

APPENDIX I. DETAILED NATIONAL ENERGY SAVINGS AND NATIONAL NET PRESENT VALUE OUTPUT

TABLE OF CONTENTS

I.1	INTRODUCTION.....	I-1
I.2	VERTICAL OPEN.REMOTE CONDENSING.MEDIUM (VOP.RC.M)	I-1
I.3	VERTICAL OPEN.REMOTE CONDENSING.LOW (VOP.RC.L).....	I-6
I.4	VERTICAL OPEN.SELF CONTAINED.MEDIUM (VOP.SC.M)	I-11
I.5	VERTICAL CLOSED TRANSPARENT.REMOTE CONDENSING.MEDIUM (VCT.RC.M)	I-16
I.6	VERTICAL CLOSED TRANSPARENT.REMOTE CONDENSING.LOW (VCT.RC.L).....	I-21
I.7	VERTICAL CLOSED TRANSPARENT.SELF CONTAINED.ICE CREAM (VCT.SC.I)	I-26
I.8	VERTICAL CLOSED SOLID.SELF CONTAINED.ICE CREAM (VCS.SC.I).....	I-31
I.9	SEMI-VERTICAL OPEN.REMOTE CONDENSING.MEDIUM (SVO.RC.M)	I-36
I.10	SEMI-VERTICAL OPEN.SELF CONTAINED.MEDIUM (SVO.SC.M)	I-41
I.11	SERVICE OVER COUNTER.REMOTE CONDENSING.MEDIUM (SOC.RC.M)	I-46
I.12	HORIZONTAL OPEN.REMOTE CONDENSING.MEDIUM (HZO.RC.M).....	I-51
I.13	HORIZONTAL OPEN.REMOTE CONDENSING.LOW (HZO.RC.L).....	I-56
I.14	HORIZONTAL OPEN.SELF-CONTAINED.MEDIUM (HZO.SC.M).....	I-61
I.15	HORIZONTAL OPEN.SELF-CONTAINED.LOW (HZO.SC.L)	I-66
I.16	HORIZONTAL CLOSED TRANSPARENT.SELF-CONTAINED.ICE CREAM (HCT.SC.I)	I-71

LIST OF FIGURES

Figure I.2.1	Cumulative NPV Results for VOP.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-1
Figure I.2.2	National Annual Costs and Savings for VOP.RC.M, TSL 2	I-2
Figure I.2.3	National Annual Costs and Savings for VOP.RC.M, TSL 3	I-2
Figure I.2.4	National Annual Costs and Savings for VOP.RC.M, TSL 4	I-3
Figure I.2.5	National Annual Costs and Savings for VOP.RC.M, TSL 5	I-3
Figure I.2.6	Cumulative NPV Results for VOP.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$).....	I-4
Figure I.2.7	National Annual Costs and Savings for VOP.RC.M, TSL 2	I-4
Figure I.2.8	National Annual Costs and Savings for VOP.RC.M, TSL 3	I-5
Figure I.2.9	National Annual Costs and Savings for VOP.RC.M, TSL 4	I-5
Figure I.2.10	National Annual Costs and Savings for VOP.RC.M, TSL 5	I-6
Figure I.3.1	Cumulative NPV Results for VOP.RC.L Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-6
Figure I.3.2	National Annual Costs and Savings for VOP.RC.L, TSL 2	I-7
Figure I.3.3	National Annual Costs and Savings for VOP.RC.L, TSL 3	I-7
Figure I.3.4	National Annual Costs and Savings for VOP.RC.L, TSL 4	I-8
Figure I.3.5	National Annual Costs and Savings for VOP.RC.L, TSL 5	I-8

Figure I.3.6	Cumulative NPV Results for VOP.RC.L Based on a Three-Percent Discount Rate (Billion 2007\$)	I-9
Figure I.3.7	National Annual Costs and Savings for VOP.RC.L, TSL 2	I-9
Figure I.3.8	National Annual Costs and Savings for VOP.RC.L, TSL 3	I-10
Figure I.3.9	National Annual Costs and Savings for VOP.RC.L, TSL 4	I-10
Figure I.3.10	National Annual Costs and Savings for VOP.RC.L, TSL 5	I-11
Figure I.4.1	Cumulative NPV Results for VOP.SC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)	I-11
Figure I.4.2	National Annual Costs and Savings for VOP.SC.M, TSL 2	I-12
Figure I.4.3	National Annual Costs and Savings for VOP.SC.M, TSL 3	I-12
Figure I.4.4	National Annual Costs and Savings for VOP.SC.M, TSL 4	I-13
Figure I.4.5	National Annual Costs and Savings for VOP.SC.M, TSL 5	I-13
Figure I.4.6	Cumulative NPV Results for VOP.SC.M Based on a Three-Percent Discount Rate (Billion 2007\$)	I-14
Figure I.4.7	National Annual Costs and Savings for VOP.SC.M, TSL 2	I-14
Figure I.4.8	National Annual Costs and Savings for VOP.SC.M, TSL 3	I-15
Figure I.4.9	National Annual Costs and Savings for VOP.SC.M, TSL 4	I-15
Figure I.4.10	National Annual Costs and Savings for VOP.SC.M, TSL 5	I-16
Figure I.5.1	Cumulative NPV Results for VCT.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)	I-16
Figure I.5.2	National Annual Costs and Savings for VCT.RC.M, TSL 2	I-17
Figure I.5.3	National Annual Costs and Savings for VCT.RC.M, TSL 3	I-17
Figure I.5.4	National Annual Costs and Savings for VCT.RC.M, TSL 4	I-18
Figure I.5.5	National Annual Costs and Savings for VCT.RC.M, TSL 5	I-18
Figure I.5.6	Cumulative NPV Results for VCT.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)	I-19
Figure I.5.7	National Annual Costs and Savings for VCT.RC.M, TSL 2	I-19
Figure I.5.8	National Annual Costs and Savings for VCT.RC.M, TSL 3	I-20
Figure I.5.9	National Annual Costs and Savings for VCT.RC.M, TSL 4	I-20
Figure I.5.10	National Annual Costs and Savings for VCT.RC.M, TSL 5	I-21
Figure I.6.1	Cumulative NPV Results for VCT.RC.L Based on a Seven-Percent Discount Rate (Billion 2007\$)	I-21
Figure I.6.2	National Annual Costs and Savings for VCT.RC.L, TSL 2	I-22
Figure I.6.3	National Annual Costs and Savings for VCT.RC.L, TSL 3	I-22
Figure I.6.4	National Annual Costs and Savings for VCT.RC.L, TSL 4	I-23
Figure I.6.5	National Annual Costs and Savings for VCT.RC.L, TSL 5	I-23
Figure I.6.6	Cumulative NPV Results for VCT.RC.L Based on a Three-Percent Discount Rate (Billion 2007\$)	I-24
Figure I.6.7	National Annual Costs and Savings for VCT.RC.L, TSL 2	I-24
Figure I.6.8	National Annual Costs and Savings for VCT.RC.L, TSL 3	I-25
Figure I.6.9	National Annual Costs and Savings for VCT.RC.L, TSL 4	I-25
Figure I.6.10	National Annual Costs and Savings for VCT.RC.L, TSL 5	I-26
Figure I.7.1	Cumulative NPV Results for VCT.SC.I Based on a Seven-Percent Discount Rate (Billion 2007\$)	I-26
Figure I.7.2	National Annual Costs and Savings for VCT.SC.I, TSL 2	I-27
Figure I.7.3	National Annual Costs and Savings for VCT.SC.I, TSL 3	I-27

Figure I.7.4	National Annual Costs and Savings for VCT.SC.I, TSL 4.....	I-28
Figure I.7.5	National Annual Costs and Savings for VCT.SC.I, TSL 5.....	I-28
Figure I.7.6	Cumulative NPV Results for VCT.SC.I Based on a Three-Percent Discount Rate (Billion 2007\$).....	I-29
Figure I.7.7	National Annual Costs and Savings for VCT.SC.I, TSL 2.....	I-29
Figure I.7.8	National Annual Costs and Savings for VCT.SC.I, TSL 3.....	I-30
Figure I.7.9	National Annual Costs and Savings for VCT.SC.I, TSL 4.....	I-30
Figure I.7.10	National Annual Costs and Savings for VCT.SC.I, TSL 5.....	I-31
Figure I.8.1	Cumulative NPV Results for VCS.SC.I Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-31
Figure I.8.2	National Annual Costs and Savings for VCS.SC.I, TSL 2.....	I-32
Figure I.8.3	National Annual Costs and Savings for VCS.SC.I, TSL 3.....	I-32
Figure I.8.4	National Annual Costs and Savings for VCS.SC.I, TSL 4.....	I-33
Figure I.8.5	National Annual Costs and Savings for VCS.SC.I, TSL 5.....	I-33
Figure I.8.6	Cumulative NPV Results for VCS.SC.I Based on a Three-Percent Discount Rate (Billion 2007\$).....	I-34
Figure I.8.7	National Annual Costs and Savings for VCS.SC.I, TSL 2.....	I-34
Figure I.8.8	National Annual Costs and Savings for VCS.SC.I, TSL 3.....	I-35
Figure I.8.9	National Annual Costs and Savings for VCS.SC.I, TSL 4.....	I-35
Figure I.8.10	National Annual Costs and Savings for VCS.SC.I, TSL 5.....	I-36
Figure I.9.1	Cumulative NPV Results for SVO.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-36
Figure I.9.2	National Annual Costs and Savings for SVO.RC.M, TSL 2.....	I-37
Figure I.9.3	National Annual Costs and Savings for SVO.RC.M, TSL 3.....	I-37
Figure I.9.4	National Annual Costs and Savings for SVO.RC.M, TSL 4.....	I-38
Figure I.9.5	National Annual Costs and Savings for SVO.RC.M, TSL 5.....	I-38
Figure I.9.6	Cumulative NPV Results for SVO.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$).....	I-39
Figure I.9.7	National Annual Costs and Savings for SVO.RC.M, TSL 2.....	I-39
Figure I.9.8	National Annual Costs and Savings for SVO.RC.M, TSL 3.....	I-40
Figure I.9.9	National Annual Costs and Savings for SVO.RC.M, TSL 4.....	I-40
Figure I.9.10	National Annual Costs and Savings for SVO.RC.M, TSL 5.....	I-41
Figure I.10.1	Cumulative NPV Results for SVO.SC.M Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-41
Figure I.10.2	National Annual Costs and Savings for SVO.SC.M, TSL 2.....	I-42
Figure I.10.3	National Annual Costs and Savings for SVO.SC.M, TSL 3.....	I-42
Figure I.10.4	National Annual Costs and Savings for SVO.SC.M, TSL 4.....	I-43
Figure I.10.5	National Annual Costs and Savings for SVO.SC.M, TSL 5.....	I-43
Figure I.10.6	Cumulative NPV Results for SVO.SC.M Based on a Three-Percent Discount Rate (Billion 2007\$).....	I-44
Figure I.10.7	National Annual Costs and Savings for SVO.SC.M, TSL 2.....	I-44
Figure I.10.8	National Annual Costs and Savings for SVO.SC.M, TSL 3.....	I-45
Figure I.10.9	National Annual Costs and Savings for SVO.SC.M, TSL 4.....	I-45
Figure I.10.10	National Annual Costs and Savings for SVO.SC.M, TSL 5.....	I-46
Figure I.11.1	Cumulative NPV Results for SOC.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-46

Figure I.11.2	National Annual Costs and Savings for SOC.RC.M, TSL 2	I-47
Figure I.11.3	National Annual Costs and Savings for SOC.RC.M, TSL 3	I-47
Figure I.11.4	National Annual Costs and Savings for SOC.RC.M, TSL 4	I-48
Figure I.11.5	National Annual Costs and Savings for SOC.RC.M, TSL 5	I-48
Figure I.11.6	Cumulative NPV Results for SOC.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)	I-49
Figure I.11.7	National Annual Costs and Savings for SOC.RC.M, TSL 2	I-49
Figure I.11.8	National Annual Costs and Savings for SOC.RC.M, TSL 3	I-50
Figure I.11.9	National Annual Costs and Savings for SOC.RC.M, TSL 4	I-50
Figure I.11.10	National Annual Costs and Savings for SOC.RC.M, TSL 5	I-51
Figure I.12.1	Cumulative NPV Results for HZO.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)	I-51
Figure I.12.2	National Annual Costs and Savings for HZO.RC.M, TSL 2	I-52
Figure I.12.3	National Annual Costs and Savings for HZO.RC.M, TSL 3	I-52
Figure I.12.4	National Annual Costs and Savings for HZO.RC.M, TSL 4	I-53
Figure I.12.5	National Annual Costs and Savings for HZO.RC.M, TSL 5	I-53
Figure I.12.6	Cumulative NPV Results for HZO.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)	I-54
Figure I.12.7	National Annual Costs and Savings for HZO.RC.M, TSL 2	I-54
Figure I.12.8	National Annual Costs and Savings for HZO.RC.M, TSL 3	I-55
Figure I.12.9	National Annual Costs and Savings for HZO.RC.M, TSL 4	I-55
Figure I.12.10	National Annual Costs and Savings for HZO.RC.M, TSL 5	I-56
Figure I.13.1	Cumulative NPV Results for HZO.RC.L Based on a Seven-Percent Discount Rate (Billion 2007\$)	I-56
Figure I.13.2	National Annual Costs and Savings for HZO.RC.L, TSL 2	I-57
Figure I.13.3	National Annual Costs and Savings for HZO.RC.L, TSL 3	I-57
Figure I.13.4	National Annual Costs and Savings for HZO.RC.L, TSL 4	I-58
Figure I.13.5	National Annual Costs and Savings for HZO.RC.L, TSL 5	I-58
Figure I.13.6	Cumulative NPV Results for HZO.RC.L Based on a Three-Percent Discount Rate (Billion 2007\$)	I-59
Figure I.13.7	National Annual Costs and Savings for HZO.RC.L, TSL 2	I-59
Figure I.13.8	National Annual Costs and Savings for HZO.RC.L, TSL 3	I-60
Figure I.13.9	National Annual Costs and Savings for HZO.RC.L, TSL 4	I-60
Figure I.13.10	National Annual Costs and Savings for HZO.RC.L, TSL 5	I-61
Figure I.14.1	Cumulative NPV Results for HZO.SC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)	I-61
Figure I.14.2	National Annual Costs and Savings for HZO.SC.M, TSL 2	I-62
Figure I.14.3	National Annual Costs and Savings for HZO.SC.M, TSL 3	I-62
Figure I.14.4	National Annual Costs and Savings for HZO.SC.M, TSL 4	I-63
Figure I.14.5	National Annual Costs and Savings for HZO.SC.M, TSL 5	I-63
Figure I.14.6	Cumulative NPV Results for HZO.SC.M Based on a Three-Percent Discount Rate (Billion 2007\$)	I-64
Figure I.14.7	National Annual Costs and Savings for HZO.SC.M, TSL 2	I-64
Figure I.14.8	National Annual Costs and Savings for HZO.SC.M, TSL 3	I-65
Figure I.14.9	National Annual Costs and Savings for HZO.SC.M, TSL 4	I-65
Figure I.14.10	National Annual Costs and Savings for HZO.SC.M, TSL 5	I-66

Figure I.15.1	Cumulative NPV Results for HZO.SC.L Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-66
Figure I.15.2	National Annual Costs and Savings for HZO.SC.L, TSL 2	I-67
Figure I.15.3	National Annual Costs and Savings for HZO.SC.L, TSL 3	I-67
Figure I.15.4	National Annual Costs and Savings for HZO.SC.L, TSL 4	I-68
Figure I.15.5	National Annual Costs and Savings for HZO.SC.L, TSL 5	I-68
Figure I.15.6	Cumulative NPV Results for HZO.SC.L Based on a Three-Percent Discount Rate (Billion 2007\$).....	I-69
Figure I.15.7	National Annual Costs and Savings for HZO.SC.L, TSL 2	I-69
Figure I.15.8	National Annual Costs and Savings for HZO.SC.L, TSL 3	I-70
Figure I.15.9	National Annual Costs and Savings for HZO.SC.L, TSL 4	I-70
Figure I.15.10	National Annual Costs and Savings for HZO.SC.L, TSL 5	I-71
Figure I.16.1	Cumulative NPV Results for HCT.SC.I Based on a Seven-Percent Discount Rate (Billion 2007\$).....	I-71
Figure I.16.2	National Annual Costs and Savings for HCT.SC.I, TSL 2.....	I-72
Figure I.16.3	National Annual Costs and Savings for HCT.SC.I, TSL 3.....	I-72
Figure I.16.4	National Annual Costs and Savings for HCT.SC.I, TSL 4.....	I-73
Figure I.16.5	National Annual Costs and Savings for HCT.SC.I, TSL 5.....	I-73
Figure I.16.6	Cumulative NPV Results for HCT.SC.I Based on a Three-Percent Discount Rate (Billion 2007\$).....	I-74
Figure I.16.7	National Annual Costs and Savings for HCT.SC.I, TSL 2.....	I-74
Figure I.16.8	National Annual Costs and Savings for HCT.SC.I, TSL 3.....	I-75
Figure I.16.9	National Annual Costs and Savings for HCT.SC.I, TSL 4.....	I-75
Figure I.16.10	National Annual Costs and Savings for HCT.SC.I, TSL 5.....	I-76

APPENDIX I. DETAILED NATIONAL ENERGY SAVINGS AND NATIONAL NET PRESENT VALUE OUTPUT

I.1 INTRODUCTION

Appendix I contains detailed output results from the National Energy Savings/National Economic Impact spreadsheet model. Results are presented for each equipment class in terms of cumulative energy savings (source) and cumulative net present value at each trial standard level and at a national level.

See Chapter 10 for an explanation of the figures in this appendix.

I.2 VERTICAL OPEN.REMOTE CONDENSING.MEDIUM (VOP.RC.M)

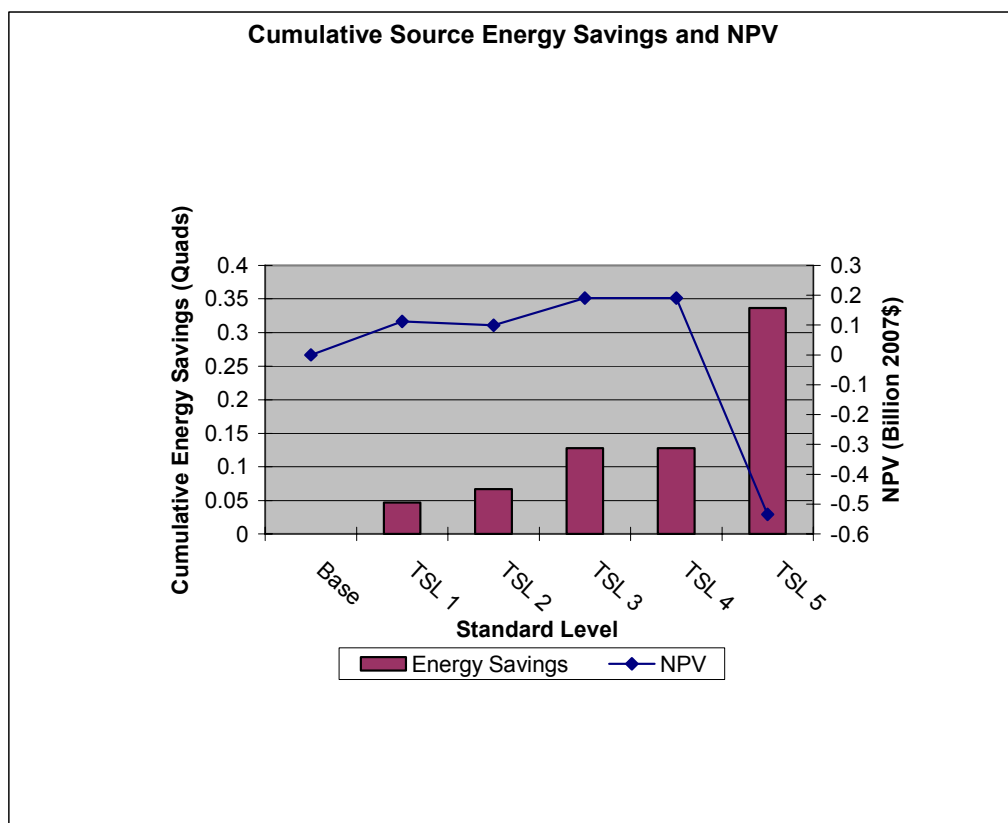


Figure I.2.1 Cumulative NPV Results for VOP.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

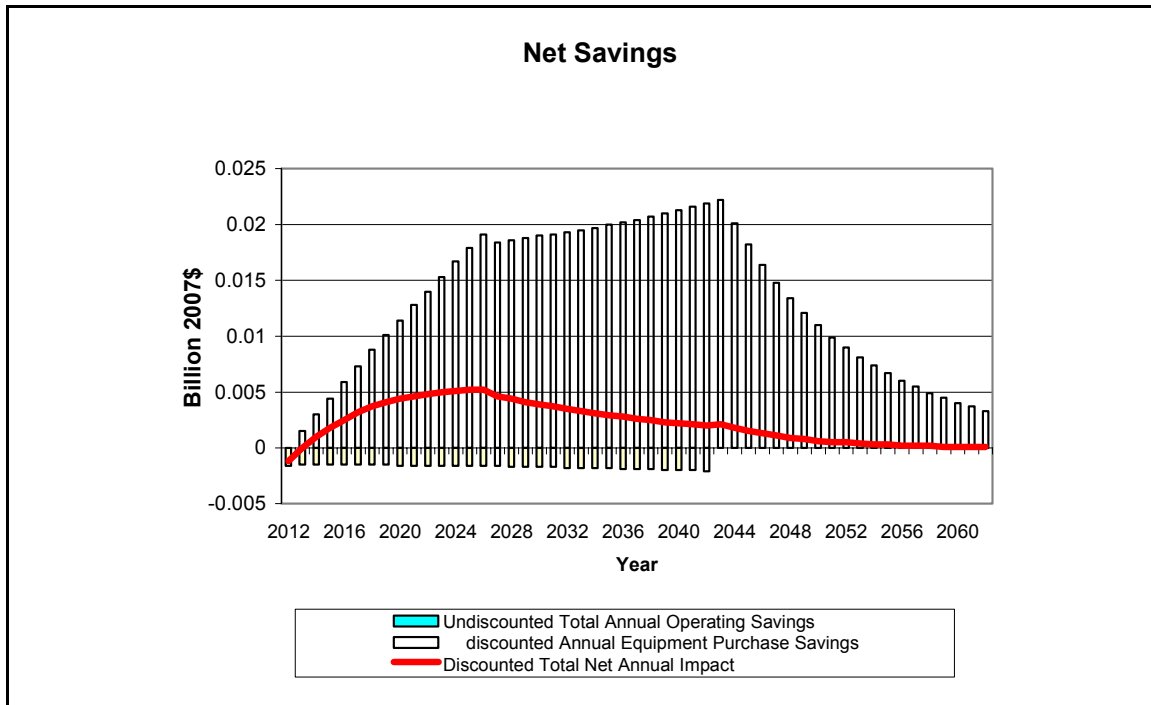


Figure I.2.2 National Annual Costs and Savings for VOP.RC.M, TSL 2

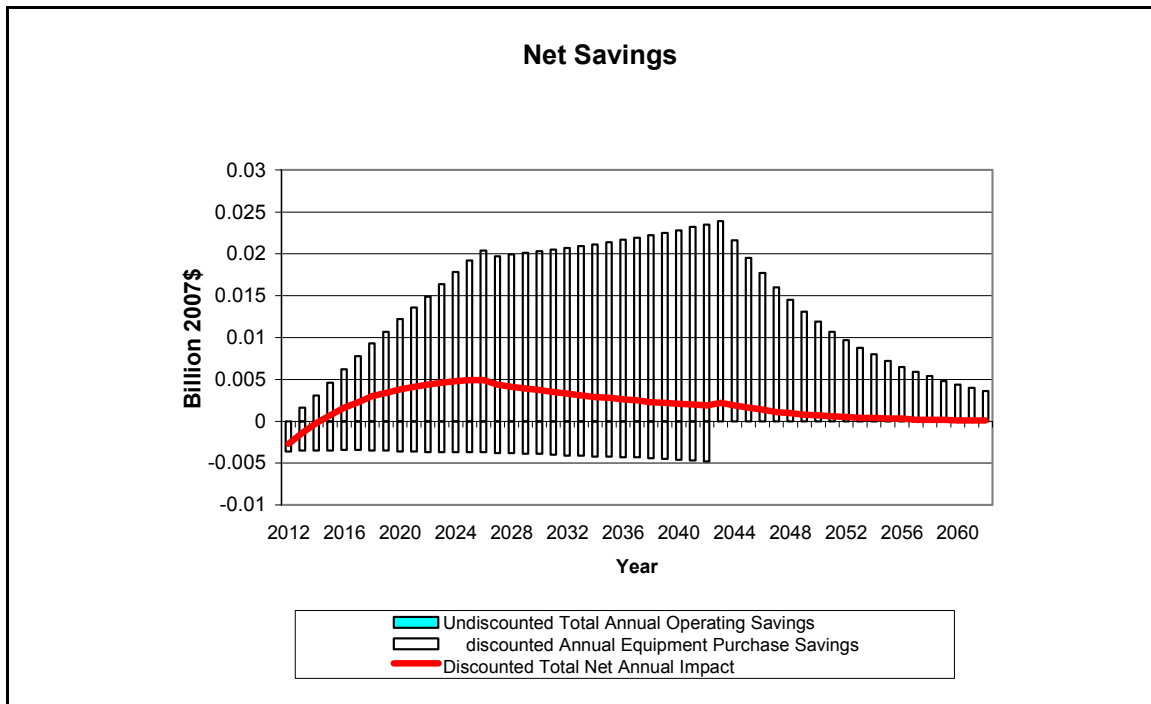


Figure I.2.3 National Annual Costs and Savings for VOP.RC.M, TSL 3

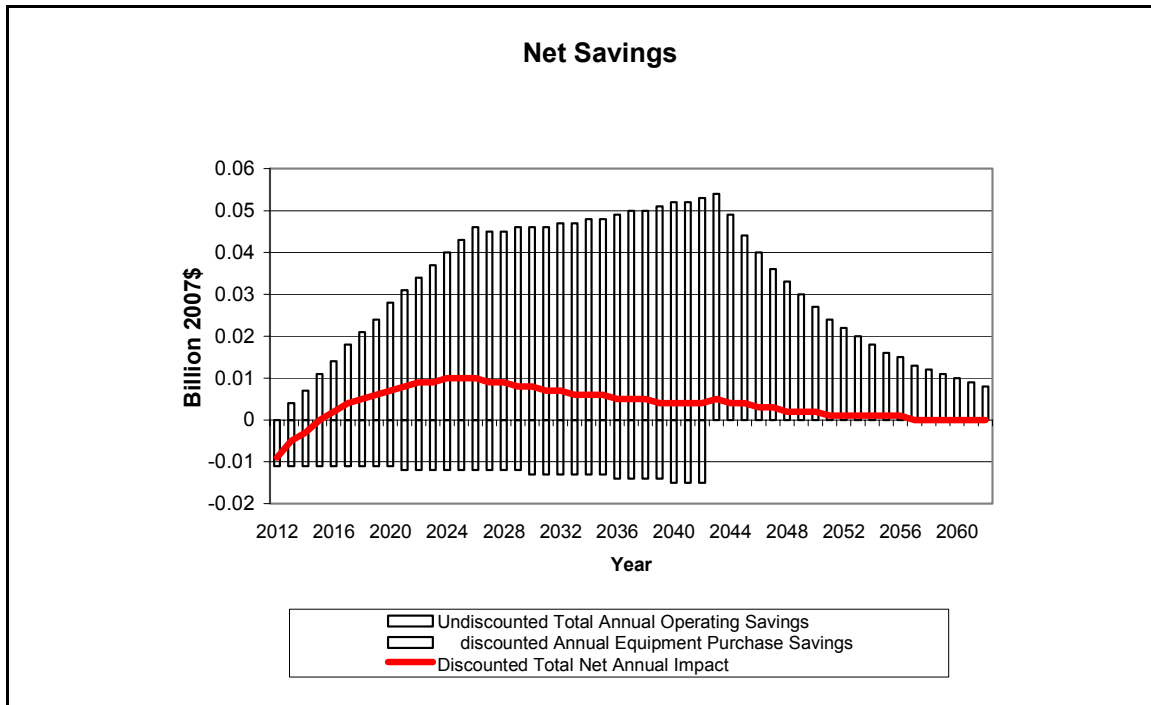


Figure I.2.4 National Annual Costs and Savings for VOP.RC.M, TSL 4

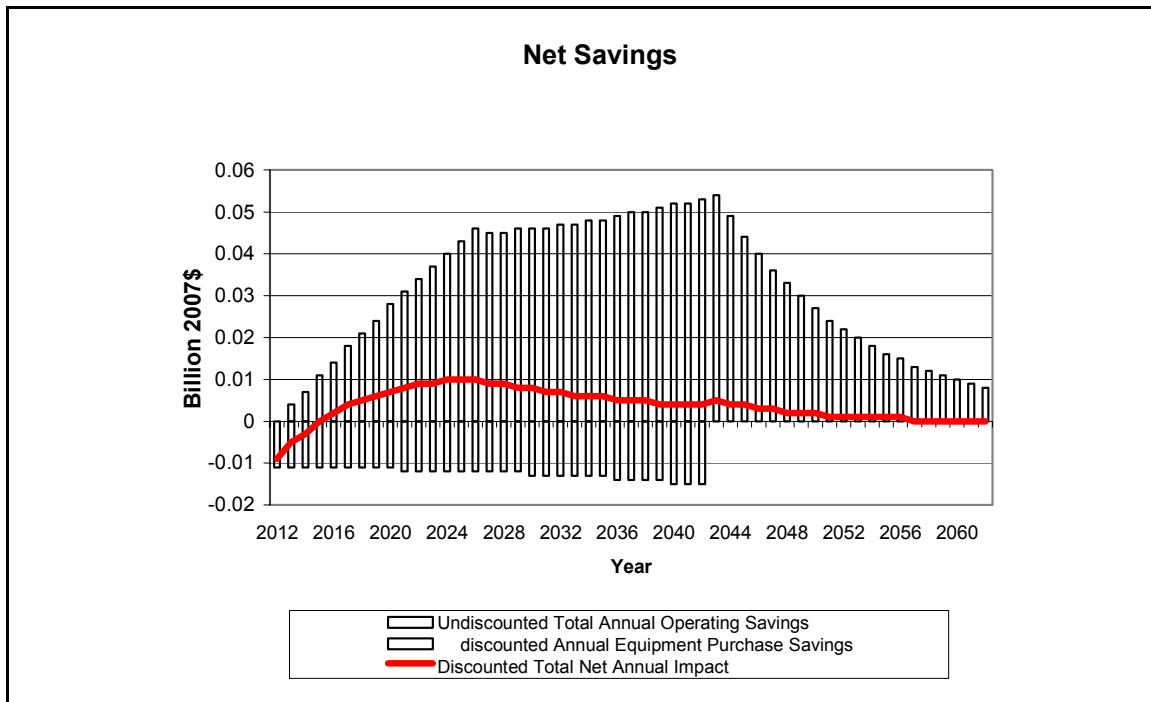


Figure I.2.5 National Annual Costs and Savings for VOP.RC.M, TSL 5

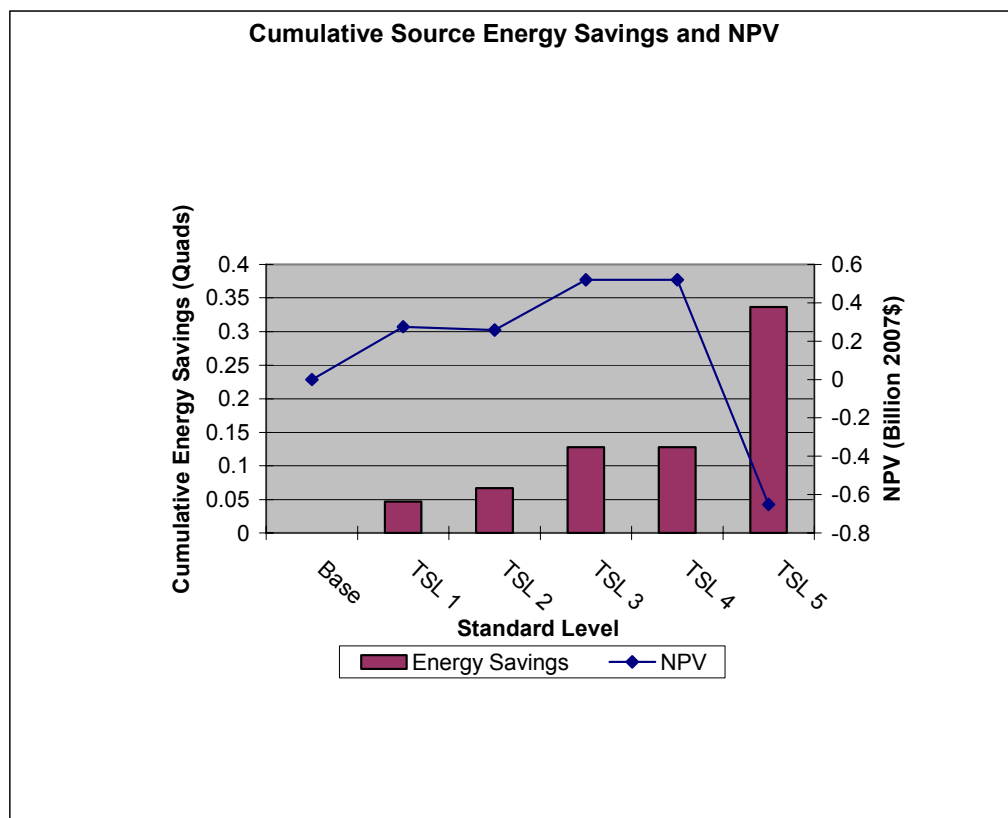


Figure I.2.6 Cumulative NPV Results for VOP.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

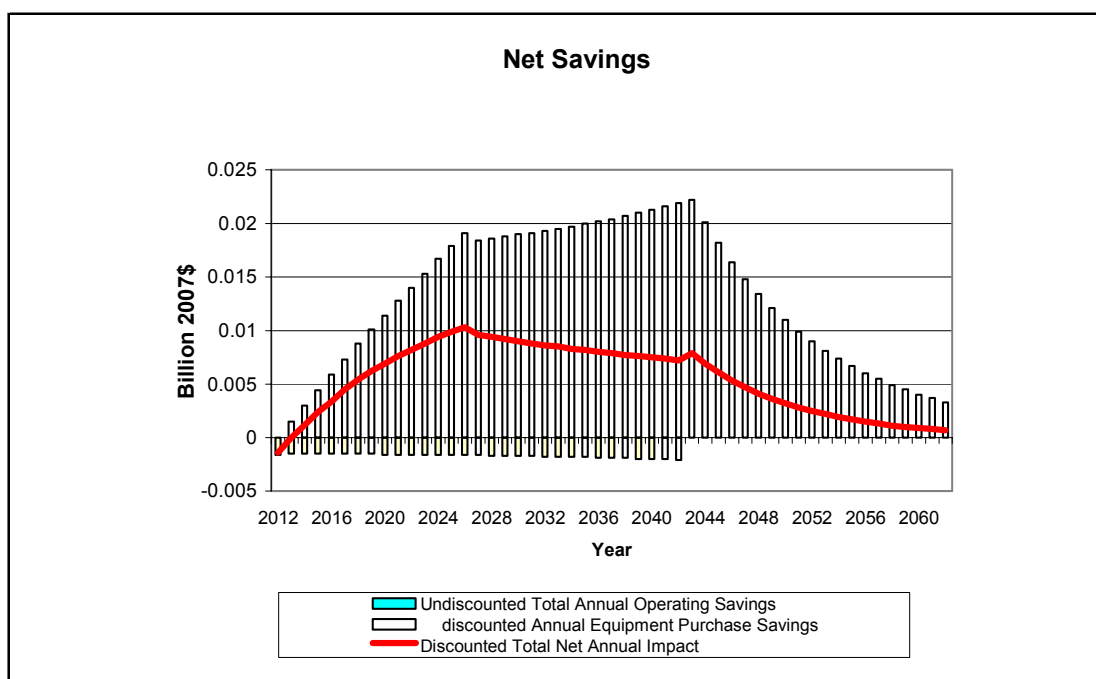


Figure I.2.7 National Annual Costs and Savings for VOP.RC.M, TSL 2

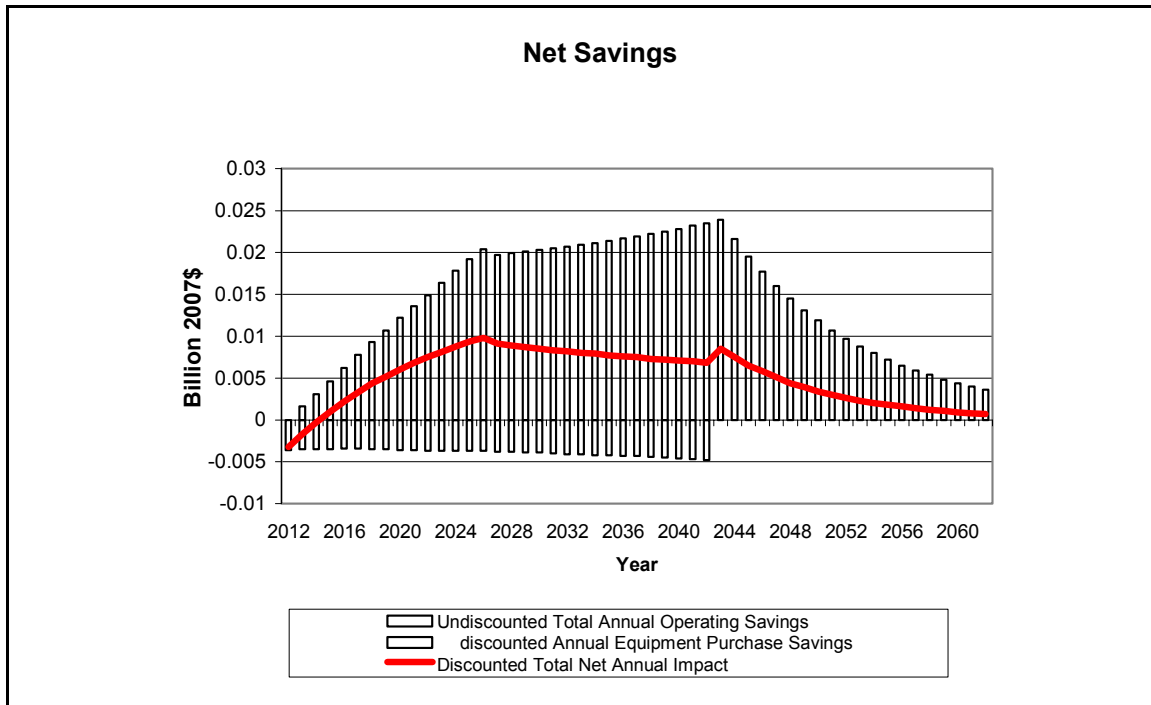


Figure I.2.8 National Annual Costs and Savings for VOP.RC.M, TSL 3

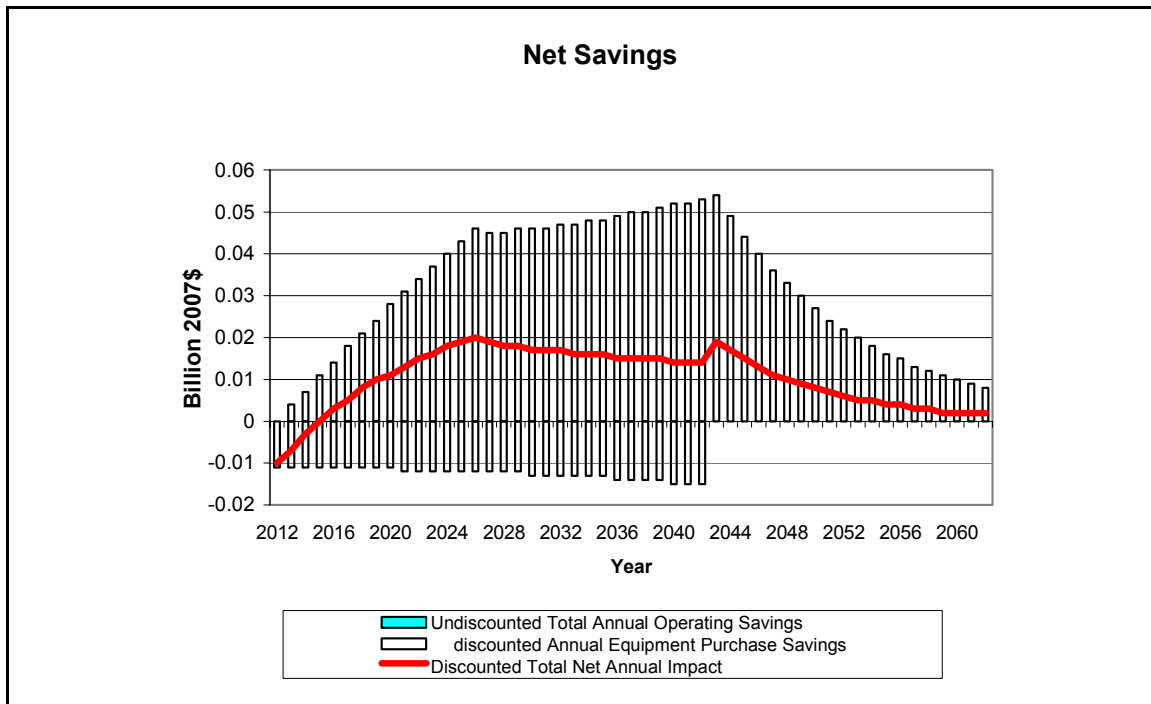


Figure I.2.9 National Annual Costs and Savings for VOP.RC.M, TSL 4

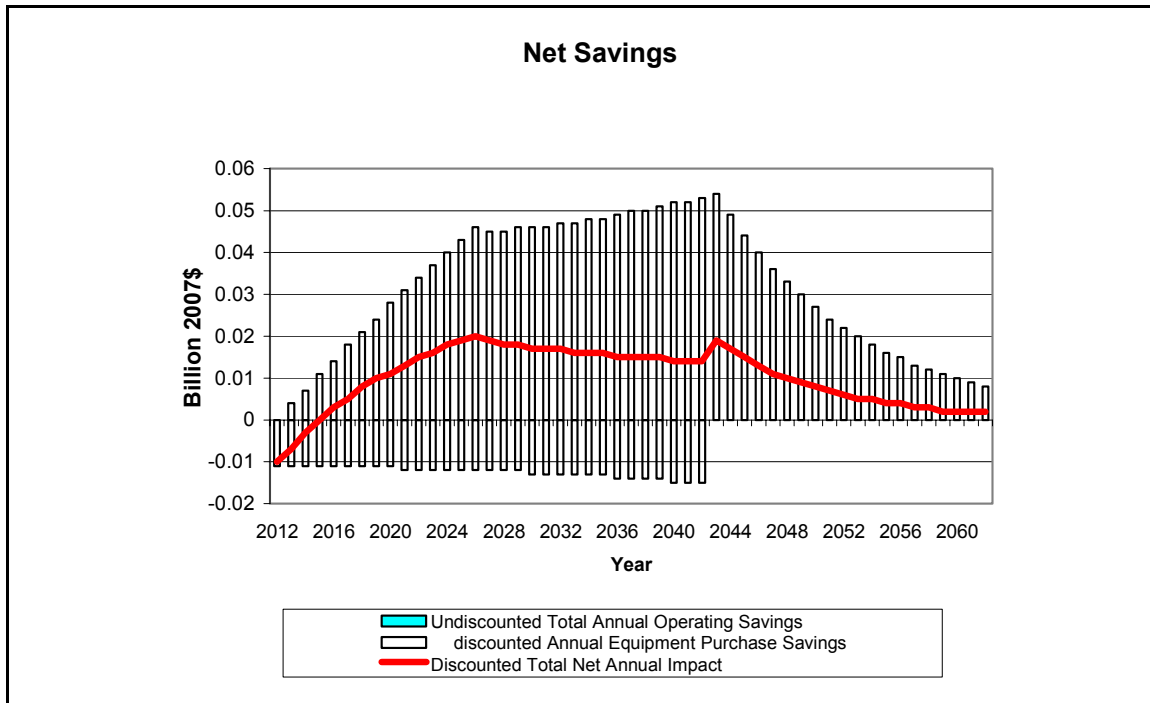


Figure I.2.10 National Annual Costs and Savings for VOP.RC.M, TSL 5

I.3 VERTICAL OPEN.REMOTE CONDENSING.LOW (VOP.RC.L)

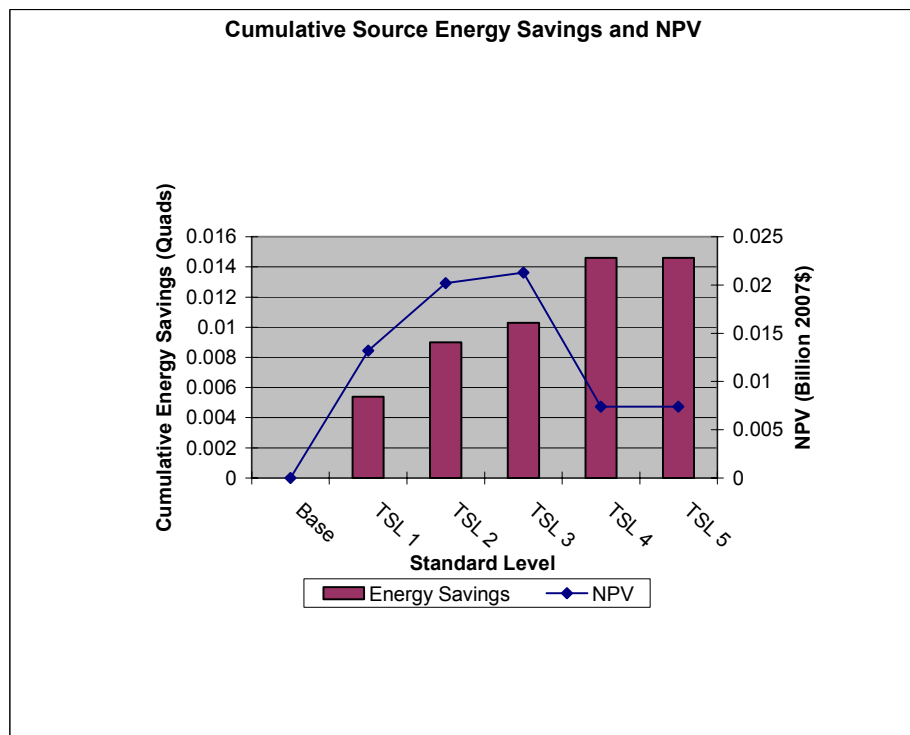


Figure I.3.1 Cumulative NPV Results for VOP.RC.L Based on a Seven-Percent Discount Rate (Billion 2007\$)

