



ASSUMPTIONS

GENERAL ASSUMPTIONS

- ◆ There was no degradation in water savings over the time period of the analysis. Though there would actually be some degradation, two years of post-measure data was determined to be inadequate to establish a trend; therefore, no degradation was assumed.
- ◆ The participant group was assumed to be a representative sample of the control group.
- ◆ The Consumer Price Index (CPI) for All Urban Consumers published by the US Bureau of Labor Statistics was used as rate of inflation.
- ◆ Nominal Treasury Interest Rates listed in 'Guidelines & Discount Rate for Benefit-Cost Analysis of Federal Programs (Circular A-94), published by the Office of Management and Budget, was used as the discount rate.
- ◆ The water savings for all extrapolated years was assumed to be equal to the average water savings of the two years following the year analyzed.
- ◆ The billing rates for water at any given utility did not change over the period of analysis, unless otherwise noted.
- ◆ Any change in the difference between the participant group and the control group water use, from pre-measure to post-measure, was assumed to be due to the specific conservation program being analyzed.
- ◆ Lost revenue was not included as a cost or a benefit because it was assumed to be recovered over time through rate adjustments.
- ◆ We did not consider the avoided costs of infrastructure improvements, delivery, treatment, or increasing supply unless the utility provided those figures to us.
- ◆ Free ridership was not addressed in any analysis.
- ◆ Any information in the narrative not considered to be common knowledge was obtained from a questionnaire completed by the utility, unless otherwise cited.
- ◆ January 1st of the year in question is used as the start date for benefit calculations, unless otherwise indicated for a specific case.

AUDIT ASSUMPTIONS

- ◆ The lifespan of an audit was assumed to be 5 years, which was used as the period of analysis.

DEVICE GIVEAWAY ASSUMPTIONS

- ◆ The lifespan of the devices given out was assumed to be 5 years, which was used as the period of analysis.

WASHING MACHINE REBATE ASSUMPTIONS

- ◆ The lifespan of a RESIDENTIAL washing machine was assumed to be 12 years, which was used as the period of analysis.
- ◆ The lifespan of a COMMERCIAL washing machine was assumed to be 2 years, which was used as the period of analysis.

LANDSCAPE REBATE ASSUMPTIONS

- ◆ The lifespan of a landscape conversion was assumed to be 10 years, which was used as the period of analysis.

TOILET REBATE AND DISTRIBUTION ASSUMPTIONS

- ◆ The lifespan of a toilet was assumed to be 20 years, which was used as the period of analysis.

RATE CHANGE ASSUMPTIONS

- ◆ The lifespan of a rate structure change is 20 years, which was used as the period of analysis.

ORDINANCE ASSUMPTIONS

- ◆ The lifespan of the ordinance is assumed to be 10 years; which was used as the period of analysis.

SURCHARGE ASSUMPTIONS

- ◆ The lifespan of a surcharge is 5 years, which was used as the period of analysis.

CONSERVATION CLASSES

- ◆ The lifespan of a conservation class is 5 years, which was used as the period of analysis.