### Program Name / Project Descriptions

**Sonoma County Junior College District**

**LED Lighting and Lighting Controls Retrofit**

- To replace and retrofit all the lights and lighting controls for 15 buildings that reside in two of the Junior College District’s largest teaching sites.

**SRJC Petaluma and Public Safety Training Center**

**Energy Sub-Meter Retro-Commissioning and Energy Use Reports**

- Confirmation that recently installed sub-meters at two of the District’s teaching sites, were recording accurate energy usage over the past year
- Creation of insightful, and useful energy use reports for both of these sites, that would be presented to the perspective Facility Manager of that site.

### Achievements / Results / Outcomes

**Sonoma County Junior College District**

**LED Lighting and Lighting Controls Retrofit**

- Projected to achieve a 65% reduction in demand due to lighting
- Awarded a custom rebate of over $100,000
- The project, while still in the planning process, is slated to be completed May 2020.
- The first six of these building is slated be completed in December 2019.

**Petaluma Campus and Public Safety Training Center**

**Energy Sub-Meter Retro-Commissioning and Energy Use Reports**

- Petaluma Campus Meters now match the PG&E Account Meter
- Reports on energy use has been presented before respective Facilities Managers
- Confirmation that the ACM for Public Safety was reporting the wrong values

<table>
<thead>
<tr>
<th>District</th>
<th>Wide Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Buildings</td>
<td>15</td>
</tr>
<tr>
<td># of Fixtures</td>
<td>9885</td>
</tr>
<tr>
<td># of Replacements</td>
<td>9909</td>
</tr>
<tr>
<td>Existing KW</td>
<td>621.61</td>
</tr>
<tr>
<td>Proposed KW</td>
<td>215.69</td>
</tr>
<tr>
<td>Reduction Avg.</td>
<td>65%</td>
</tr>
</tbody>
</table>

### Lessons Learned / Fellow Experience

- Always Double and Triple Check your work
- Keep detailed notes on progress made on all projects
- Second and Third opinions are always valuable
- Coordination and Communication are vital to the success of any project

**Austin Beach**

Graduated Cum Laude from Sonoma State University in Summer 2018 with a B.S in Environmental Studies and Planning

**Acknowledgements:**

David Liebman, Allison Jenks, Sloane Pagal, Sonoma County Junior College District, and PG&E