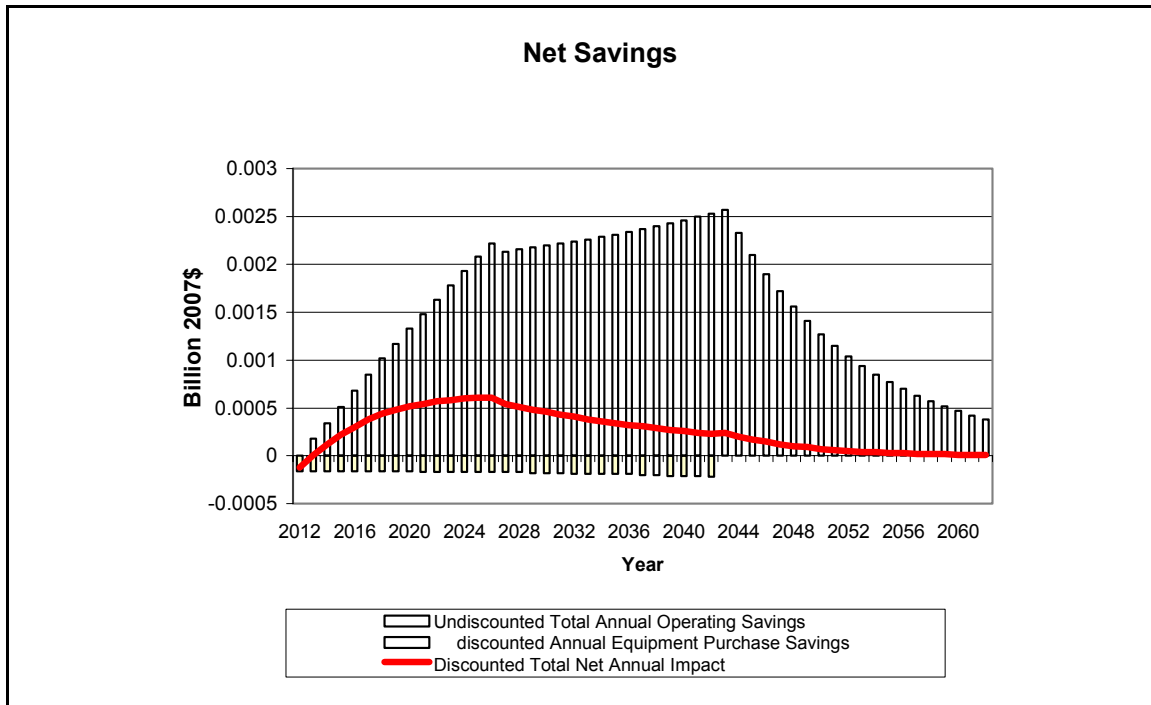


Figure I.3.2 National Annual Costs and Savings for VOP.RC.L, TSL 2

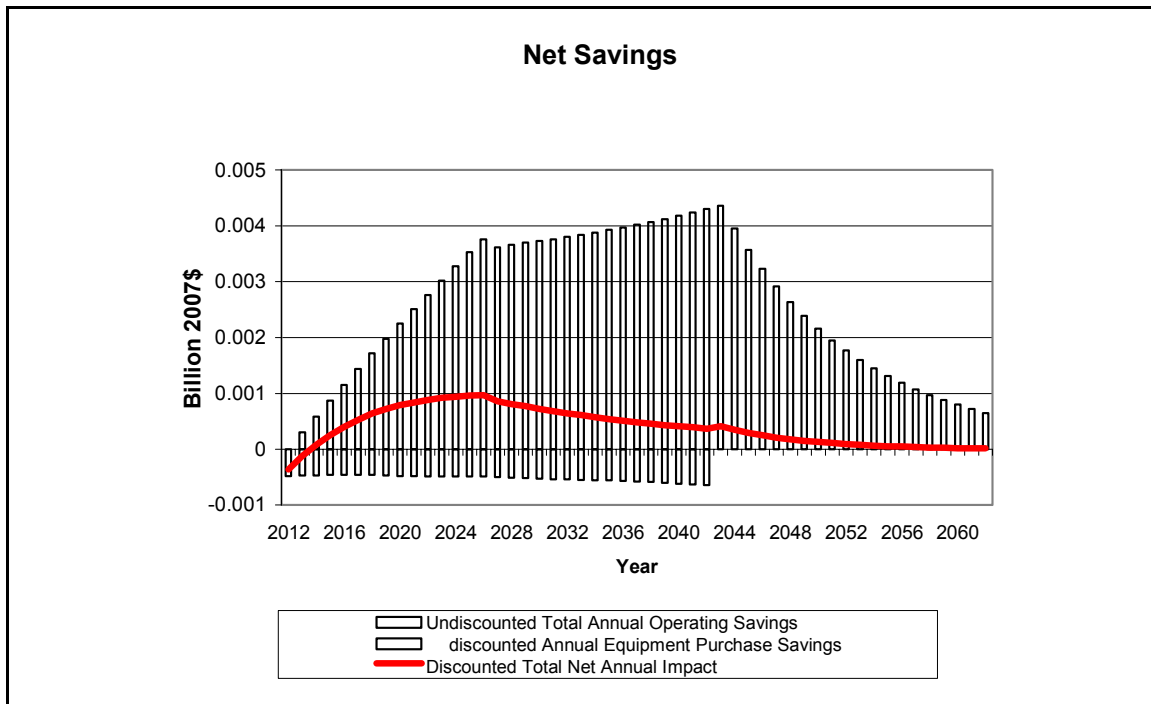


Figure I.3.3 National Annual Costs and Savings for VOP.RC.L, TSL 3

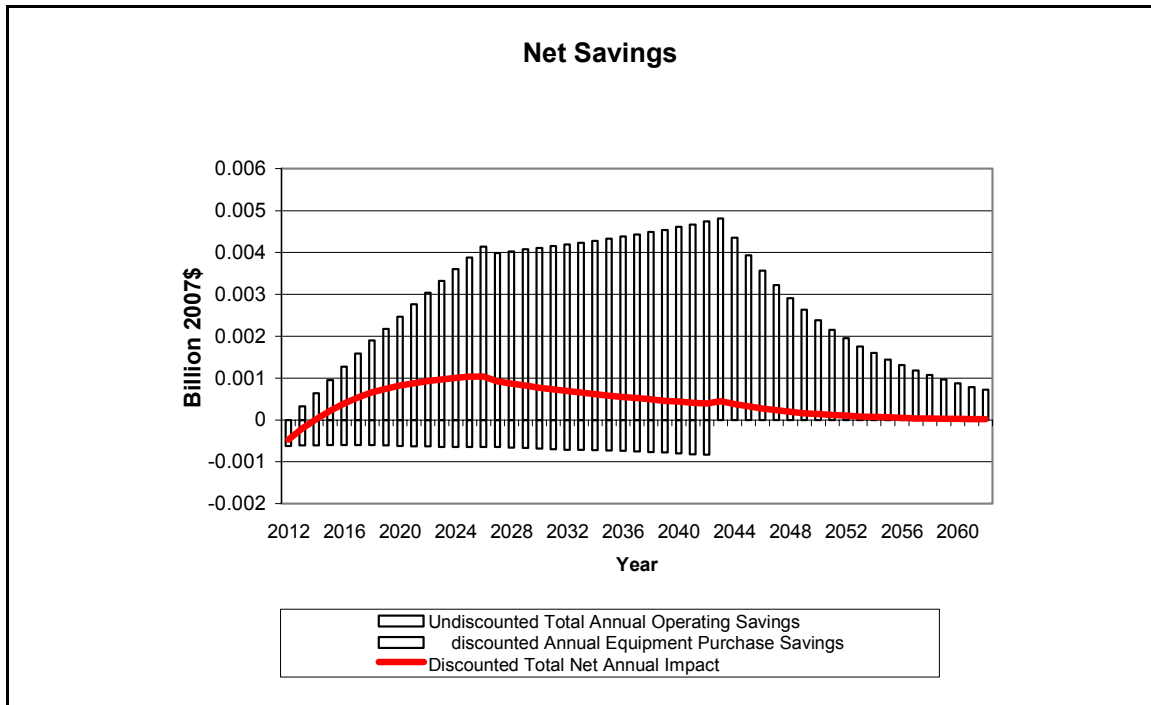


Figure I.3.4 National Annual Costs and Savings for VOP.RC.L, TSL 4

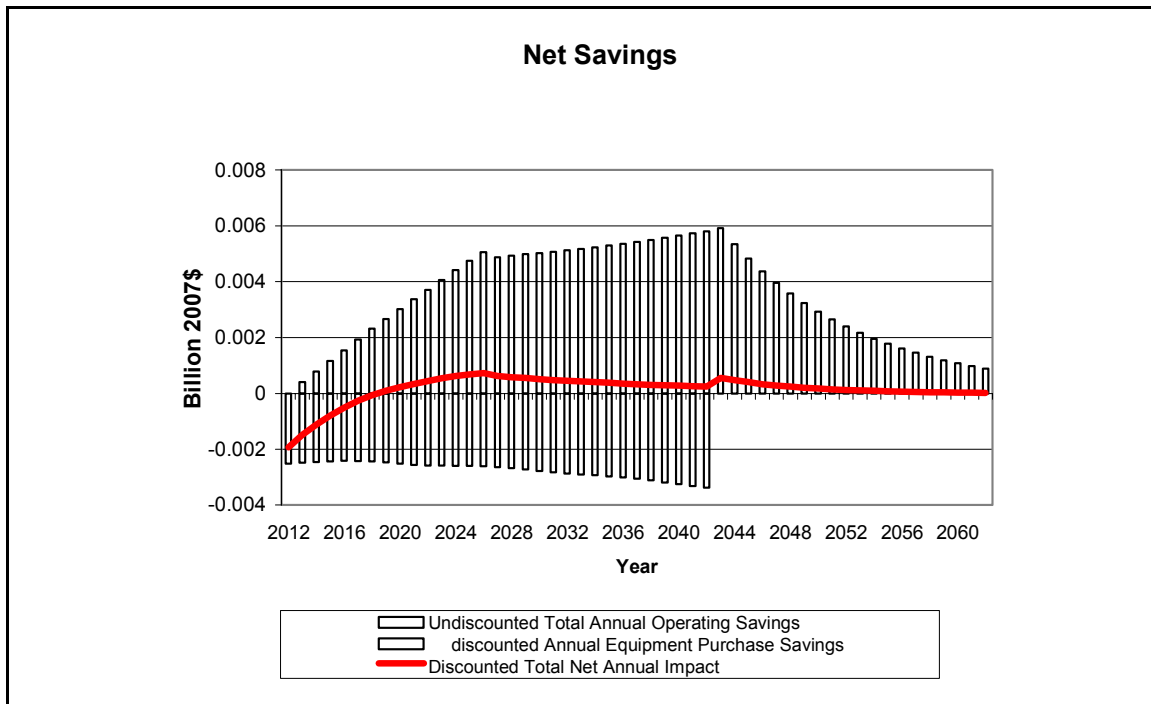


Figure I.3.5 National Annual Costs and Savings for VOP.RC.L, TSL 5

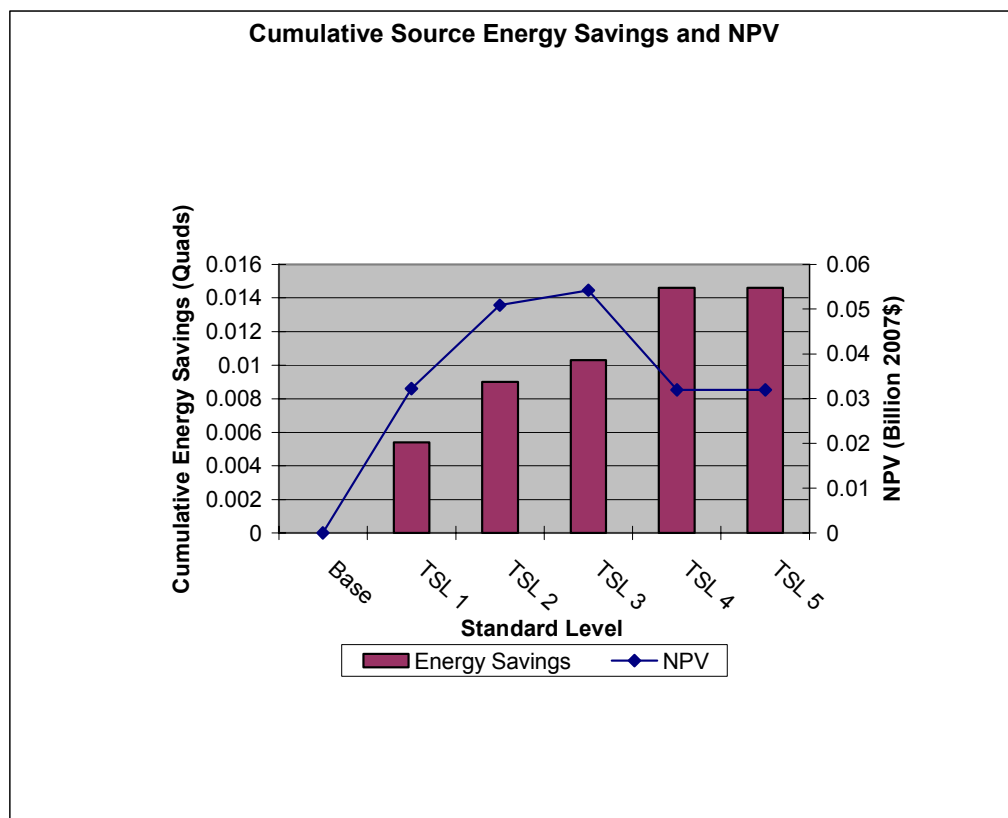


Figure I.3.6 Cumulative NPV Results for VOP.RC.L Based on a Three-Percent Discount Rate (Billion 2007\$)

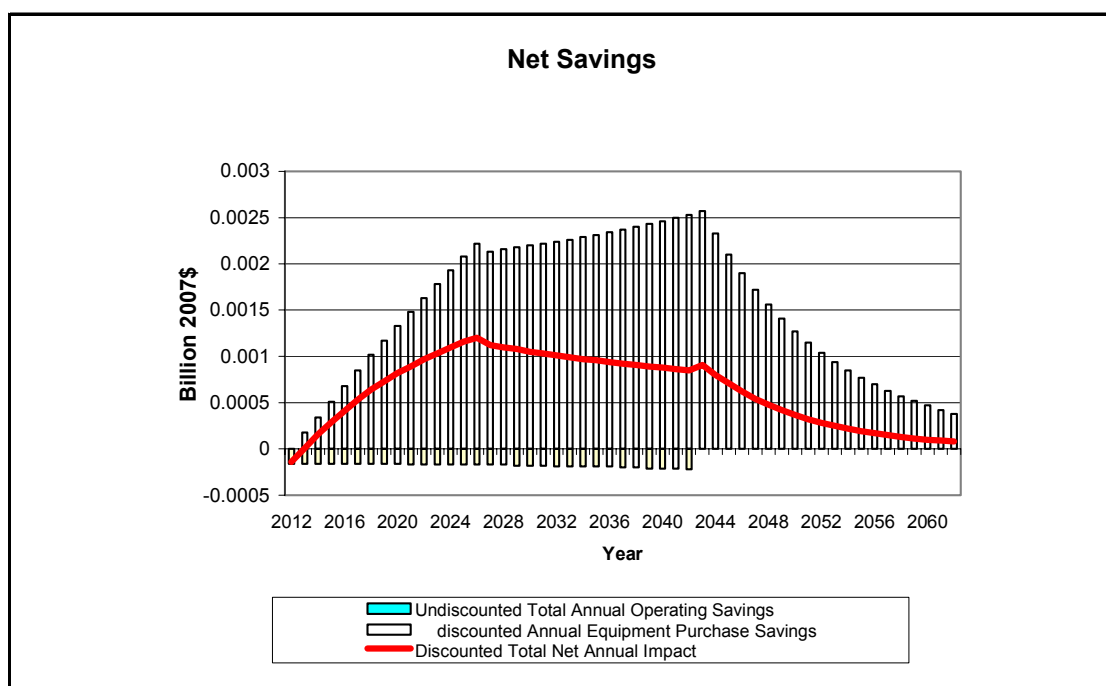


Figure I.3.7 National Annual Costs and Savings for VOP.RC.L, TSL 2

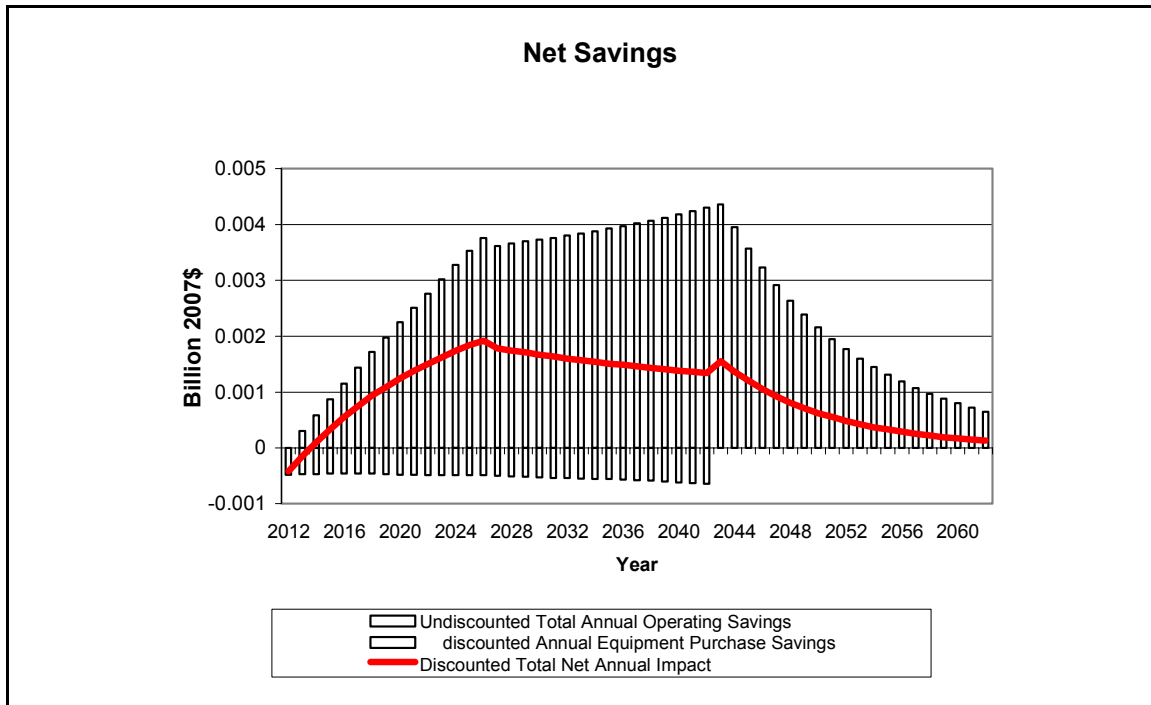


Figure I.3.8 National Annual Costs and Savings for VOP.RC.L, TSL 3

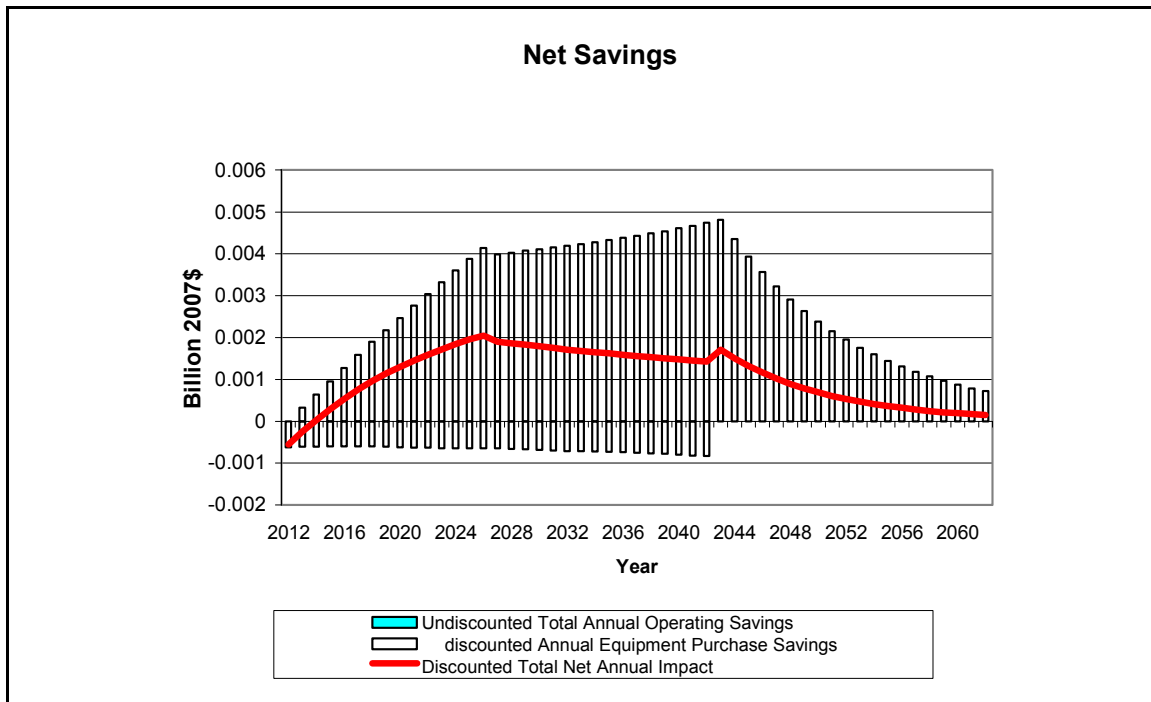


Figure I.3.9 National Annual Costs and Savings for VOP.RC.L, TSL 4

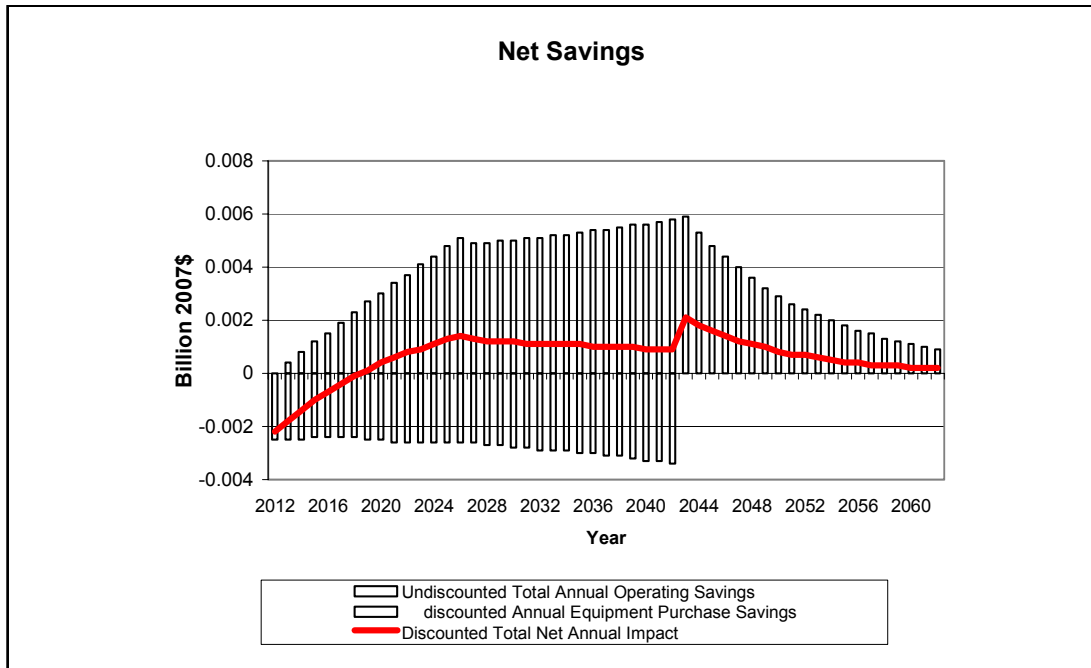


Figure I.3.10 National Annual Costs and Savings for VOP.RC.L, TSL 5

I.4 VERTICAL OPEN.SELF CONTAINED.MEDIUM (VOP.SC.M)

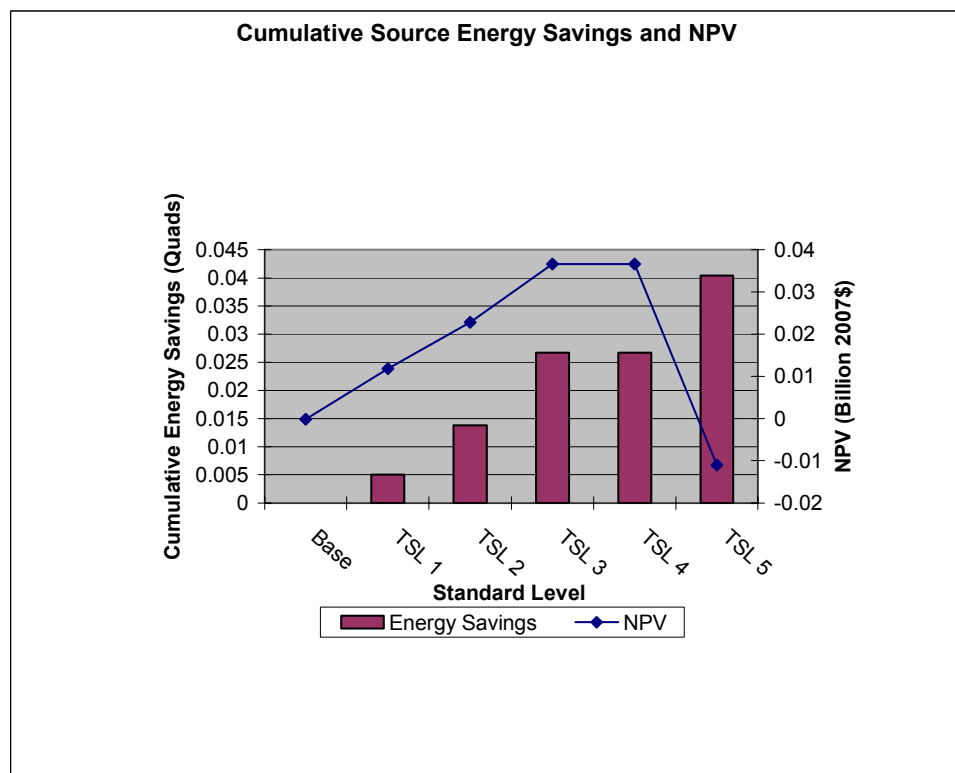


Figure I.4.1 Cumulative NPV Results for VOP.SC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

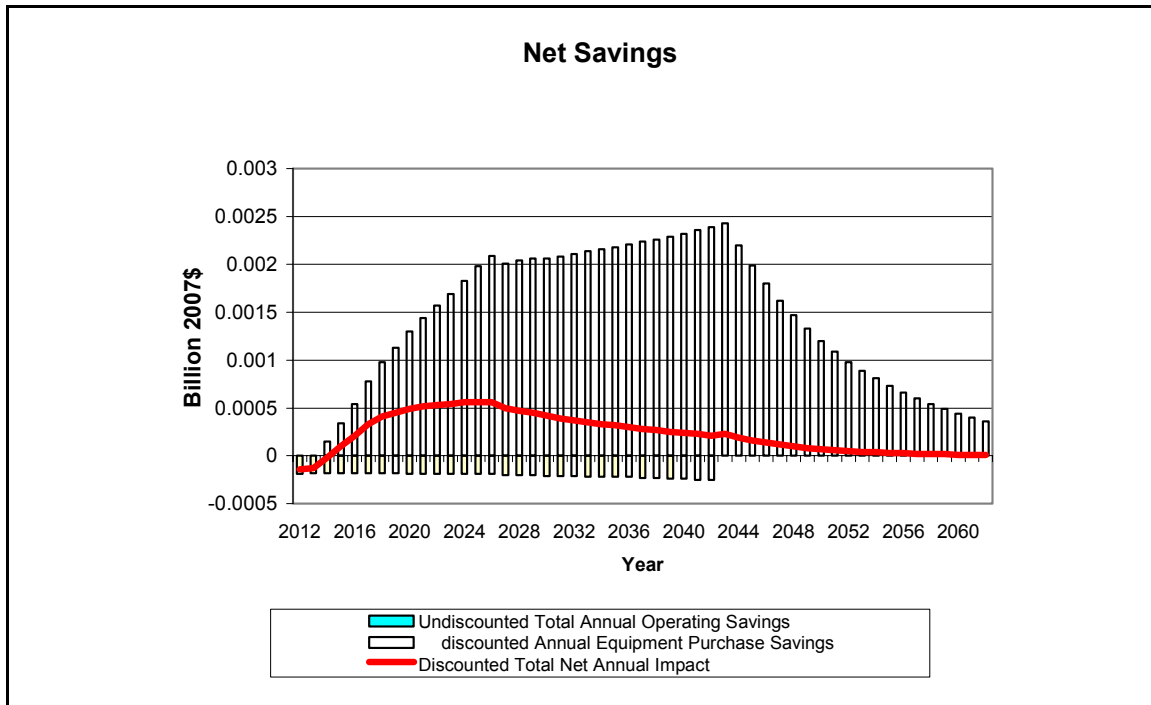


Figure I.4.2 National Annual Costs and Savings for VOP.SC.M, TSL 2

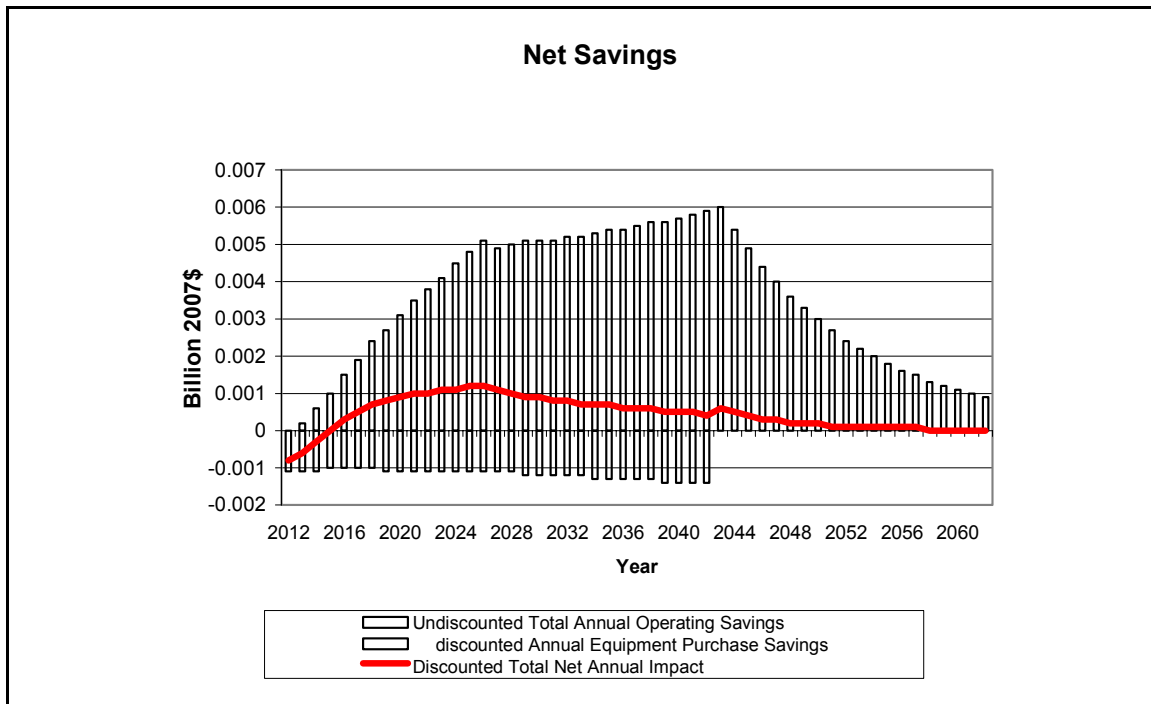


Figure I.4.3 National Annual Costs and Savings for VOP.SC.M, TSL 3

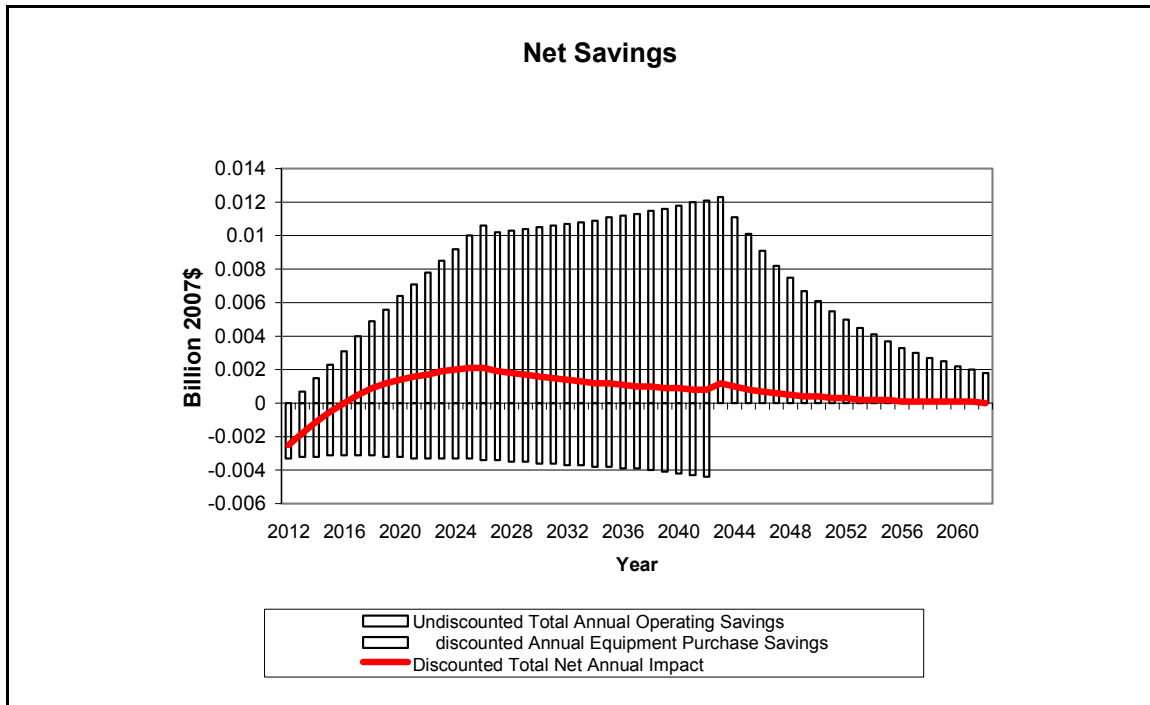


Figure I.4.4 National Annual Costs and Savings for VOP.SC.M, TSL 4

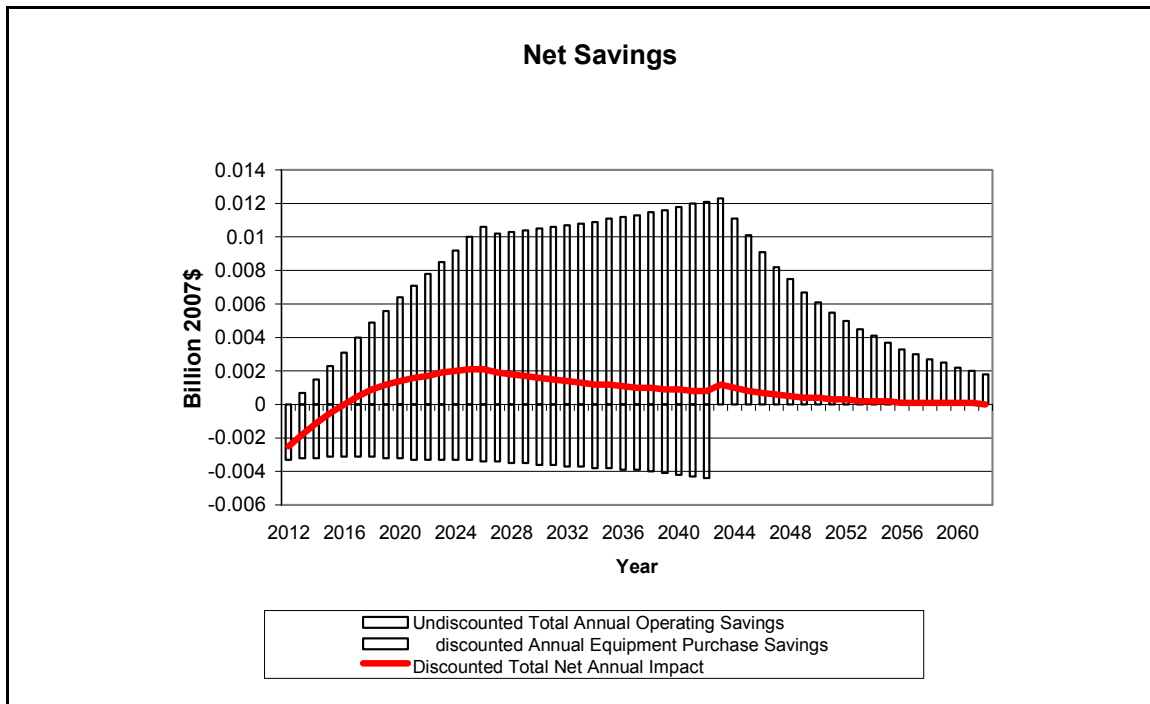


Figure I.4.5 National Annual Costs and Savings for VOP.SC.M, TSL 5

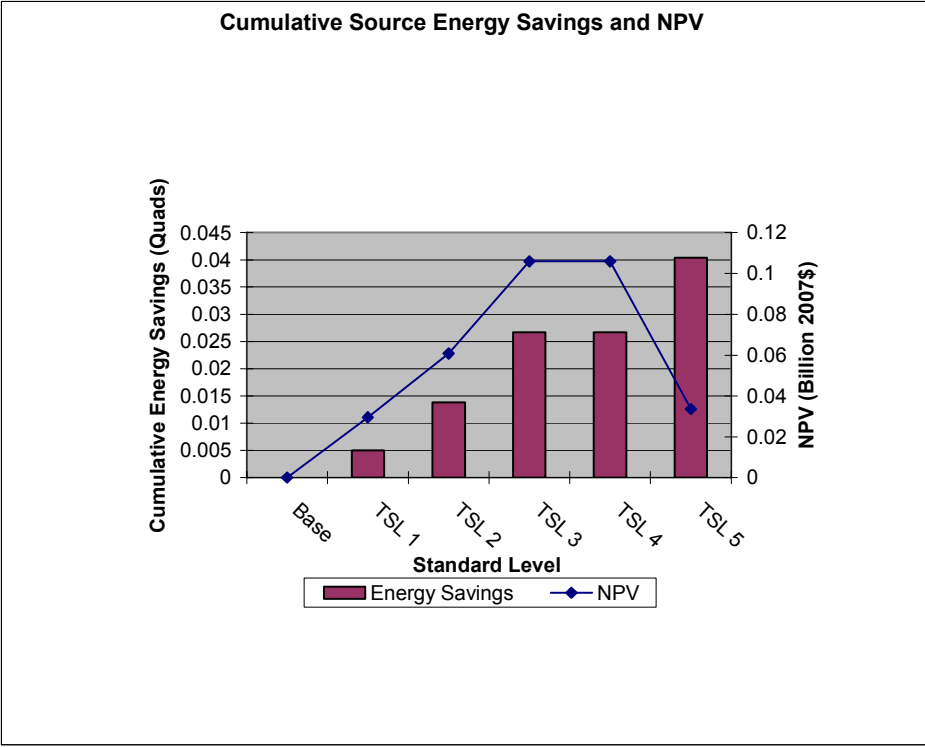


Figure I.4.6 Cumulative NPV Results for VOP.SC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

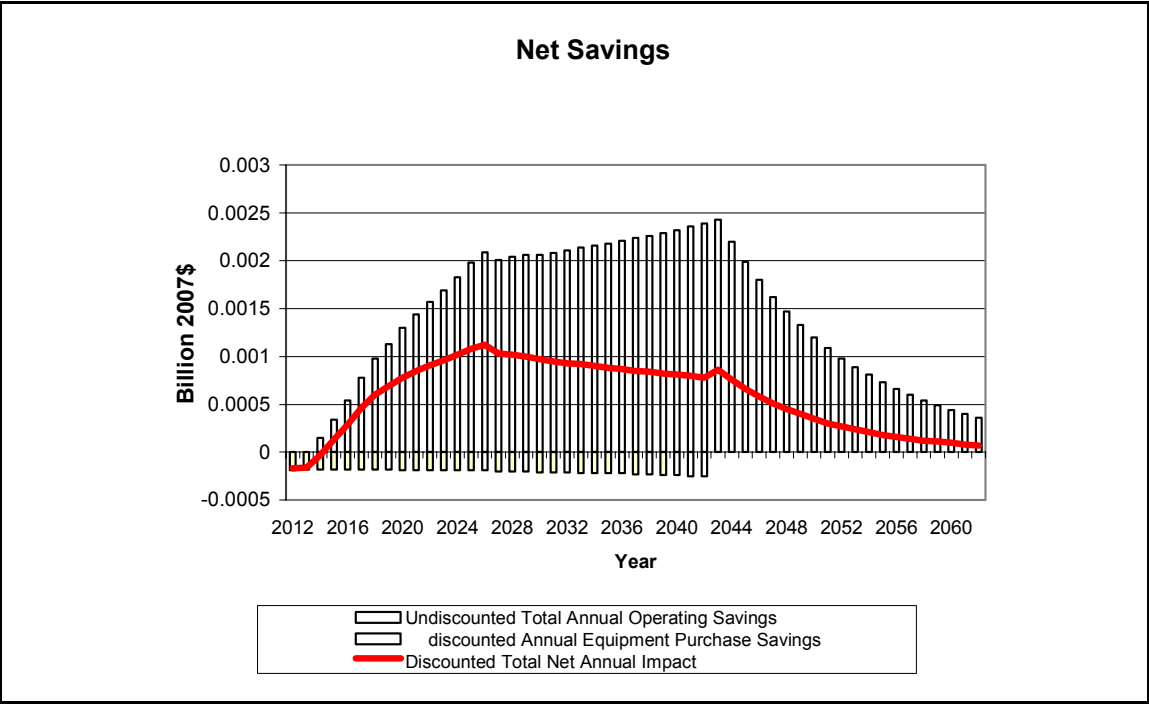


Figure I.4.7 National Annual Costs and Savings for VOP.SC.M, TSL 2

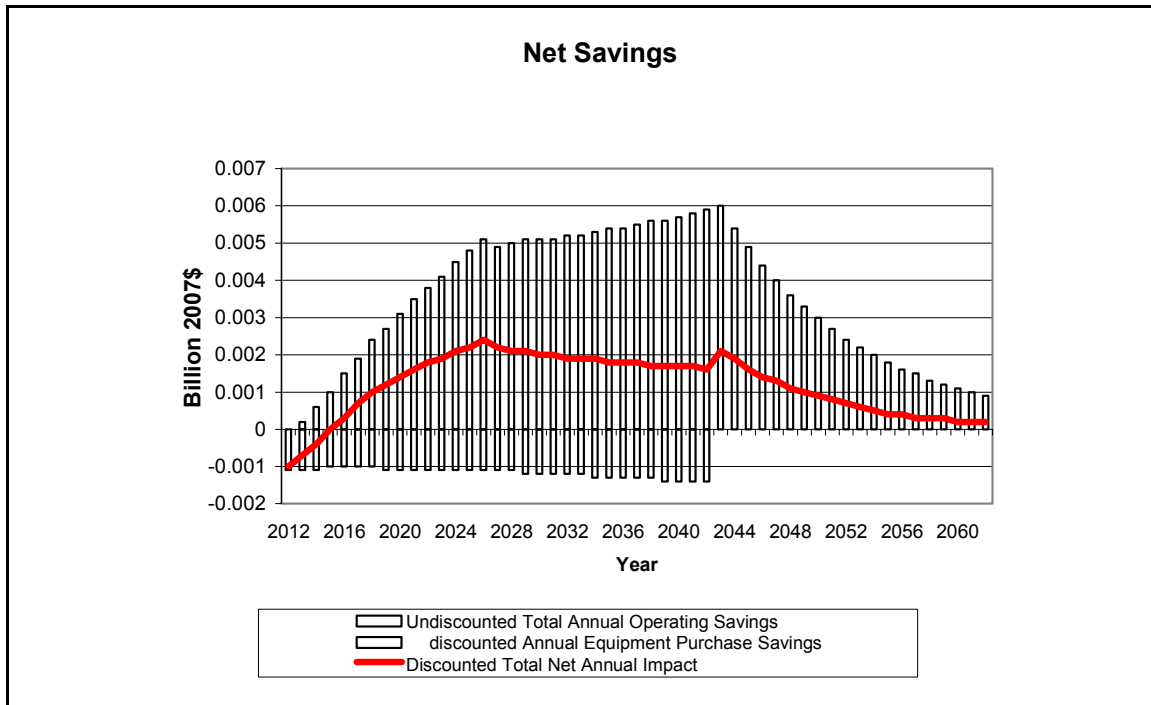


Figure I.4.8 National Annual Costs and Savings for VOP.SC.M, TSL 3

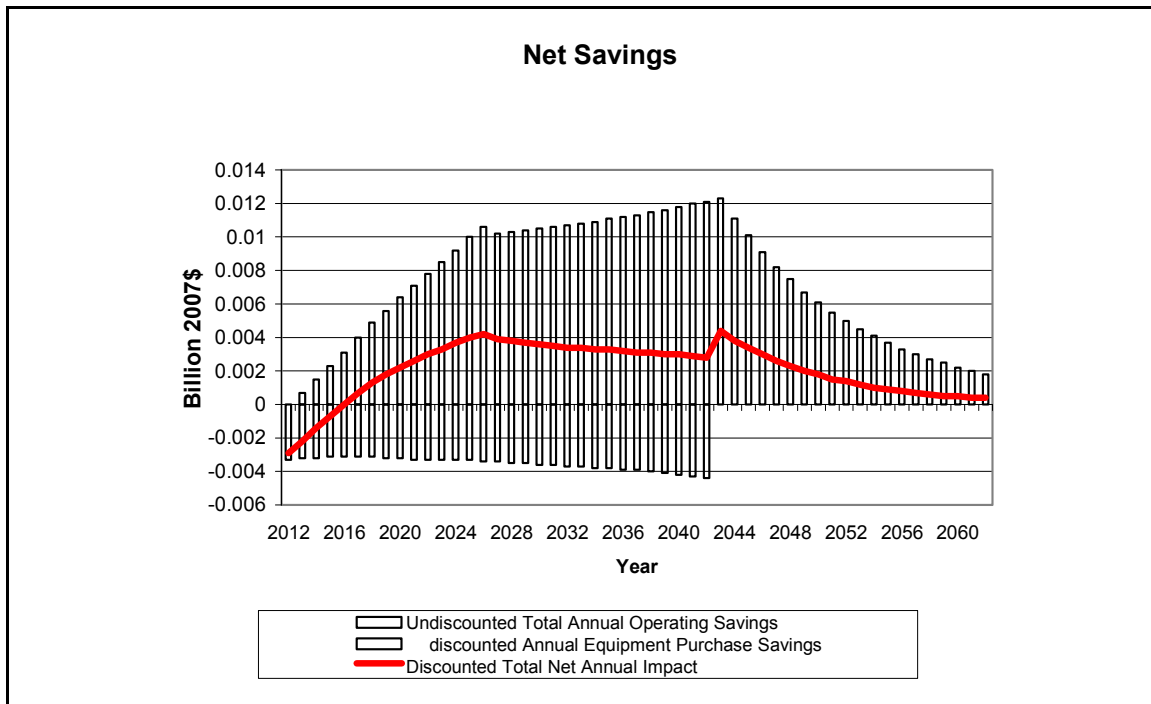


Figure I.4.9 National Annual Costs and Savings for VOP.SC.M, TSL 4

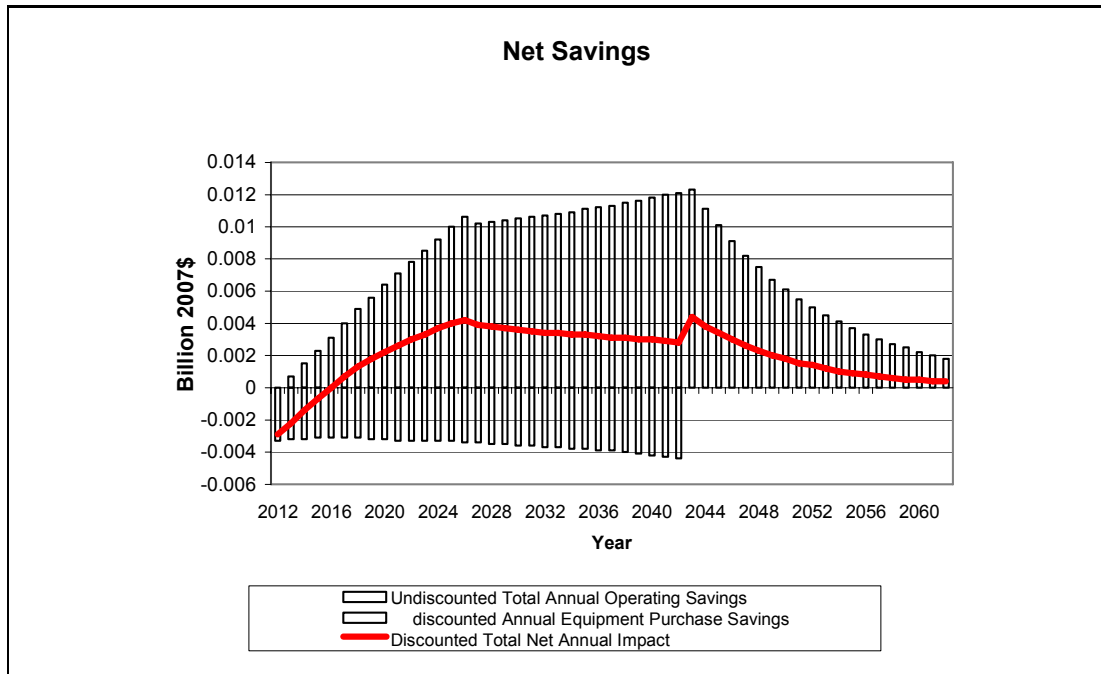


Figure I.4.10 National Annual Costs and Savings for VOP.SC.M, TSL 5

I.5 VERTICAL CLOSED TRANSPARENT.REMOTE CONDENSING.MEDIUM (VCT.RC.M)

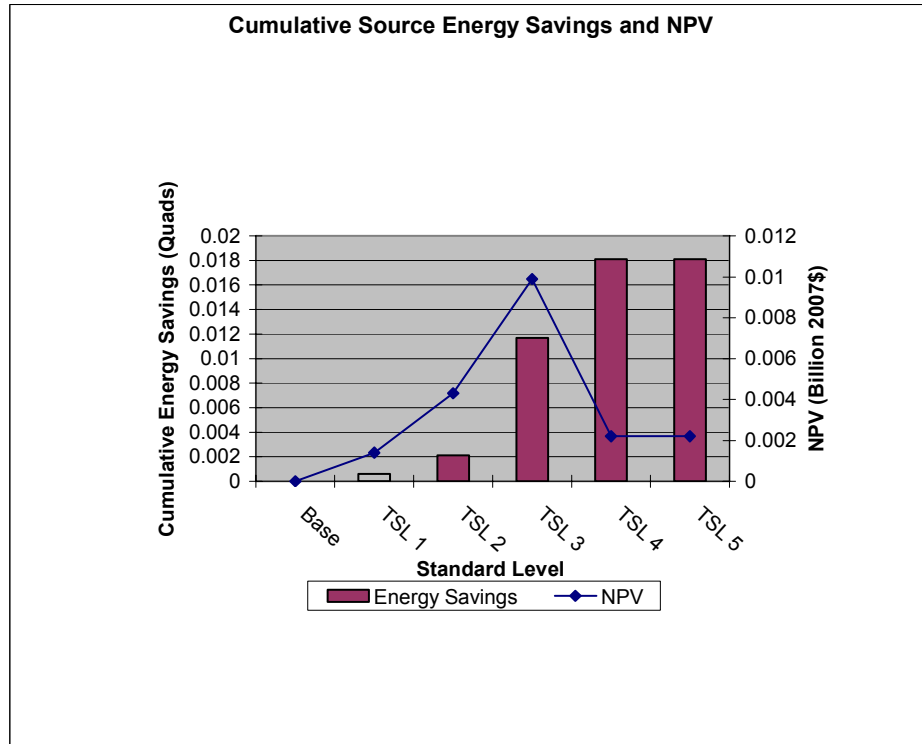


Figure I.5.1 Cumulative NPV Results for VCT.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

