MCE SOLAR ONE

PROJECT OVERVIEW

MCE Solar One’s 10.5 megawatt (MW) solar system is producing 22,000 megawatt-hours (MWh) per year of pollution-free electricity — enough energy to power over 3,900 homes annually.* The project concept was initially conceived by the Richmond community as a way to include renewable energy and solar facilities in the Chevron Modernization Project. MCE teamed up with RichmondBUILD — which has successfully graduated hundreds of students and placed an impressive 80% of its graduates into well paying jobs — to train and hire its skilled graduates as green-collar employees 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
» Partnered with job-training program RichmondBUILD to train and hire local residents
» Maximized local economic benefits by requiring 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 for Chevron to include renewable energy features in the Chevron Modernization Project
» MCE has a preliminary discussion with Richmond and Chevron about developing a solar farm on a remediated brownfield site on refinery property
» MCE conducts a feasibility study

» MCE acts as Lead Agency for the Environmental Impact Report of the project and filed Notice of Determination
» MCE secures Design Review Board approval
» MCE receives utility interconnection from PG&E

2013
• Richmond City Council negotiated and approved the Environmental and Community Investment Agreement to include a $1/year land lease
• Site offered to MCE to develop a solar farm for community benefit
• Richmond requires a minimum 50% local hire for Richmond residents
• MCE consults with and receives endorsement from Community Power Coalition about building solar project on Chevron land
• MCE begins to identify developers for Chevron Modernization Project
• MCE applies for interconnection with PG&E

2014
• MCE issues a request for proposal for construction and financing services
• MCE engages with Cenergy and sPower to build and finance the project, respectively
• MCE submits building permit
• MCE hosts a groundbreaking ceremony

2015
• MCE begins to identify developers for Chevron Modernization Project
• MCE engages with Cenergy and sPower to build and finance the project, respectively
• MCE submits building permit
• MCE hosts a groundbreaking ceremony

2016
• MCE begins to identify developers for Chevron Modernization Project
• MCE applies for interconnection with PG&E

2017 & BEYOND
• MCE issues a request for proposal for construction and financing services
• MCE engages with Cenergy and sPower to build and finance the project, respectively
• MCE submits building permit
• MCE hosts a groundbreaking ceremony

MCE SOLAR ONE PARTNERS

MCE
Lead agency for all pre-development activities, leaseholder, energy off-taker
Chevron
Project site owner
Richmond
Municipal partner
S-POWER
Lead developer, financier, project owner
Cenergy
General contractor for engineering, procurement & construction
RB
Workforce training

MCE SOLAR ONE WORKFORCE

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<thead>
<tr>
<th>CONTRACTOR</th>
<th>LOCATION</th>
<th>UNION</th>
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<tr>
<td>Contra Costa Electric</td>
<td>Martinez</td>
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<td>Richmond</td>
<td>Laborers Union (Local 324), Operating Engineers (Local 3), and Steamfitters (Local 342)</td>
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<td>Russel Pacific</td>
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FUN FACTS
35,856 solar panels | 1,056,000 feet of wire | 2,284 — 1-ton concrete ballasts | 2,399 steel posts driven into the ground

CONTACT US
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