

**EXHIBIT A**

**Attachment 1**

**BUDGET DETAILS**

This loan is made to the San Francisco Public Utilities Commission (“Borrower”) for an Energy Savings Project. The project consists of retrofitting 8,112 street light fixtures from HPS to LED throughout the City and County of San Francisco as detailed in table 1 below.

The Table below summarizes the estimated project cost(s), saving(s) and simple payback(s) for the entire project.

**TABLE 1: Estimated Energy Efficiency Project Savings:**

Project Description	Estimated project cost	CEC Loan Amount	Estimated Annual Cost Savings	Simple Payback* (Years)
Replace (3,912) 100-watt HPS fixtures with (3,912) 54-watt LED fixtures	\$2,419,057		\$103,322	
Replace (2,200) 150-watt HPS fixtures with (2,200) 91-watt LED fixtures	\$1,574,539		\$73,715	
Replace (1720) 200-watt HPS fixtures with (1720) 106-watt LED fixtures	\$1,299,181		\$89,499	
Replace (200) 250-watt HPS fixtures with (200) 139-watt LED fixtures	\$195,753		\$12,141	
Replace (80) 400-watt HPS fixtures with (80) 217-watt LED fixtures	\$91,760		\$7,411	
<b>Total</b>	<b>\$5,580,290</b>	<b>\$3,000,000</b>	<b>\$286,088</b>	<b>10.5</b>

\*Payback is based on the loan amount.

The Borrower shall implement all projects in Table 1. Failure to implement all projects may reduce the approved loan amount. If necessary, the reduced loan amount will be determined by multiplying the annual energy cost savings by 11 or the total project cost, whichever is less. If the Borrower has received disbursements that exceed the amount of the reduced loan, the Borrower shall refund the difference to the Energy Commission.