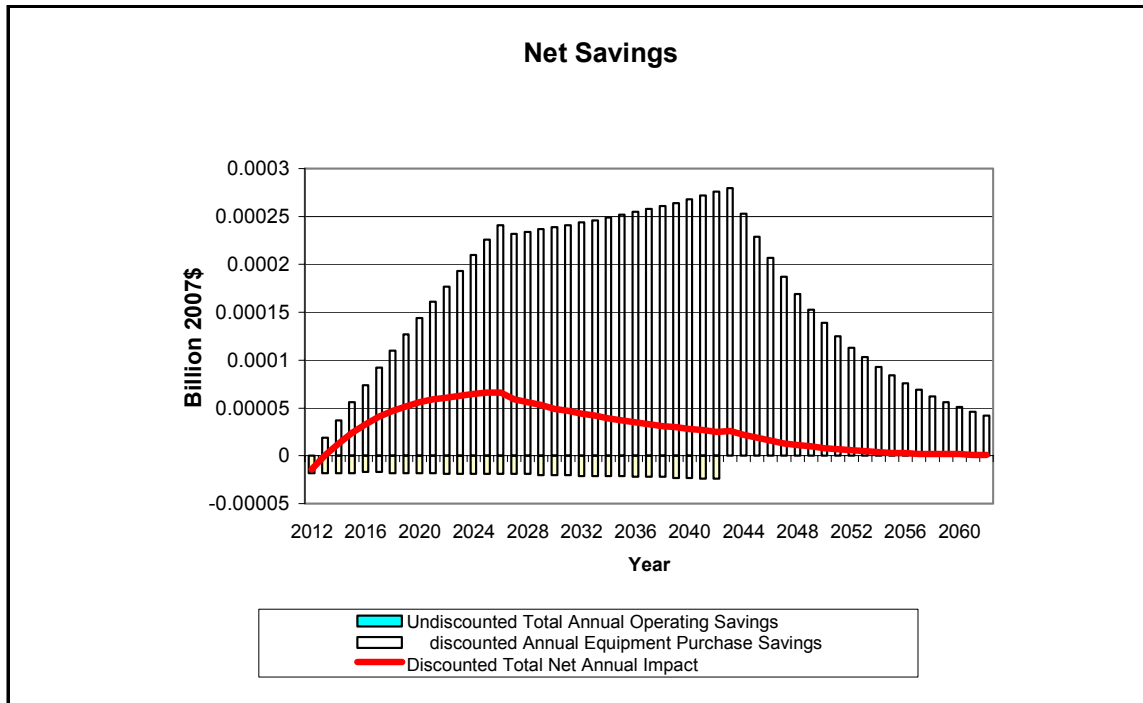


Figure I.5.2 National Annual Costs and Savings for VCT.RC.M, TSL 2

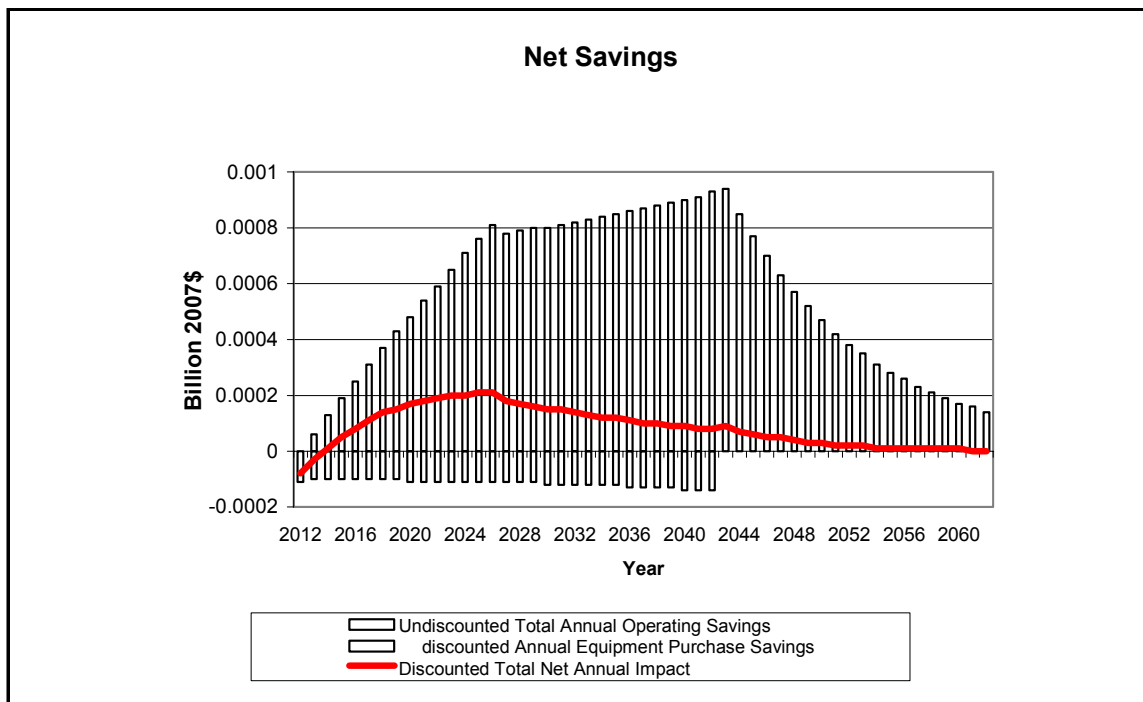


Figure I.5.3 National Annual Costs and Savings for VCT.RC.M, TSL 3

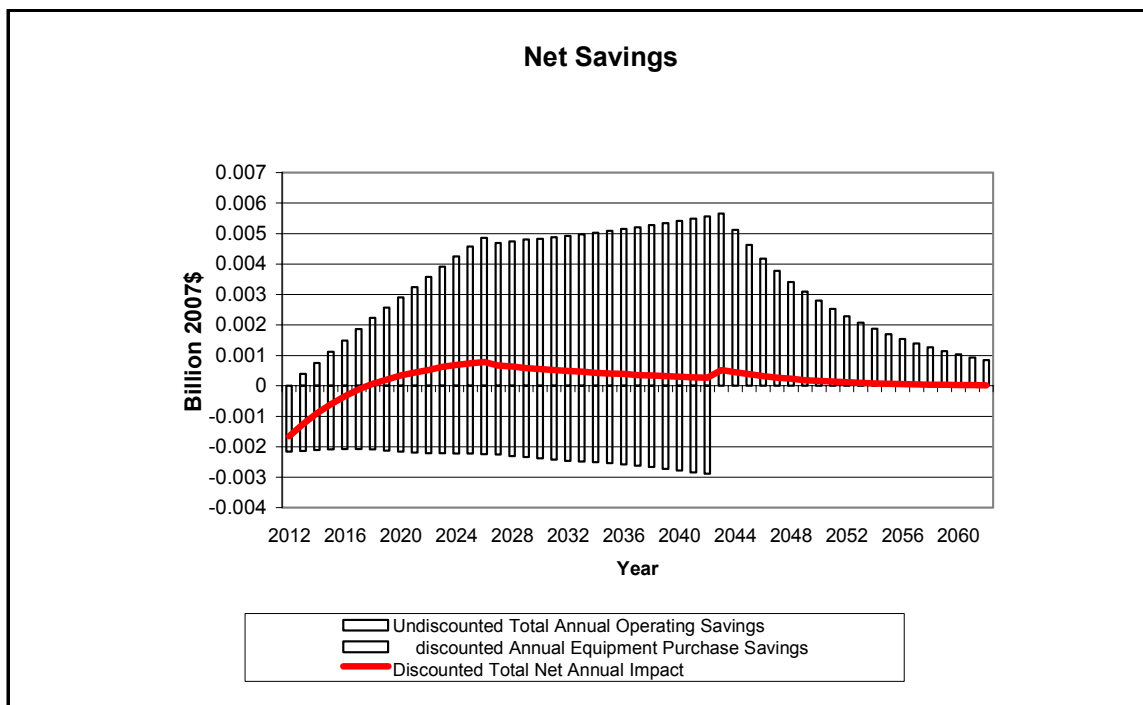


Figure I.5.4 National Annual Costs and Savings for VCT.RC.M, TSL 4

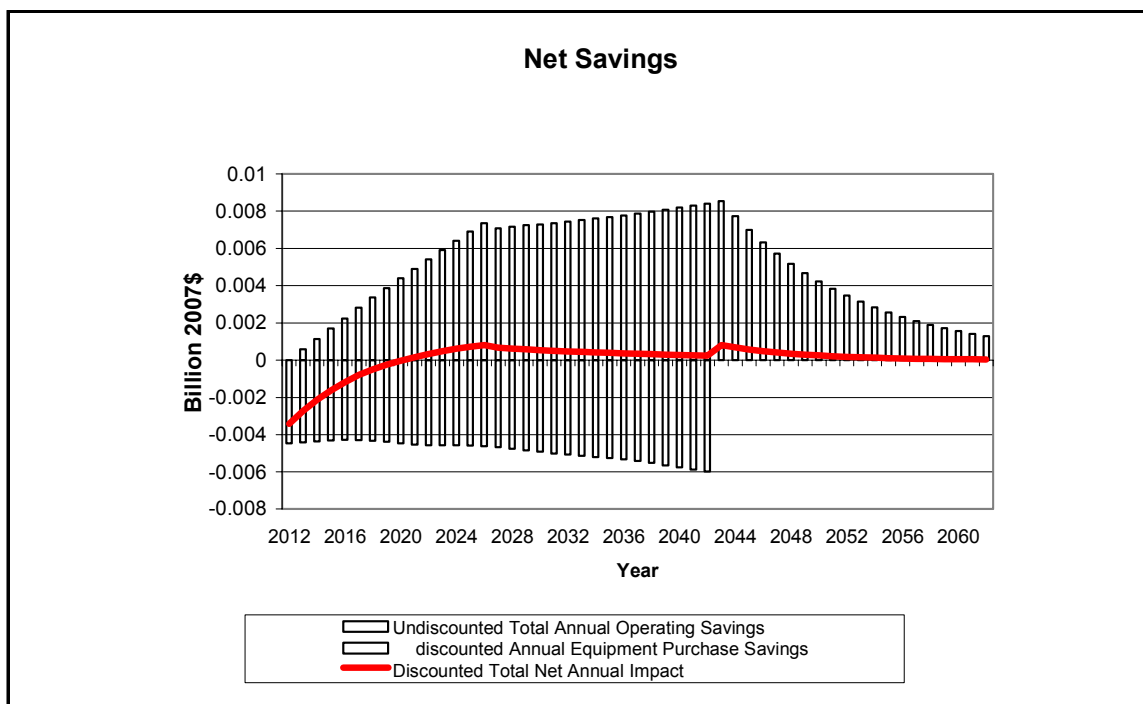


Figure I.5.5 National Annual Costs and Savings for VCT.RC.M, TSL 5

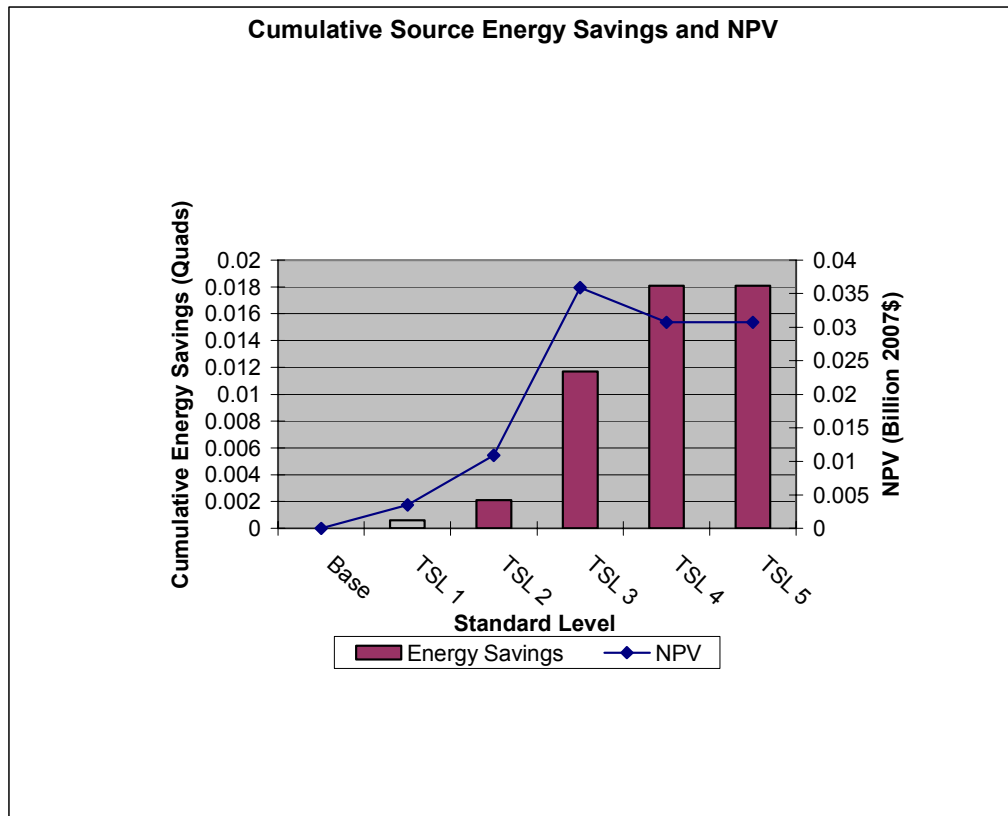


Figure I.5.6 Cumulative NPV Results for VCT.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

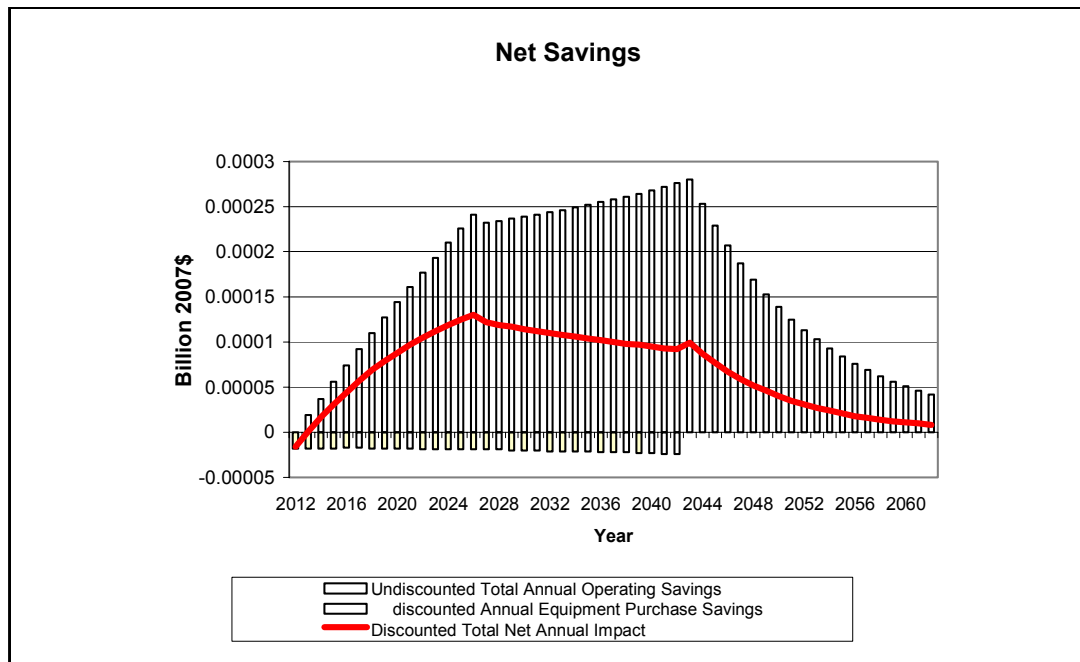


Figure I.5.7 National Annual Costs and Savings for VCT.RC.M, TSL 2

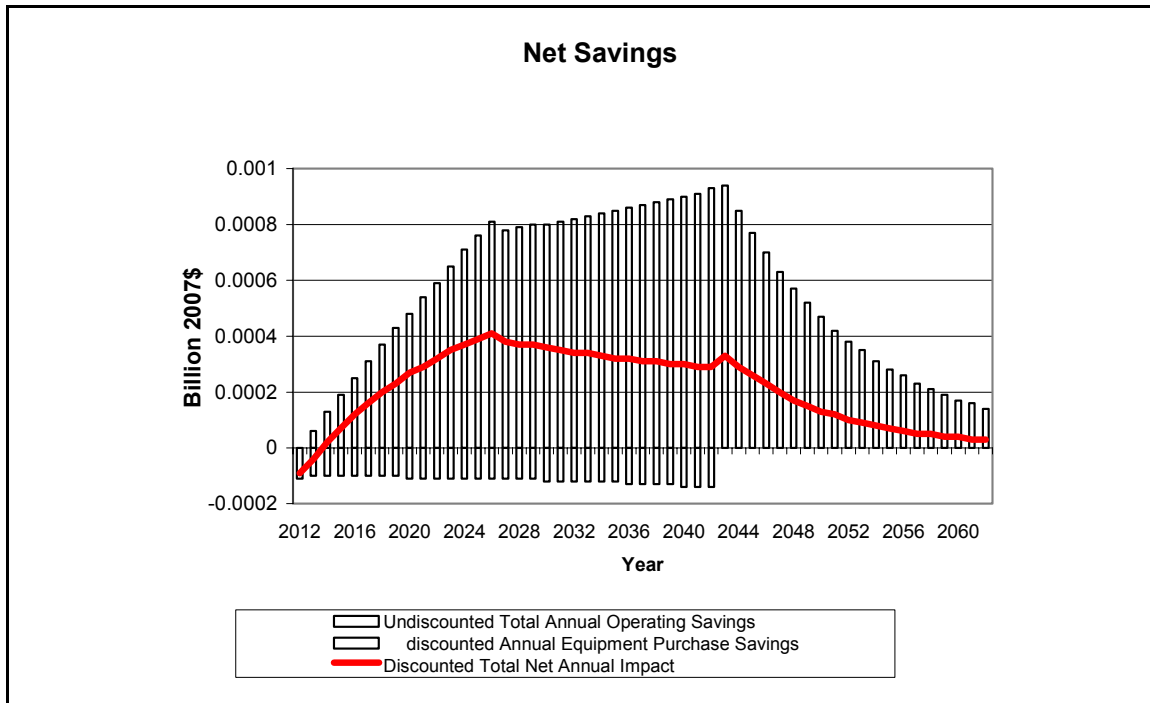


Figure I.5.8 National Annual Costs and Savings for VCT.RC.M, TSL 3

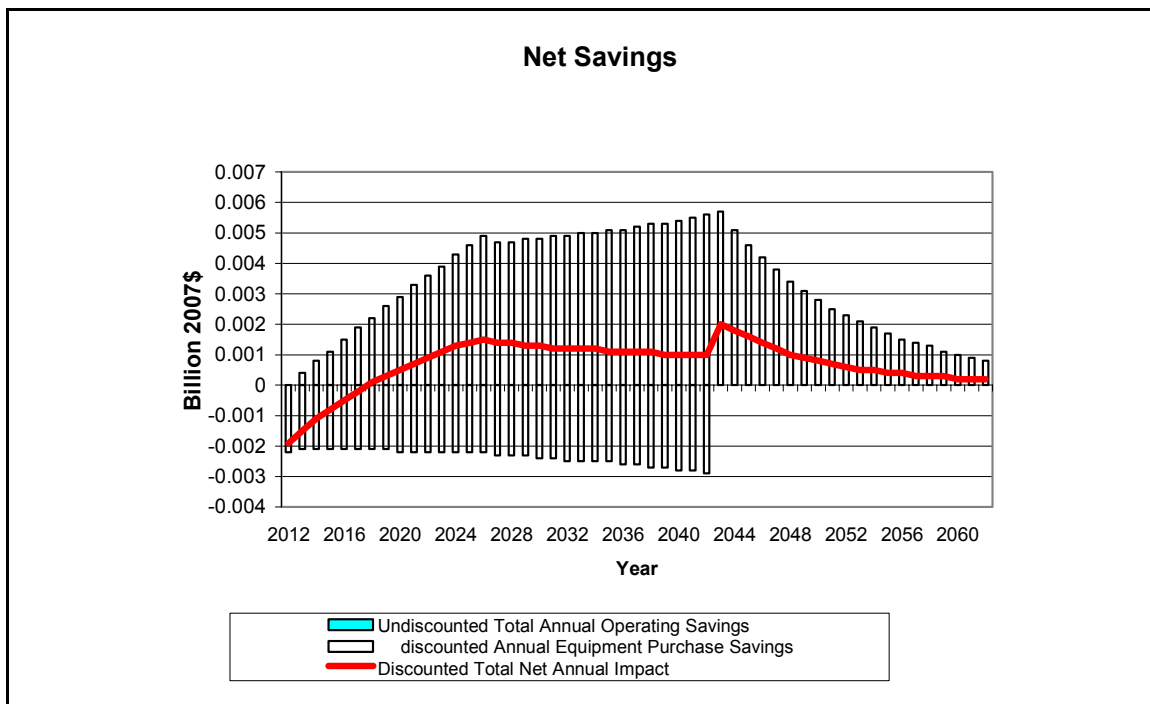


Figure I.5.9 National Annual Costs and Savings for VCT.RC.M, TSL 4

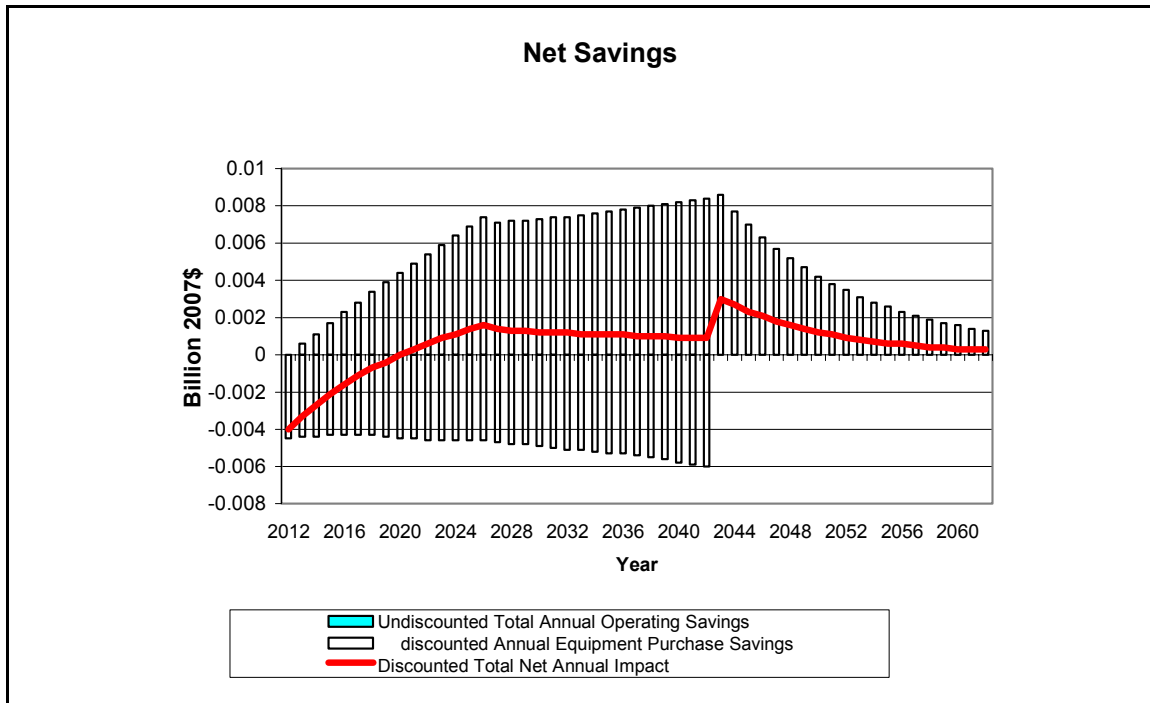


Figure I.5.10 National Annual Costs and Savings for VCT.RC.M, TSL 5

I.6 VERTICAL CLOSED TRANSPARENT.REMOTE CONDENSING.LOW (VCT.RC.L)

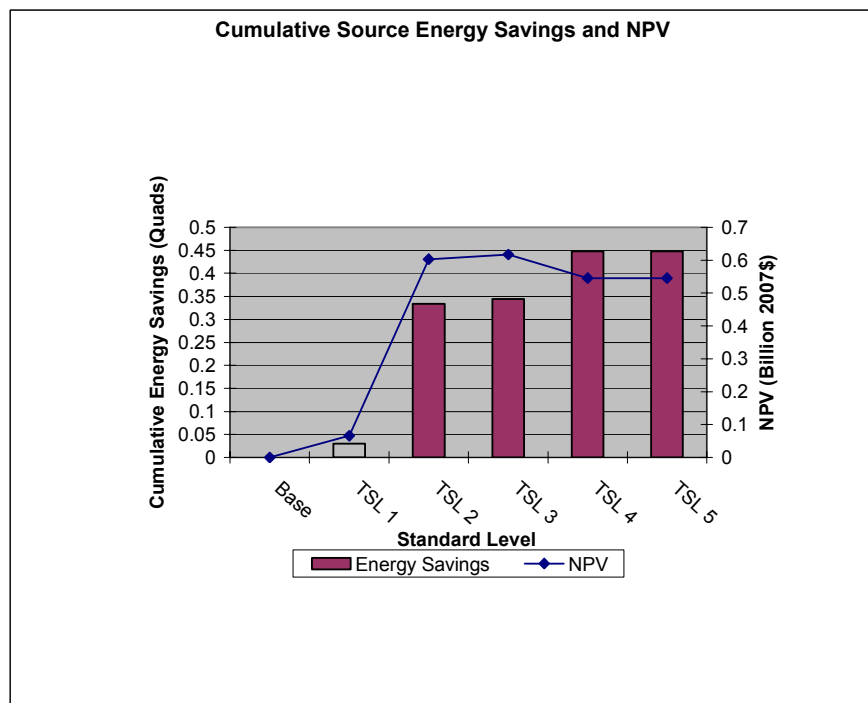


Figure I.6.1 Cumulative NPV Results for VCT.RC.L Based on a Seven-Percent Discount Rate (Billion 2007\$)

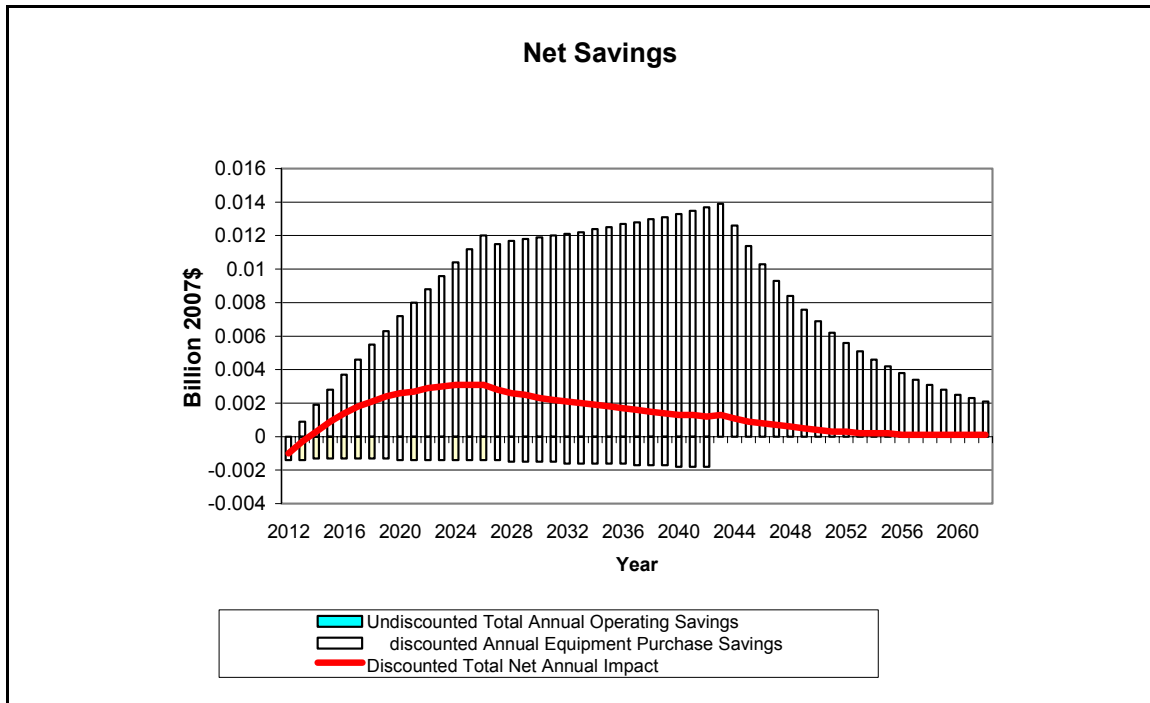


Figure I.6.2 National Annual Costs and Savings for VCT.RC.L, TSL 2

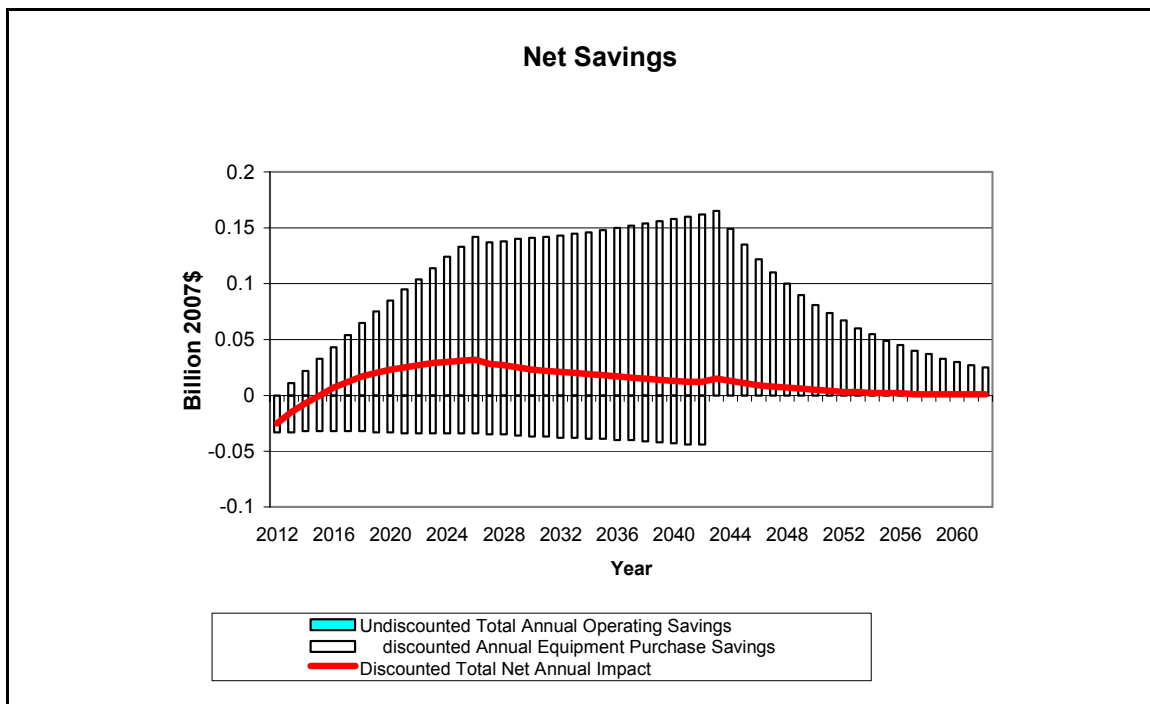


Figure I.6.3 National Annual Costs and Savings for VCT.RC.L, TSL 3

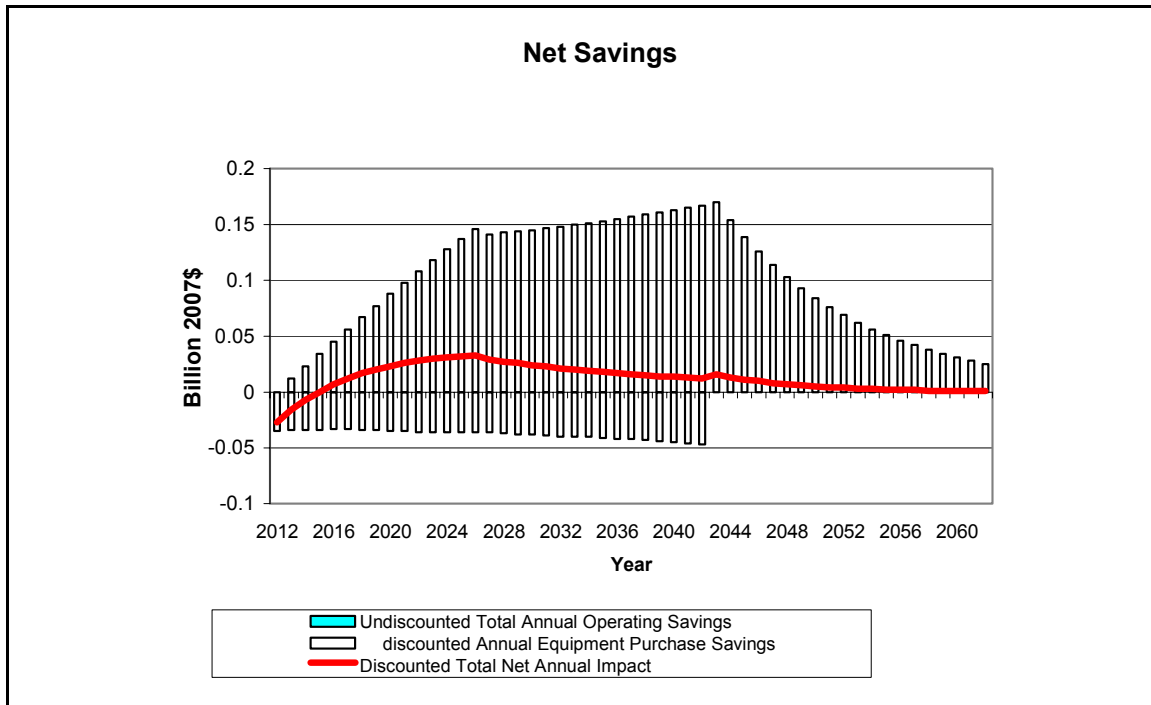


Figure I.6.4 National Annual Costs and Savings for VCT.RC.L, TSL 4

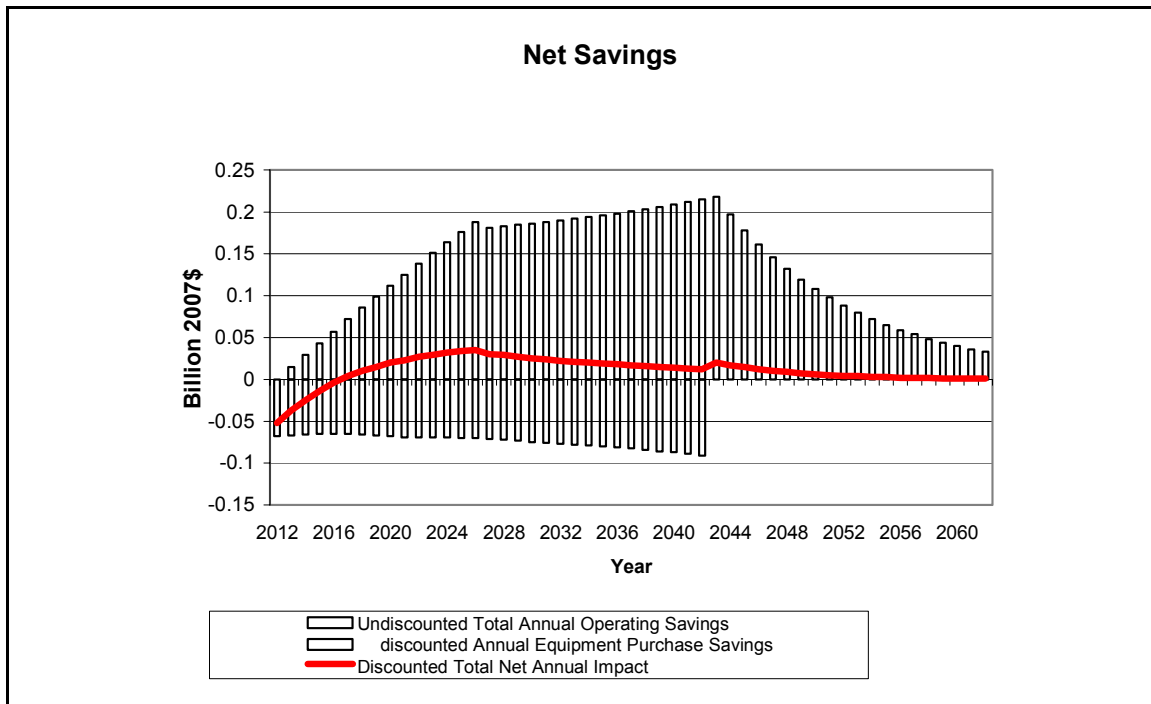


Figure I.6.5 National Annual Costs and Savings for VCT.RC.L, TSL 5

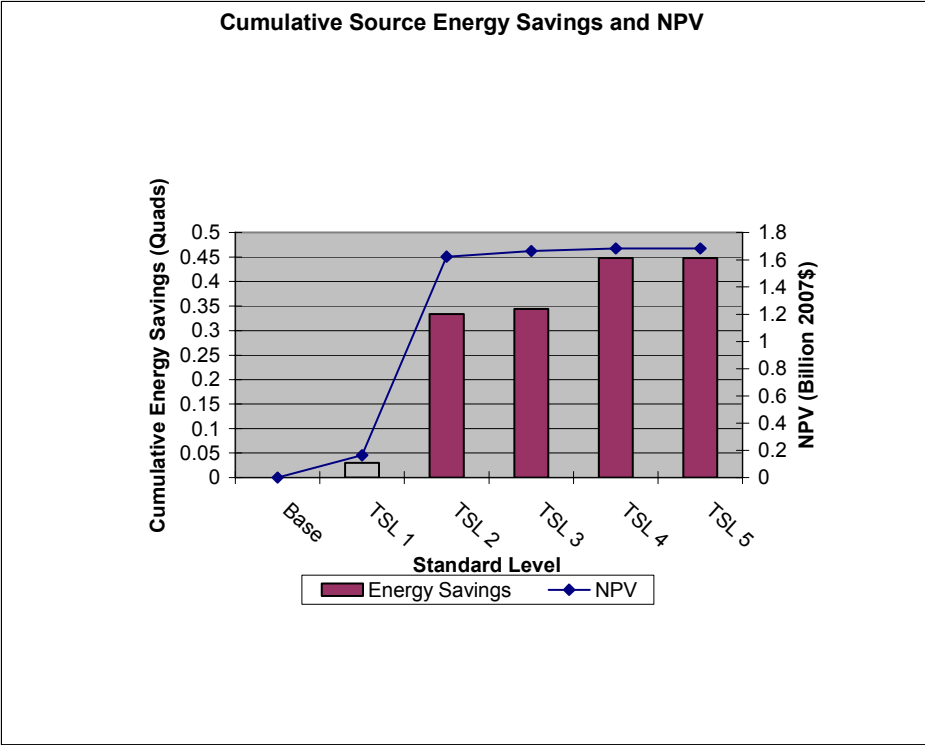


Figure I.6.6 Cumulative NPV Results for VCT.RC.L Based on a Three-Percent Discount Rate (Billion 2007\$)

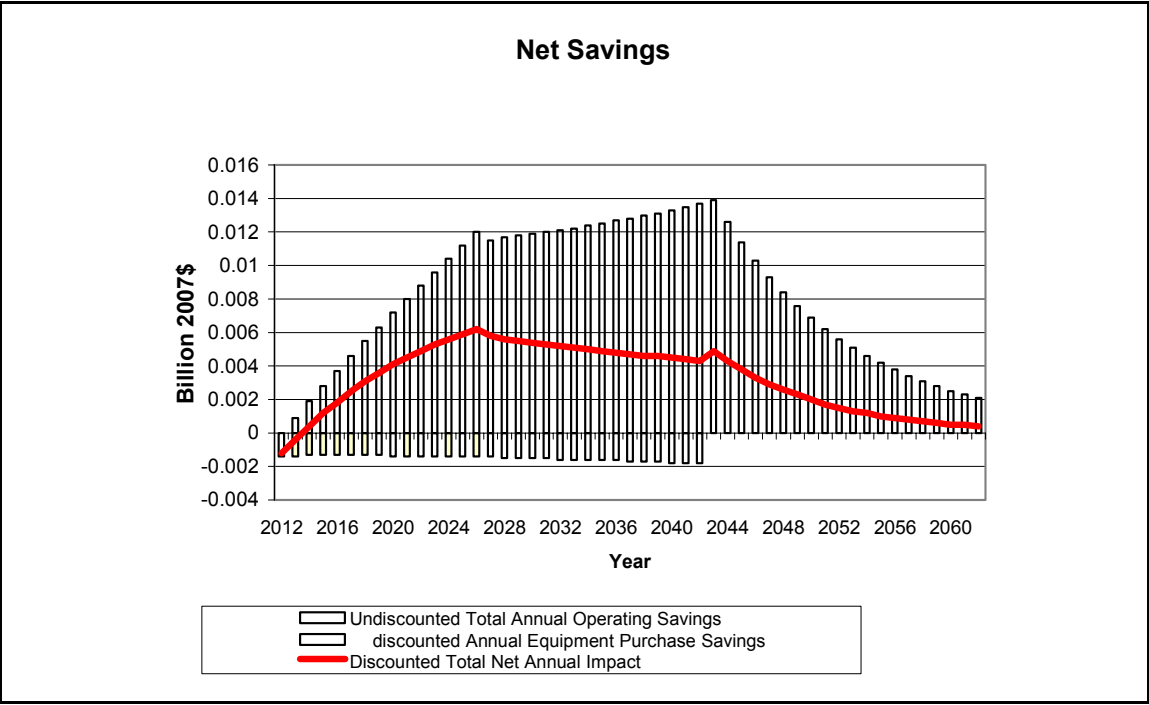


Figure I.6.7 National Annual Costs and Savings for VCT.RC.L, TSL 2

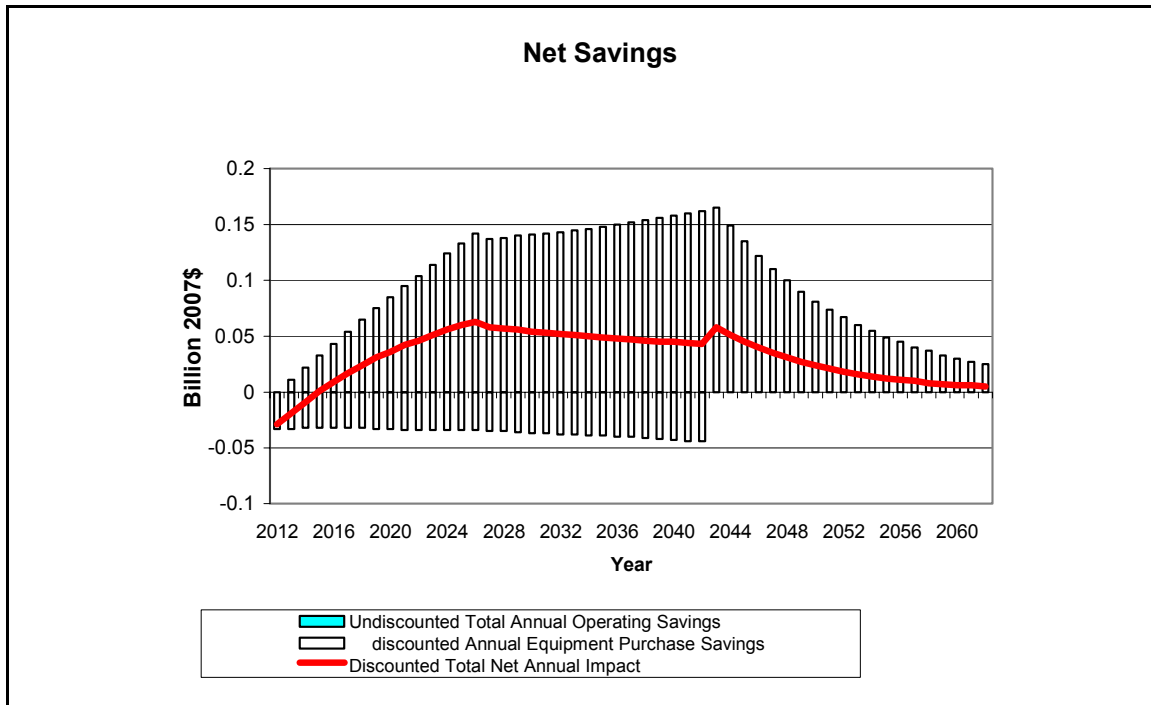


Figure I.6.8 National Annual Costs and Savings for VCT.RC.L, TSL 3

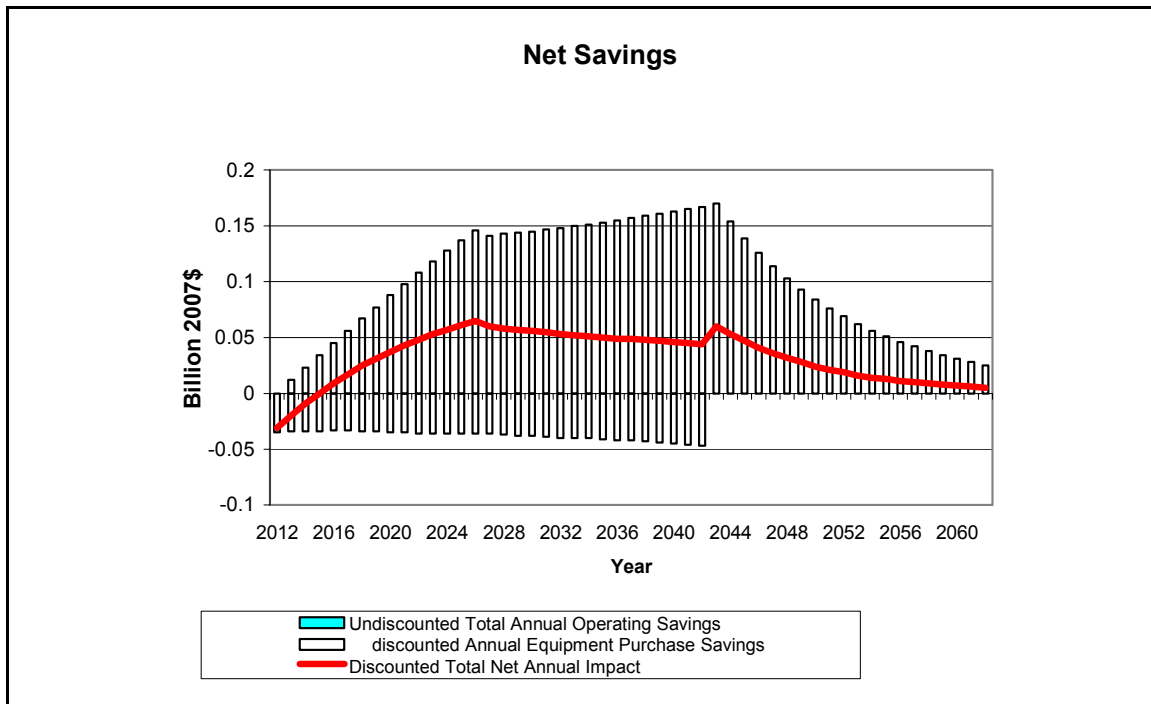


Figure I.6.9 National Annual Costs and Savings for VCT.RC.L, TSL 4

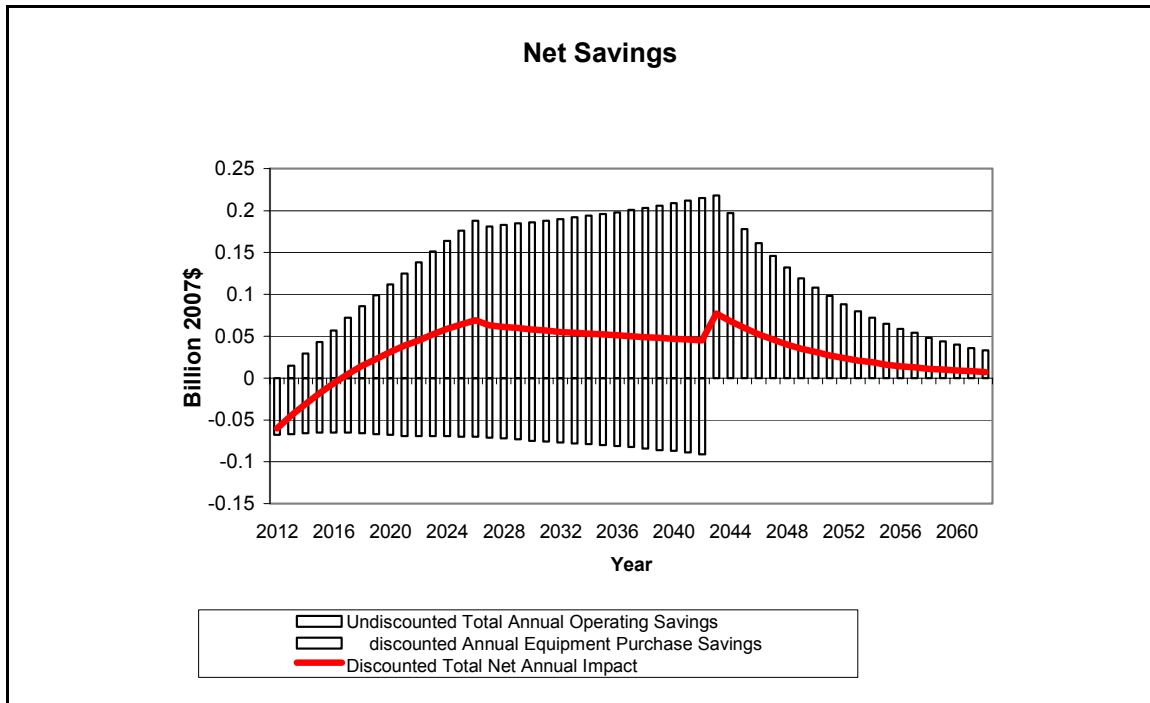


Figure I.6.10 National Annual Costs and Savings for VCT.RC.L, TSL 5

I.7 VERTICAL CLOSED TRANSPARENT.SELF CONTAINED.ICE CREAM (VCT.SC.I)

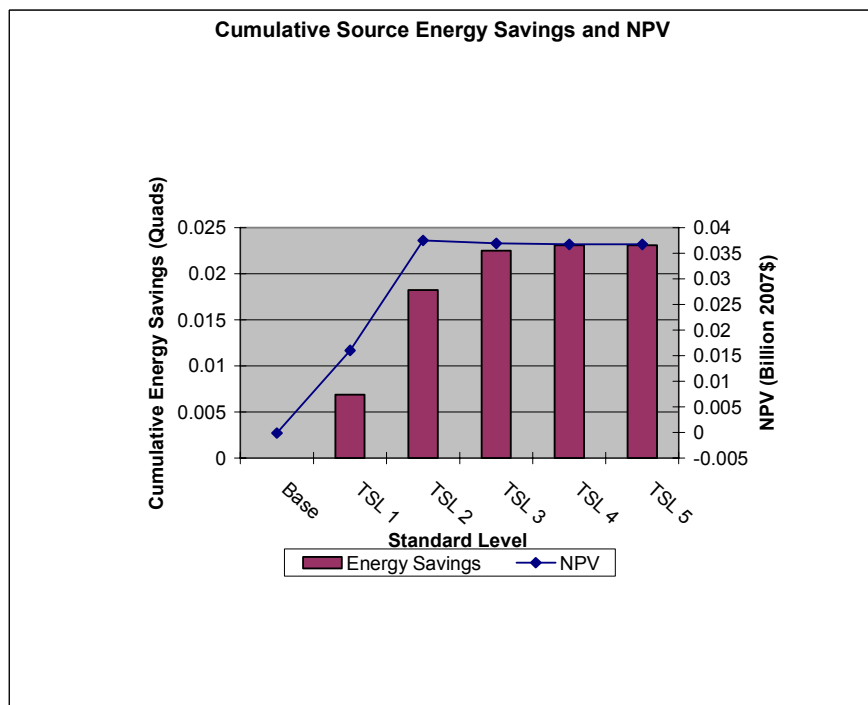


Figure I.7.1 Cumulative NPV Results for VCT.SC.I Based on a Seven-Percent Discount Rate (Billion 2007\$)

