MCE SOLAR ONE

PROJECT OVERVIEW
MCE Solar One’s 10.5 MW solar system is producing 22,000 MWh per year of pollution–free electricity — enough to power over 3,900 homes annually.* The project was conceived by the Richmond community as a way to include renewable energy and solar facilities in the Chevron Modernization Project. MCE partnered with RichmondBUILD — which has successfully graduated hundreds of students and placed 80% of its graduates into well–paying jobs — to train and hire its skilled graduates for the project.

ENVIRONMENTAL AND LOCAL BENEFITS

» Eliminates 3,234 metric tons of carbon dioxide in one year, the equivalent of taking more than 680 fossil–fuel cars off of the road annually**
» Provides clean, local, renewable energy
» Repurposed 60 acres of a remediated brownfield site
» Supported 341 jobs
» Maximized local economic benefits by requiring a 50% local resident workforce and engaging Richmond–based contractors and suppliers

* Based on the projected annual output of MCE Solar One and the average residential usage within MCE’s service area.
** Based on MCE’s aggregate portfolio emission factor and the EPA’s greenhouse gas equivalencies calculator at: epa.gov/energy/greenhouse-gas-equivalencies-calculator

RICHMOND, CALIFORNIA
10.5 MW SOLAR FARM
Richmond community identifies an opportunity to include renewable energy features in the Chevron Modernization Project

Preliminary discussions began with Richmond, Chevron, and MCE about developing a solar farm on a remediated brownfield site on refinery property

MCE conducts a feasibility study

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CONTACT US
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