

ATTACHMENT 7. DISADVANTAGED COMMUNITIES

Table 1 shows the population of each district that resides in census tracts with CES 2.0 percentiles of at least 76%. The table shows that 79% of the combined population of the districts lives in such a census tract.

Table 1. Population Residing in Qualifying DAC Census Tracts

District	Total Population	Population in Census Tracts >=76th Percentile	Percent
Dominguez	153,431	91,100	59%
East LA	148,830	148,830	100%
TOTAL	302,261	239,929	79%

Benefits to DACs

Customers of both districts benefit from the reductions in the costs of imported water purchases due to the reduction in demand caused by the program. Those benefits continue over the life of the installed fixtures. The bulk of those benefits will accrue to program participants in the form of bill reductions due to lower usage.

Table 2 shows the present value of these benefits across all customers. It also shows the share of these benefits that will accrue to customers residing in the DAC-qualifying census tracts, assuming that these benefits are distributed equally across all tracts. It should be noted, however that, as described in Attachment 3 (Work Plan), Cal Water will make particular efforts to market the program to low income customers. This will increase the DAC share of the benefits above what is shown in Table 2. In any event, the share of benefits that is received by the DAC-qualifying census tracts exceeds 75%.

Table 2. Reductions in Purchases of Imported Water due to the Project

District	Present Value Reduction in Import Purchases	DAC Share	Percent
Dominguez	\$1,906,776	\$1,132,145	59%
East LA	\$1,211,928	\$1,211,928	100%
TOTAL	\$3,118,703	\$2,344,073	79%

In addition, program participants see reduced energy bills due to the decrease in the volume of water that must be heated for showers and faucets. Table 3 shows the present value of those participant energy bill savings.¹

¹ The figures assume gas water heating, which is the predominant water-heating type in California.

Table 3. Annual Energy Bill Savings for Participants in Bathroom Fixture Replacement Program

District	Present Value Reduction in Annual Energy Bill	DAC Share	Percent
Dominguez	\$271,581	\$161,251	59%
East LA	\$185,441	\$185,441	100%
TOTAL	\$457,022	\$346,691	79%

Table 4 shows the total present value of DAC economic benefits assuming that these benefits are distributed equally across all census tracts. These should be considered lower bounds on the DAC benefits that will ultimately accrue.

Table 4. Present Value of Economic Benefits to Disadvantaged Communities

District	Water	Energy	Total
Dominguez	\$1,132,145	\$161,251	\$1,293,396
East LA	\$1,211,928	\$185,441	\$1,397,368
TOTAL	\$2,344,073	\$346,691	\$2,690,764