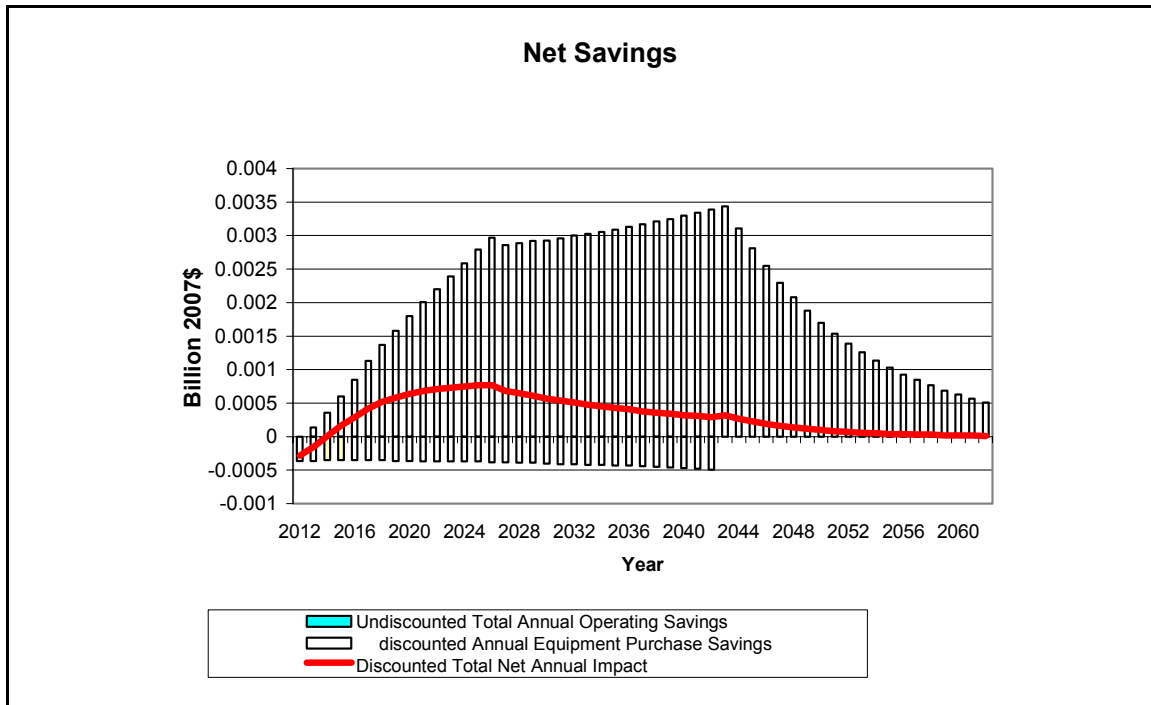


Figure I.7.2 National Annual Costs and Savings for VCT.SC.I, TSL 2

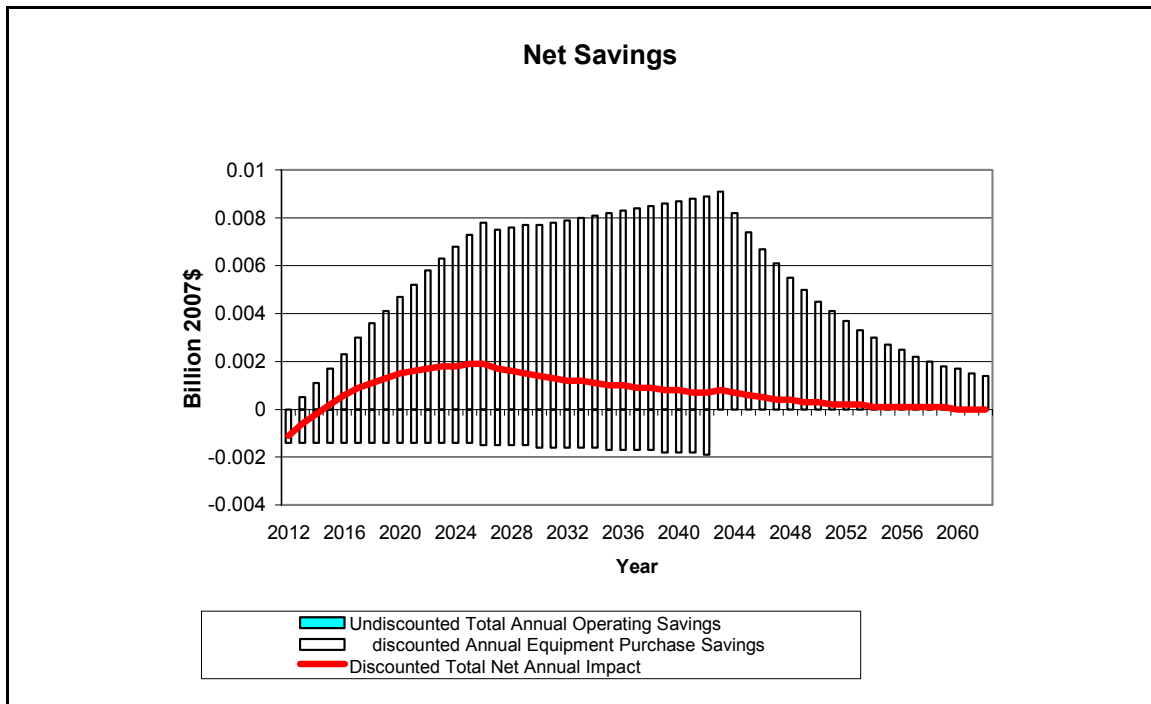


Figure I.7.3 National Annual Costs and Savings for VCT.SC.I, TSL 3

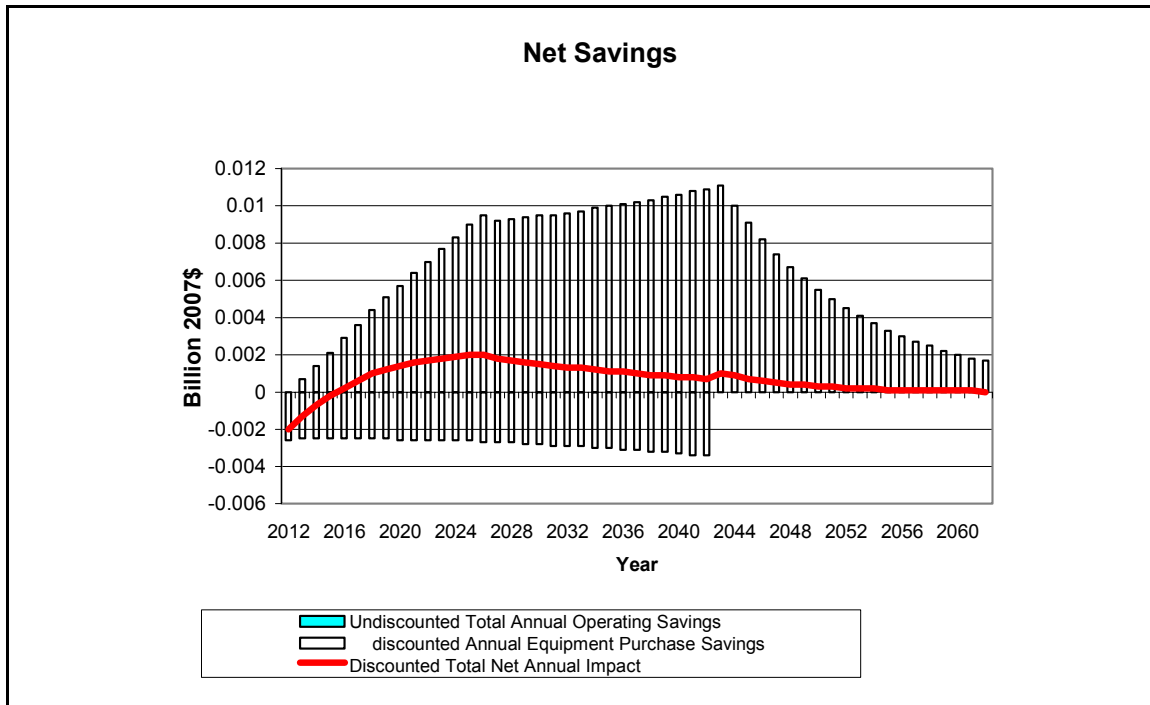


Figure I.7.4 National Annual Costs and Savings for VCT.SC.I, TSL 4

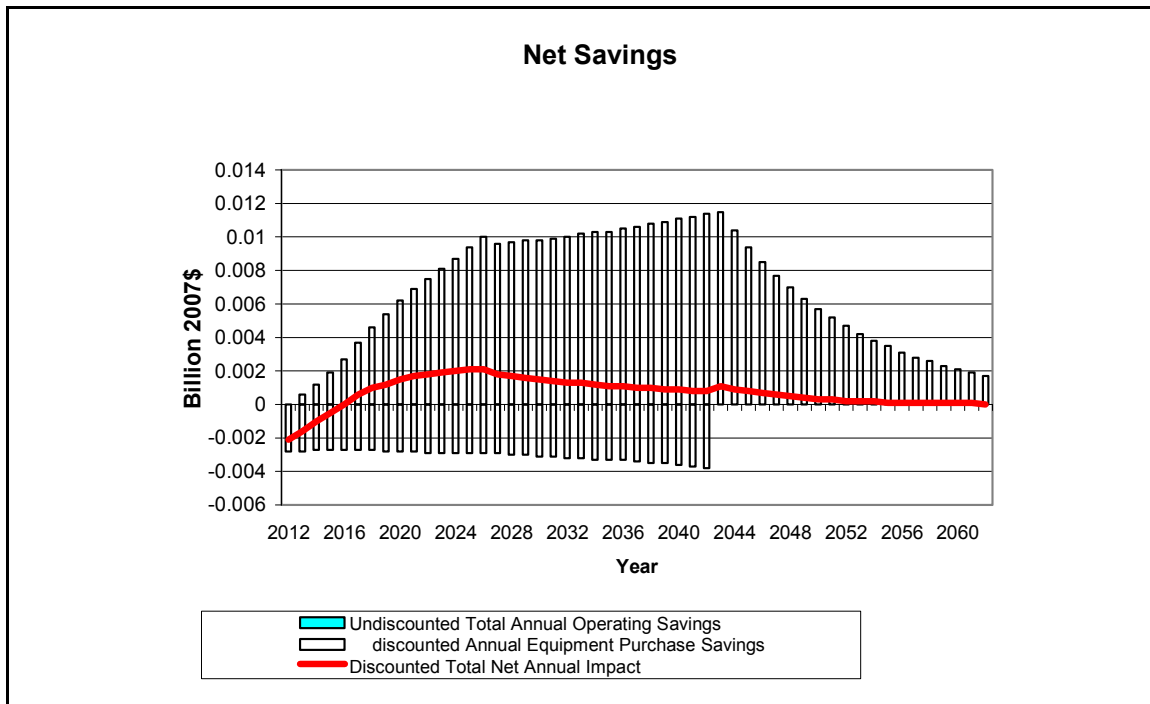


Figure I.7.5 National Annual Costs and Savings for VCT.SC.I, TSL 5

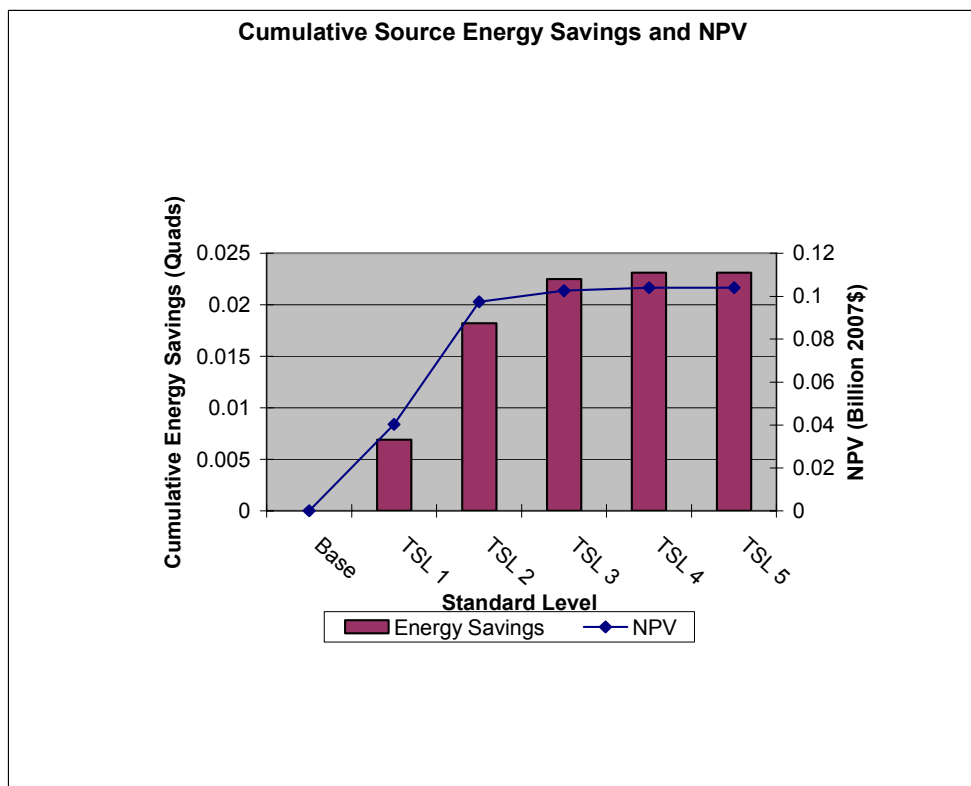


Figure I.7.6 Cumulative NPV Results for VCT.SC.I Based on a Three-Percent Discount Rate (Billion 2007\$)

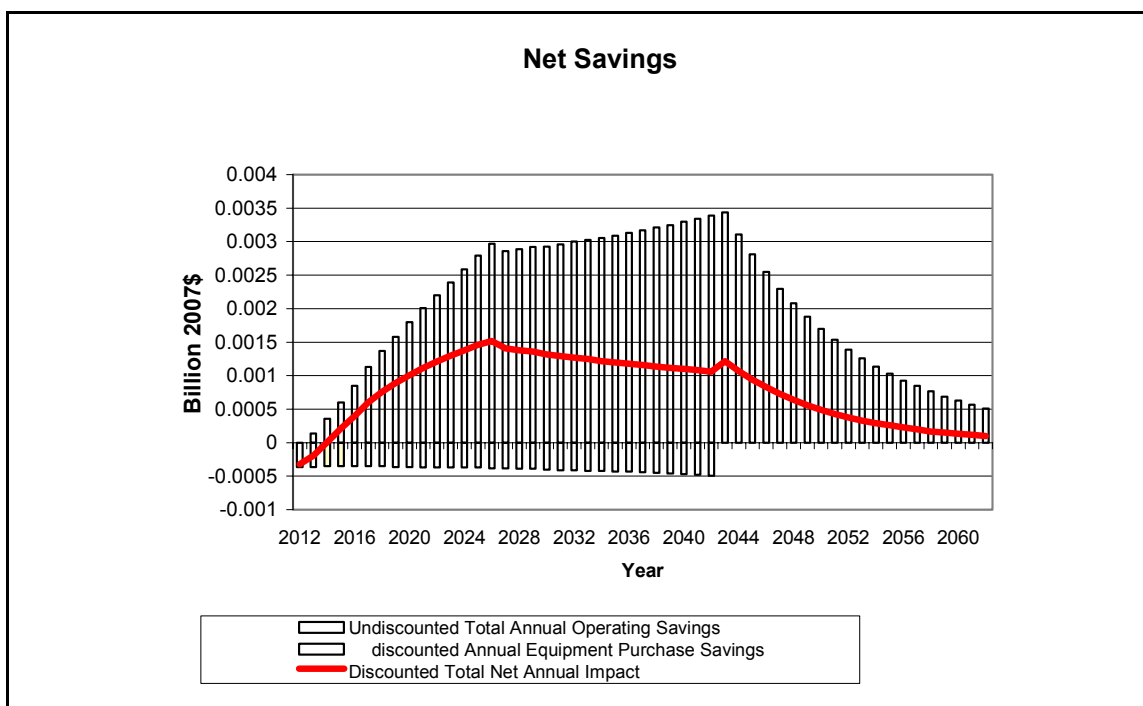


Figure I.7.7 National Annual Costs and Savings for VCT.SC.I, TSL 2

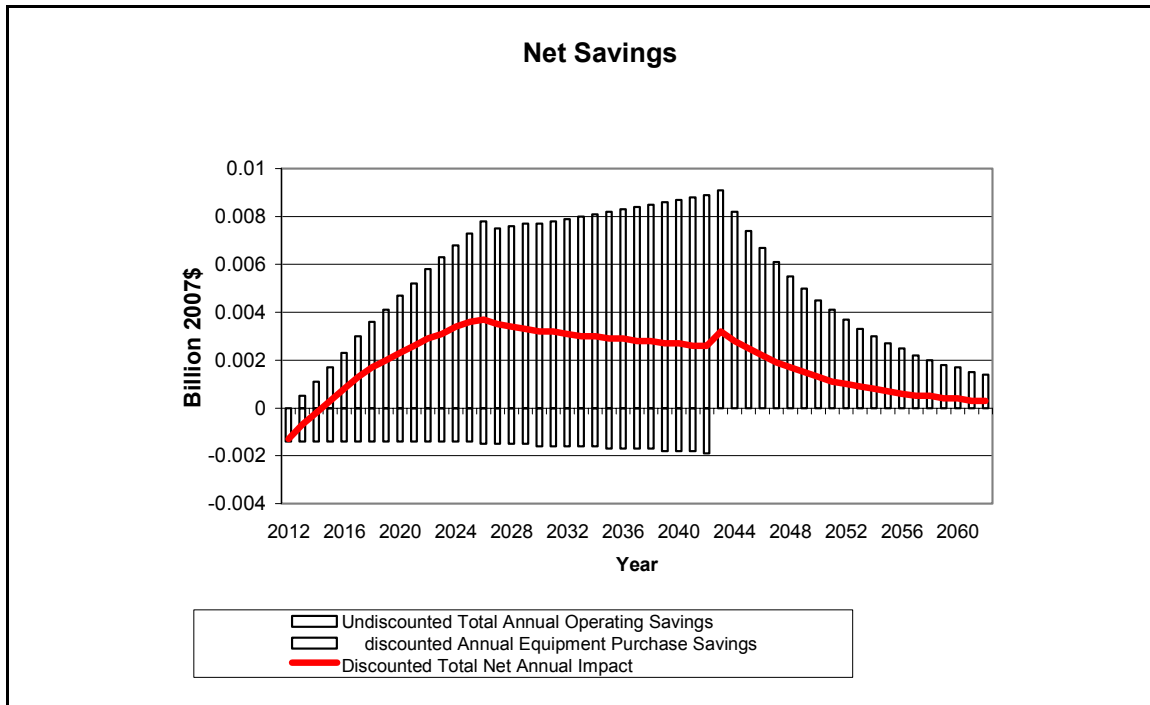


Figure I.7.8 National Annual Costs and Savings for VCT.SC.I, TSL 3

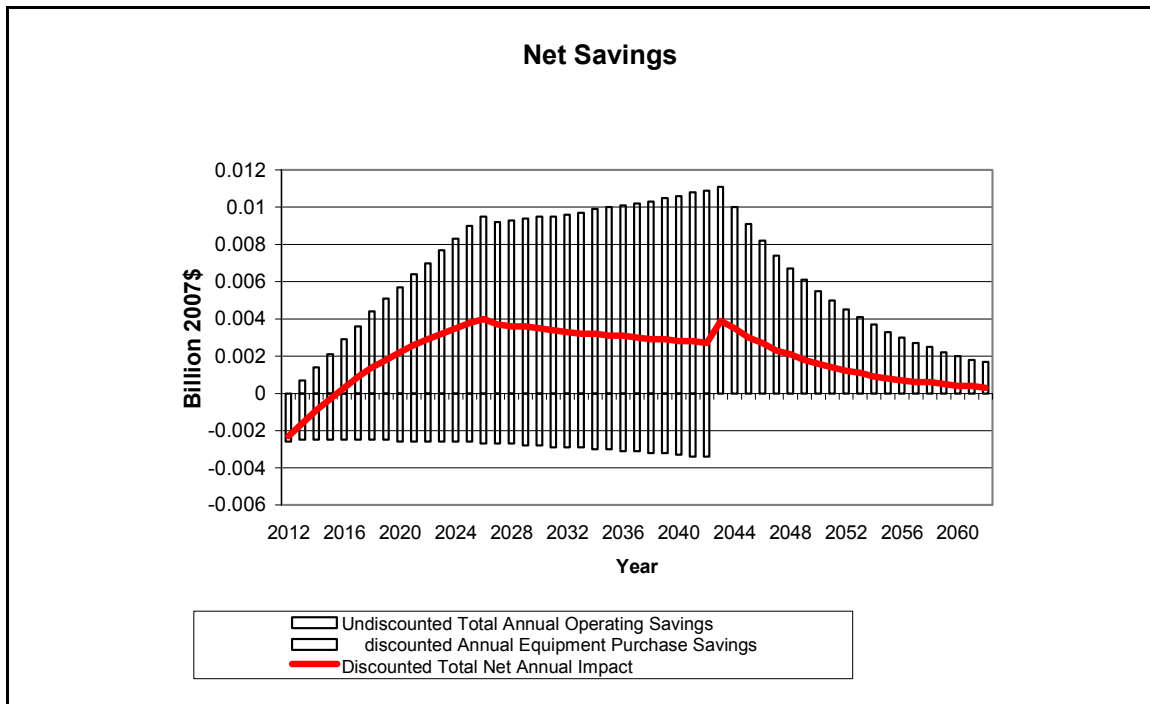


Figure I.7.9 National Annual Costs and Savings for VCT.SC.I, TSL 4

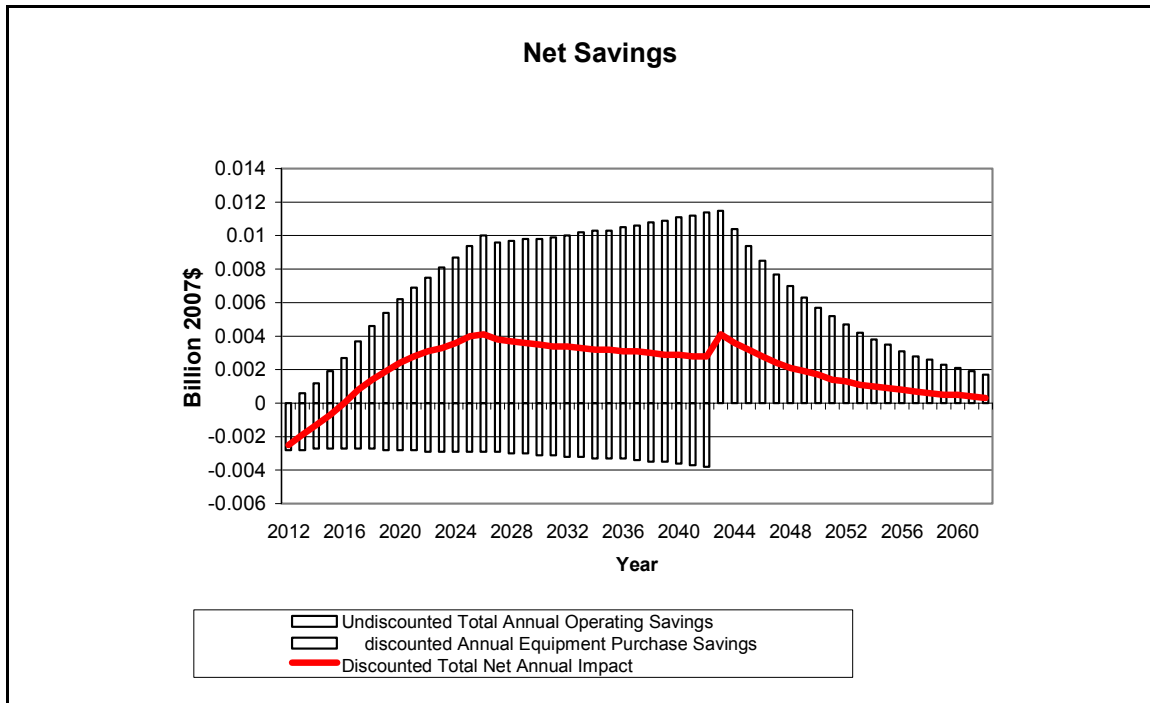


Figure I.7.10 National Annual Costs and Savings for VCT.SC.I, TSL 5

I.8 VERTICAL CLOSED SOLID.SELF CONTAINED.ICE CREAM (VCS.SC.I)

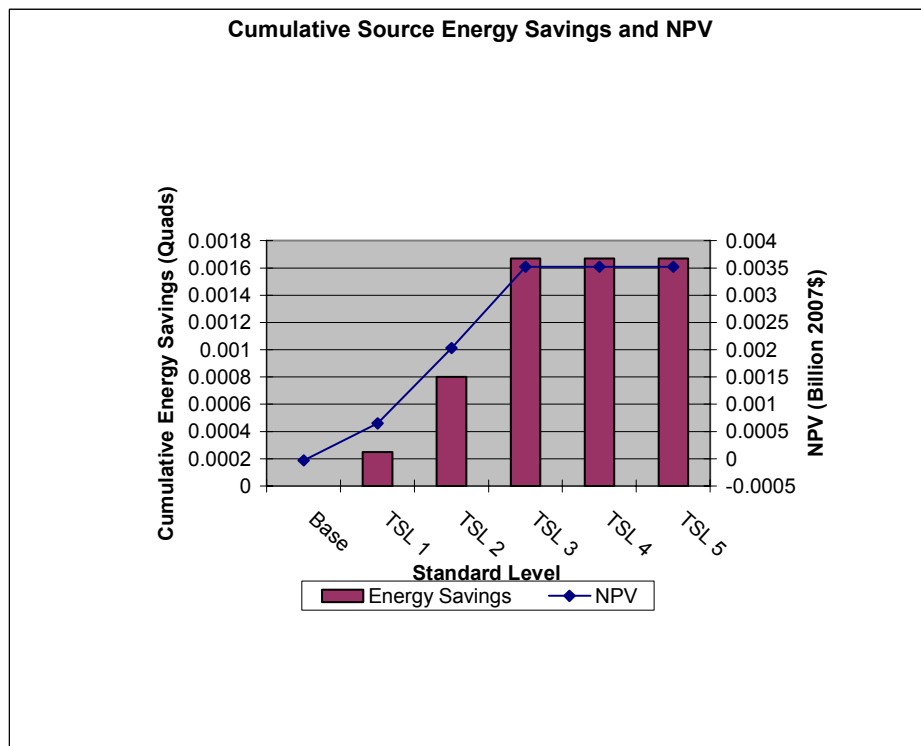


Figure I.8.1 Cumulative NPV Results for VCS.SC.I Based on a Seven-Percent Discount Rate (Billion 2007\$)

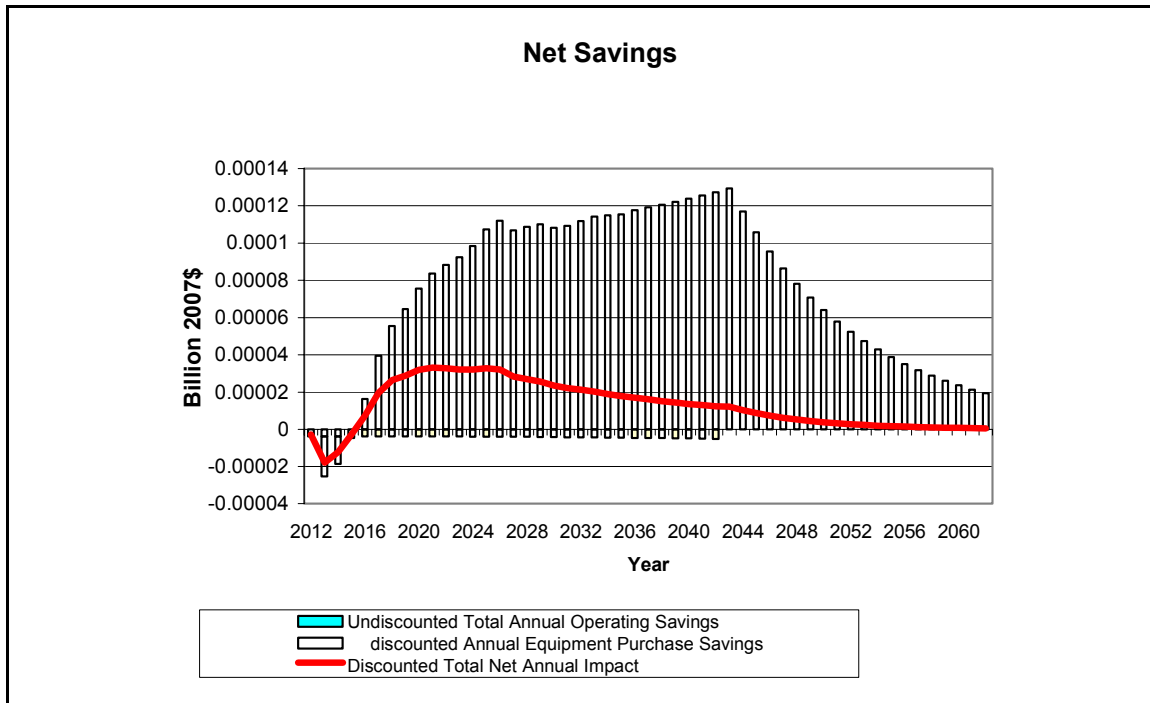


Figure I.8.2 National Annual Costs and Savings for VCS.SC.I, TSL 2

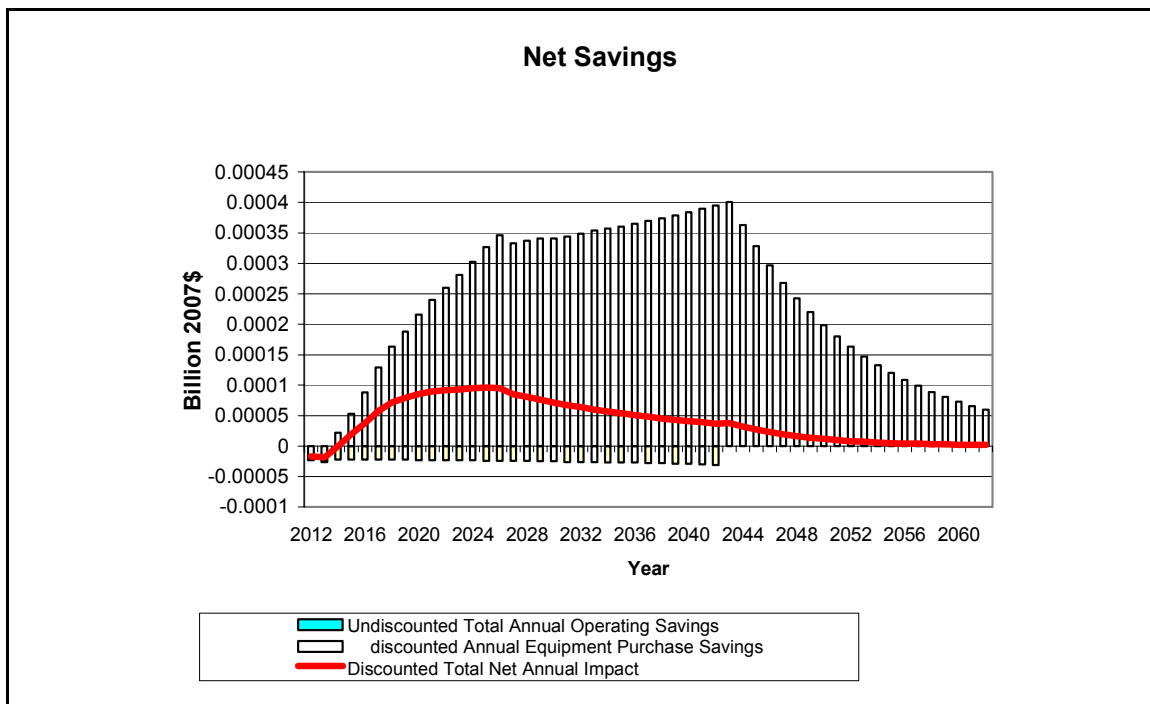


Figure I.8.3 National Annual Costs and Savings for VCS.SC.I, TSL 3

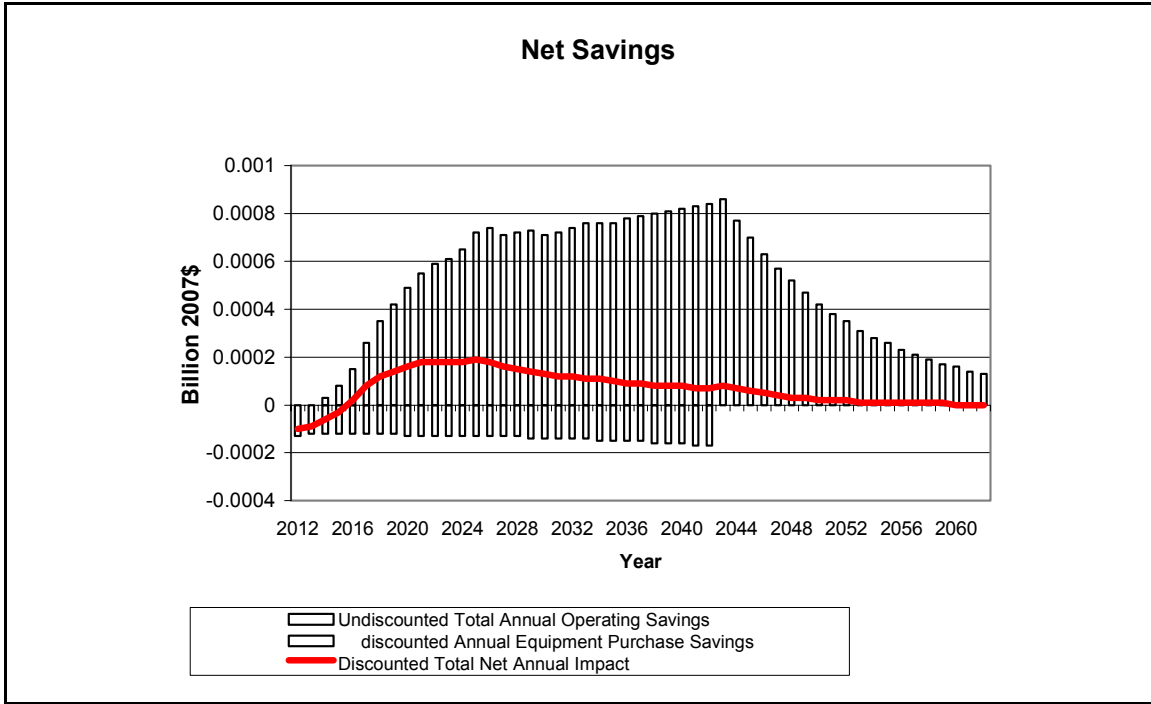


Figure I.8.4 National Annual Costs and Savings for VCS.SC.I, TSL 4

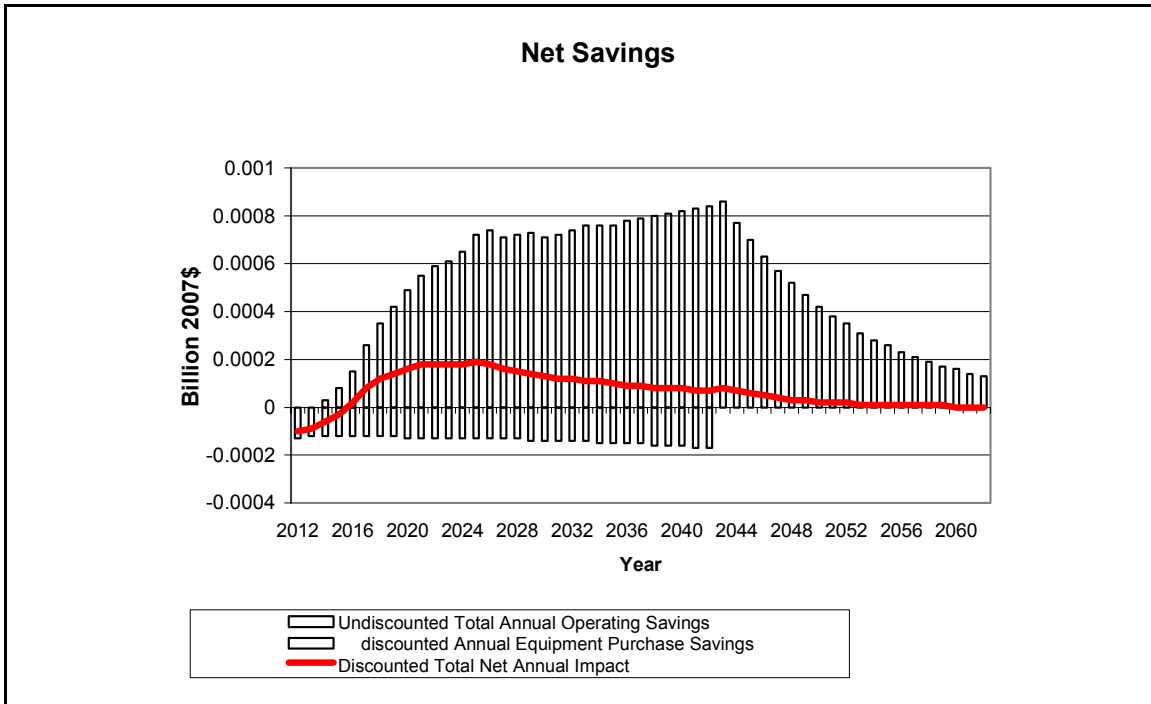


Figure I.8.5 National Annual Costs and Savings for VCS.SC.I, TSL 5

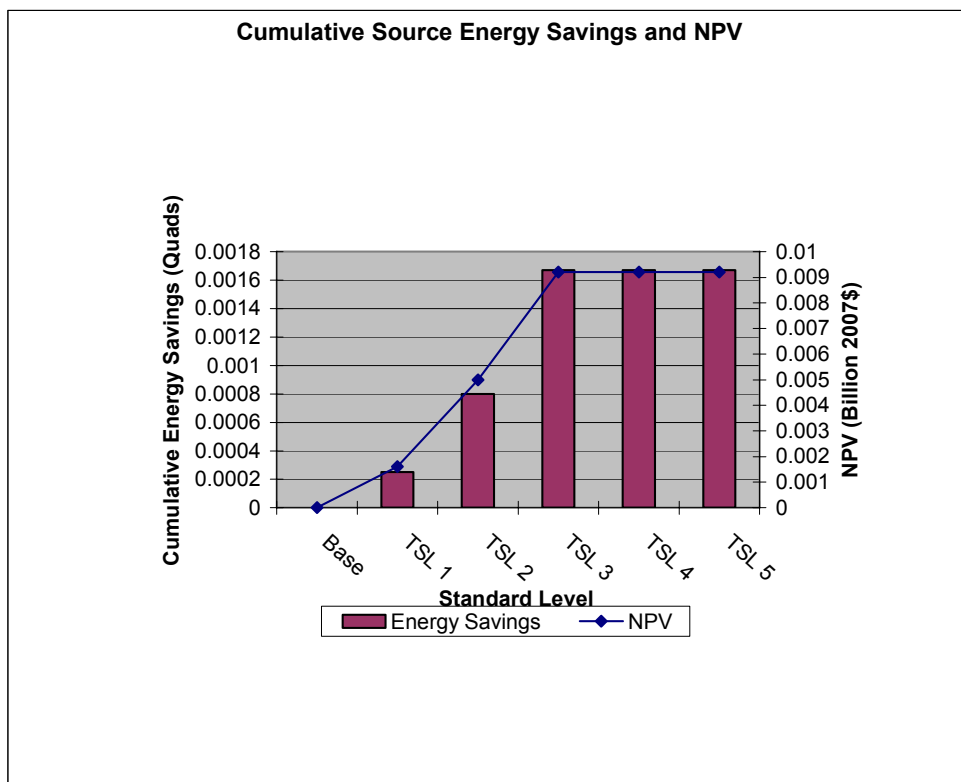


Figure I.8.6 Cumulative NPV Results for VCS.SC.I Based on a Three-Percent Discount Rate (Billion 2007\$)

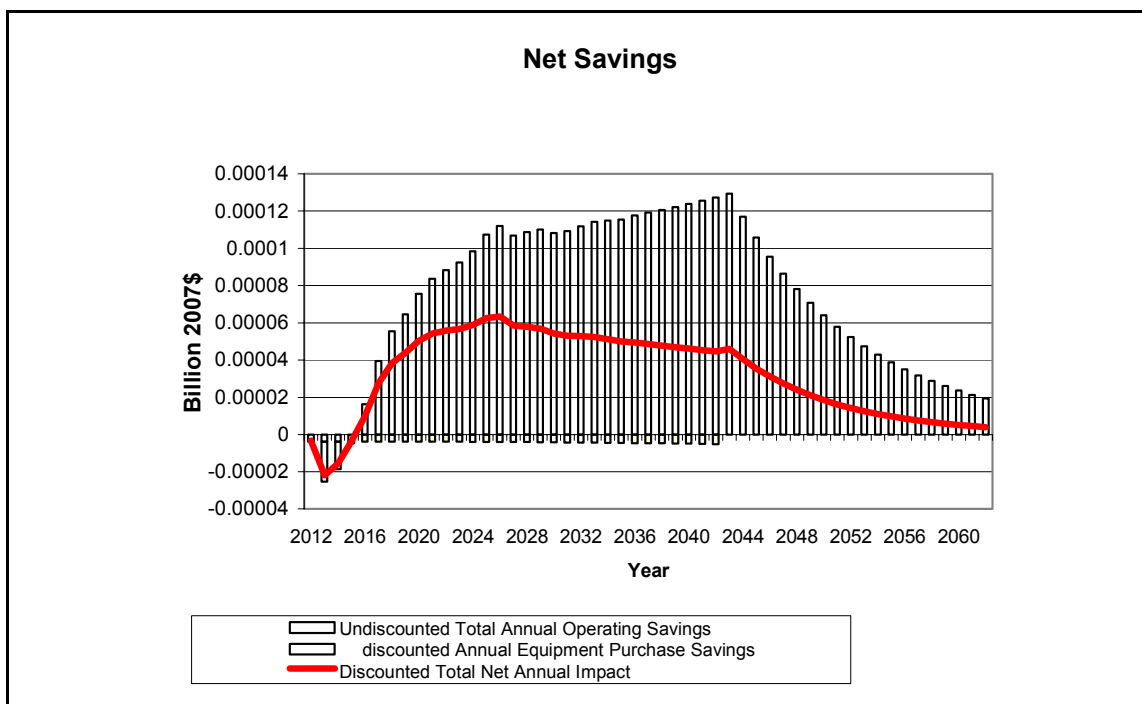


Figure I.8.7 National Annual Costs and Savings for VCS.SC.I, TSL 2

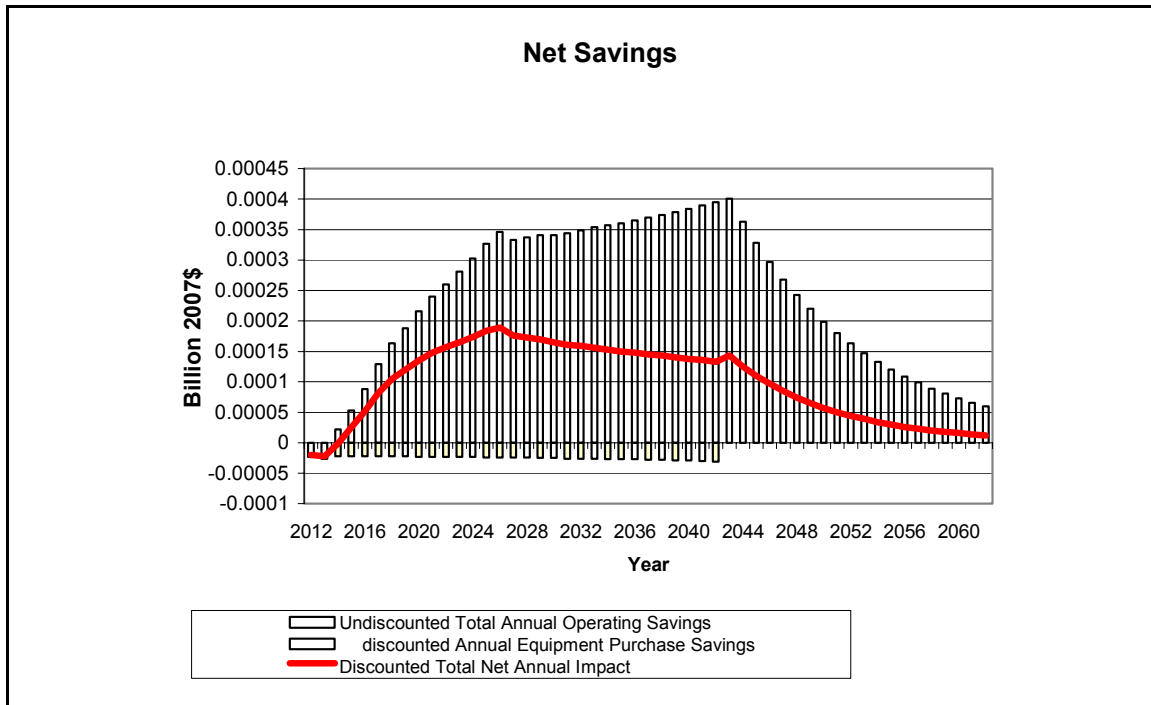


Figure I.8.8 National Annual Costs and Savings for VCS.SC.I, TSL 3

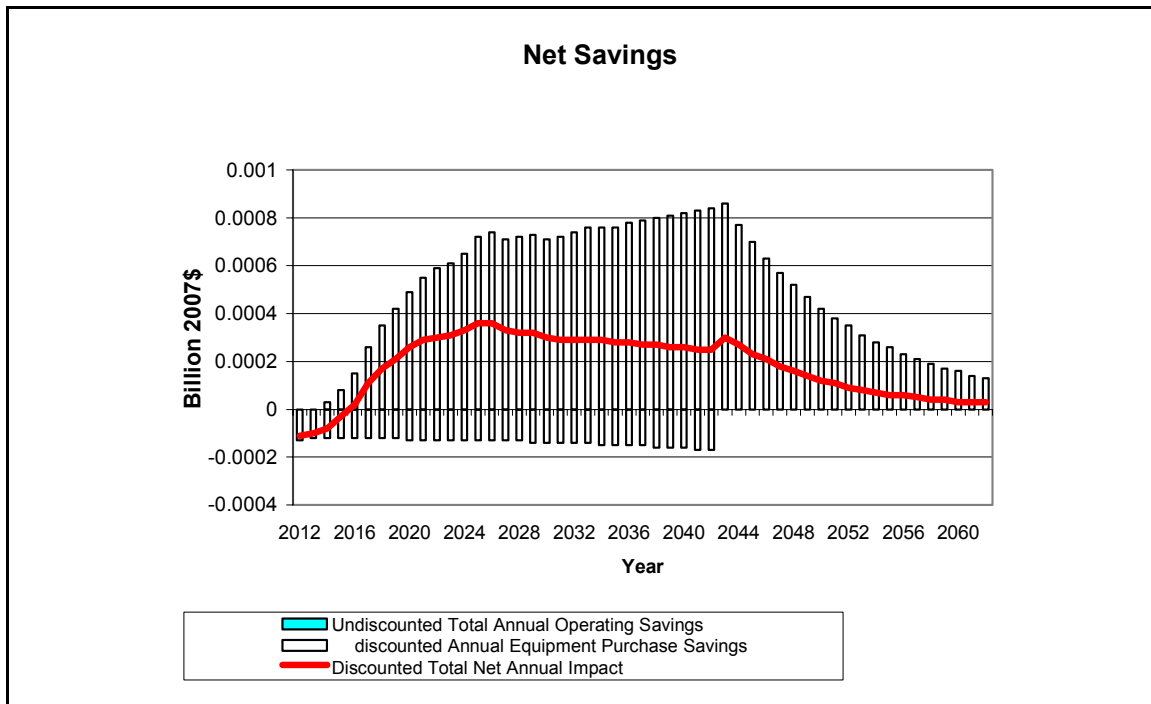


Figure I.8.9 National Annual Costs and Savings for VCS.SC.I, TSL 4

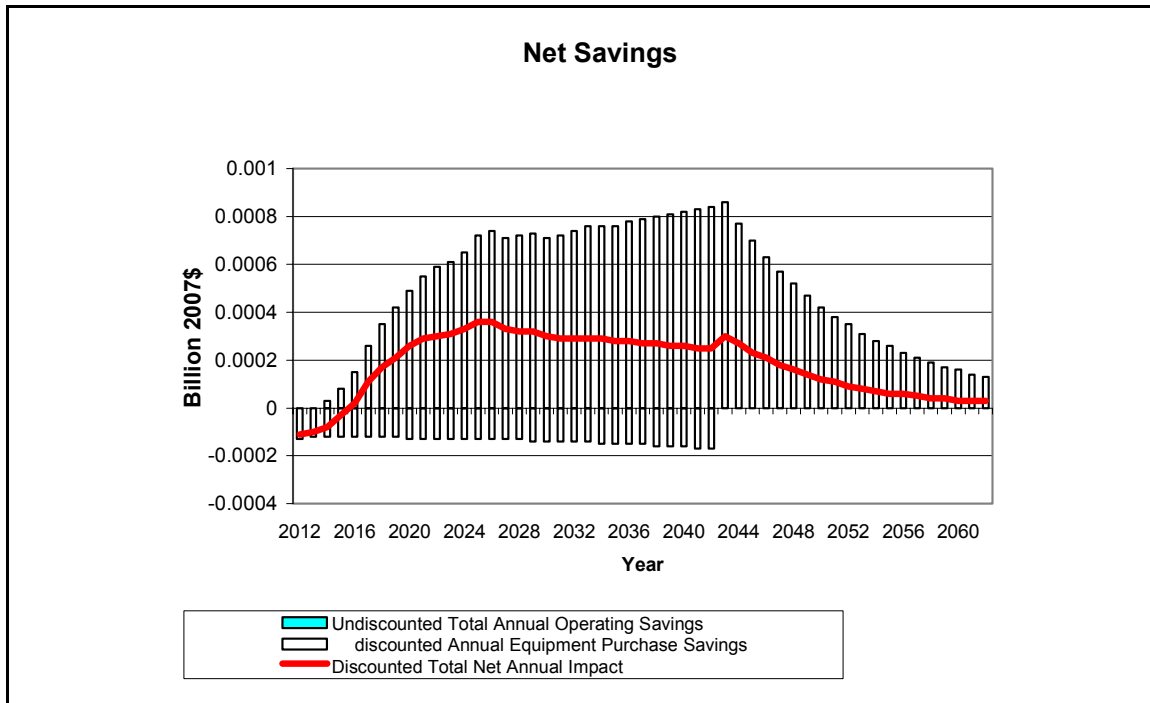


Figure I.8.10 National Annual Costs and Savings for VCS.SC.I, TSL 5

I.9 SEMI-VERTICAL OPEN.REMOTE CONDENSING.MEDIUM (SVO.RC.M)

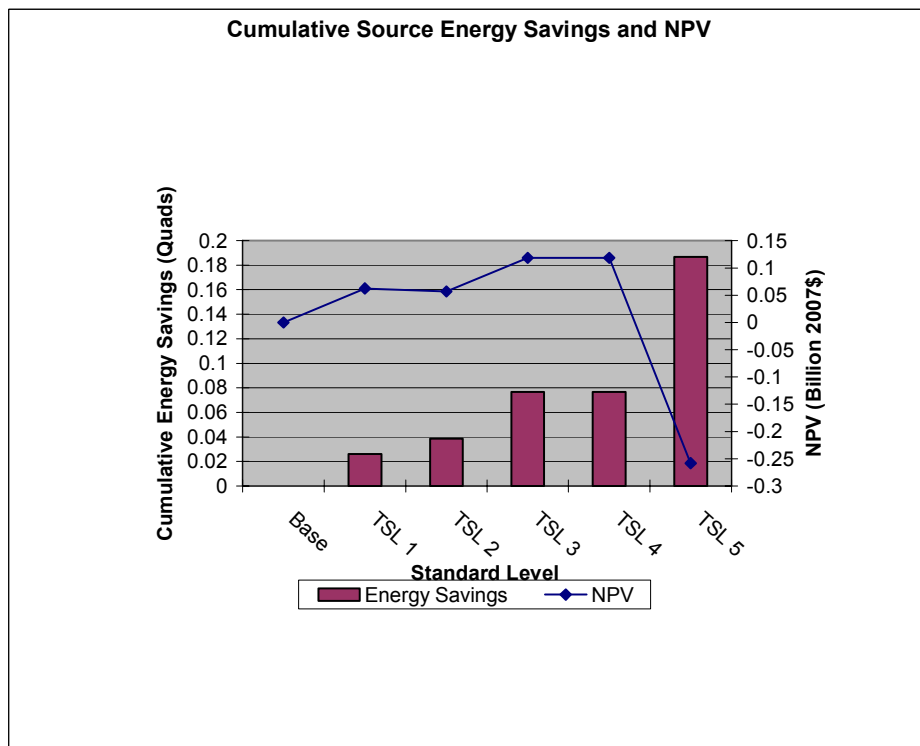


Figure I.9.1 Cumulative NPV Results for SVO.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

