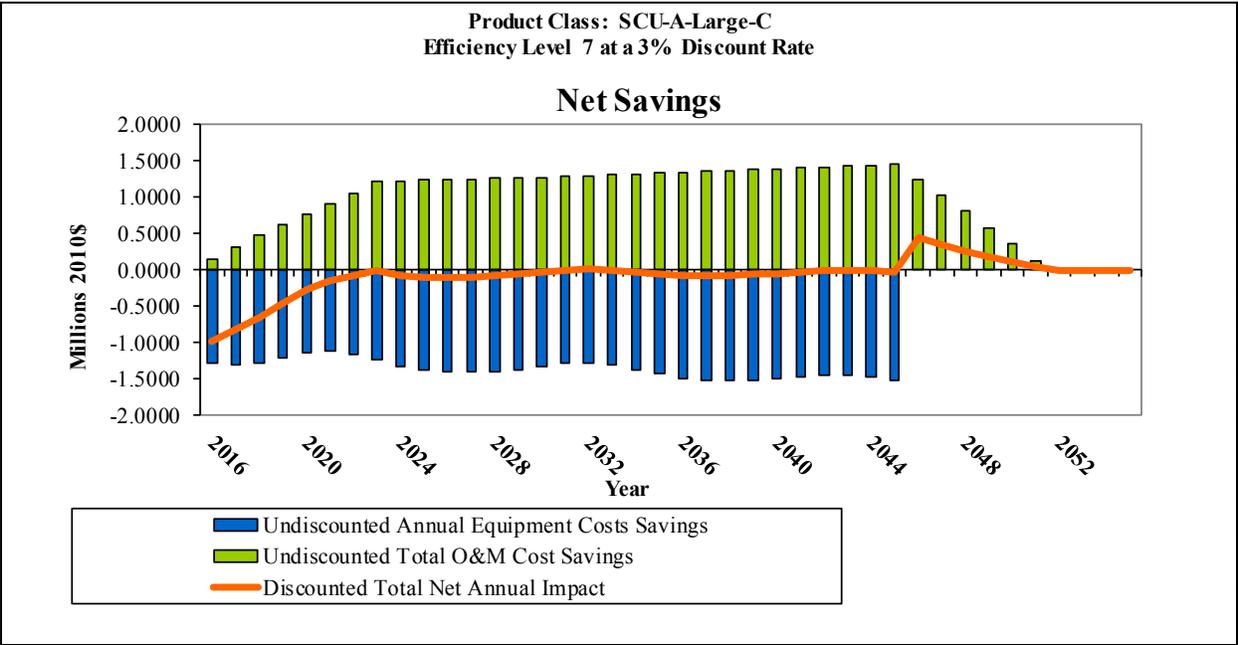


Figure 10B.22.14 National Annual Costs and Savings for SCU-A-Large-C Based on a 3-Percent Discount Rate (Million 2010\$)