

Sustainability Report
Board of Trustees Meeting on April 12, 2016

Utility Usage Report

The District had changes in its utility use as shown in the table below.

Item #	Utility Type	Year over Year % Change
1	Electricity	1
2	Natural Gas	-8.7
3	Recycling	7.5
4	Landfill	6.2
5	Organic Matters	-32
6	Water	-24

Photovoltaic Production

The District realized savings of **\$181,987**. Without the photovoltaic production, the District would have paid an additional \$181,987 to its electricity providers.

Projects in progress

There are six (6) major sustainability projects in the pipeline. These projects are funded with a combination of Proposition 39 funds and rebates from the program partnership of the (CCC-IOU) California Community Colleges Chancellor's Office and the Investor Owned Utility that services our District. Projects at the College of Alameda are funded by Proposition 39 funds and rebates from Alameda Municipal Power. Building renovation and new construction are not factored in this count. The projects include:

Monitoring Based Commissioning (MBCx)

The District is undertaking the effort to implement monitoring based commissioning (MBCx) of fourteen (14) buildings. This project requires a significant commitment of time and resources. MBCx is a persistent set of energy-efficiency measures that the operations and run times of mechanical electrical and plumbing system, in order to achieve energy-usage reduction. The program requires state approval and evaluation to verify that our District achieves the energy reduction targets.

LED Lighting Upgrades

The District will undertake three (3) distinct LED interior lighting upgrade projects: (1) Berkeley City College, (2) Laney College Library, and, (3) College of Alameda Library. These initiatives will yield significant cost and maintenance savings over the life of the lamps.

Retrofit of Swimming Pool Heating System

The swimming pool will be retrofitted with a more robust, efficient, and reliable heating system and supply pipes.

Laney Theater controls retrofit

Laney Theater controls will be replaced with a more modern and efficient system. The current system has been in place since the Theater was built. A partial stage lighting upgrade will accompany the controls retrofit.

Sustainability Master Plan

The District will review proposals to create a sustainability master plan (SMP) that is customized for each campus and for the District Office. The SMP will support the Facilities Master Plan, which in turn supports the Education Master Plan.

Building Project Completed

The District completed and occupied the Barbara Lee Science and Allied Health Center. This project achieved LEED Gold Certification from the United States Green Building Council.