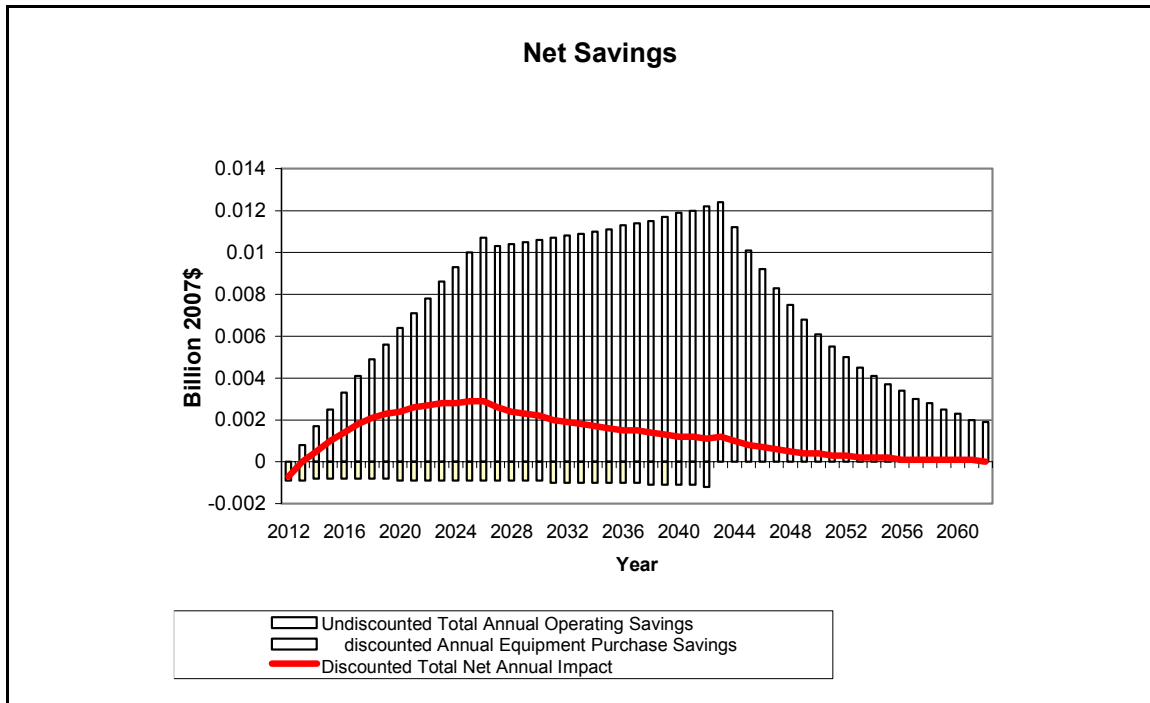


Figure I.9.2 National Annual Costs and Savings for SVO.RC.M, TSL 2

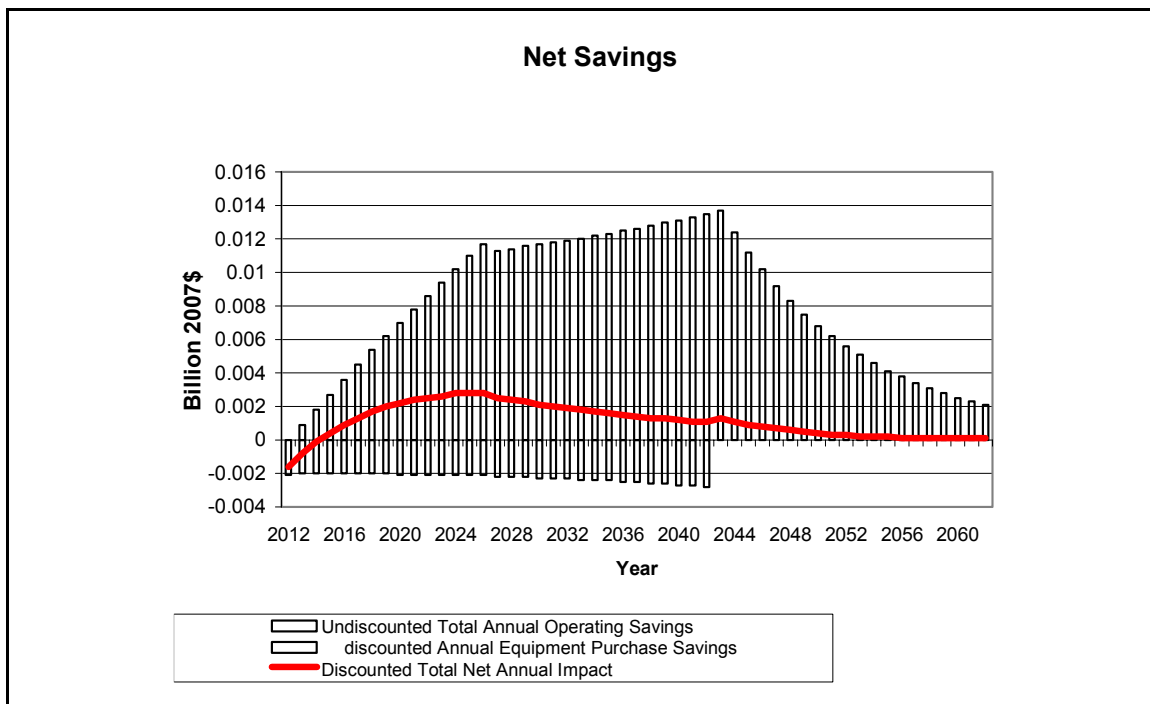


Figure I.9.3 National Annual Costs and Savings for SVO.RC.M, TSL 3

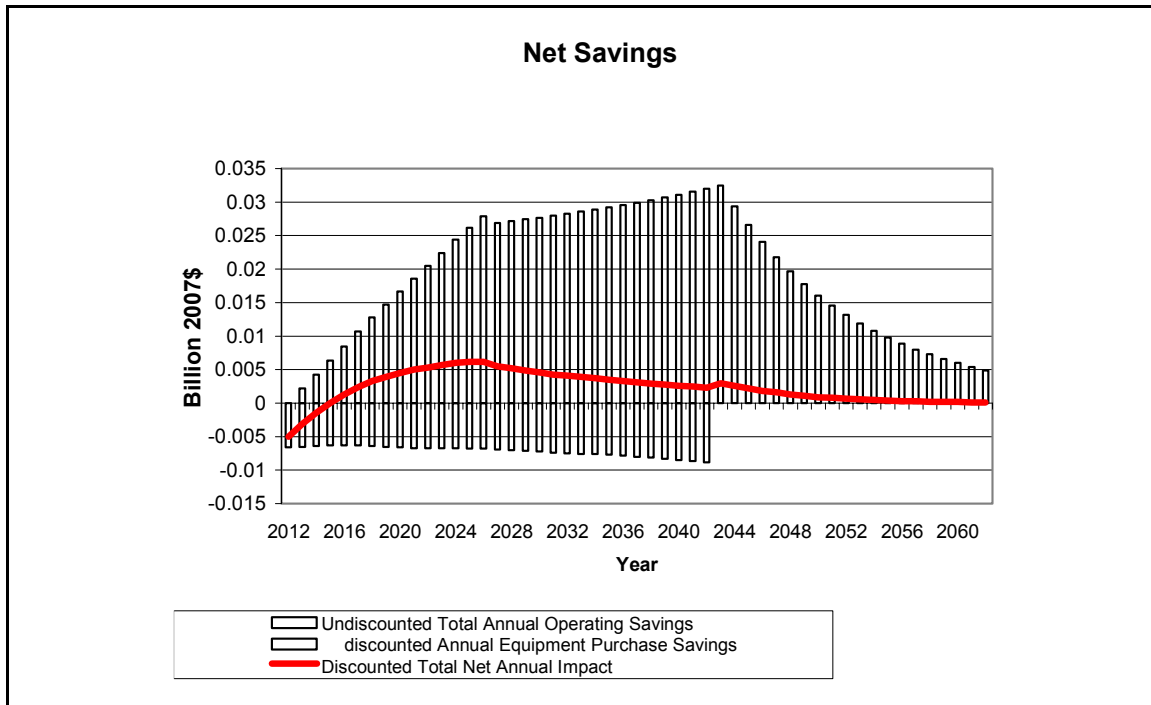


Figure I.9.4 National Annual Costs and Savings for SVO.RC.M, TSL 4

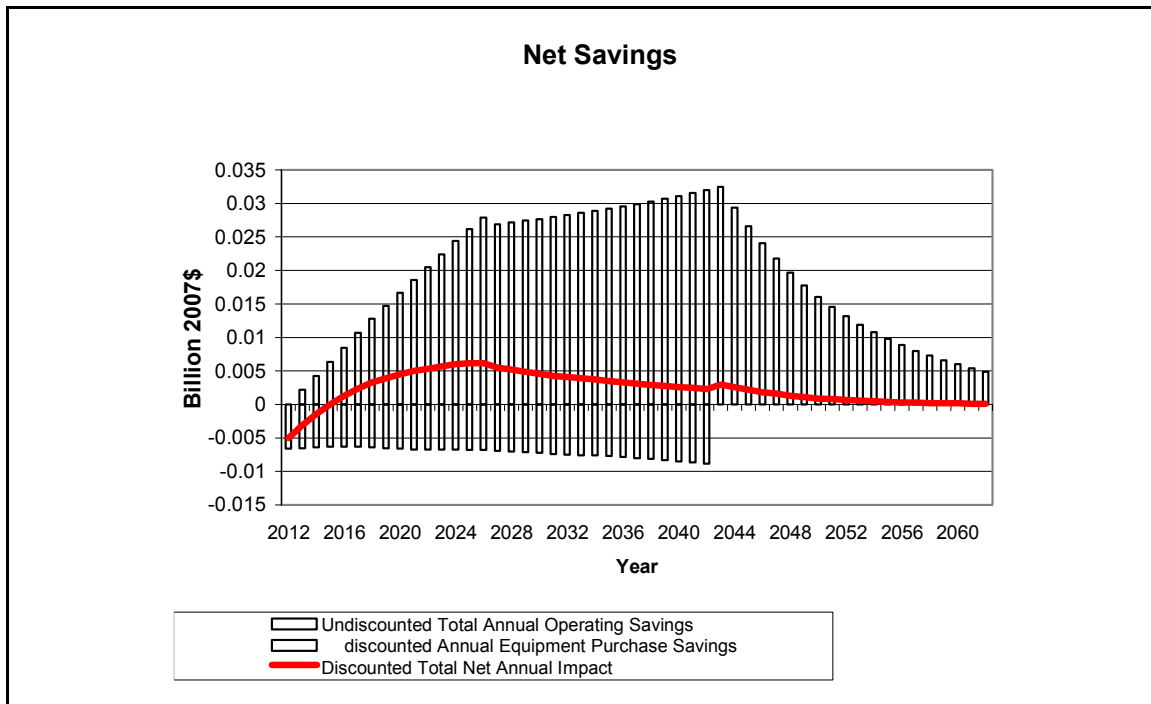


Figure I.9.5 National Annual Costs and Savings for SVO.RC.M, TSL 5

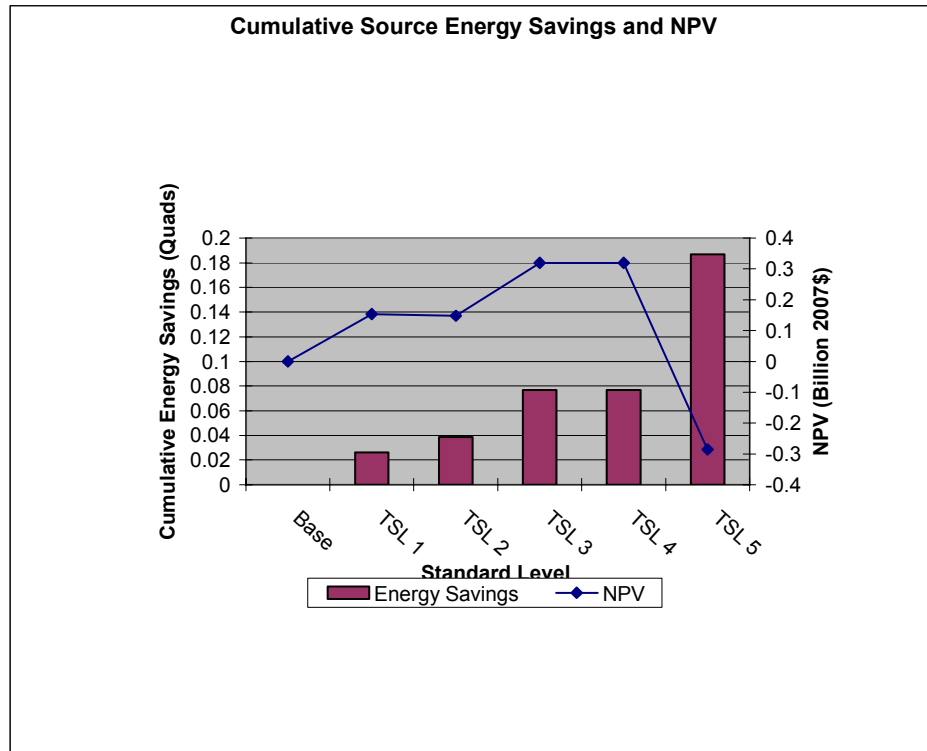


Figure I.9.6 Cumulative NPV Results for SVO.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

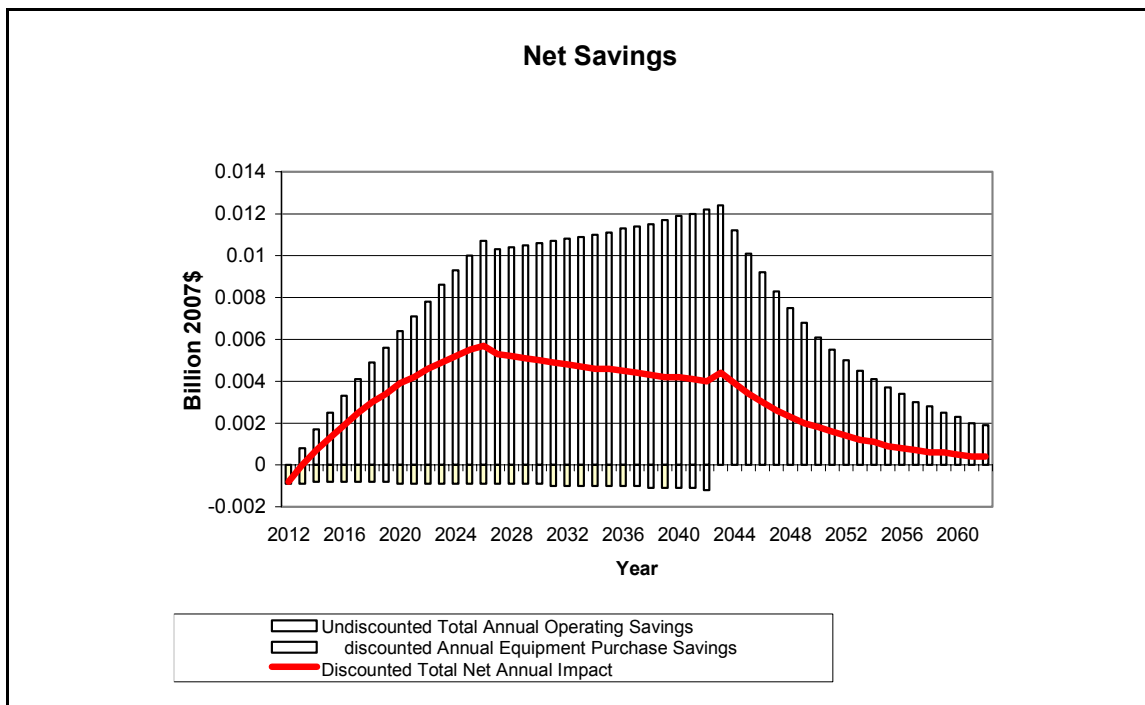


Figure I.9.7 National Annual Costs and Savings for SVO.RC.M, TSL 2

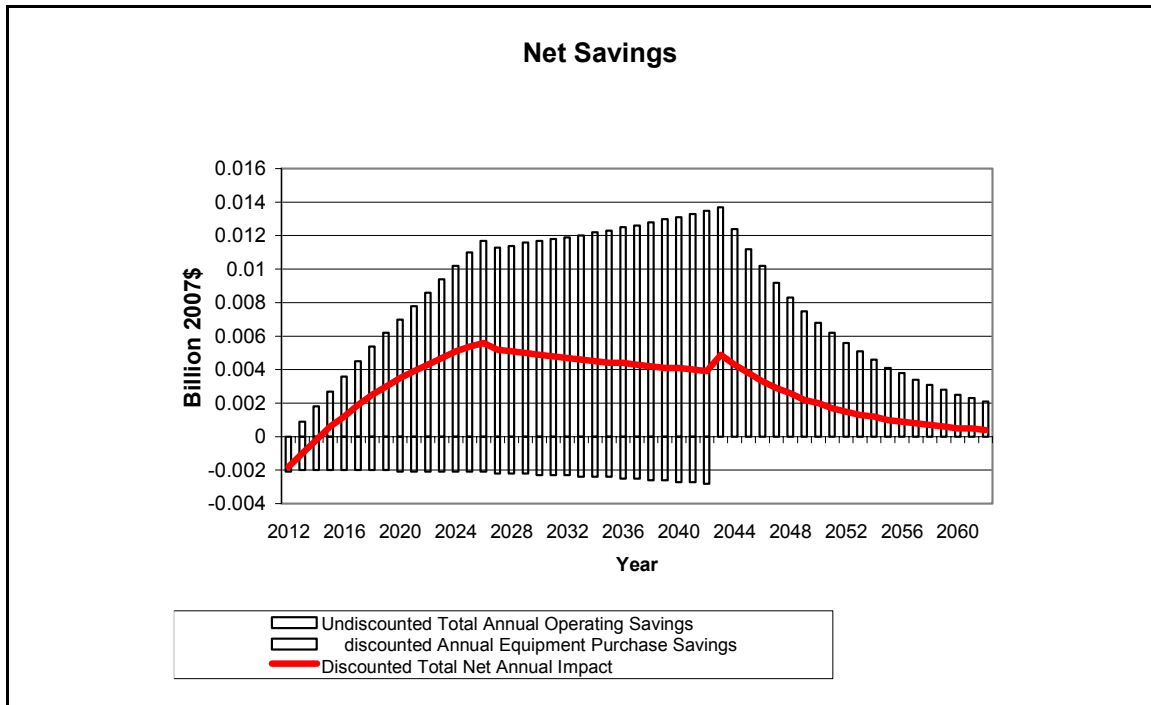


Figure I.9.8 National Annual Costs and Savings for SVO.RC.M, TSL 3

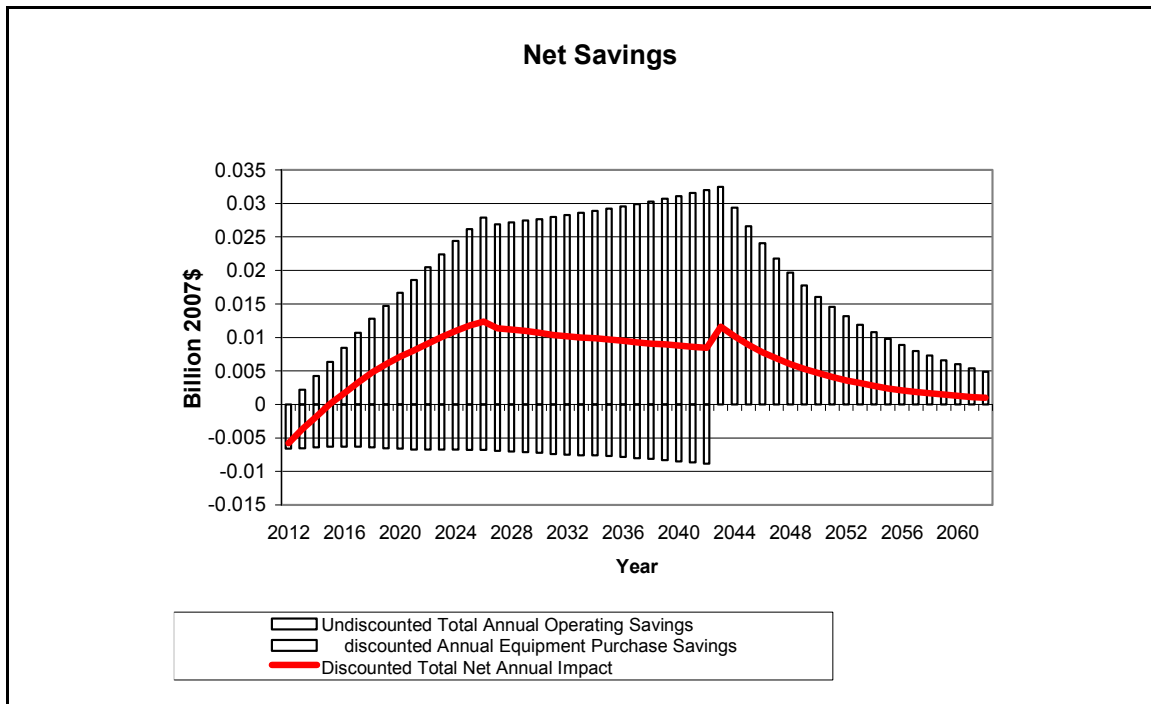


Figure I.9.9 National Annual Costs and Savings for SVO.RC.M, TSL 4

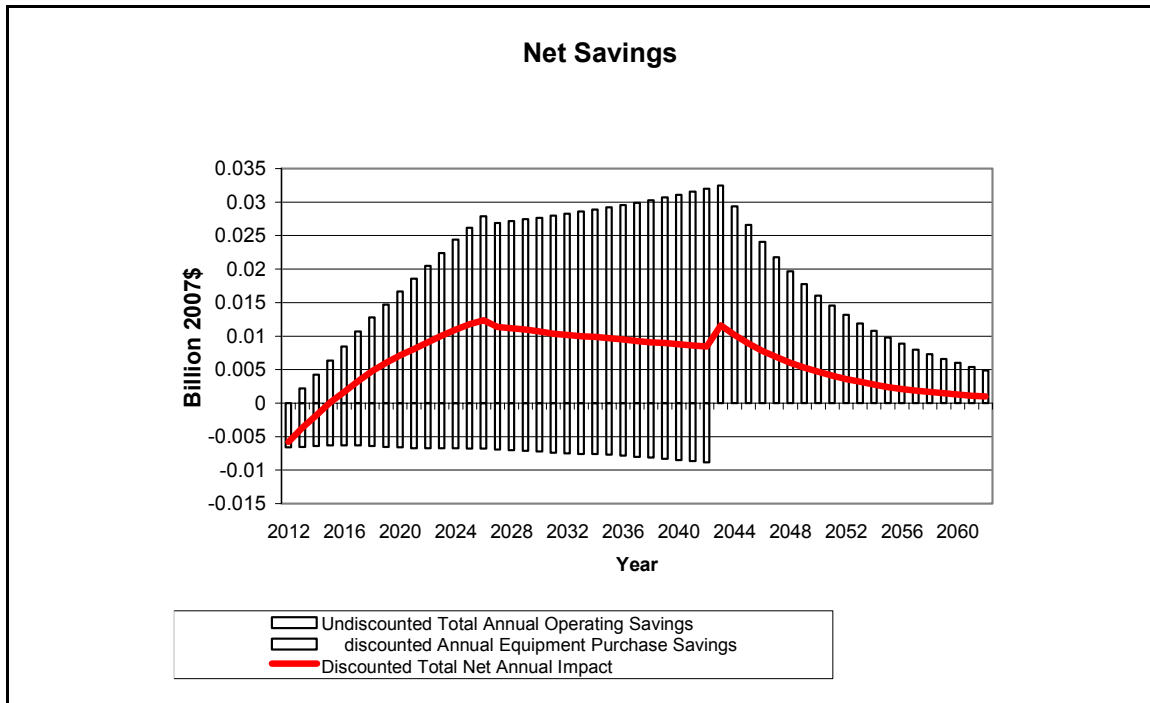


Figure I.9.10 National Annual Costs and Savings for SVO.RC.M, TSL 5

I.10 SEMI-VERTICAL OPEN.SELF CONTAINED.MEDIUM (SVO.SC.M)

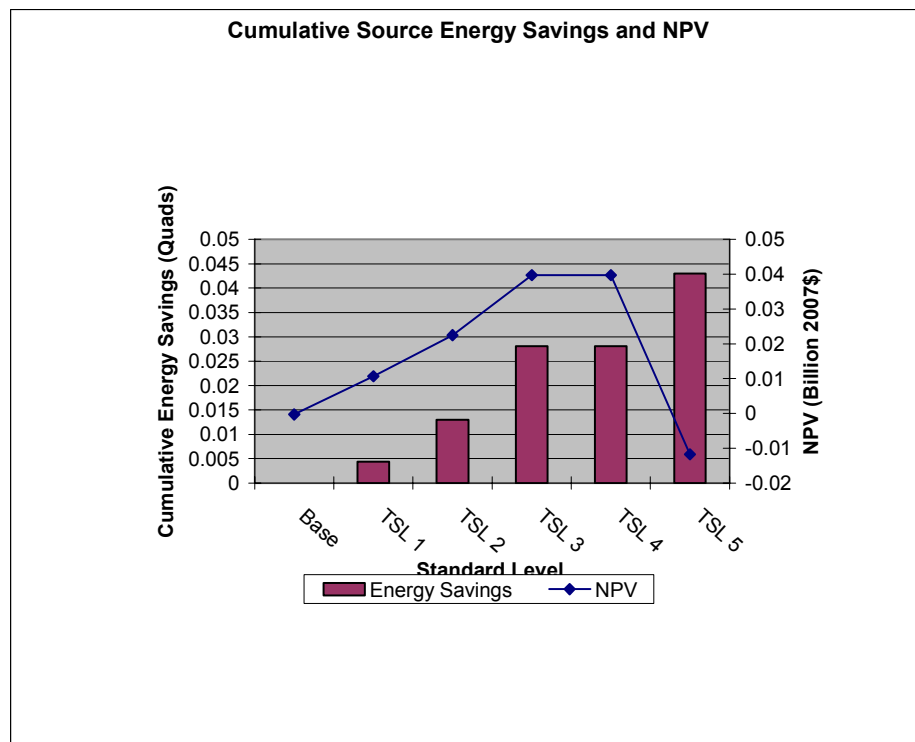


Figure I.10.1 Cumulative NPV Results for SVO.SC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

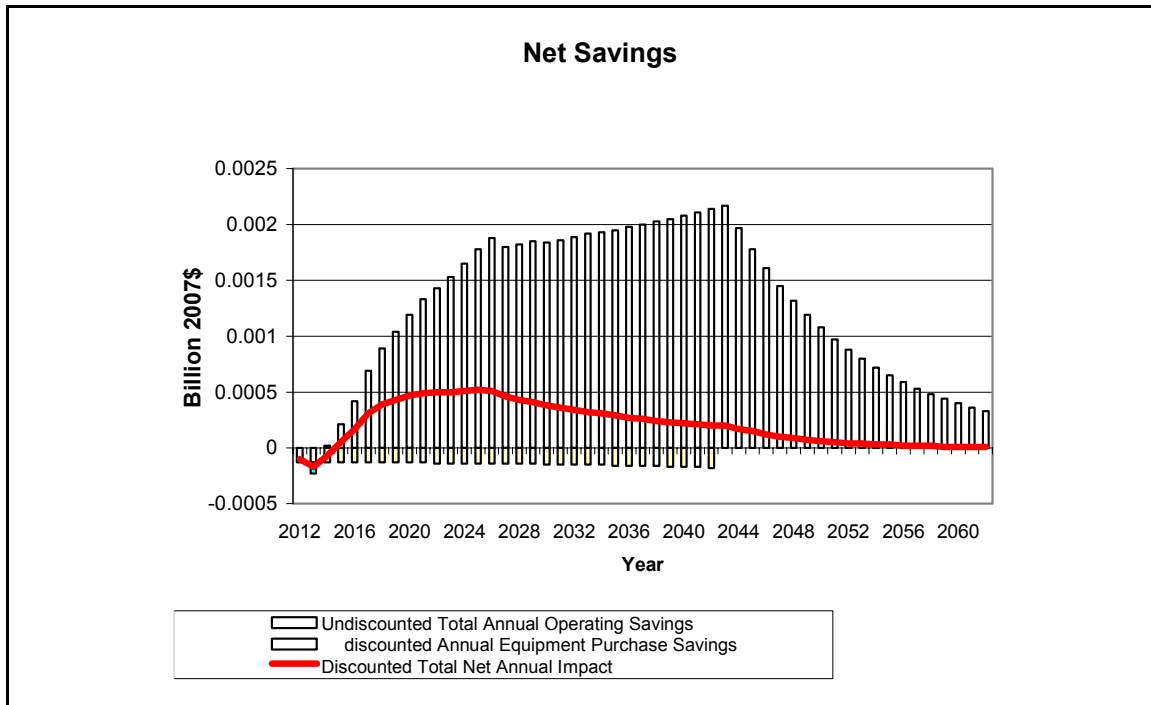


Figure I.10.2 National Annual Costs and Savings for SVO.SC.M, TSL 2

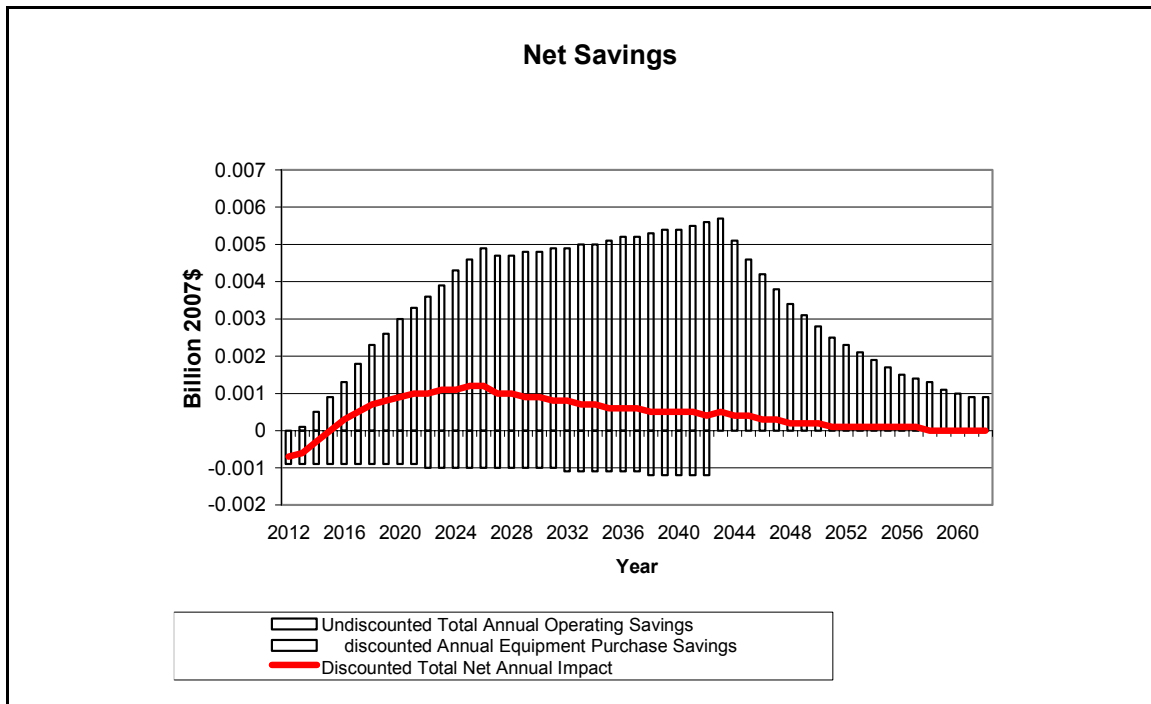


Figure I.10.3 National Annual Costs and Savings for SVO.SC.M, TSL 3

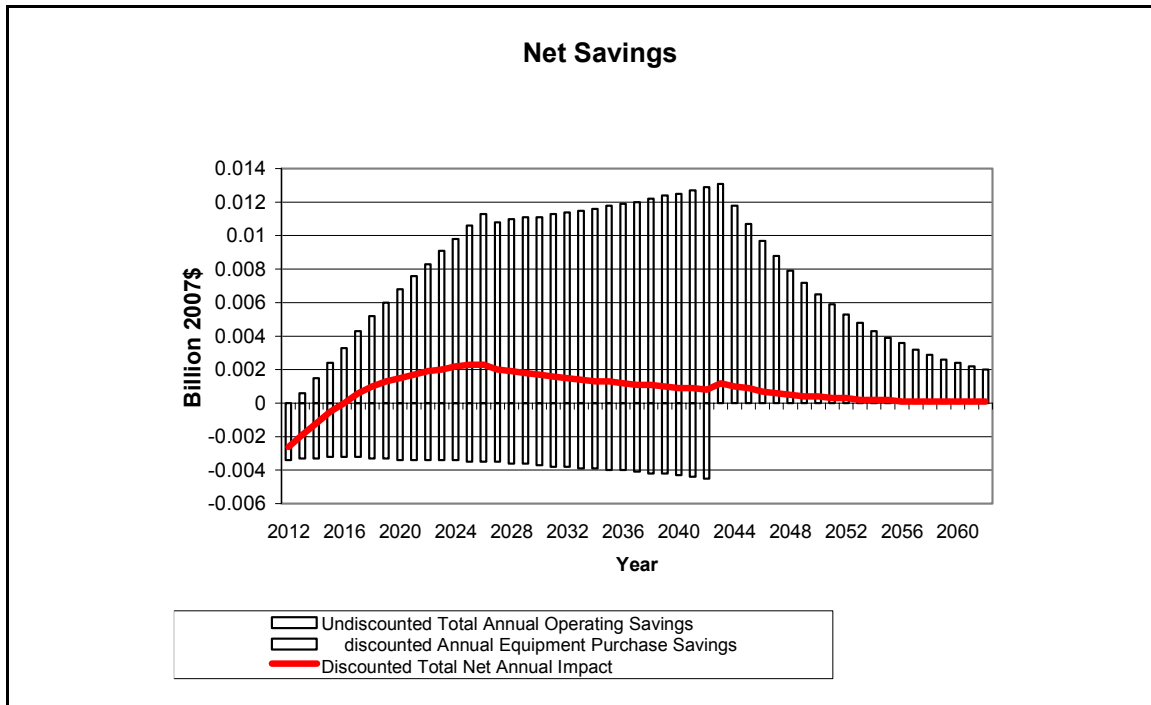


Figure I.10.4 National Annual Costs and Savings for SVO.SC.M, TSL 4

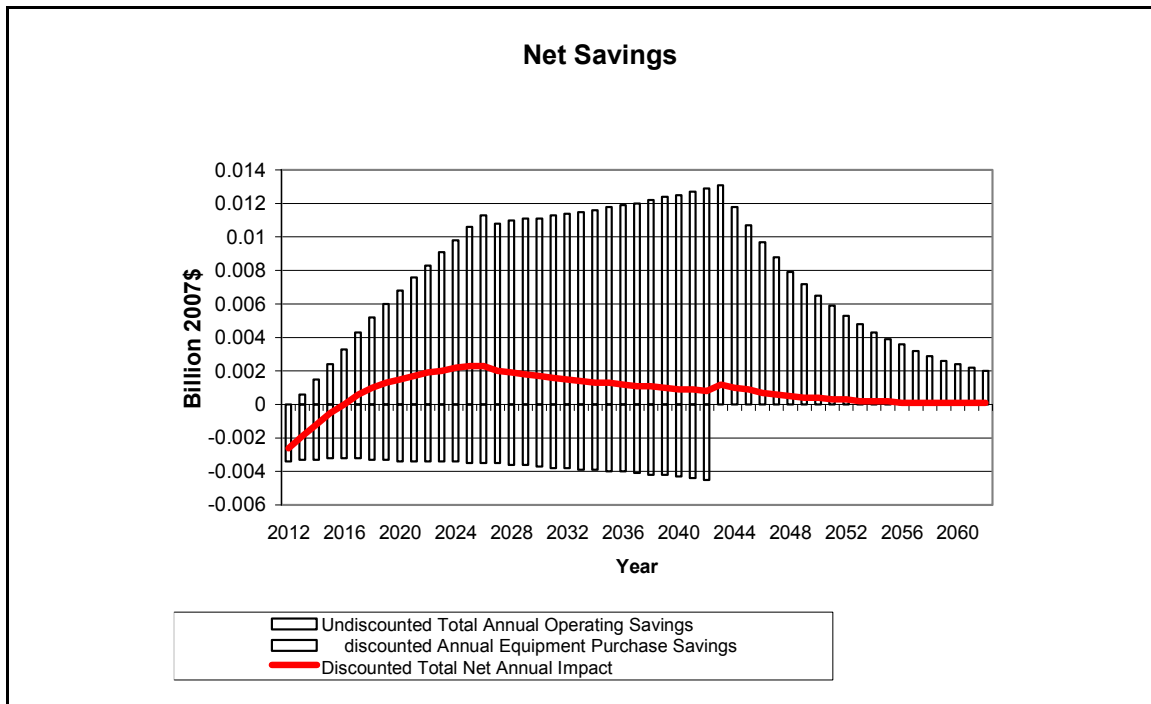


Figure I.10.5 National Annual Costs and Savings for SVO.SC.M, TSL 5

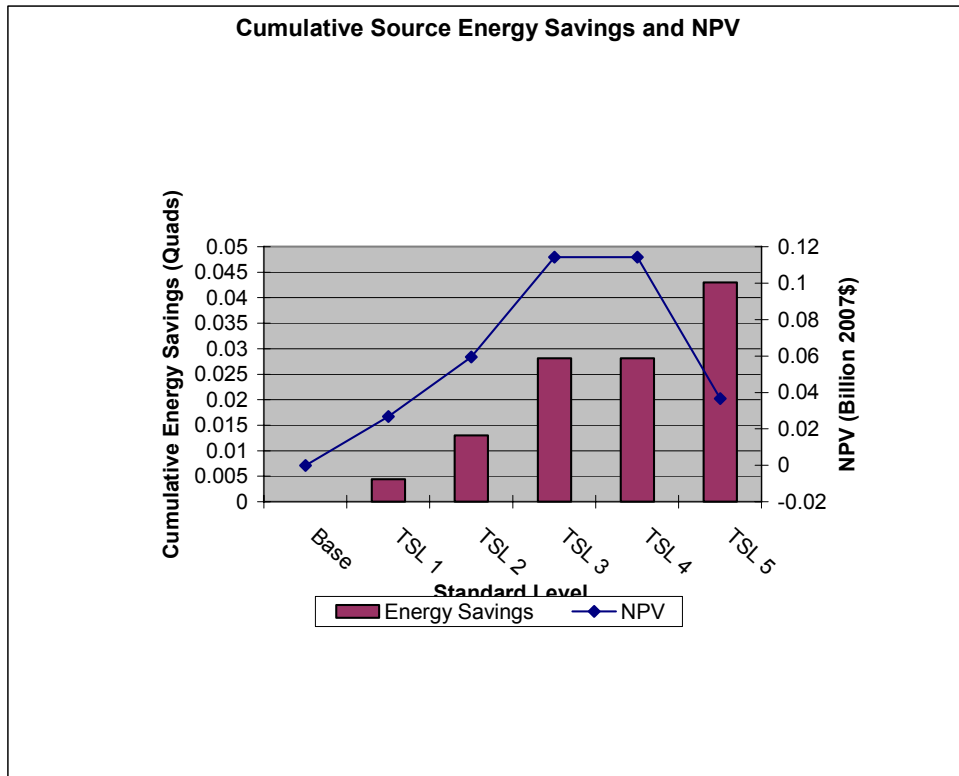


Figure I.10.6 Cumulative NPV Results for SVO.SC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

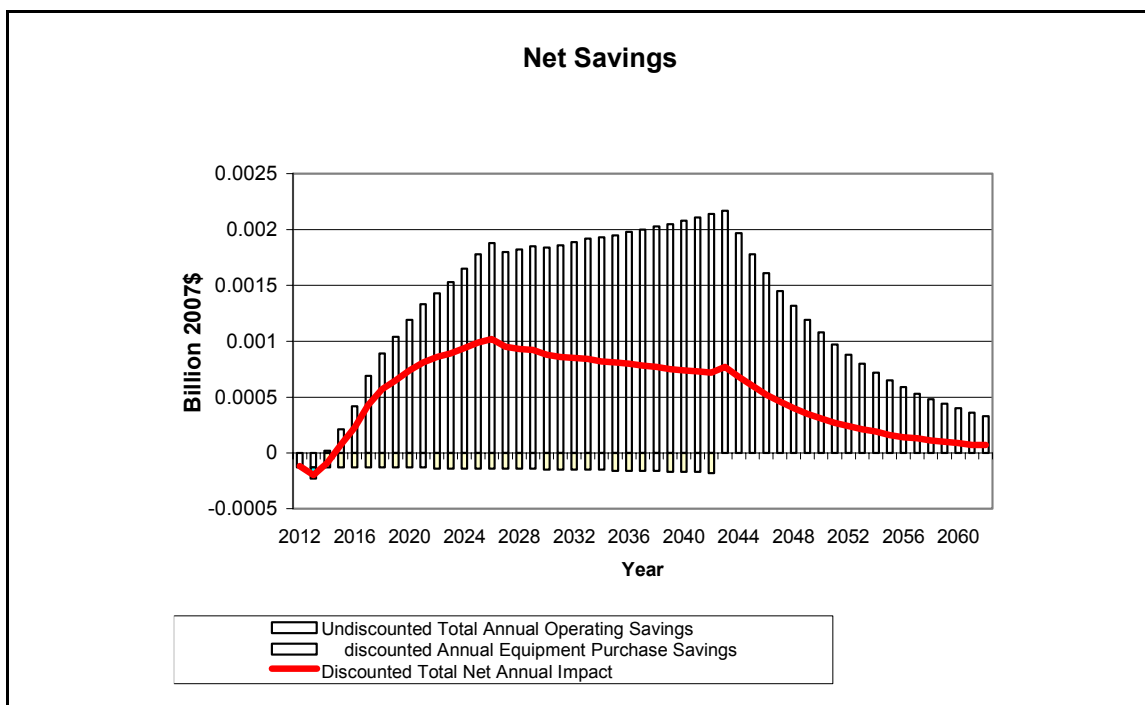


Figure I.10.7 National Annual Costs and Savings for SVO.SC.M, TSL 2

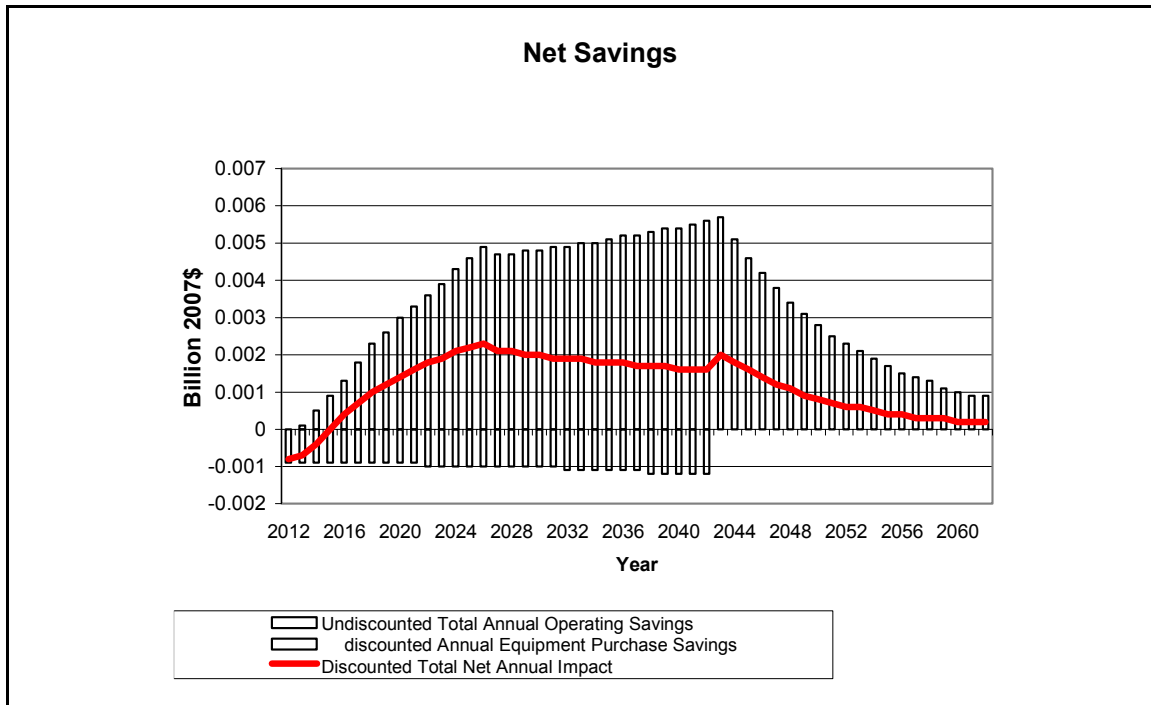


Figure I.10.8 National Annual Costs and Savings for SVO.SC.M, TSL 3

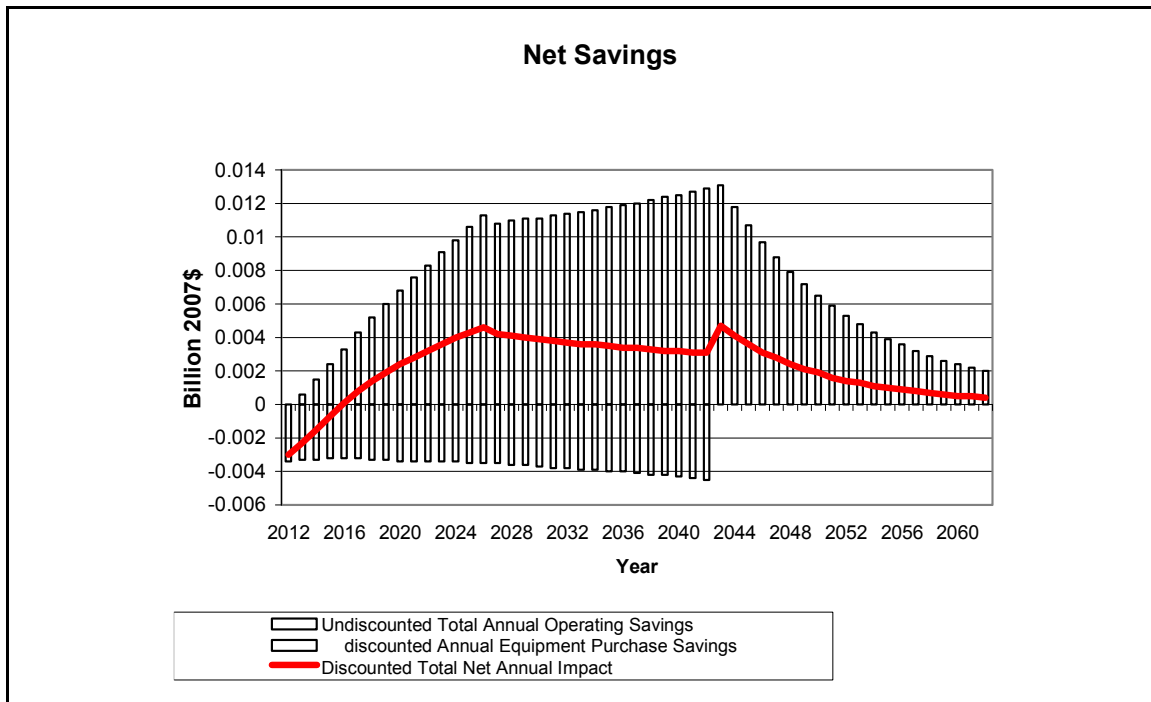


Figure I.10.9 National Annual Costs and Savings for SVO.SC.M, TSL 4

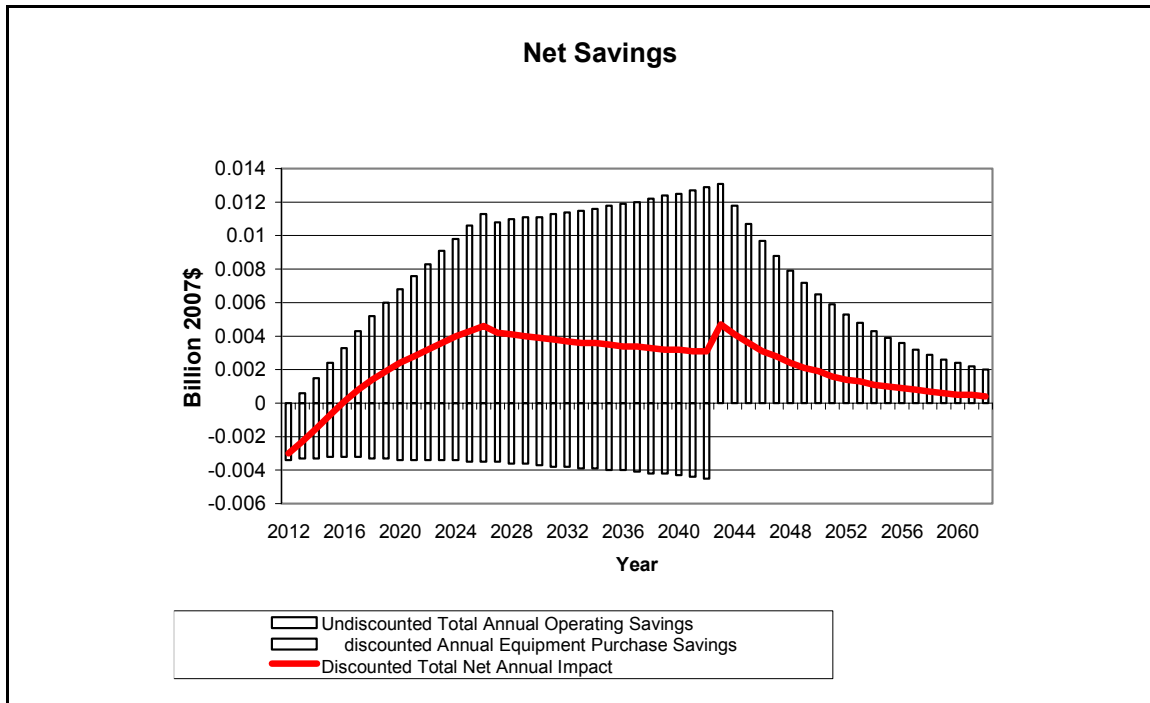


Figure I.10.10 National Annual Costs and Savings for SVO.SC.M, TSL 5

I.11 SERVICE OVER COUNTER.REMOTE CONDENSING.MEDIUM (SOC.RC.M)

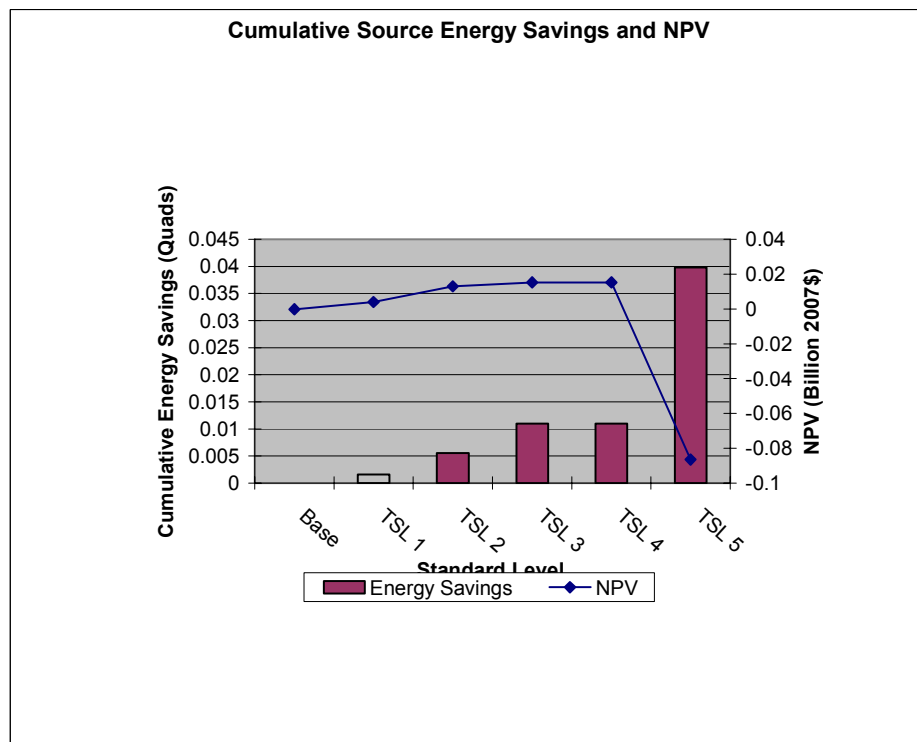


Figure I.11.1 Cumulative NPV Results for SOC.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

