A DAY IN THE LIFE OF A BEE PROJECT

An Overview of the Brown Energy Efficiency Tool for the Casual Observer
STEP ONE (The log-in)
STEP TWO (Select Your Activity)

Only Administrators have access to the Maintenance Module
STEP THREE (let’s pretend you picked Projects)

From here you can create your own customized reports, which you can then designate as “private” (for your eyes only) or “public” (anyone with BEE access can view)
STEP FOUR (Select a Project)

The main screen of every project will open with the same six tabs, the first being general information about the project.
STEP FIVE (Explore the message board)

This is where you can enter messages to team members, who will receive an email that a message has been entered.
STEP SIX (Explore the Creation Checklist)

All boxes must be checked before a project will be triggered for engineering review, who then triggers a project manager review, who then triggers a final Director approval (or rejection).
STEP SEVEN (Explore the attached files)

Files that are relevant to the entire project will be attached at this level. Files that are relevant only to a particular measure will be attached at the measure level, as well shall see later.
STEP EIGHT (Explore the measures)

This window allows you to see a summary of each measure. This report is customizable similar to the project level reports. If we select a specific measure we can drill down deeper. Let’s do that next.
STEP NINE (Explore a specific measure)

In the “General” tab of a specific measure, you will see general information about that measure as well as … [go to next slide]
STEP TEN (Explore a specific measure’s comments)

This is where our contractor enters comments, justifications, and proposed solutions to the proposed measure. It is also where … [go to next slide]
STEP ELEVEN (Explore a specific measure’s comments, cont’d)

This is also where our engineer makes comments and recommendations and our project manager tracks implementation.
STEP TWELVE (Explore a specific measure’s costs)

This is where our contractor enters estimated costs and our project manager enters actual costs upon completion of the project.
STEP THIRTEEN (Explore a specific measure’s fuel savings)

This is where our contractor enters estimated savings and our Director enters actual savings upon completion of the project.
STEP FOURTEEN (Explore the GHGR Values)

These values are the same for all measures on all projects.

<table>
<thead>
<tr>
<th>Fuel</th>
<th>Unit Type</th>
<th>Unit Constant</th>
<th>CO2 Factor</th>
<th>CH4 Factor</th>
<th>N2O Factor</th>
<th>GWP CH4</th>
<th>GWP N20</th>
</tr>
</thead>
<tbody>
<tr>
<td>#2 Oil</td>
<td>BBL</td>
<td>3</td>
<td>10.04</td>
<td>2</td>
<td>6</td>
<td>21</td>
<td>310</td>
</tr>
<tr>
<td>#6 Oil</td>
<td>BBL</td>
<td>3</td>
<td>11.677</td>
<td>2</td>
<td>6</td>
<td>21</td>
<td>310</td>
</tr>
<tr>
<td>Electricity</td>
<td>kWh</td>
<td>1</td>
<td>0.0001107-92</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Natural Gas</td>
<td>MCF</td>
<td>3</td>
<td>0.0522</td>
<td>4.75</td>
<td>0.495</td>
<td>21</td>
<td>310</td>
</tr>
</tbody>
</table>
STEP FIFTEEN (Explore a specific measure’s rebates)

If a rebate applies, it gets entered here and is calculated into the estimated net cost of the measure.
STEP SIXTEEN (Explore a specific measure’s files)

Files specific to the measure are attached at the measure level.
STEP SEVENTEEN (Explore a specific measure’s calculations)

The internal rate of return calculations are based on costs, fuel savings, measure life, and rebates.
STEP EIGHTEEN (Explore the project milestones)

The milestones change depending on project type.
QUESTIONS OR REQUESTS FOR INFORMATION

Christopher Powell
Director of Sustainable Energy and Environmental Initiatives

Christopher_Powell@Brown.edu