East Bay Community Energy
Local Development Business Plan

East Bay Community Energy- Community Advisory Committee Meeting
October 16, 2017

LDBP Project Team:

ALH ECON
ALH Urban & Regional Economics

Special Advisors:
Betony Jones & Gary Calderon
EBCE LDBP Project Team

ALH Urban & Regional Economics
Prime Contractor & Chief Economist
Amy L. Herman, Principal
aherman@alhecon.com
510.704.1599

The Offset Project
Project Management & Stakeholder Outreach
Chris Sentieri, Senior Project Manager
chris@theoffsetproject.org
831.224.3130

Clean Coalition
Solar Site Mapping & Tariff Design
Craig Lewis, Executive Director
craig@clean-coalition.org
650.796.2353

EcoShift Consulting
Energy Analysis & Scenario Planning
Zoe Elizabeth, Senior Consultant
zelizabeth@ecoshift.com
831.252.3514

Optony Inc.
Integrated Resource Assessment & Planning
Byron Pakter, Senior Program Manager
Byron.pakter@optonyusa.com
510.705.2811

Betony Jones
Labor & Workforce Advisor
betony.jones@gmail.com
530.563.8384

Gary Calderon
Energy Storage & Demand Response Advisor
gcalderon1@comcast.net
408.889.3206
EBCE LDBP Project- Org Chart
Four Pillars of Our LDBP Proposal

1) Integral Community/Stakeholder Engagement
   • Receive Input: Stakeholder Focus Groups & Surveys
   • Interactive Review of Work Products: Stakeholder Workshops

2) Rigorous Distributed Energy Resource Assessments
   • Demand-side Management Resources (i.e., EE, DR)
   • Distributed Generation (i.e., Solar PV, Wind, Biogas/Biomass)
   • Dispatchable Resources (i.e., Energy Storage, Microgrids, V2G)

3) Reliable Financial and Economic Impact Analysis
   • IMPLAN Economic Impact Modeling

4) Expert Scenario Planning and Development
   • Innovative Scenario Evaluation
   • Recommended Scenario and Local Resource Mix
## EBCE LDBP Development Tasks

<table>
<thead>
<tr>
<th>Task #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Grid-side DER Assessment: Solar/Wind Siting Surveys &amp; Large-scale DER Potential</td>
</tr>
<tr>
<td>2</td>
<td>Customer-side DER Assessment: Hot-spot Analysis, Heat Maps, EE &amp; DR Potential</td>
</tr>
<tr>
<td>3</td>
<td>Development Models and Strategies: Feed-in Tariff Design, NEM, OBF, Agency as Developer</td>
</tr>
<tr>
<td>4</td>
<td>EBCE Development Issues: Labor/WFD Policies, Financing, Ownership Models</td>
</tr>
<tr>
<td>5</td>
<td>Implementation and Policy Issues: Contracting, Permitting, Equity, Citizen Participation</td>
</tr>
<tr>
<td>6</td>
<td>Integrated Resource Planning: Integrating Local Resources w/Long-term Planning</td>
</tr>
<tr>
<td>7</td>
<td>Preliminary Plan Scenarios: Scenario Modeling, Fiscal/Economic Impacts, Final LDBP</td>
</tr>
</tbody>
</table>
Adjusted Project Timeline

Current Schedule for Completion:
Final LDBP to be delivered by April 13, 2018
(Note - This was extended from original target date of October 13, 2017)

Reasons for Adjusted Timeline:
1) Delays receiving critical inputs
   a) Energy Consumption Data (PG&E)
   b) EBCE Forecast & Budget Pro Formas (RS2/EES)
2) Request from EBCE CEO (Nick Chaset)