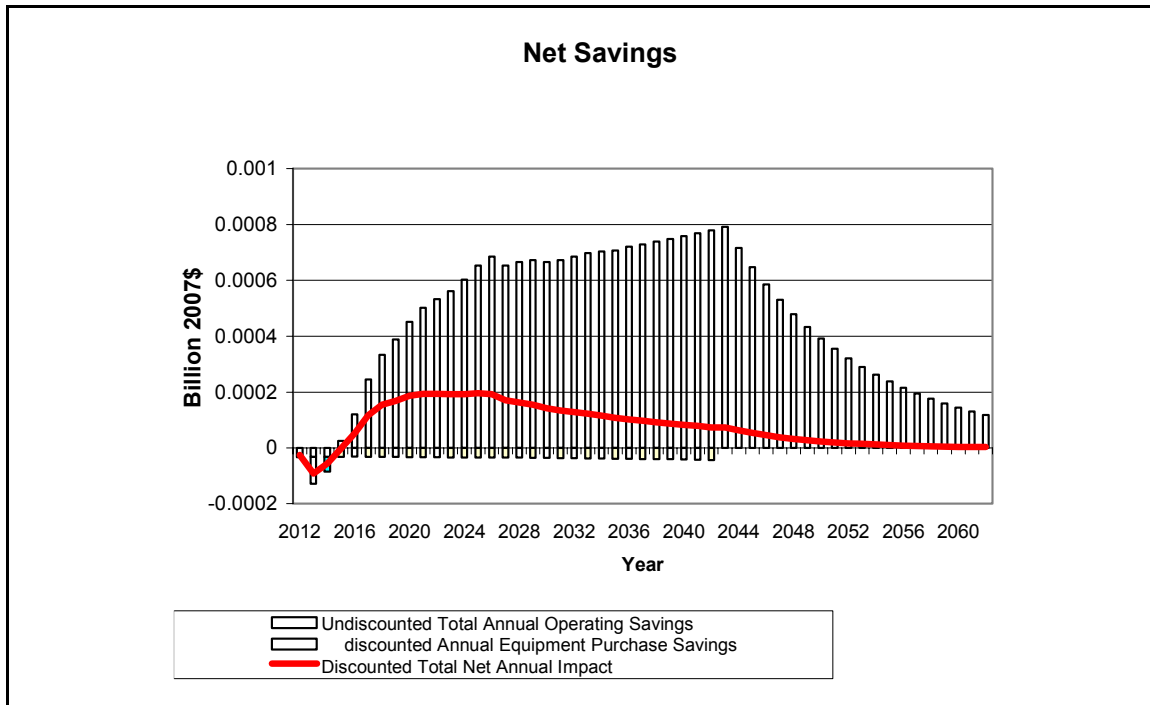


Figure I.11.2 National Annual Costs and Savings for SOC.RC.M, TSL 2

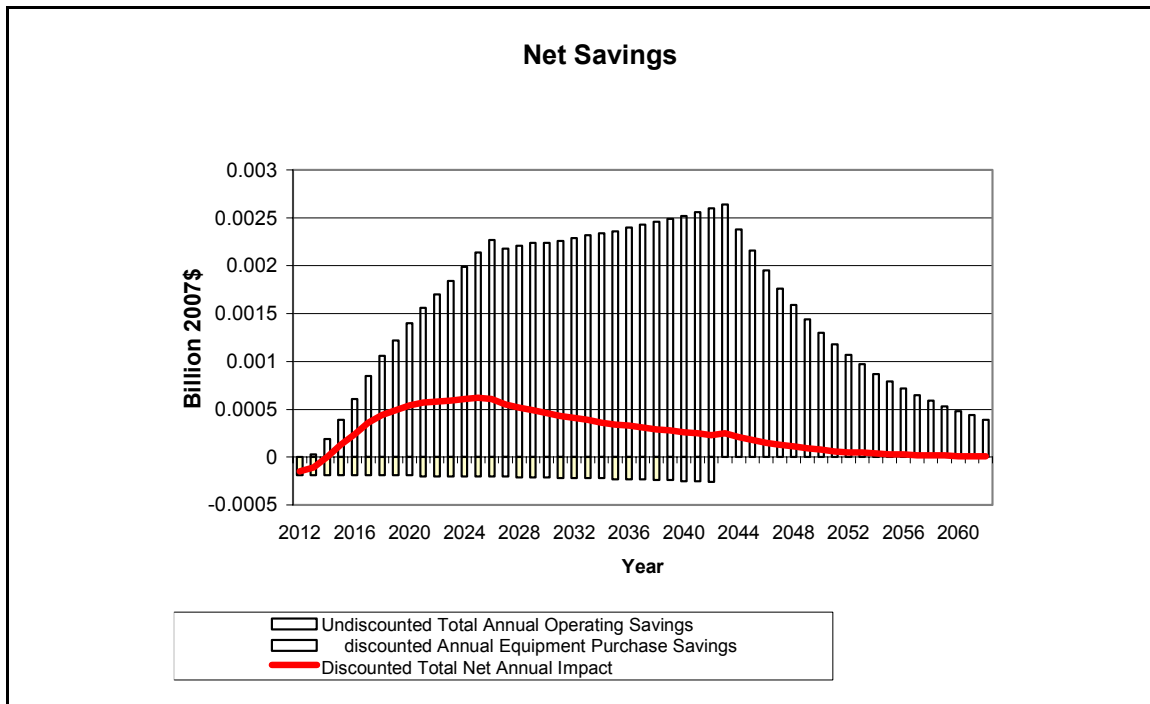


Figure I.11.3 National Annual Costs and Savings for SOC.RC.M, TSL 3

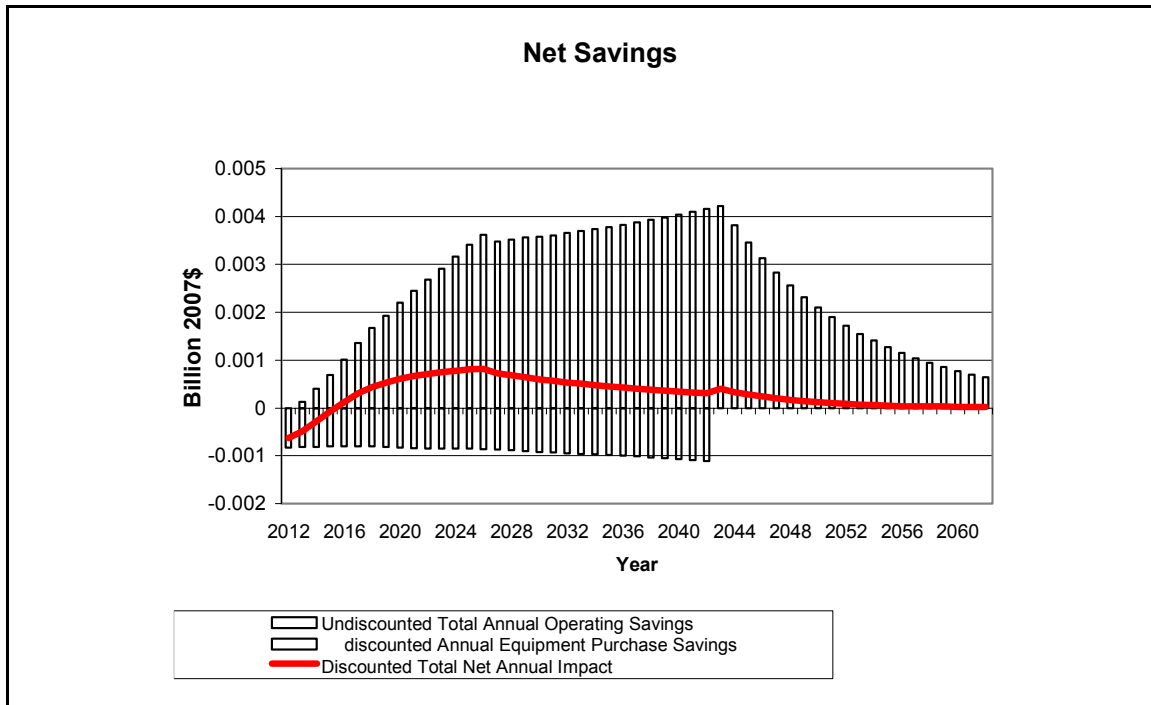


Figure I.11.4 National Annual Costs and Savings for SOC.RC.M, TSL 4

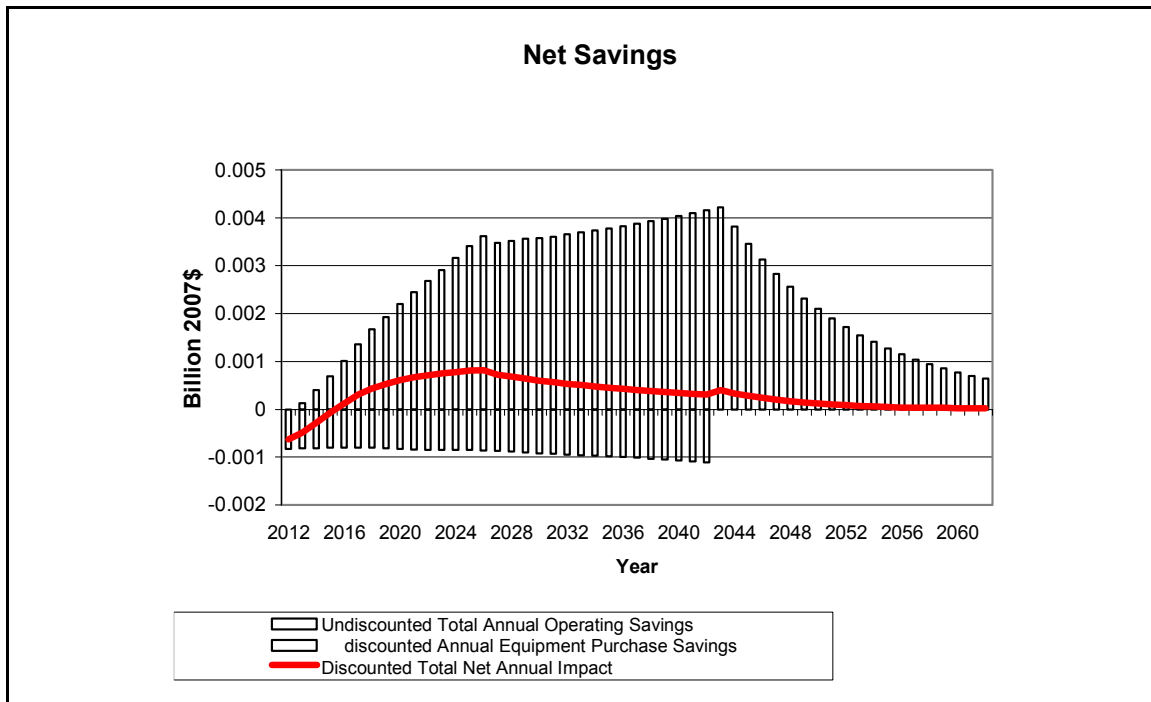


Figure I.11.5 National Annual Costs and Savings for SOC.RC.M, TSL 5

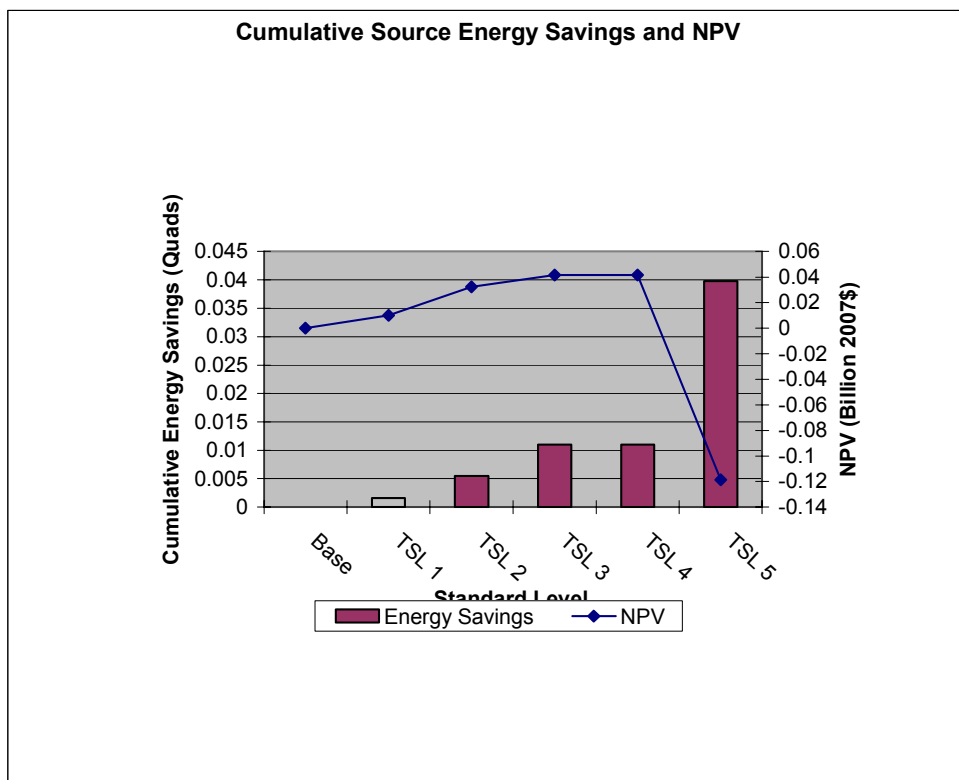


Figure I.11.6 Cumulative NPV Results for SOC.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

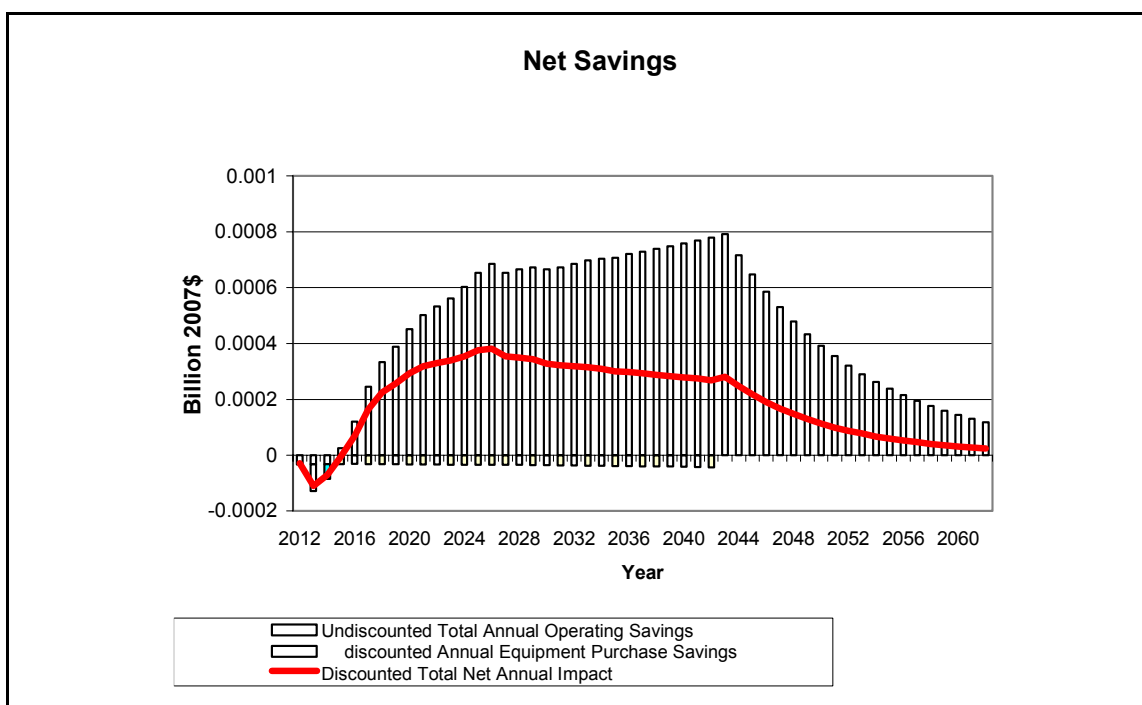


Figure I.11.7 National Annual Costs and Savings for SOC.RC.M, TSL 2

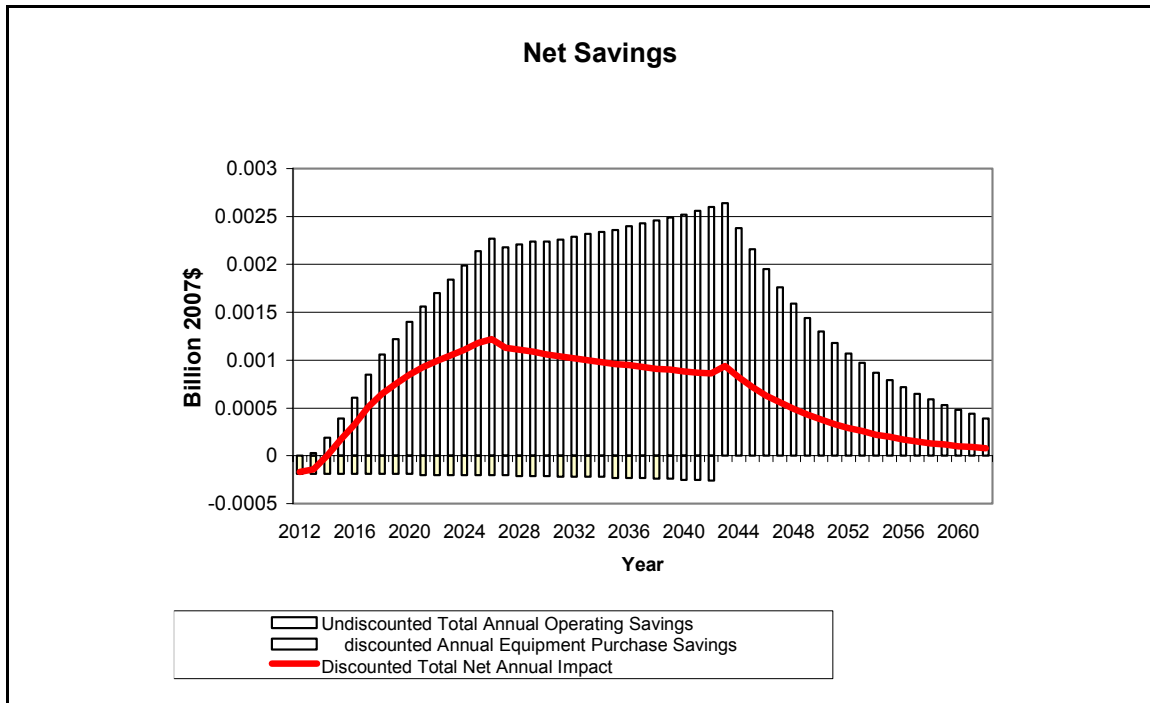


Figure I.11.8 National Annual Costs and Savings for SOC.RC.M, TSL 3

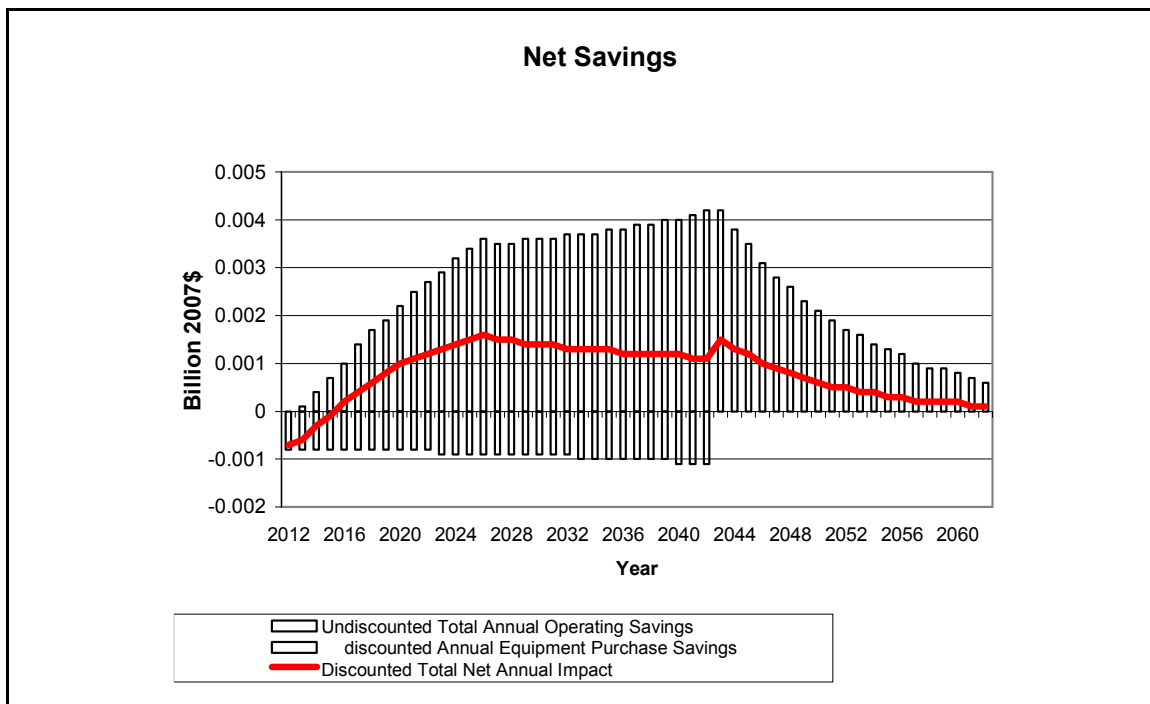


Figure I.11.9 National Annual Costs and Savings for SOC.RC.M, TSL 4

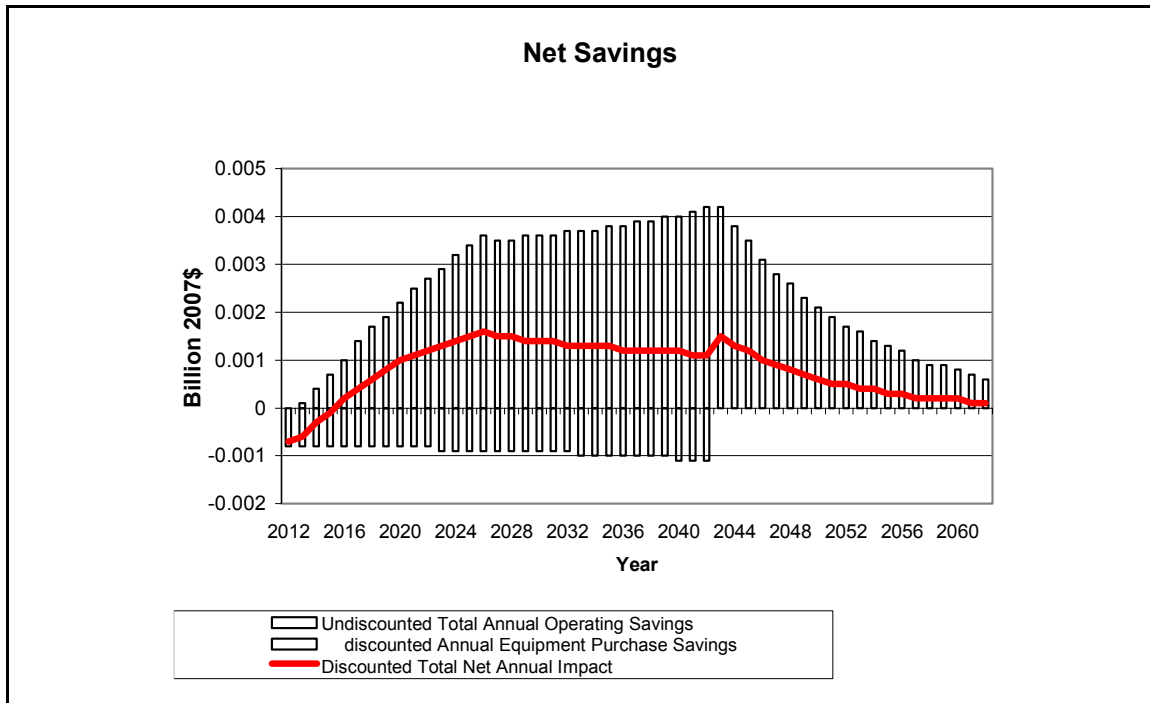


Figure I.11.10 National Annual Costs and Savings for SOC.RC.M, TSL 5

I.12 HORIZONTAL OPEN.REMOTE CONDENSING.MEDIUM (HZO.RC.M)

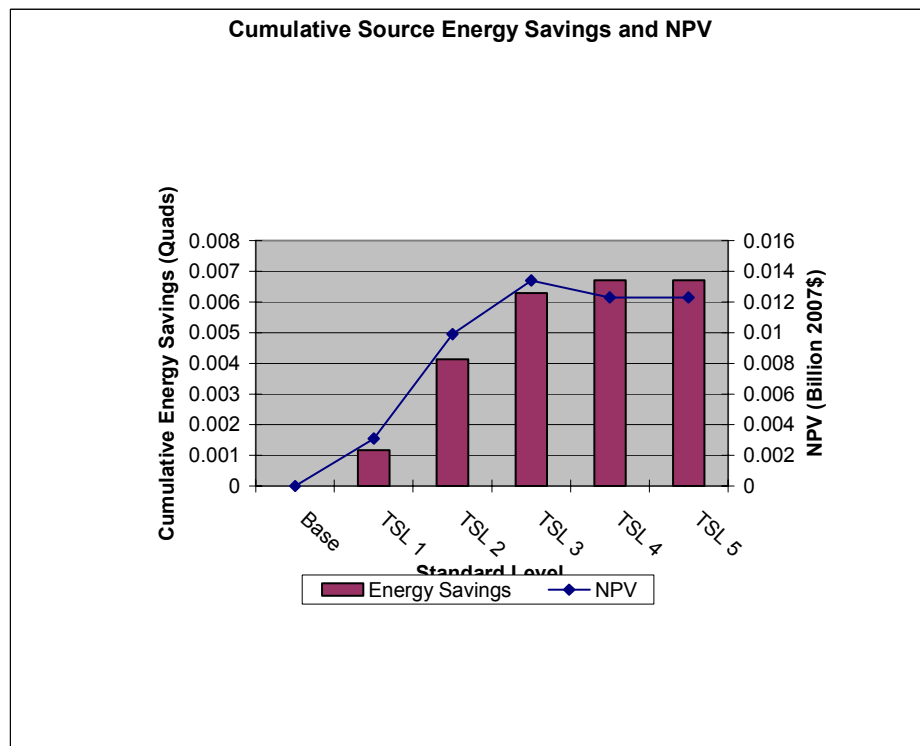


Figure I.12.1 Cumulative NPV Results for HZO.RC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

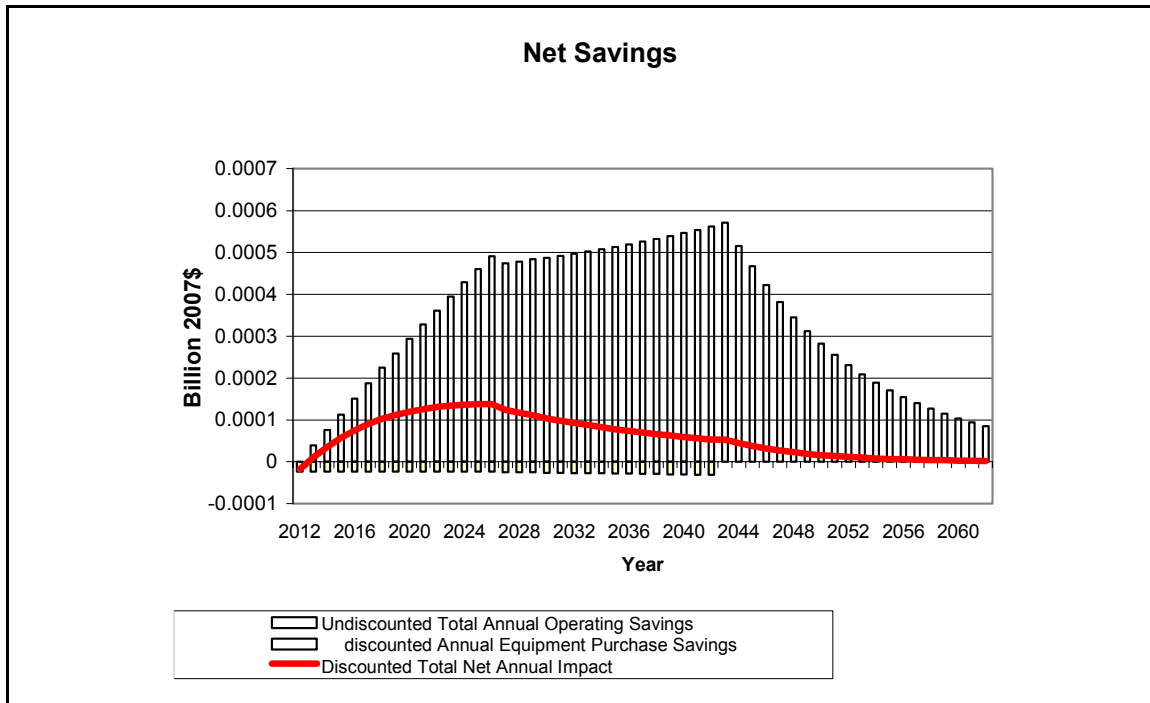


Figure I.12.2 National Annual Costs and Savings for HZO.RC.M, TSL 2

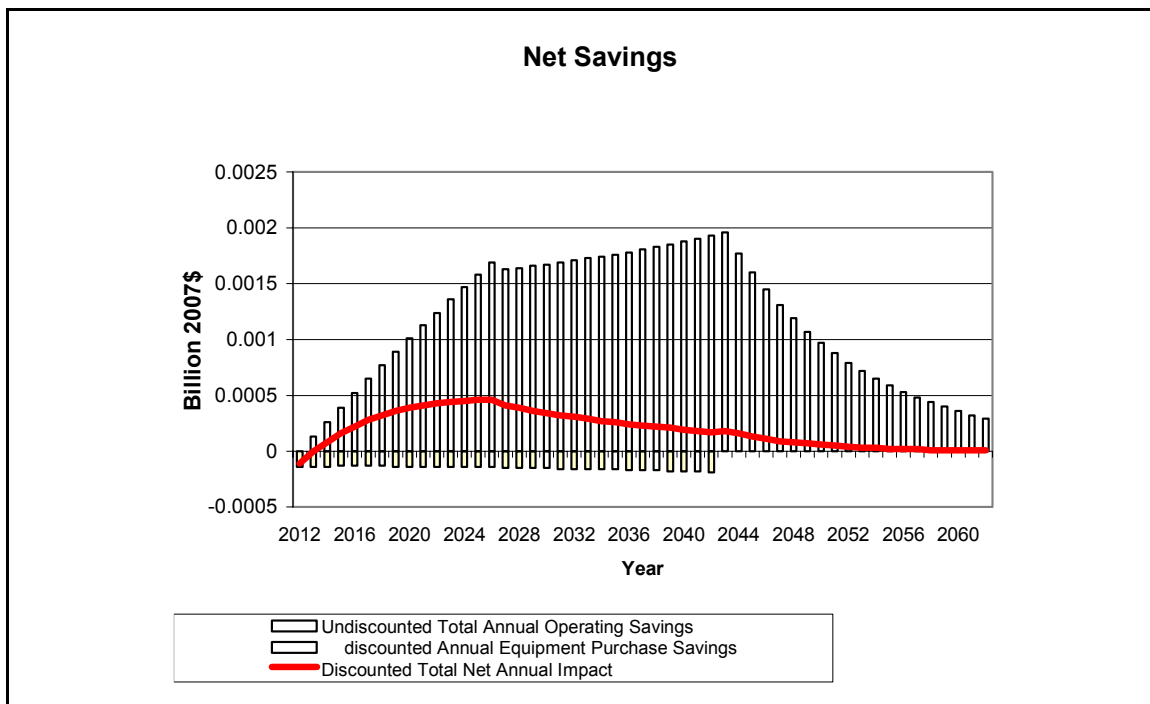


Figure I.12.3 National Annual Costs and Savings for HZO.RC.M, TSL 3

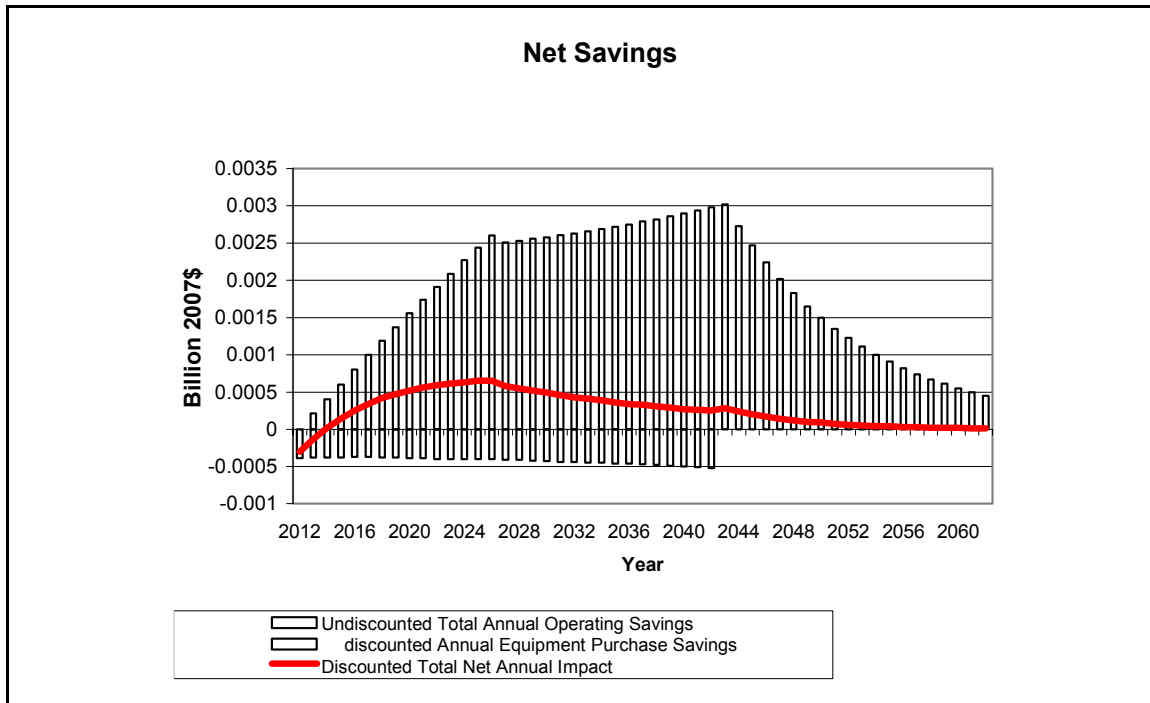


Figure I.12.4 National Annual Costs and Savings for HZO.RC.M, TSL 4

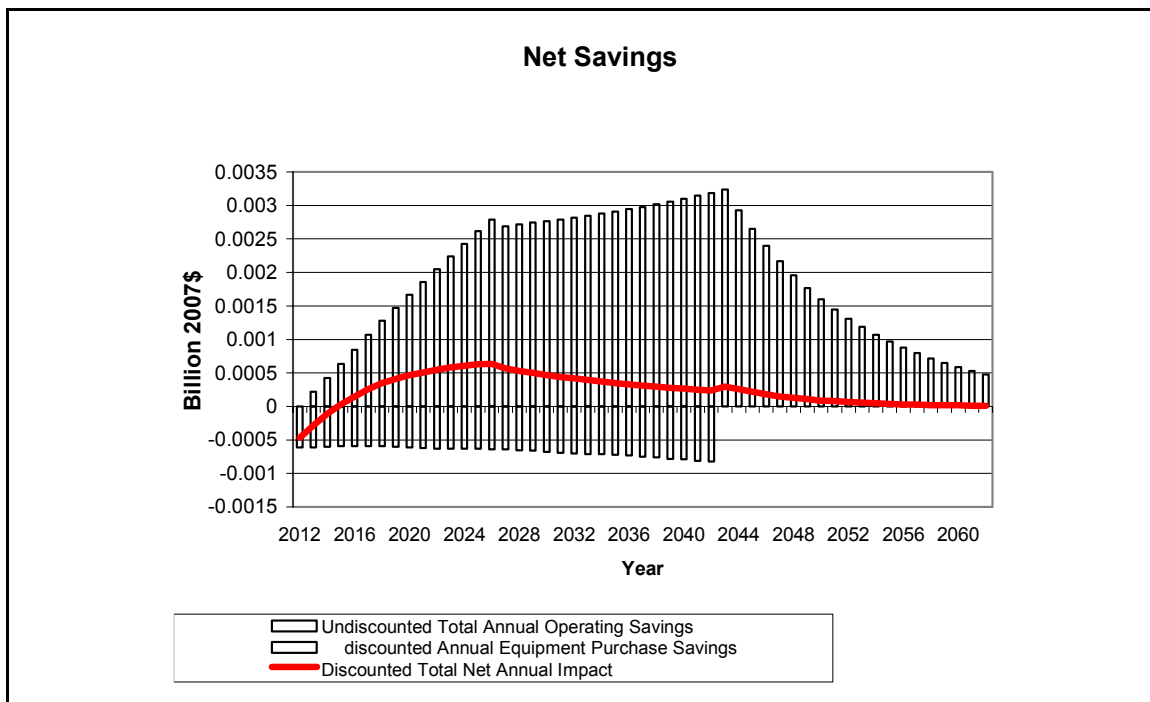


Figure I.12.5 National Annual Costs and Savings for HZO.RC.M, TSL 5

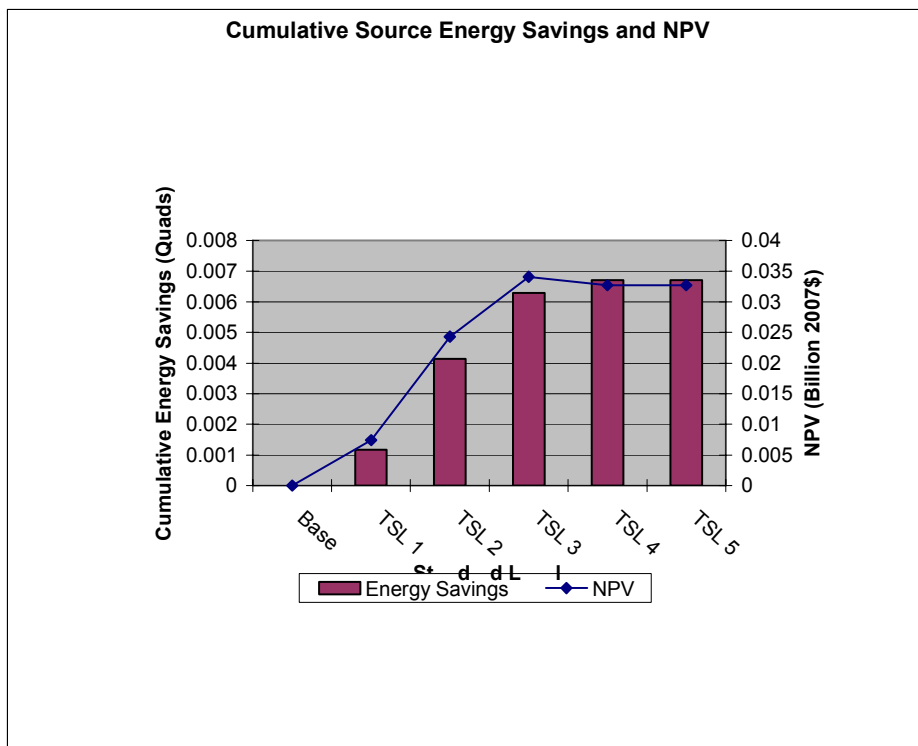


Figure I.12.6 Cumulative NPV Results for HZO.RC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

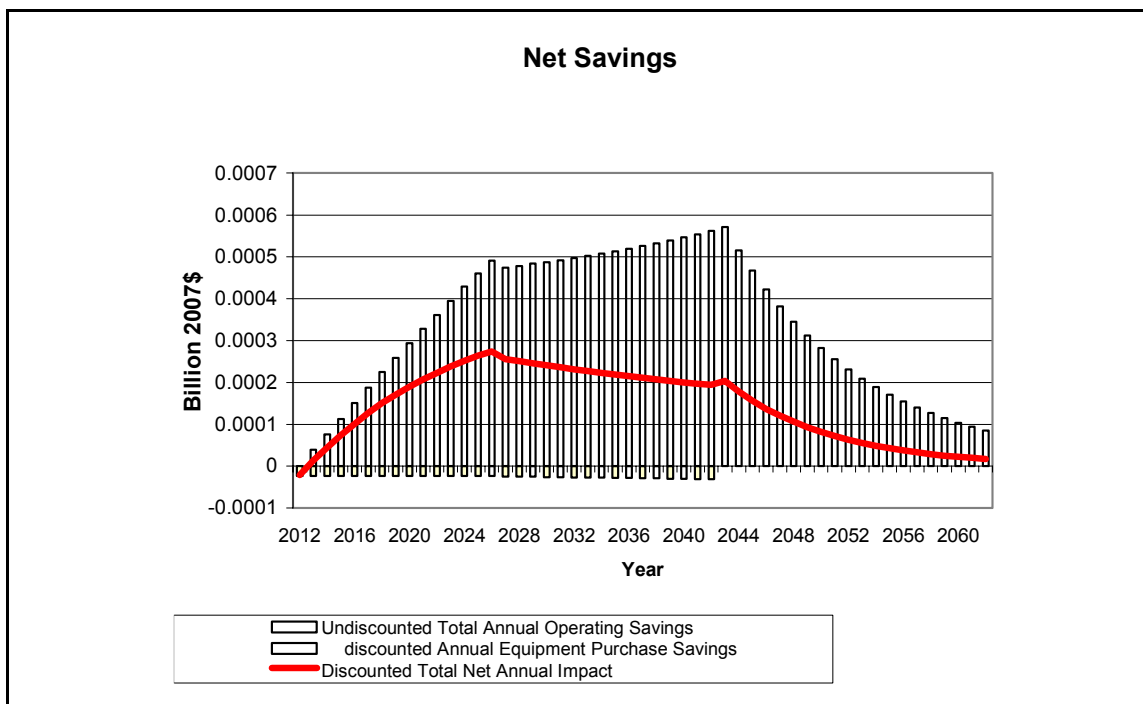


Figure I.12.7 National Annual Costs and Savings for HZO.RC.M, TSL 2

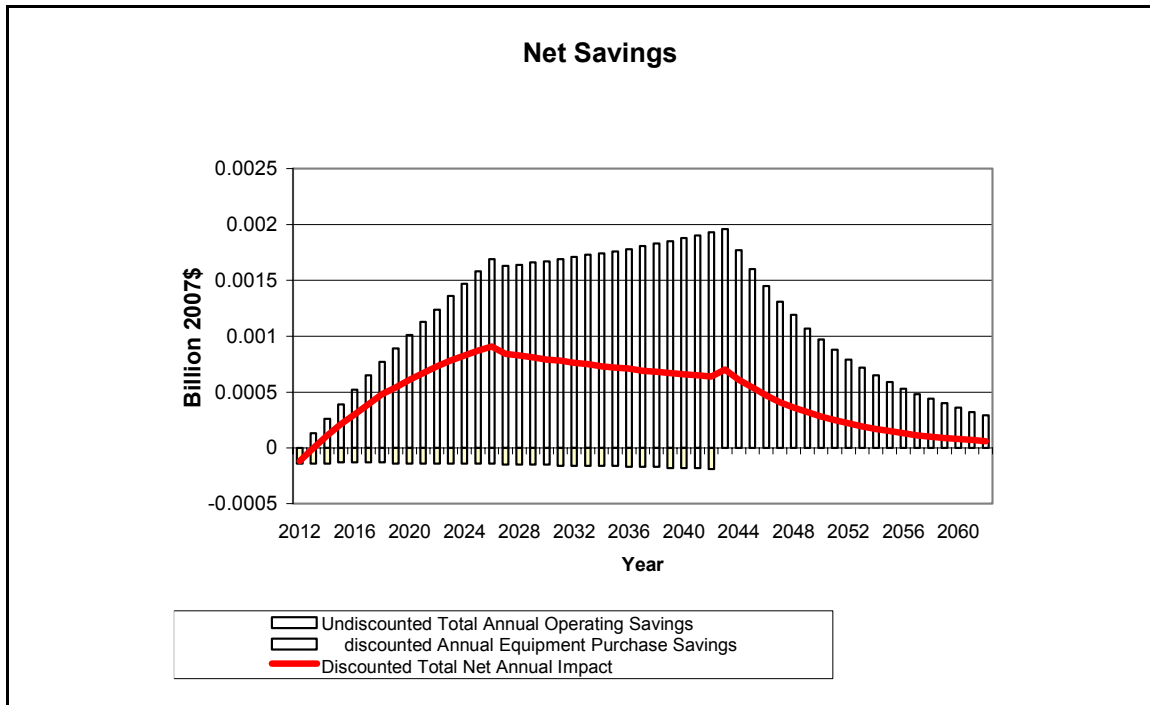


Figure I.12.8 National Annual Costs and Savings for HZO.RC.M, TSL 3

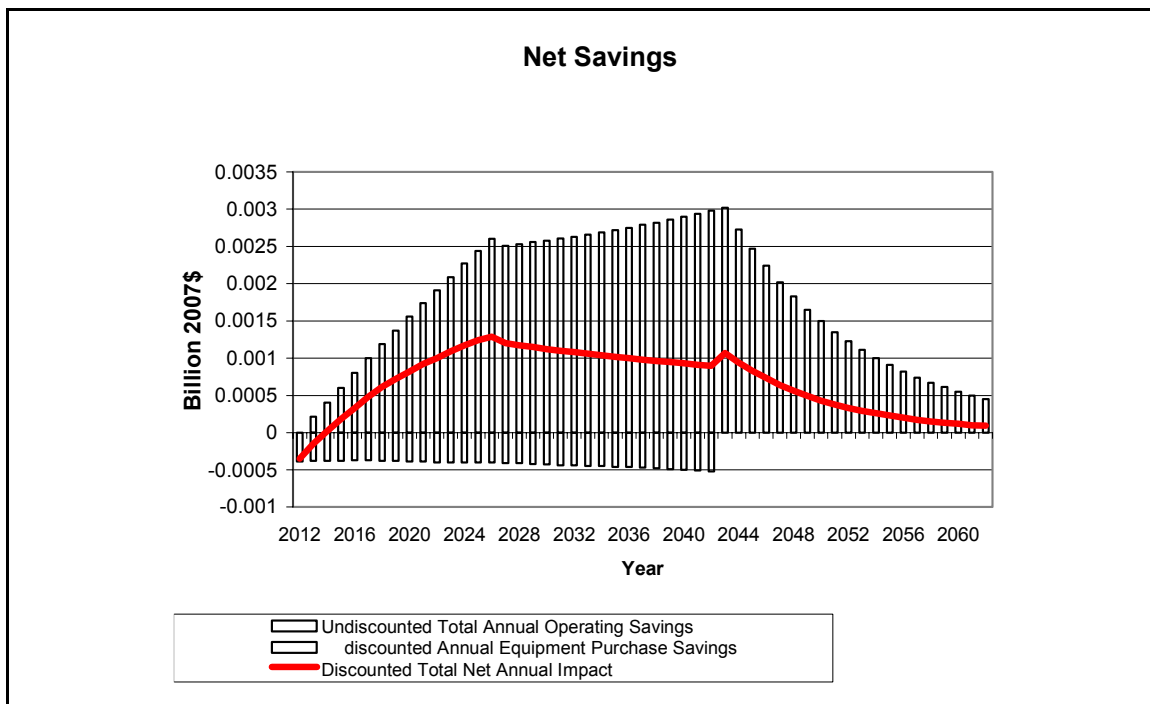


Figure I.12.9 National Annual Costs and Savings for HZO.RC.M, TSL 4

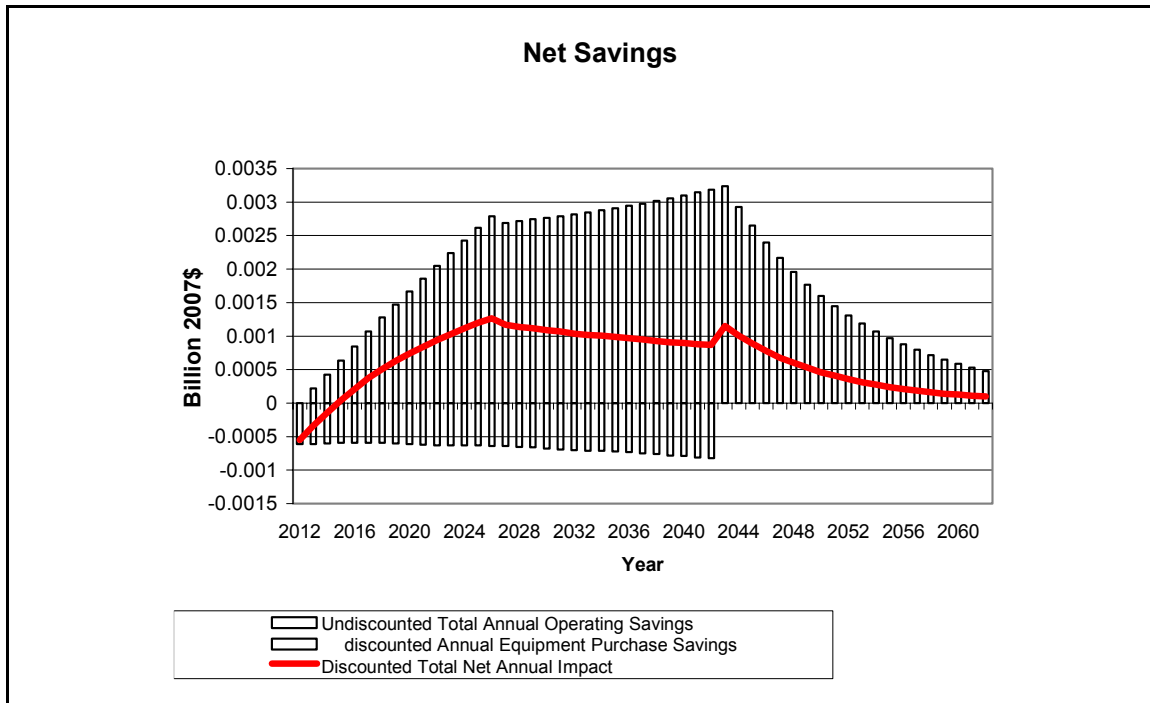


Figure I.12.10 National Annual Costs and Savings for HZO.RC.M, TSL 5

I.13 HORIZONTAL OPEN.REMOTE CONDENSING.LOW (HZO.RC.L)

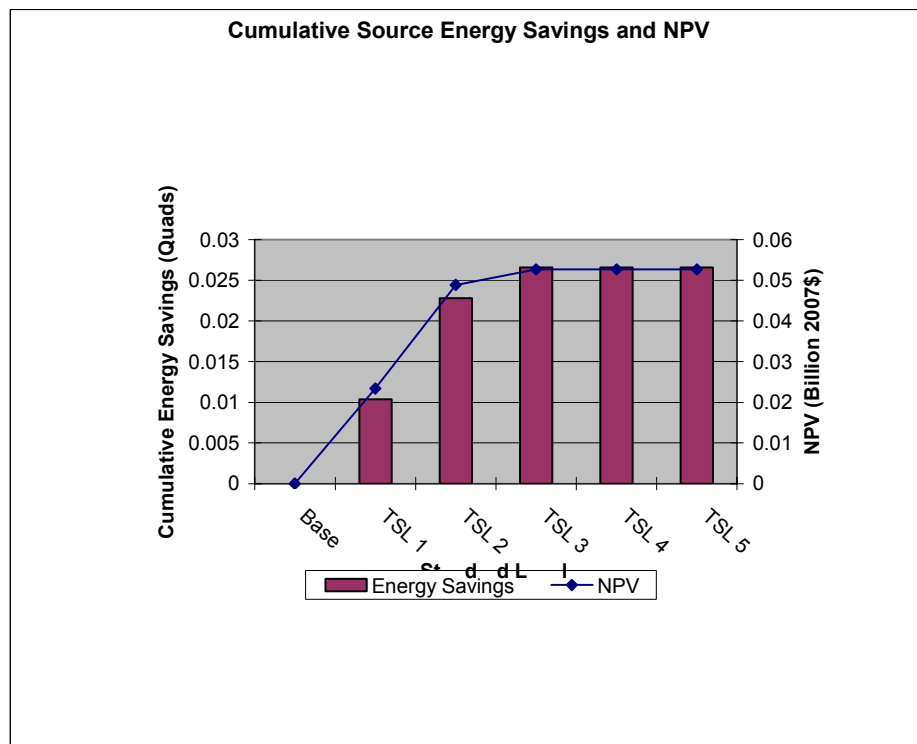


Figure I.13.1 Cumulative NPV Results for HZO.RC.L Based on a Seven-Percent Discount Rate (Billion 2007\$)

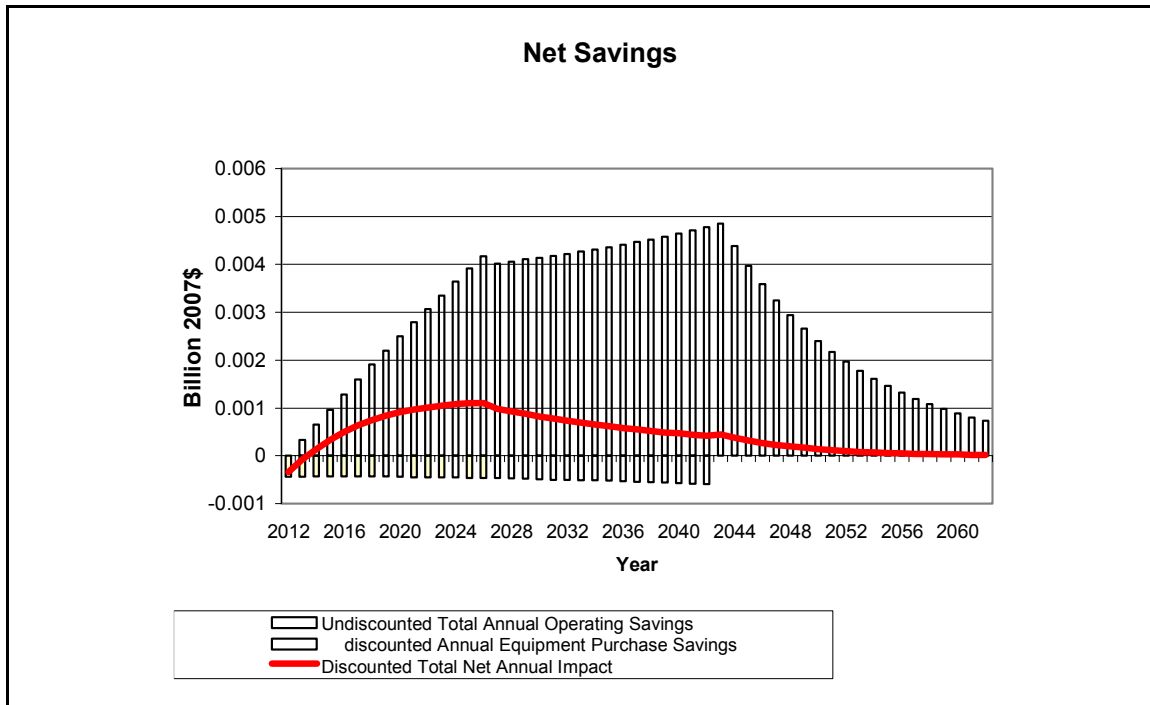


Figure I.13.2 National Annual Costs and Savings for HZO.RC.L, TSL 2

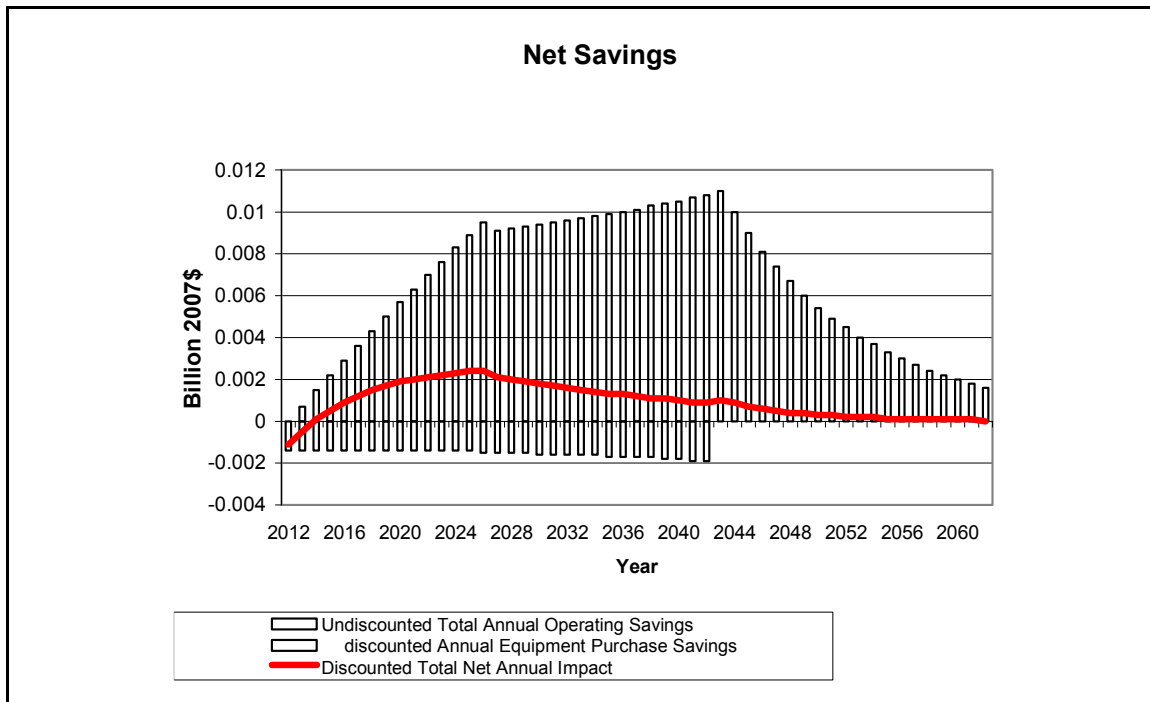


Figure I.13.3 National Annual Costs and Savings for HZO.RC.L, TSL 3

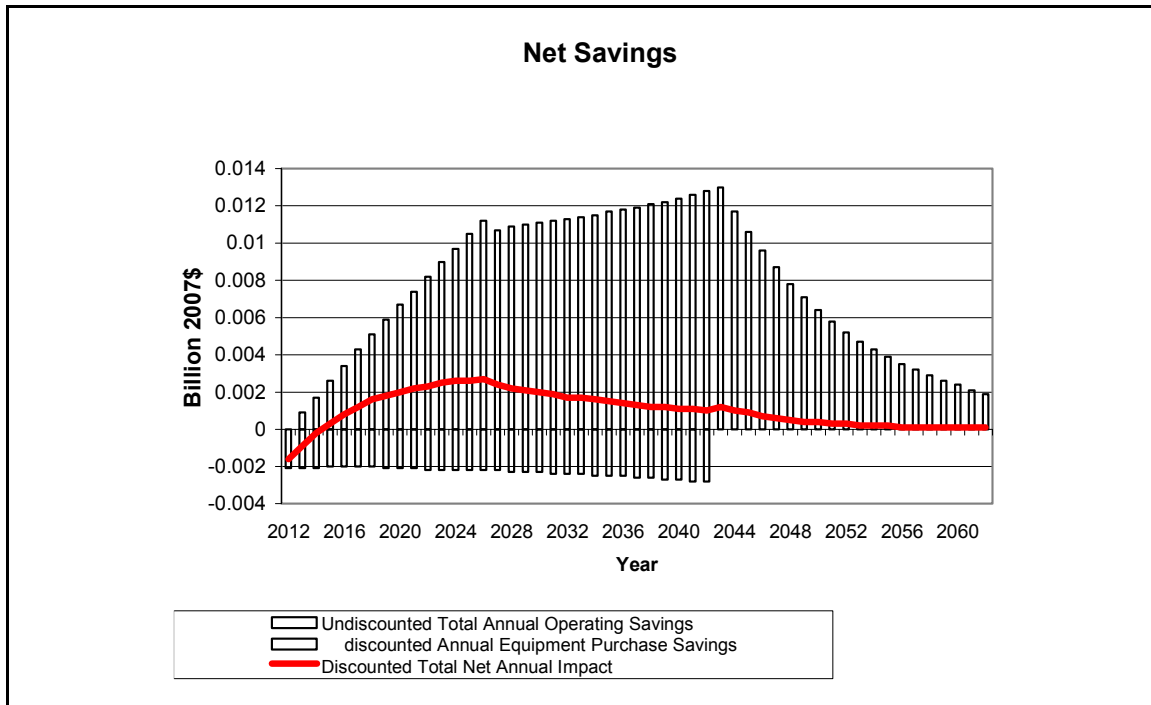


Figure I.13.4 National Annual Costs and Savings for HZO.RC.L, TSL 4

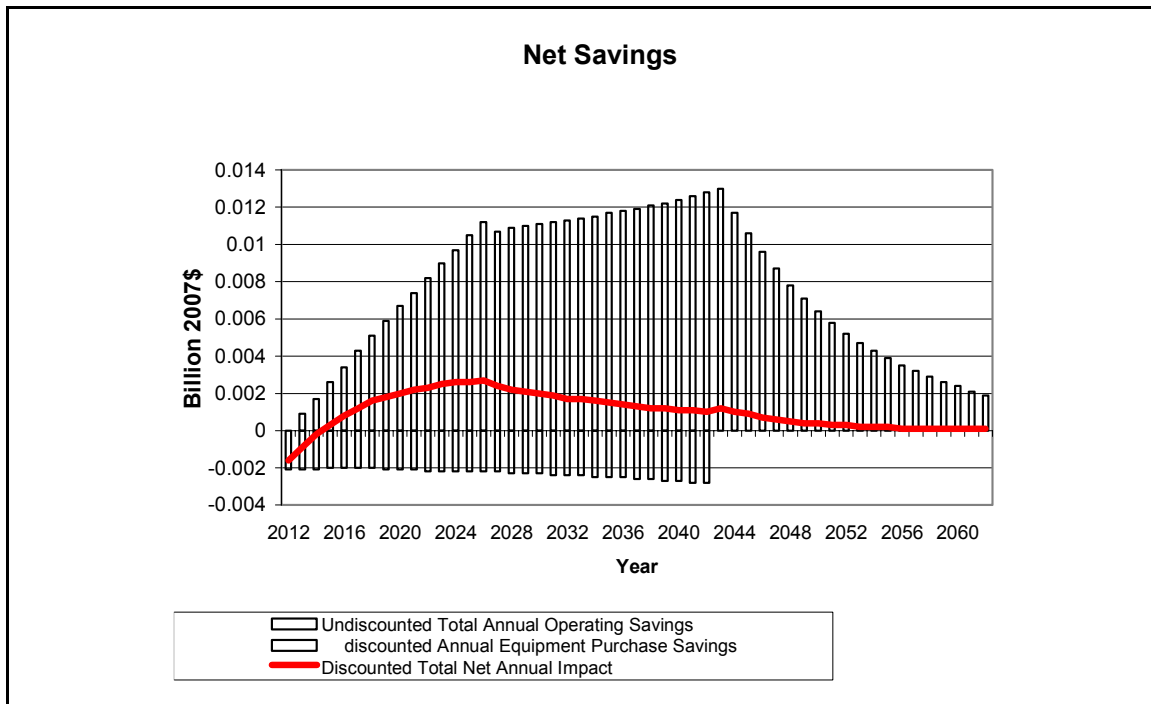


Figure I.13.5 National Annual Costs and Savings for HZO.RC.L, TSL 5

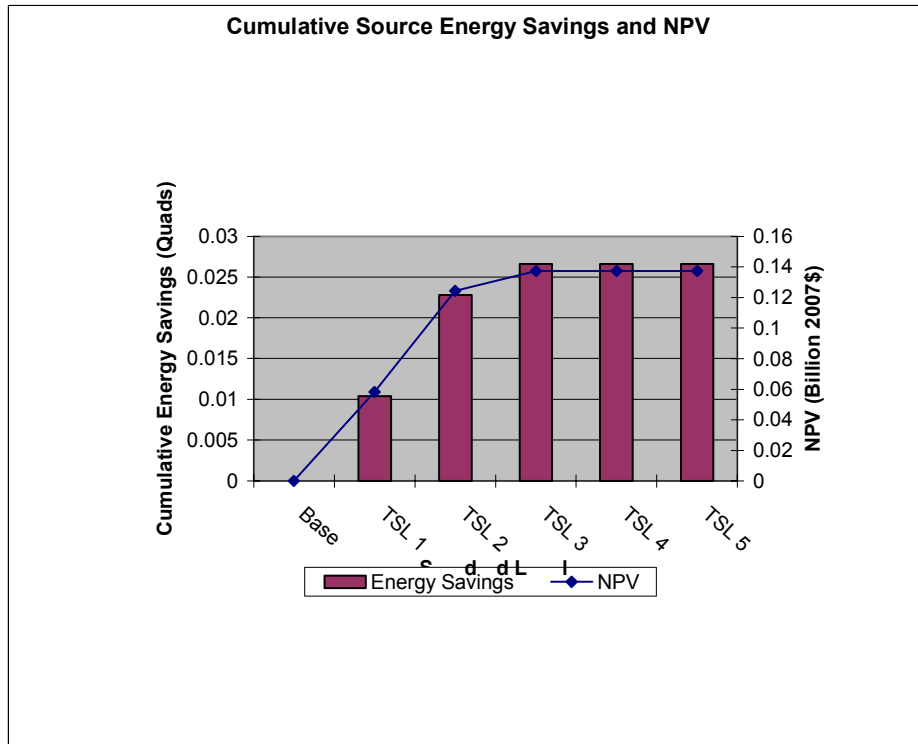


Figure I.13.6 Cumulative NPV Results for HZO.RC.L Based on a Three-Percent Discount Rate (Billion 2007\$)

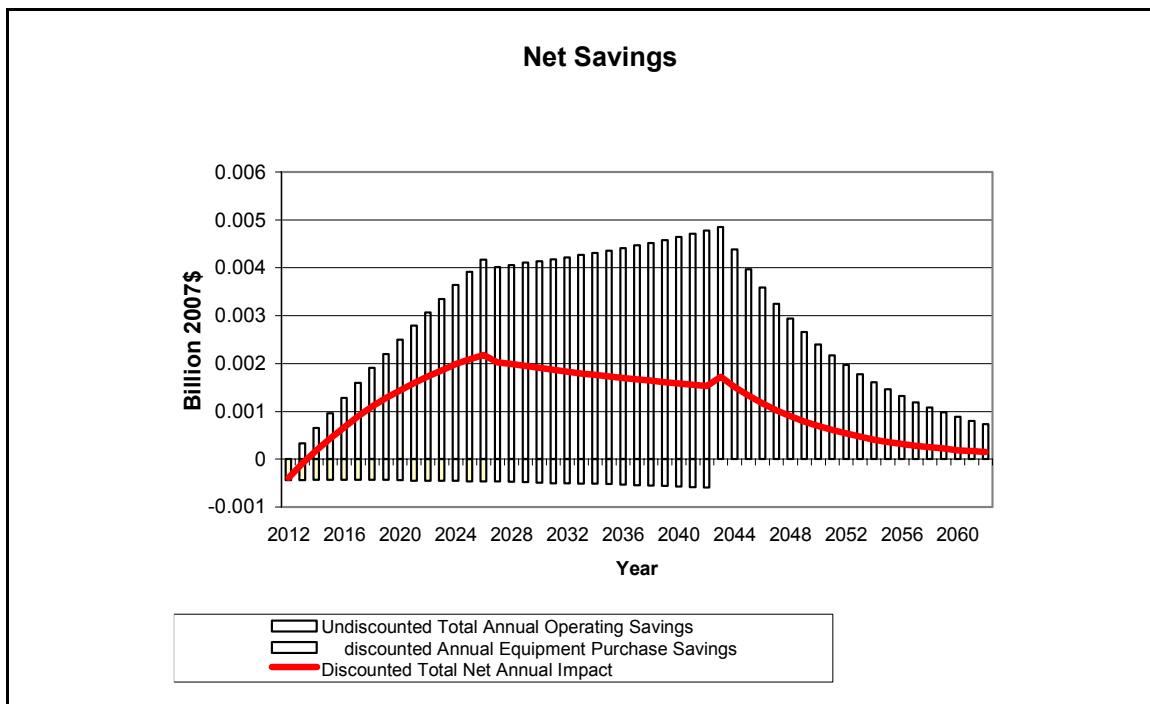


Figure I.13.7 National Annual Costs and Savings for HZO.RC.L, TSL 2

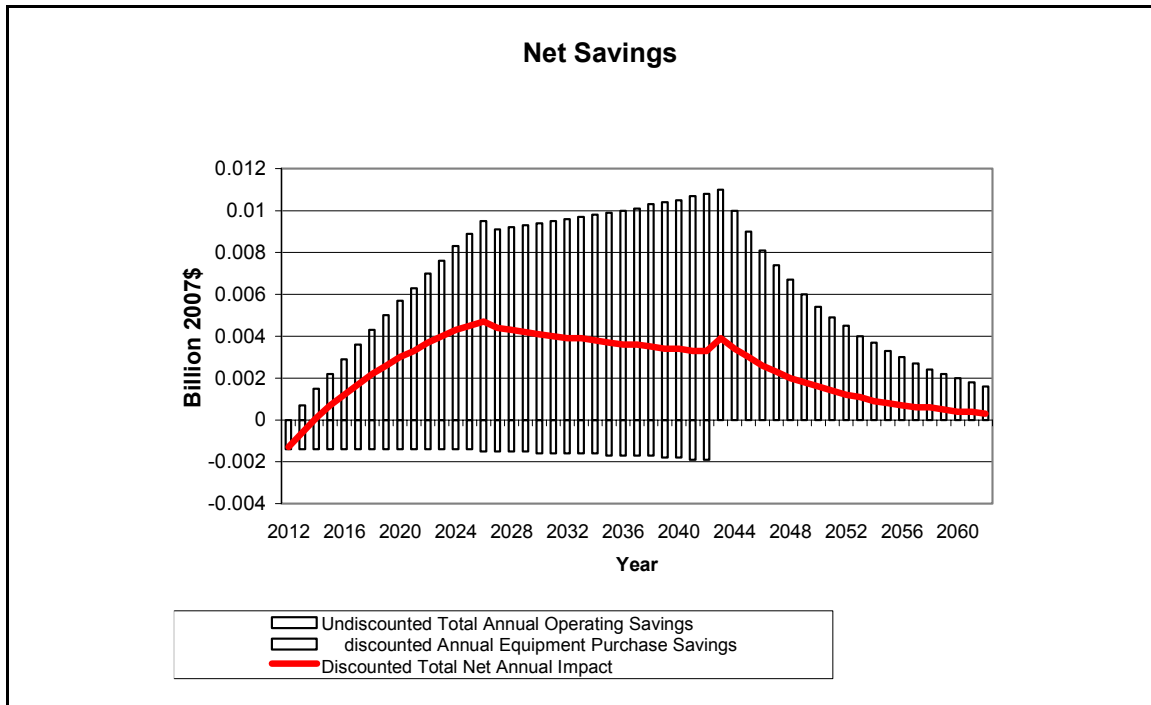


Figure I.13.8 National Annual Costs and Savings for HZO.RC.L, TSL 3

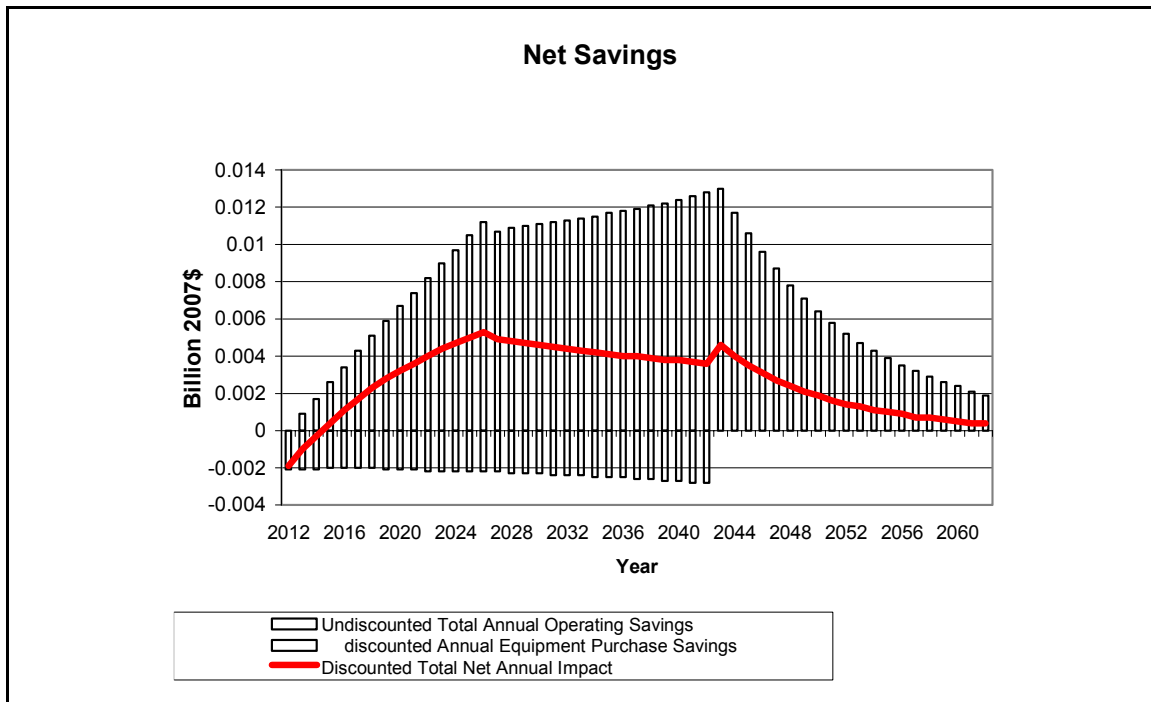


Figure I.13.9 National Annual Costs and Savings for HZO.RC.L, TSL 4

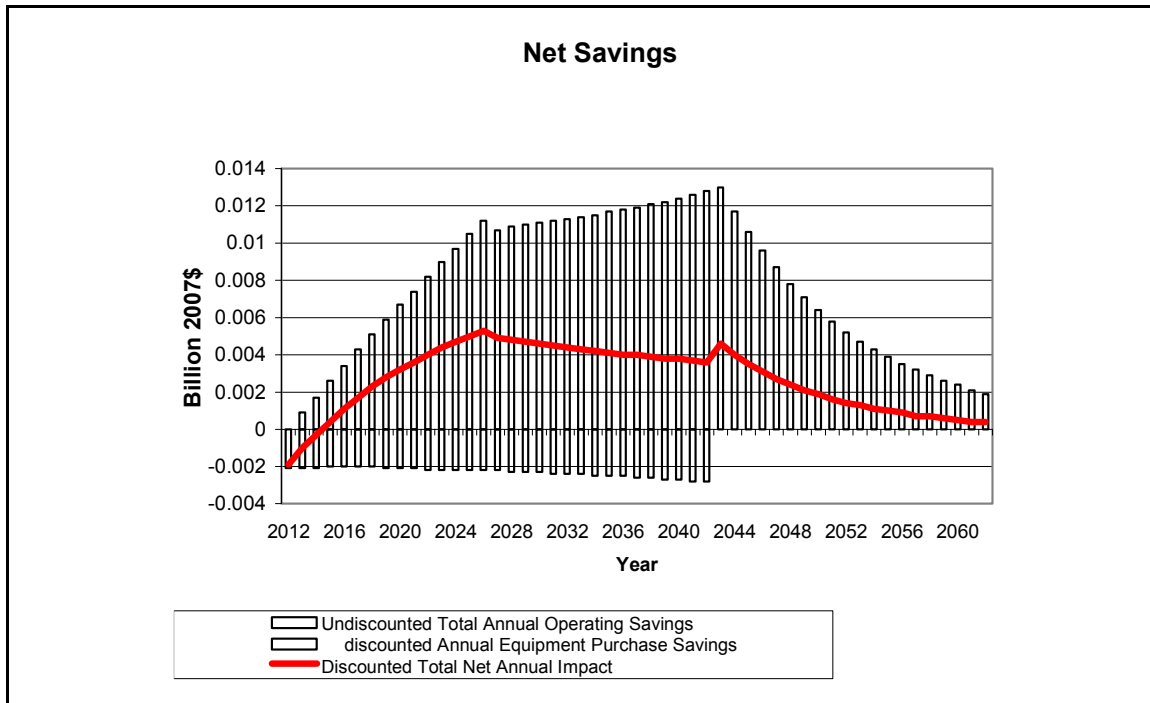


Figure I.13.10 National Annual Costs and Savings for HZO.RC.L, TSL 5

I.14 HORIZONTAL OPEN.SELF-CONTAINED.MEDIUM (HZO.SC.M)

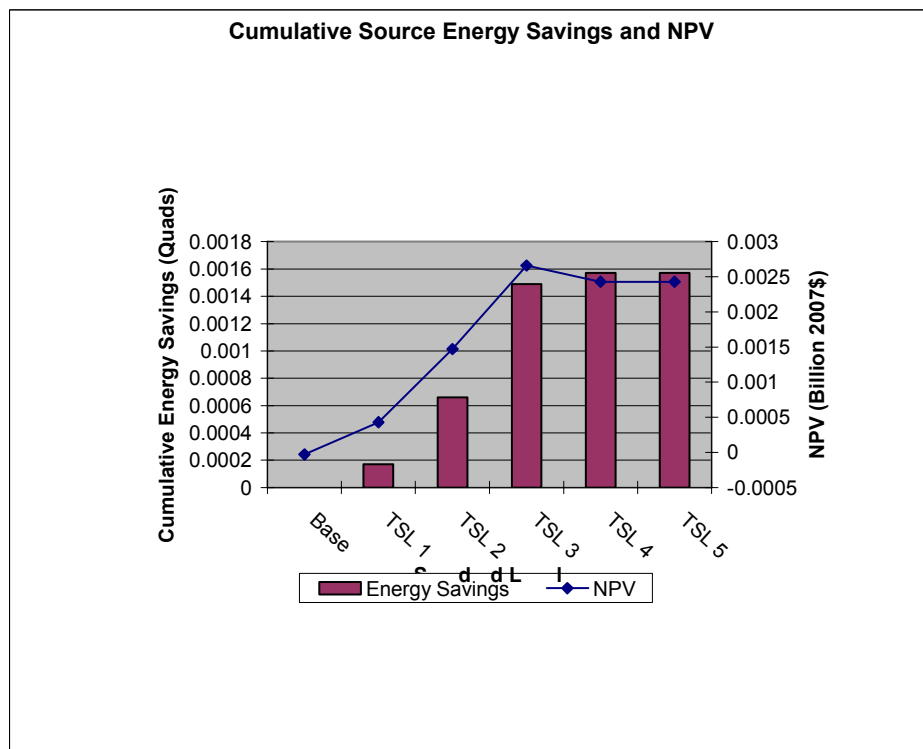


Figure I.14.1 Cumulative NPV Results for HZO.SC.M Based on a Seven-Percent Discount Rate (Billion 2007\$)

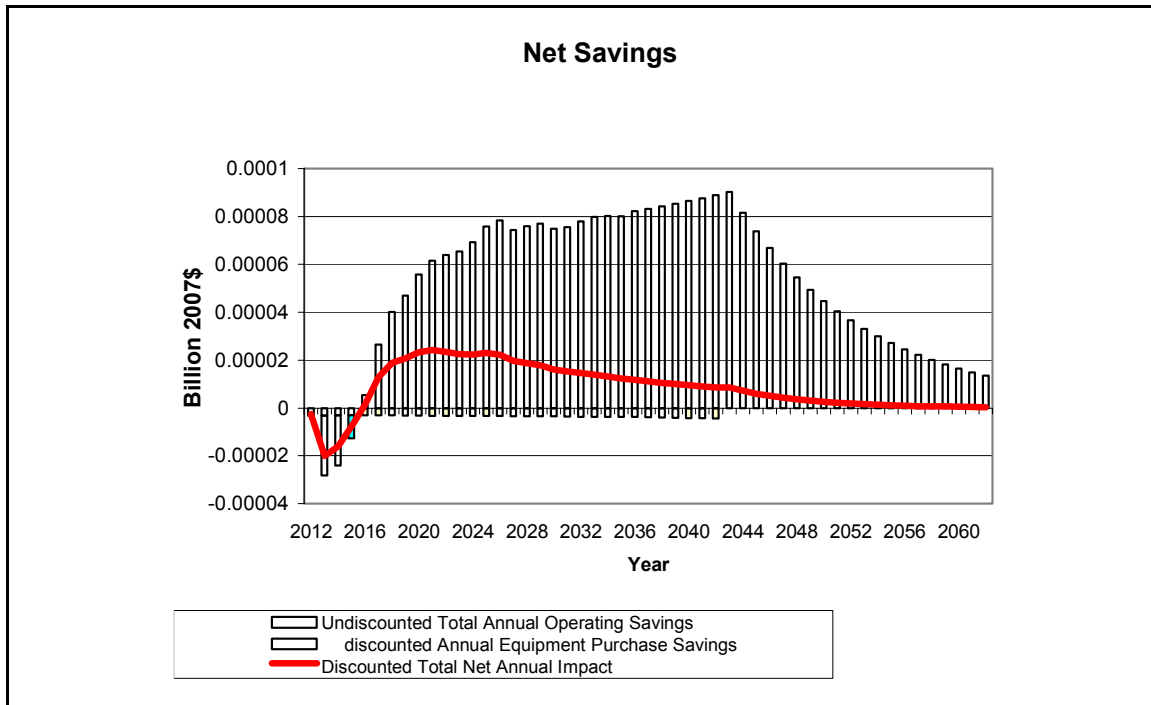


Figure I.14.2 National Annual Costs and Savings for HZO.SC.M, TSL 2

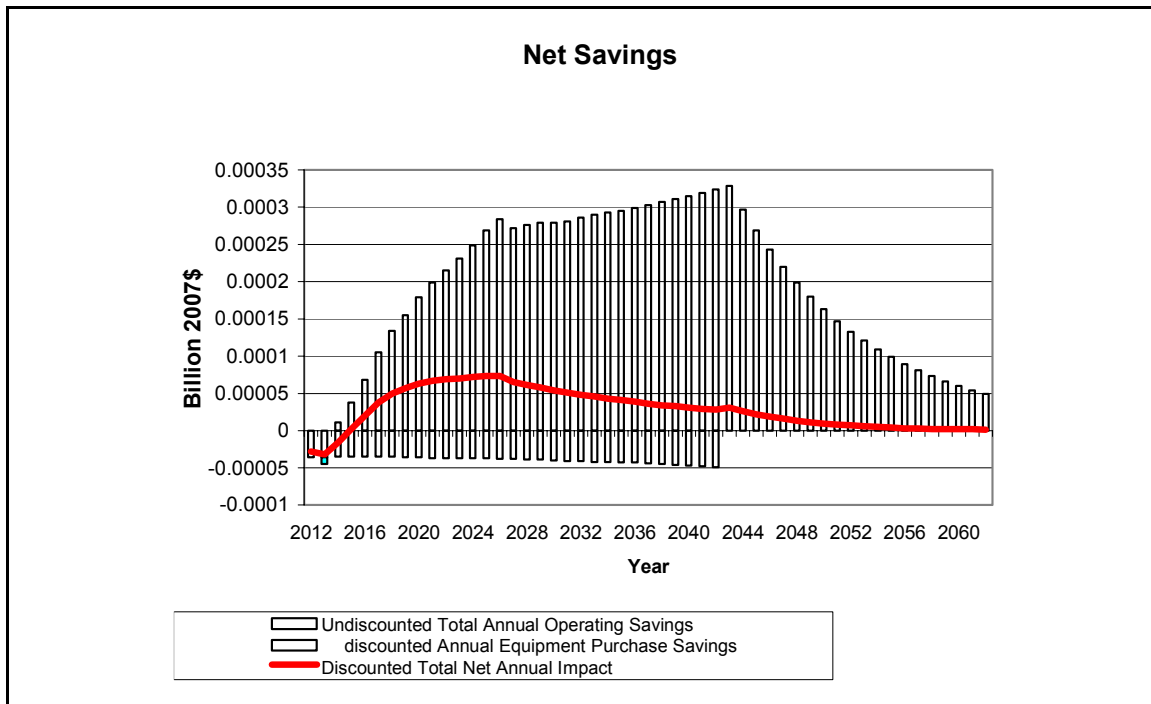


Figure I.14.3 National Annual Costs and Savings for HZO.SC.M, TSL 3

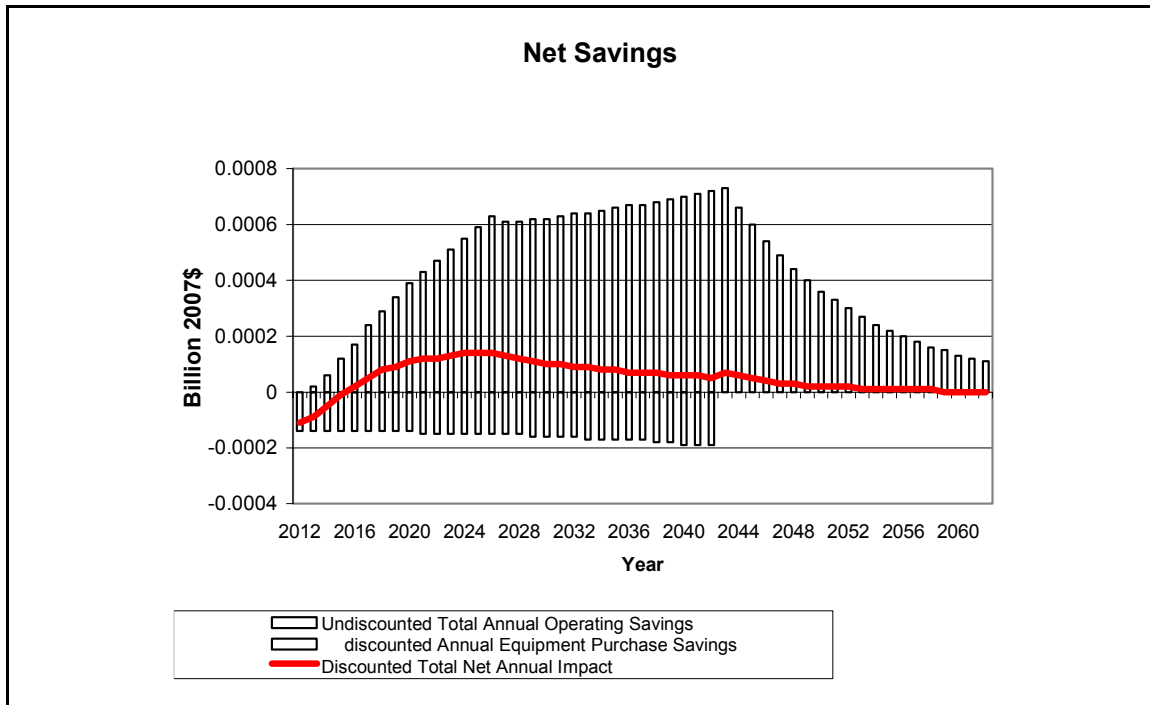


Figure I.14.4 National Annual Costs and Savings for HZO.SC.M, TSL 4

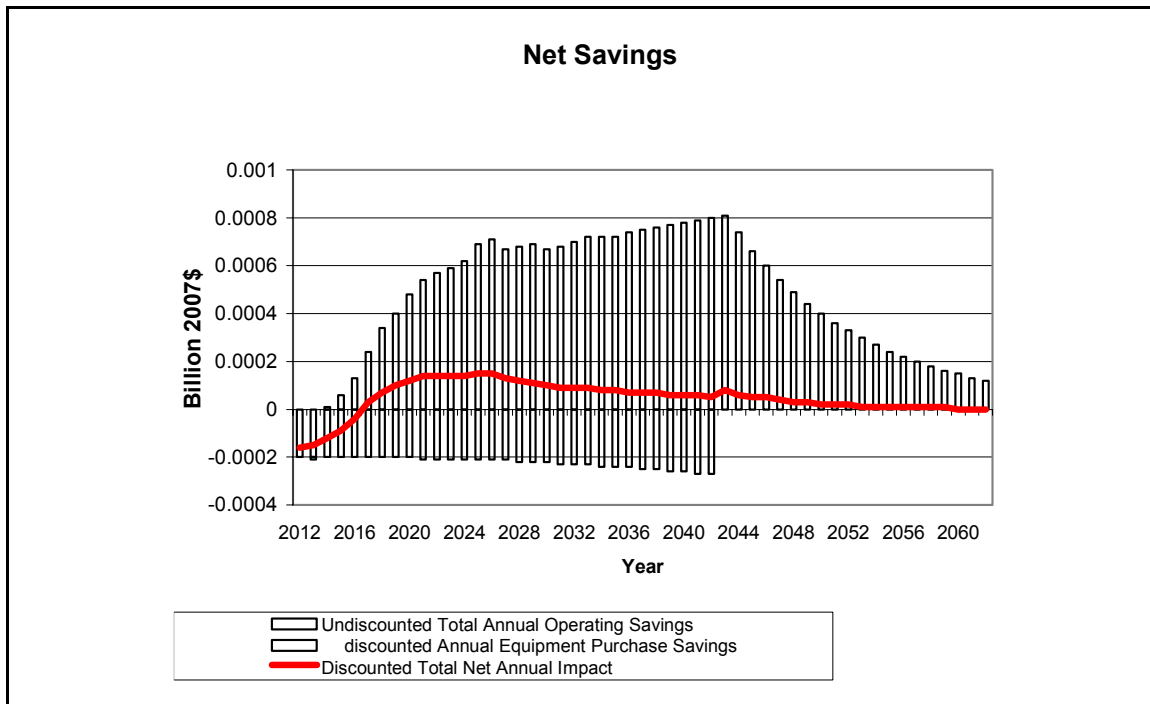


Figure I.14.5 National Annual Costs and Savings for HZO.SC.M, TSL 5

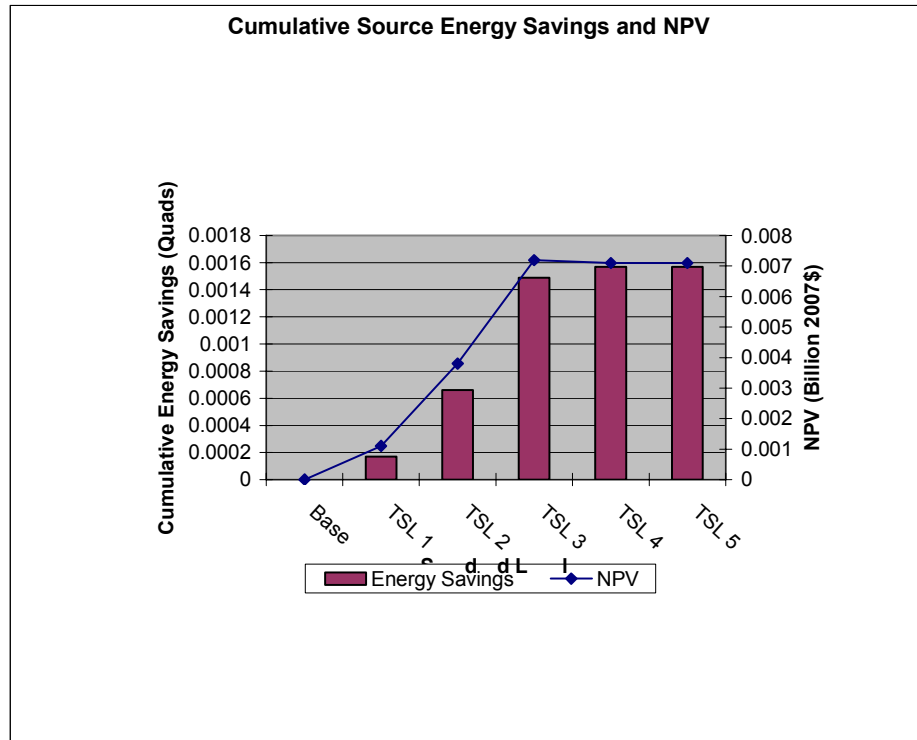


Figure I.14.6 Cumulative NPV Results for HZO.SC.M Based on a Three-Percent Discount Rate (Billion 2007\$)

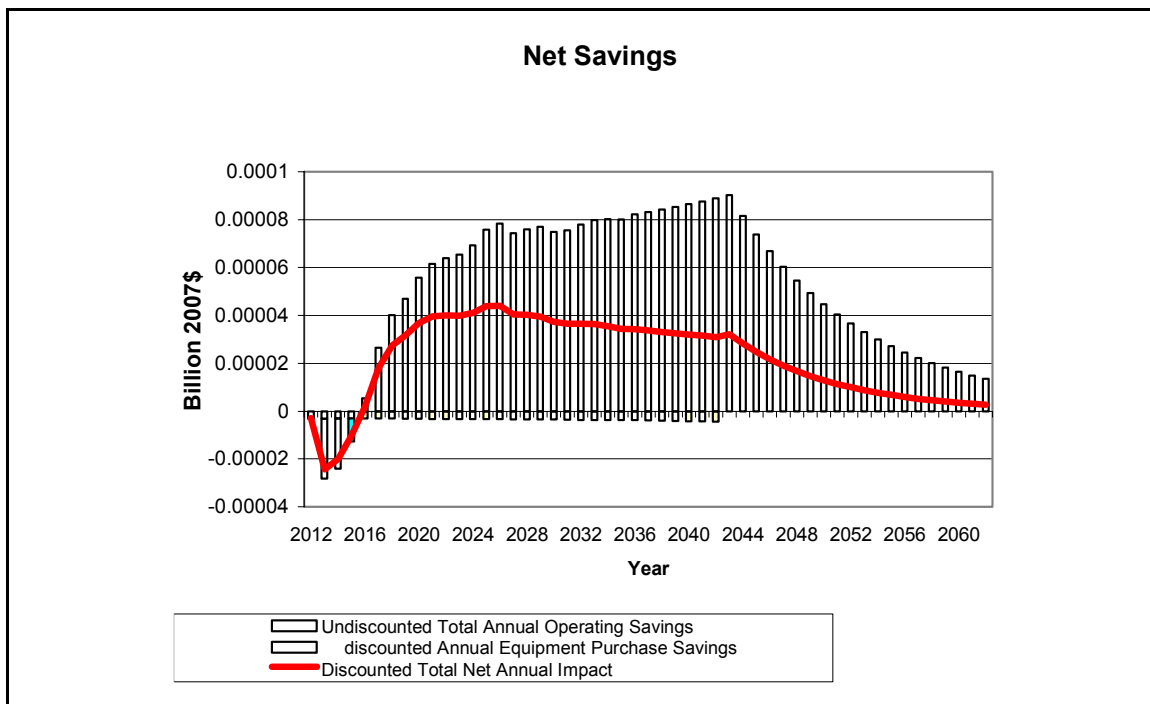


Figure I.14.7 National Annual Costs and Savings for HZO.SC.M, TSL 2

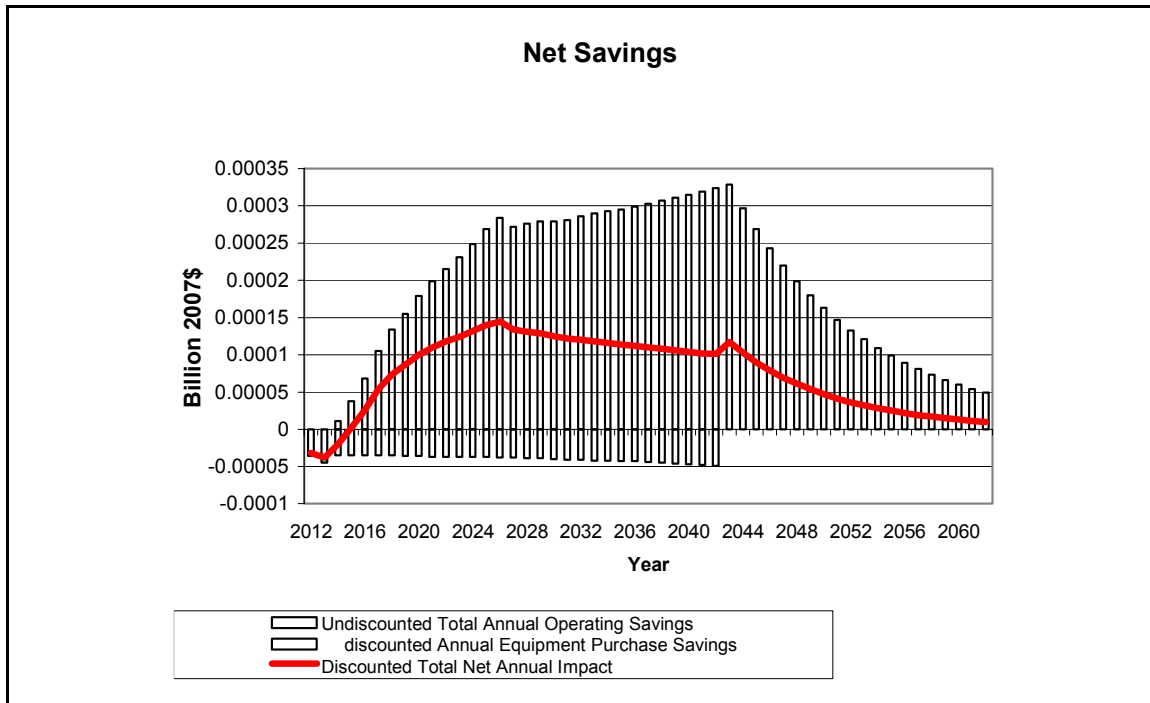


Figure I.14.8 National Annual Costs and Savings for HZO.SC.M, TSL 3

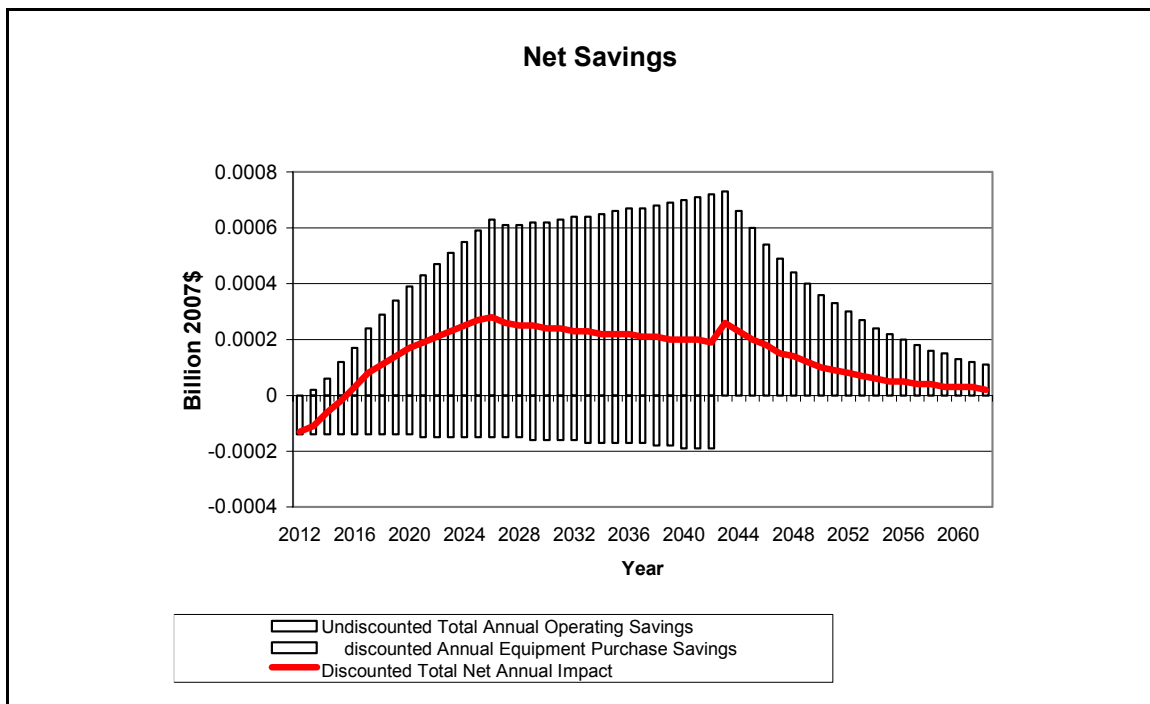


Figure I.14.9 National Annual Costs and Savings for HZO.SC.M, TSL 4

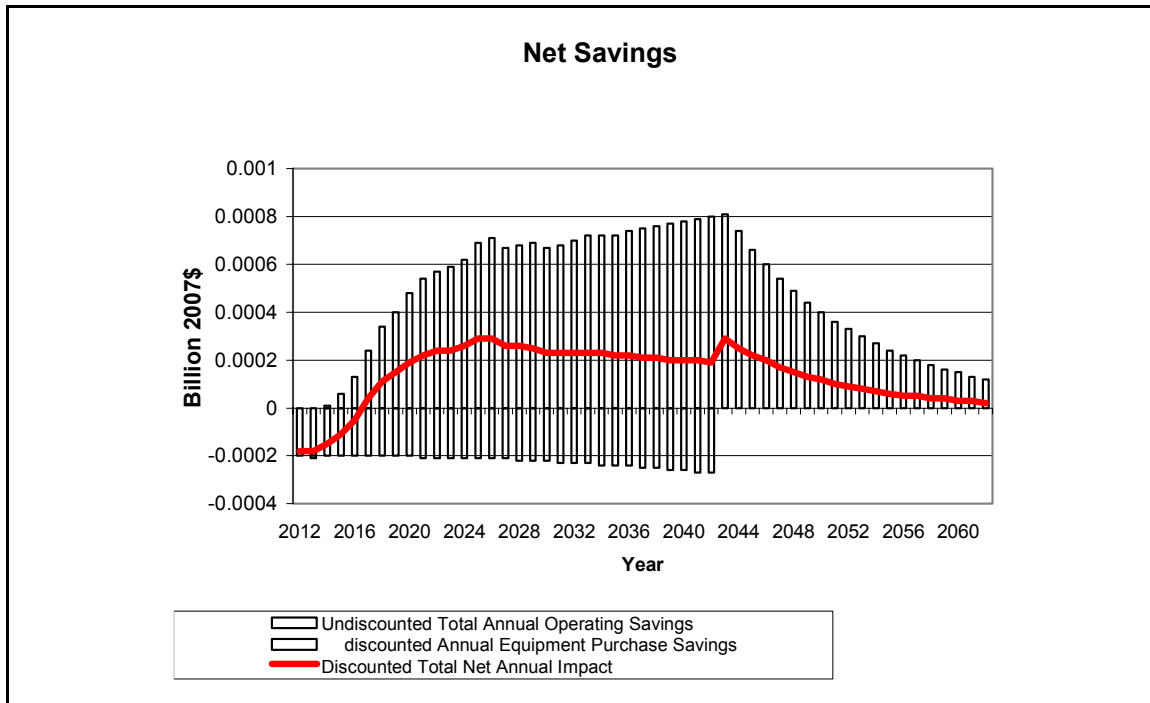


Figure I.14.10 National Annual Costs and Savings for HZO.SC.M, TSL 5

I.15 HORIZONTAL OPEN.SELF-CONTAINED.LOW (HZO.SC.L)

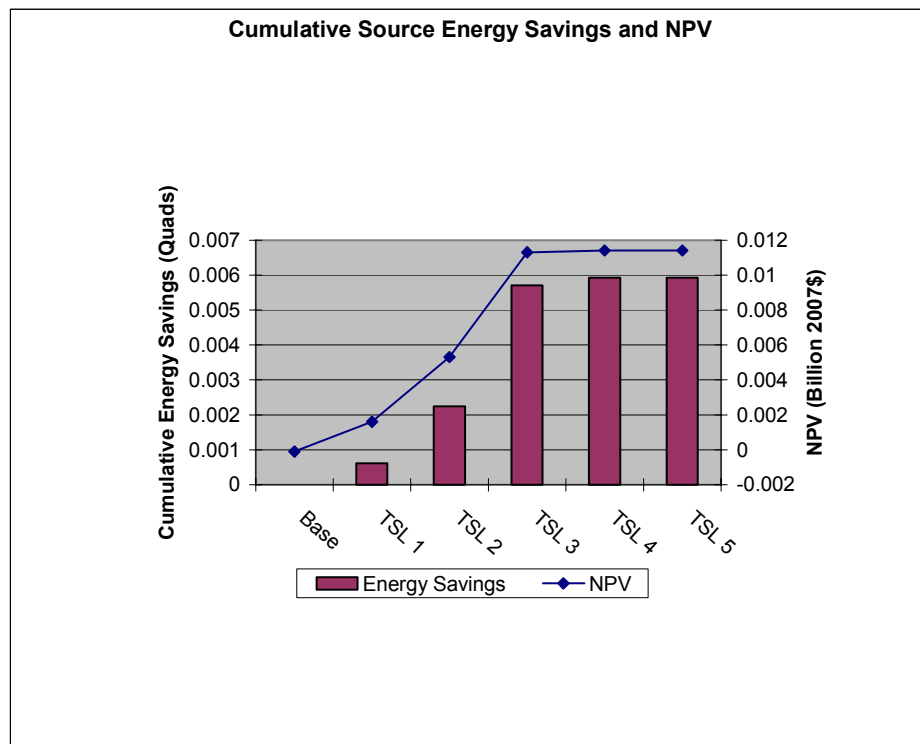


Figure I.15.1 Cumulative NPV Results for HZO.SC.L Based on a Seven-Percent Discount Rate (Billion 2007\$)

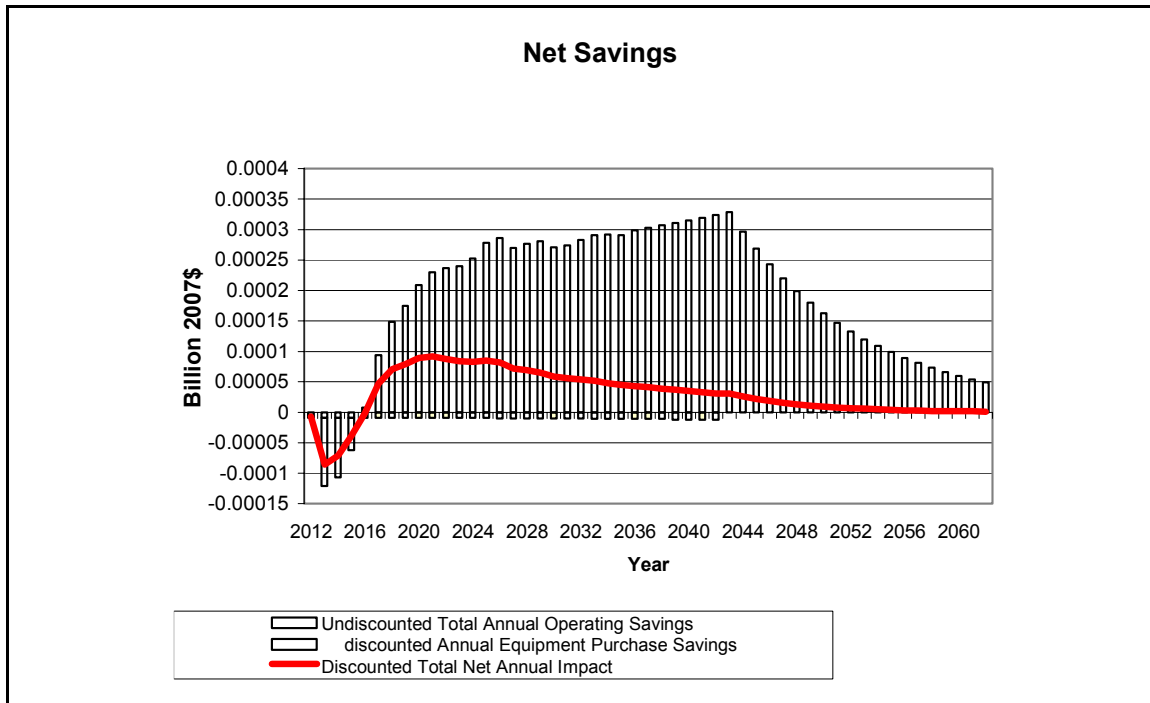


Figure I.15.2 National Annual Costs and Savings for HZO.SC.L, TSL 2

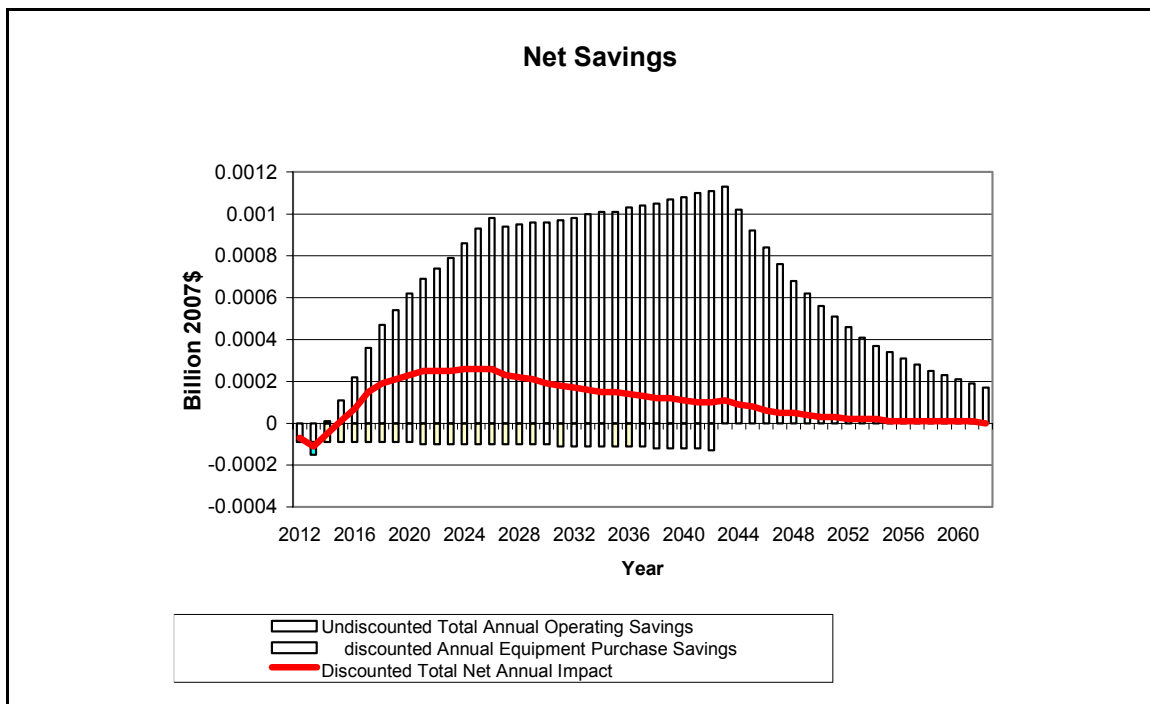


Figure I.15.3 National Annual Costs and Savings for HZO.SC.L, TSL 3

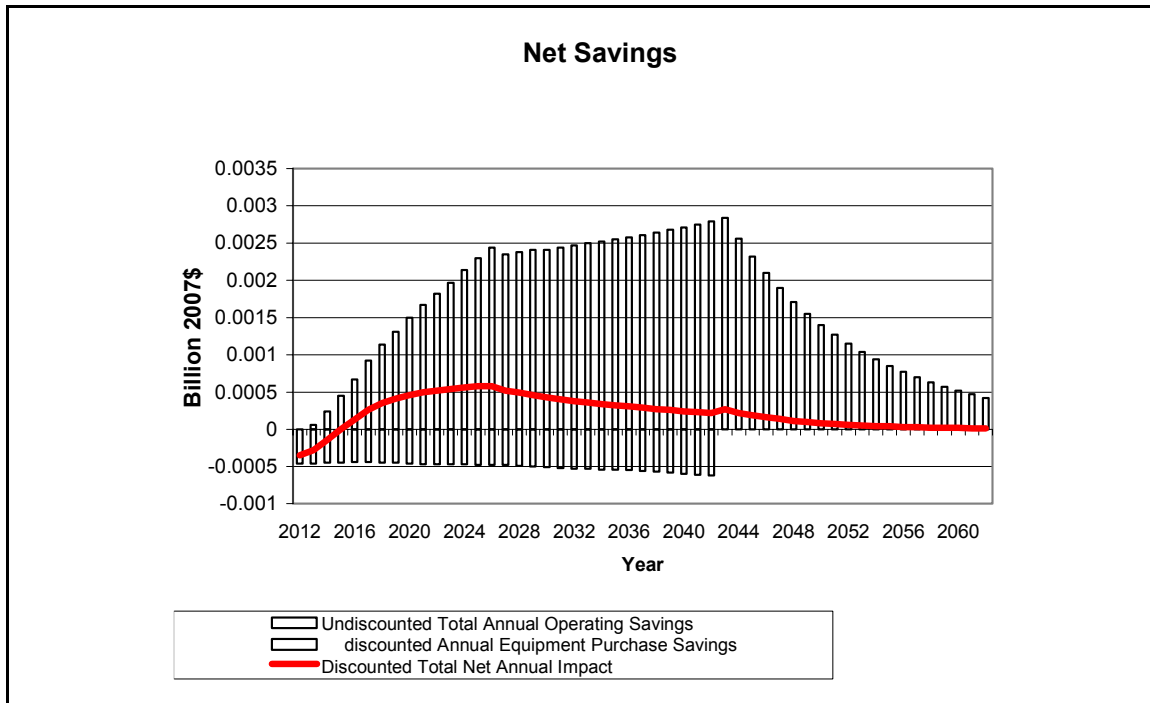


Figure I.15.4 National Annual Costs and Savings for HZO.SC.L, TSL 4

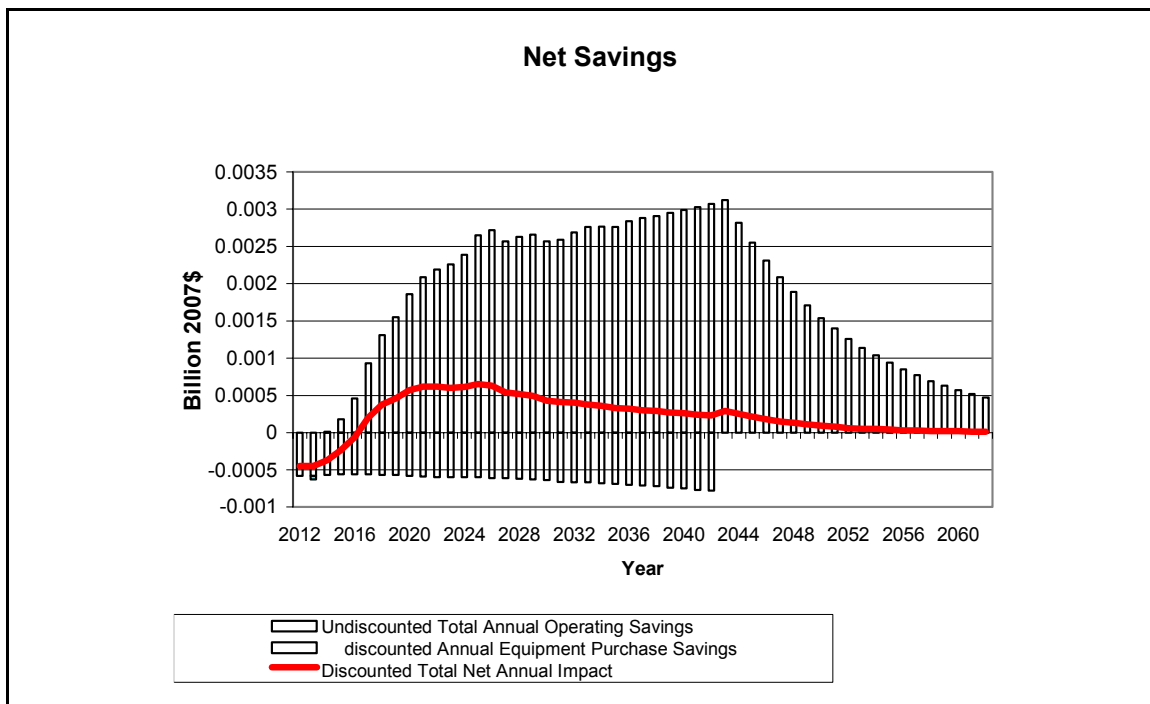


Figure I.15.5 National Annual Costs and Savings for HZO.SC.L, TSL 5

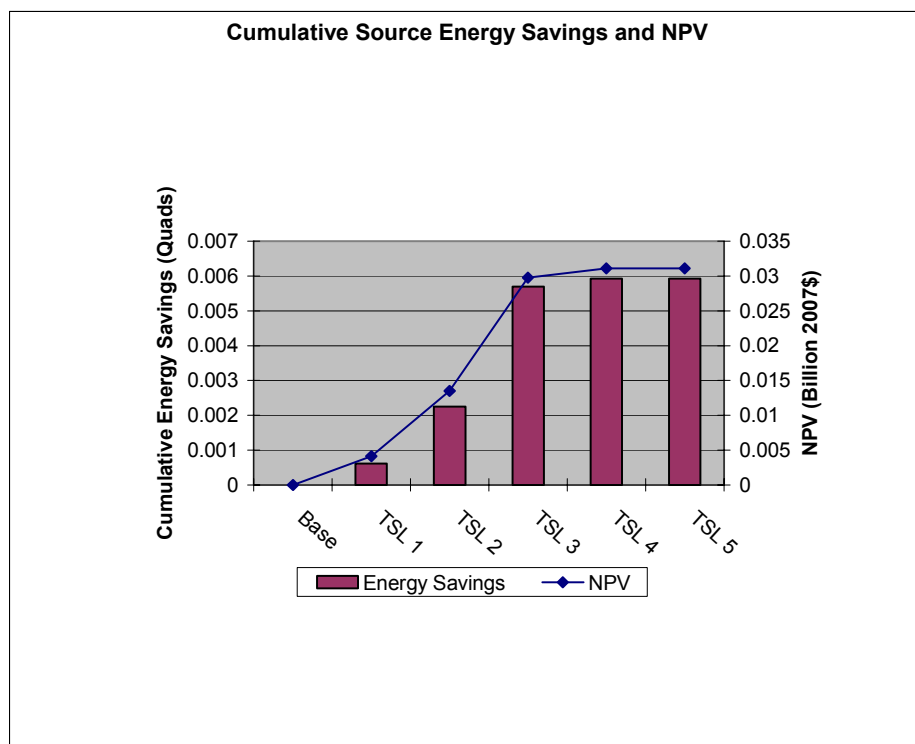


Figure I.15.6 Cumulative NPV Results for HZO.SC.L Based on a Three-Percent Discount Rate (Billion 2007\$)

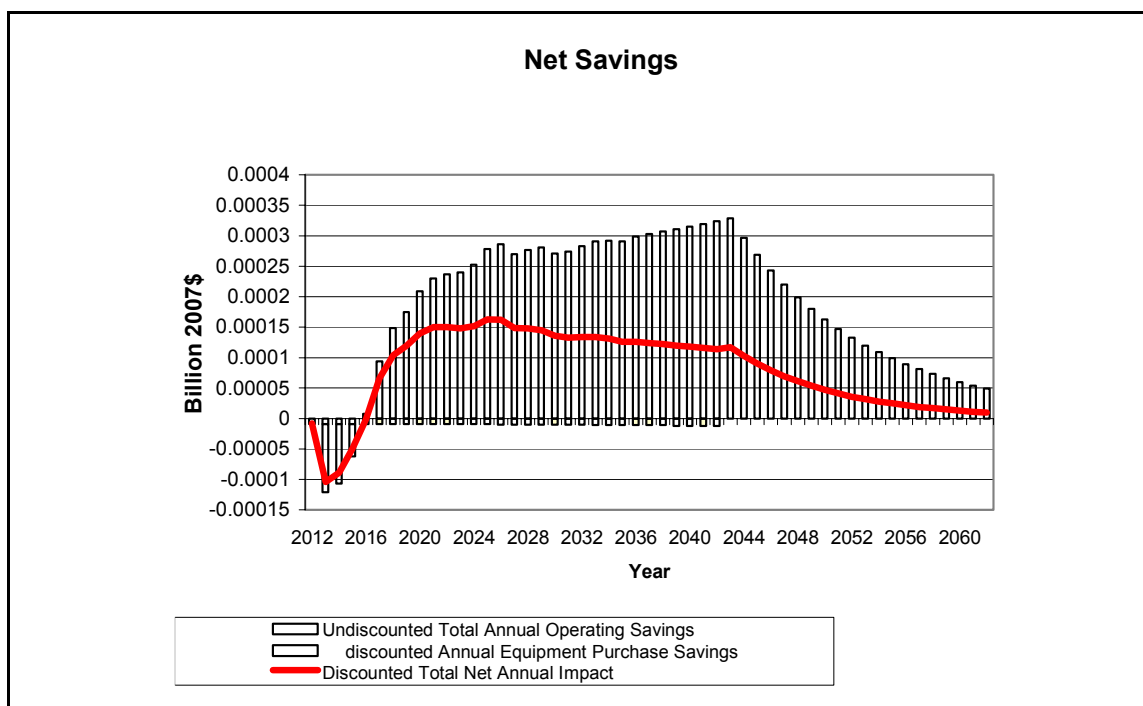


Figure I.15.7 National Annual Costs and Savings for HZO.SC.L, TSL 2

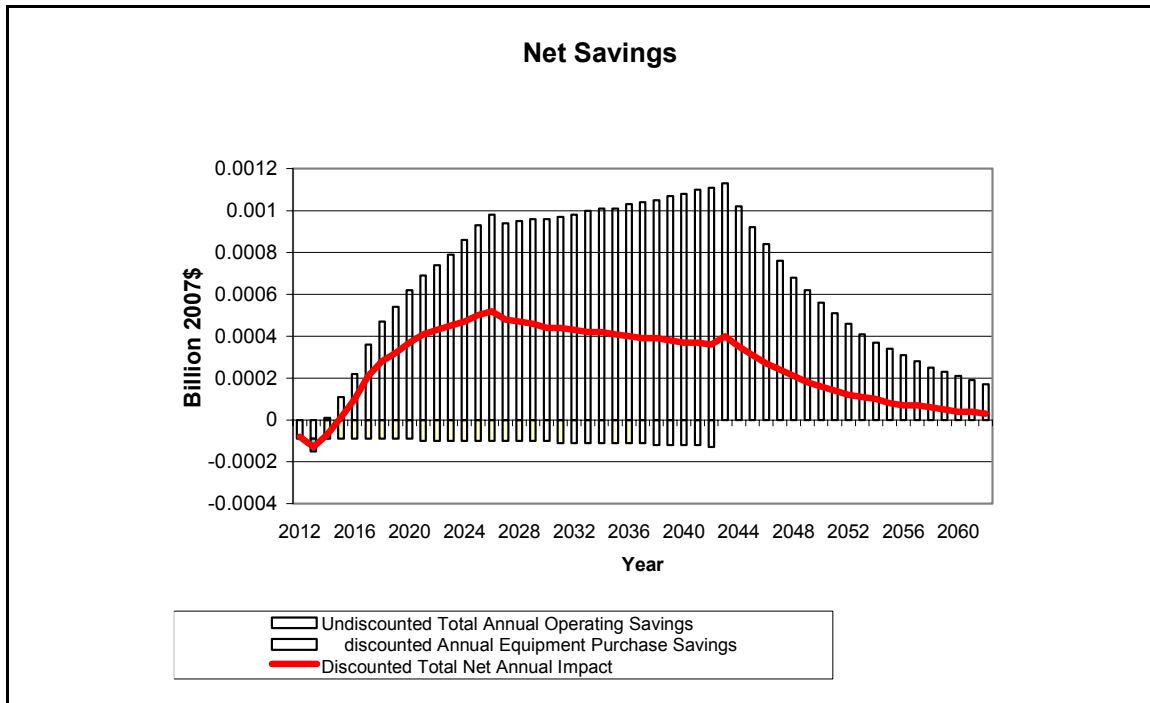


Figure I.15.8 National Annual Costs and Savings for HZO.SC.L, TSL 3

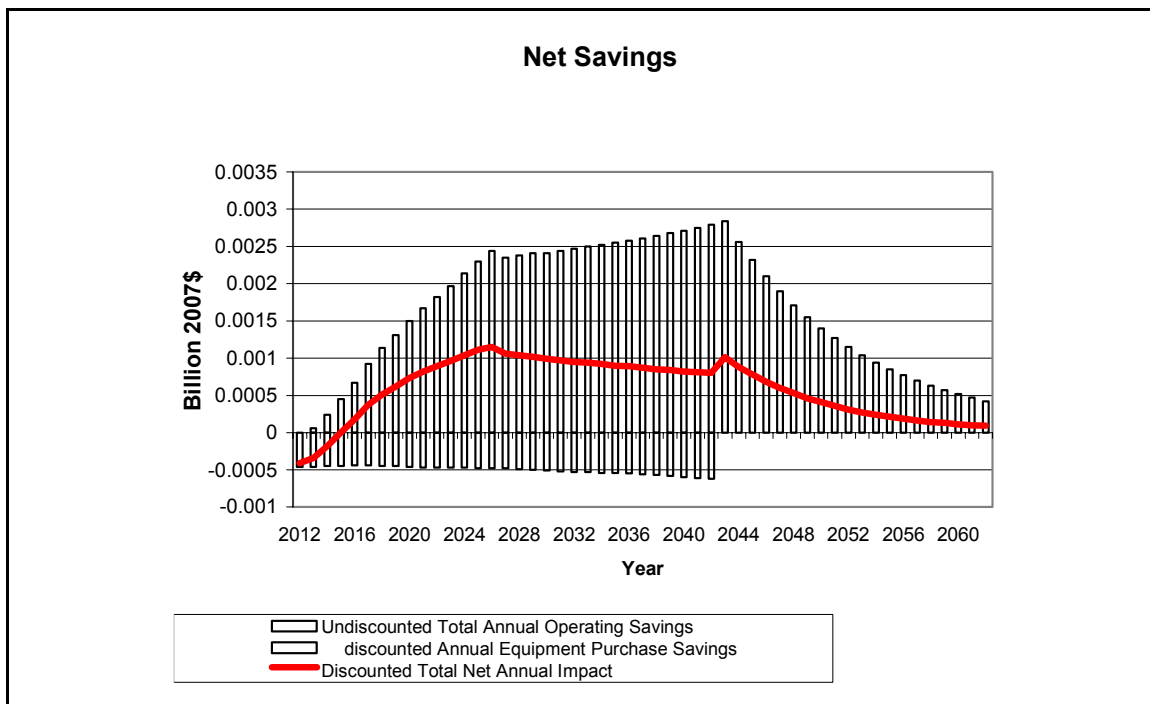


Figure I.15.9 National Annual Costs and Savings for HZO.SC.L, TSL 4

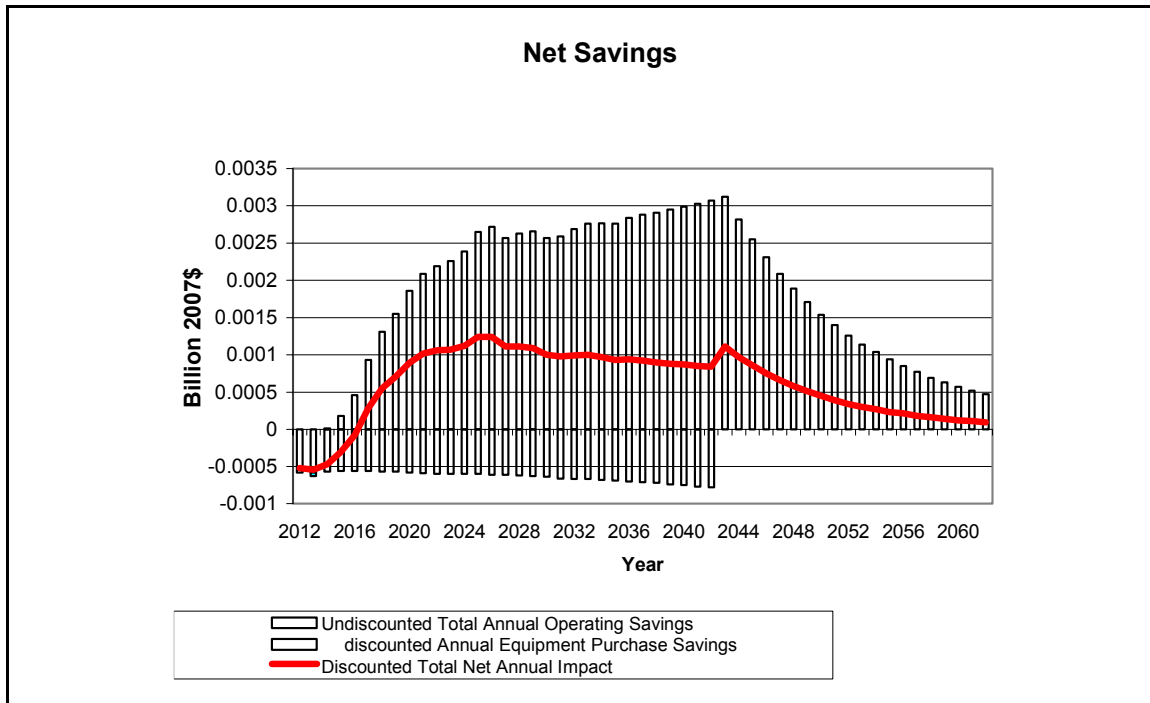


Figure I.15.10 National Annual Costs and Savings for HZO.SC.L, TSL 5

I.16 HORIZONTAL CLOSED TRANSPARENT.SELF-CONTAINED.ICE CREAM (HCT.SC.I)

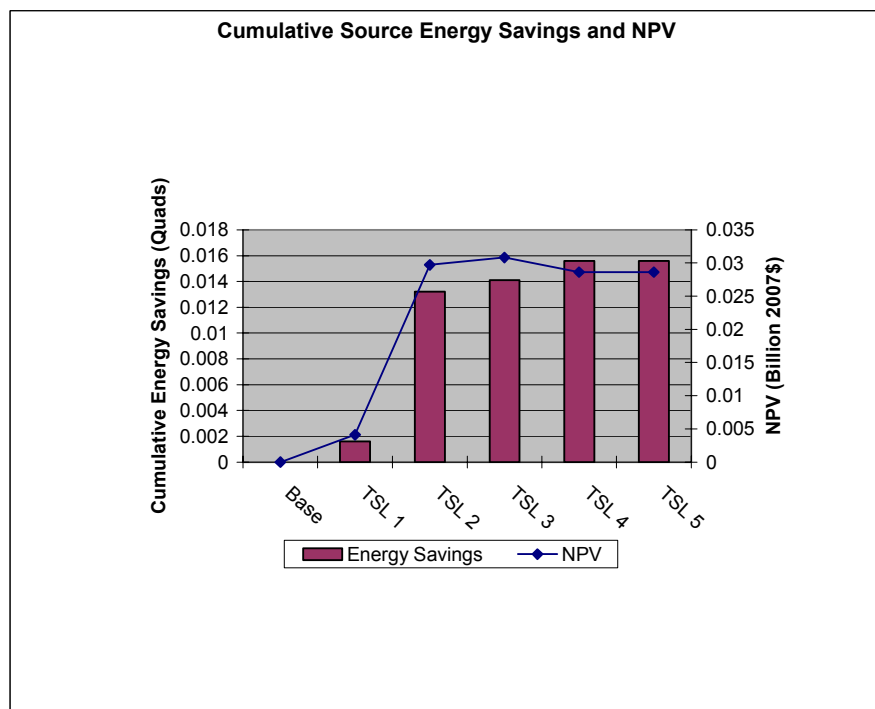


Figure I.16.1 Cumulative NPV Results for HCT.SC.I Based on a Seven-Percent Discount Rate (Billion 2007\$)

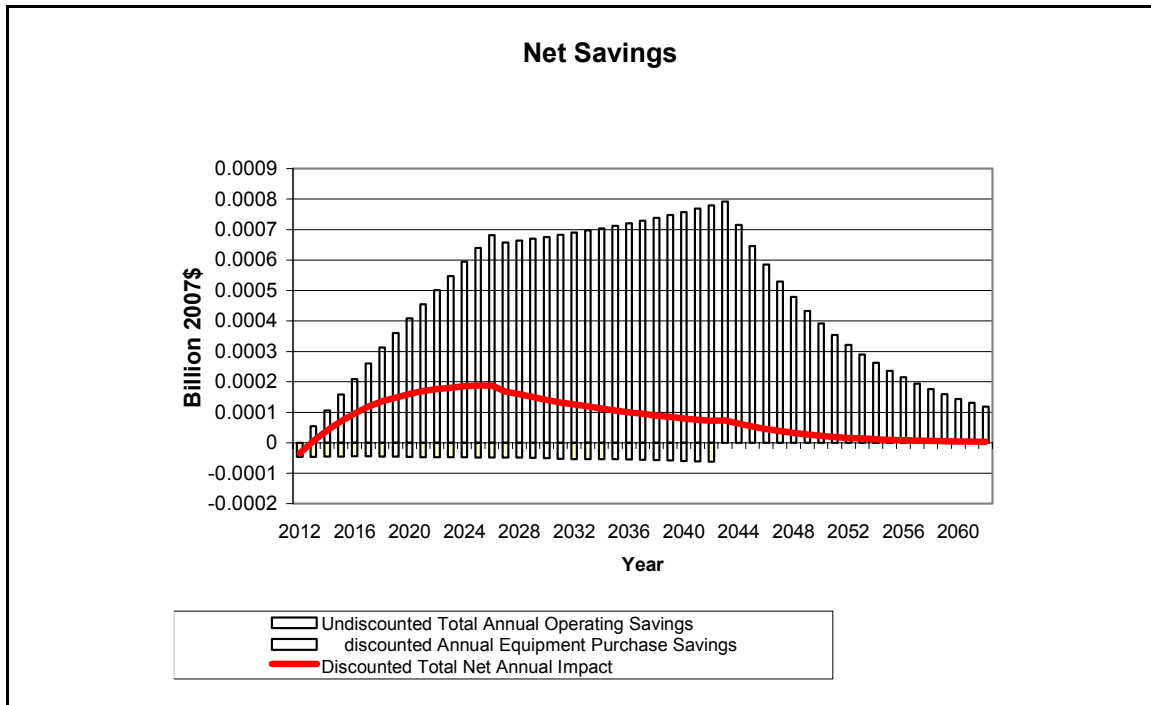


Figure I.16.2 National Annual Costs and Savings for HCT.SC.I, TSL 2

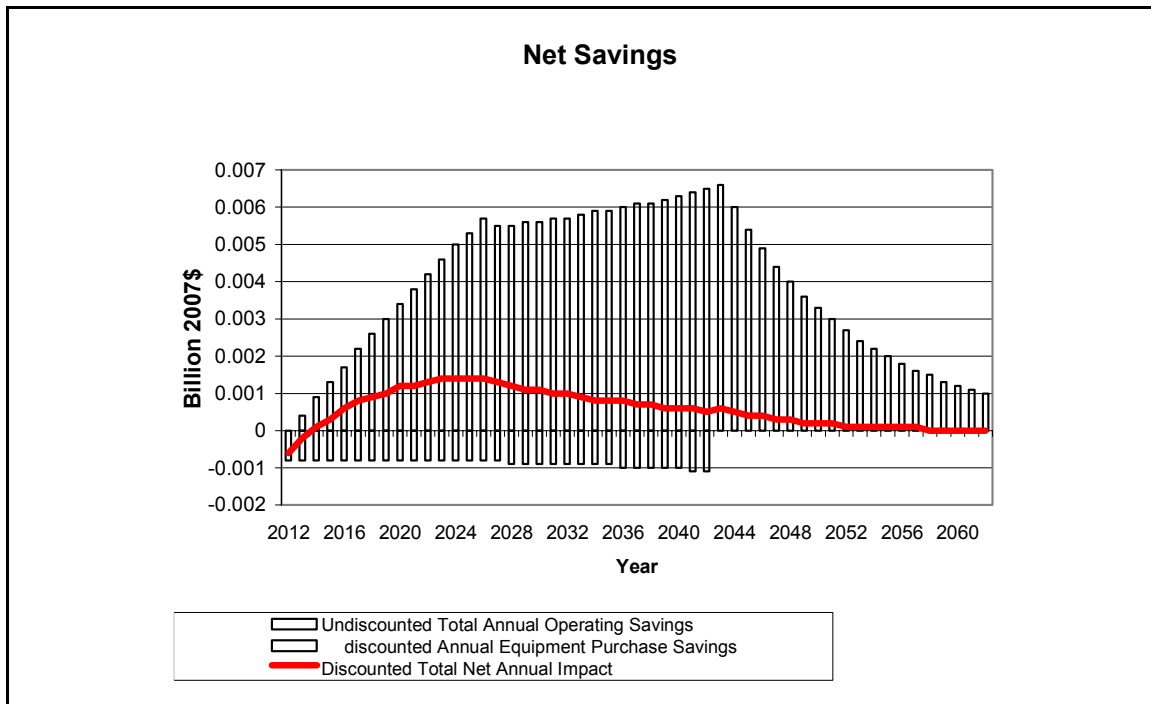


Figure I.16.3 National Annual Costs and Savings for HCT.SC.I, TSL 3

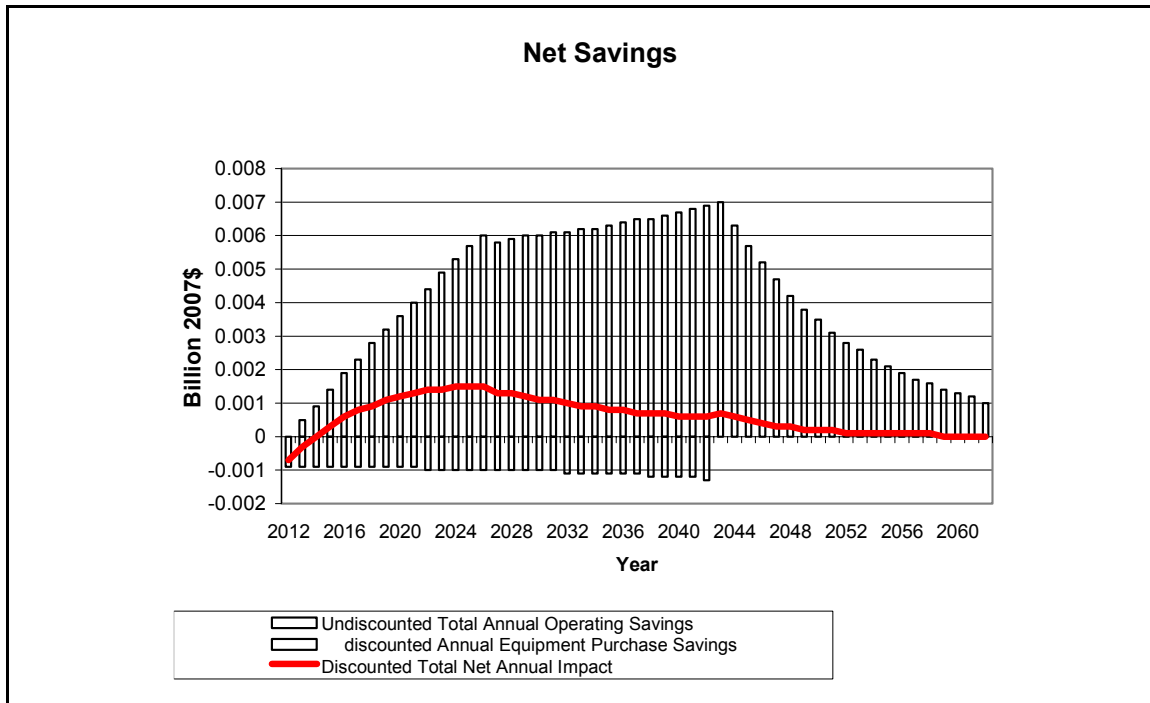


Figure I.16.4 National Annual Costs and Savings for HCT.SC.I, TSL 4

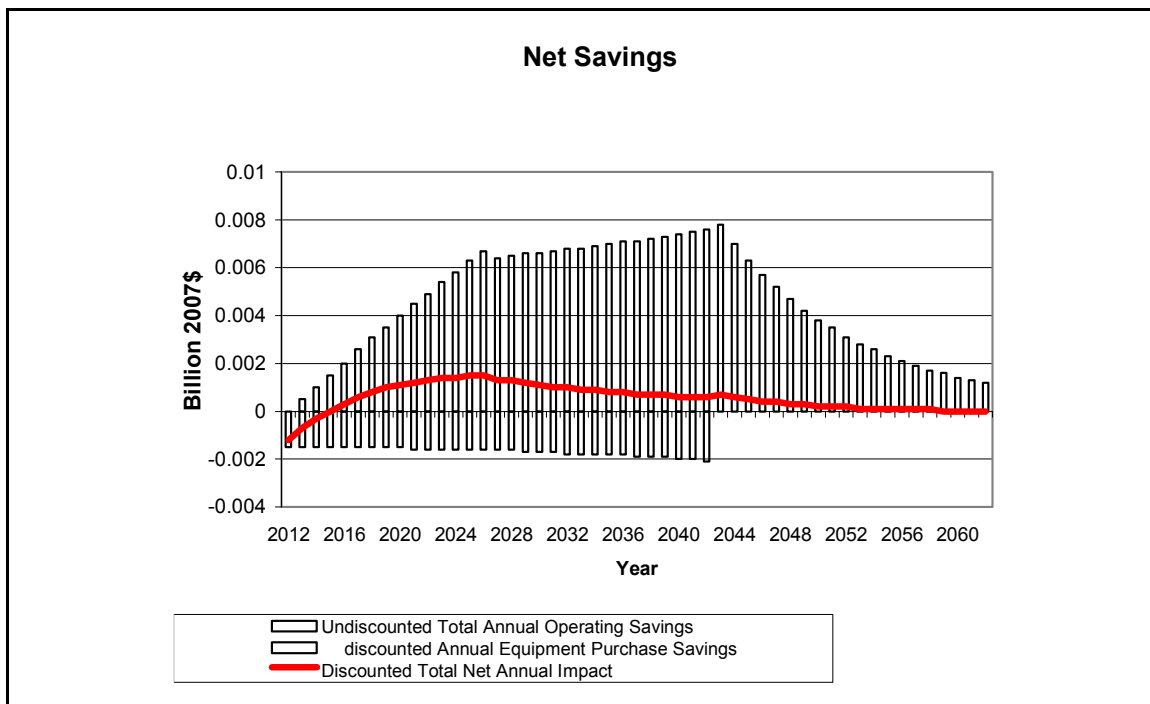


Figure I.16.5 National Annual Costs and Savings for HCT.SC.I, TSL 5

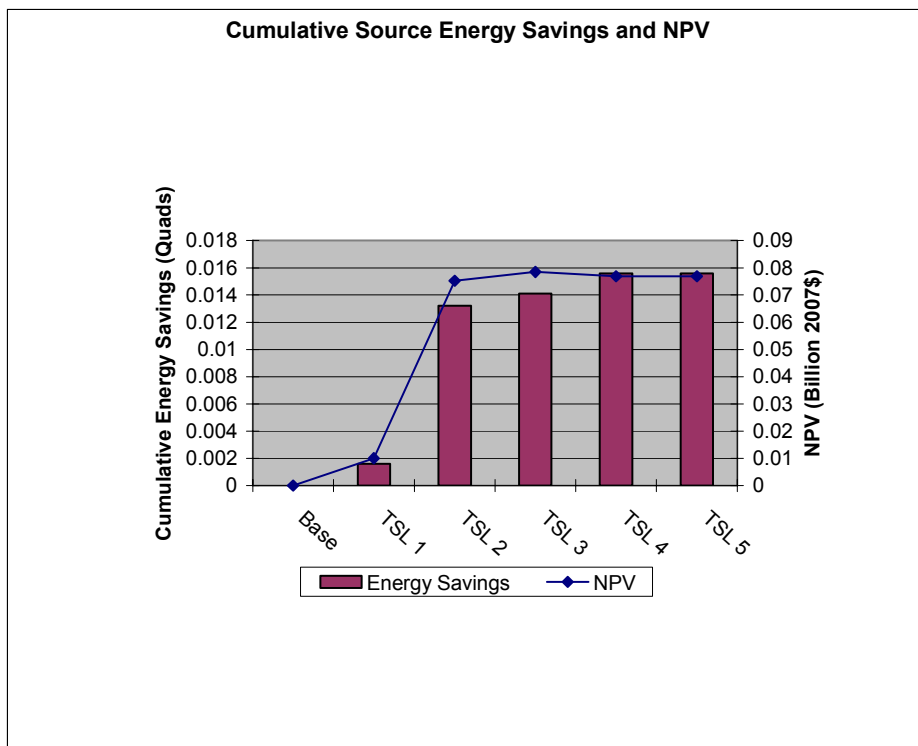


Figure I.16.6 Cumulative NPV Results for HCT.SC.I Based on a Three-Percent Discount Rate (Billion 2007\$)

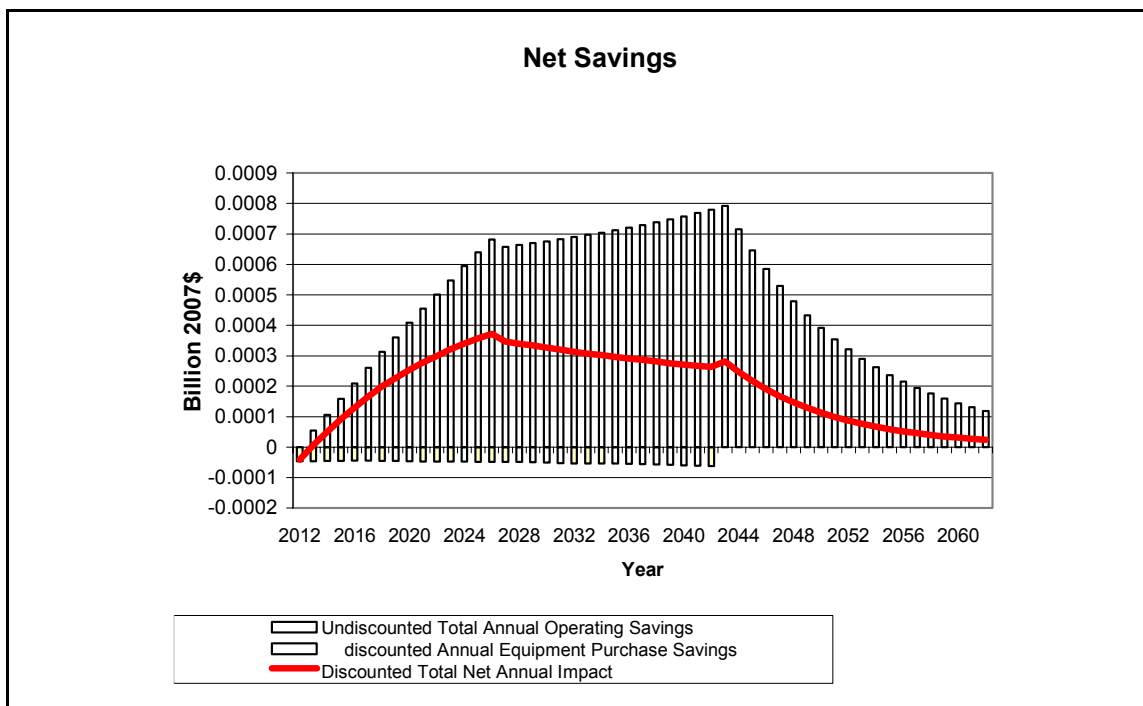


Figure I.16.7 National Annual Costs and Savings for HCT.SC.I, TSL 2

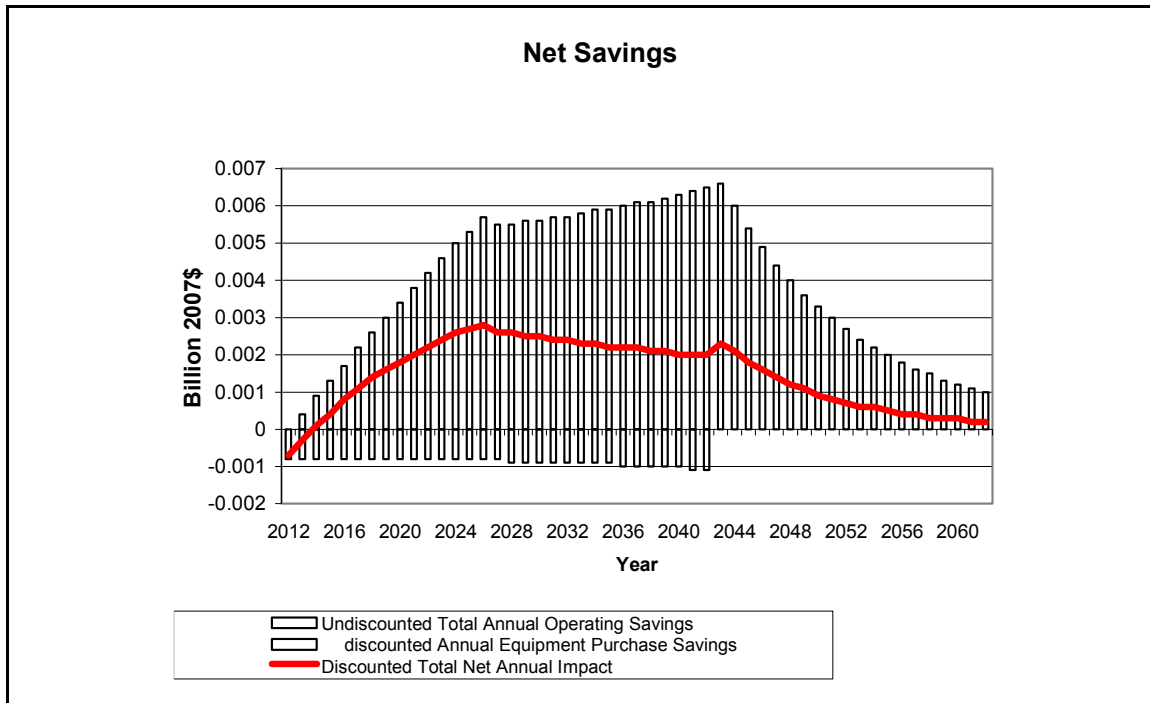


Figure I.16.8 National Annual Costs and Savings for HCT.SC.I, TSL 3

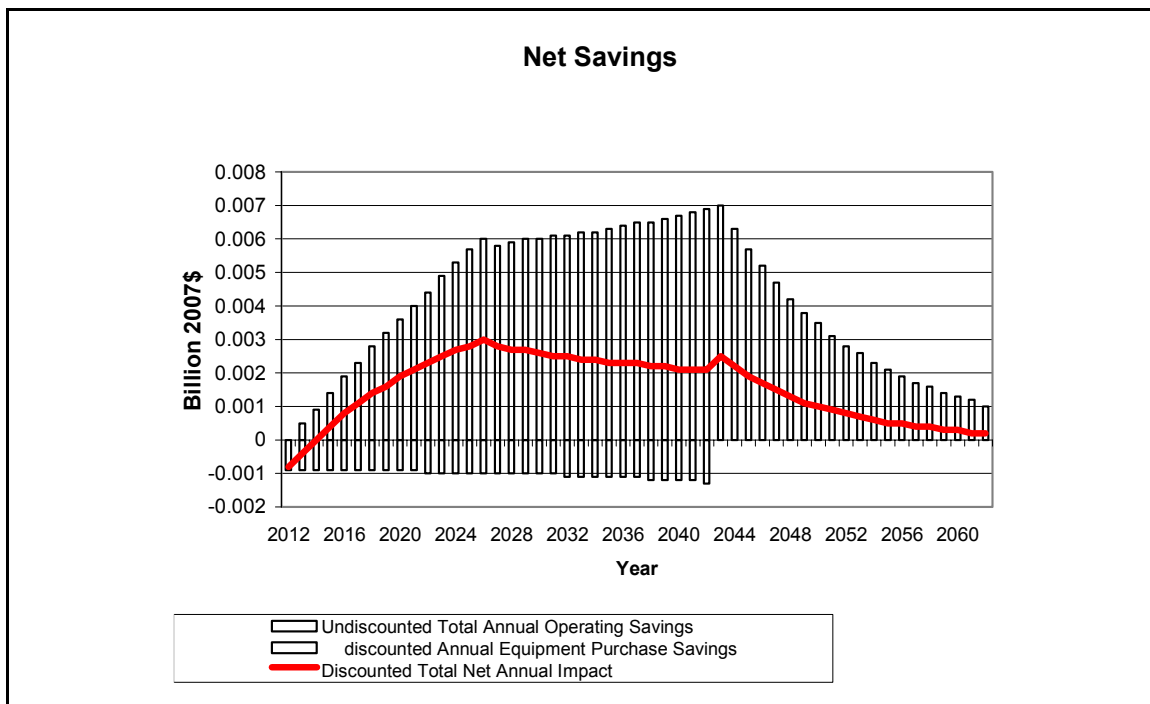


Figure I.16.9 National Annual Costs and Savings for HCT.SC.I, TSL 4

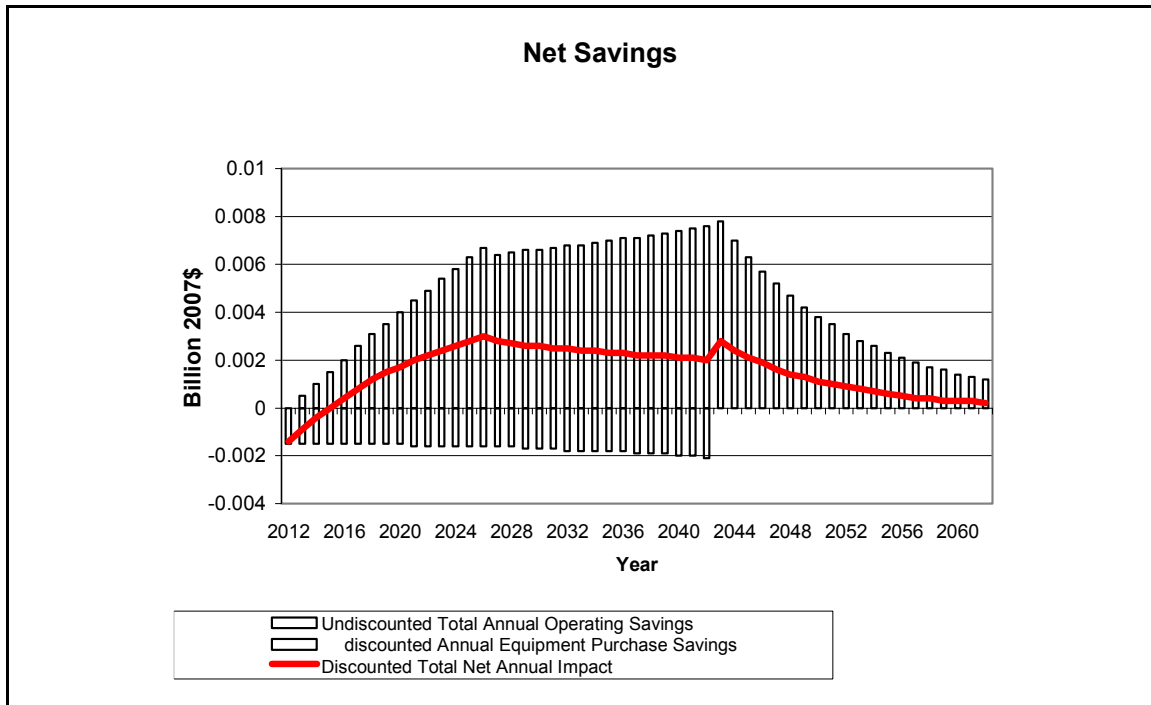


Figure I.16.10 National Annual Costs and Savings for HCT.SC.I, TSL 5