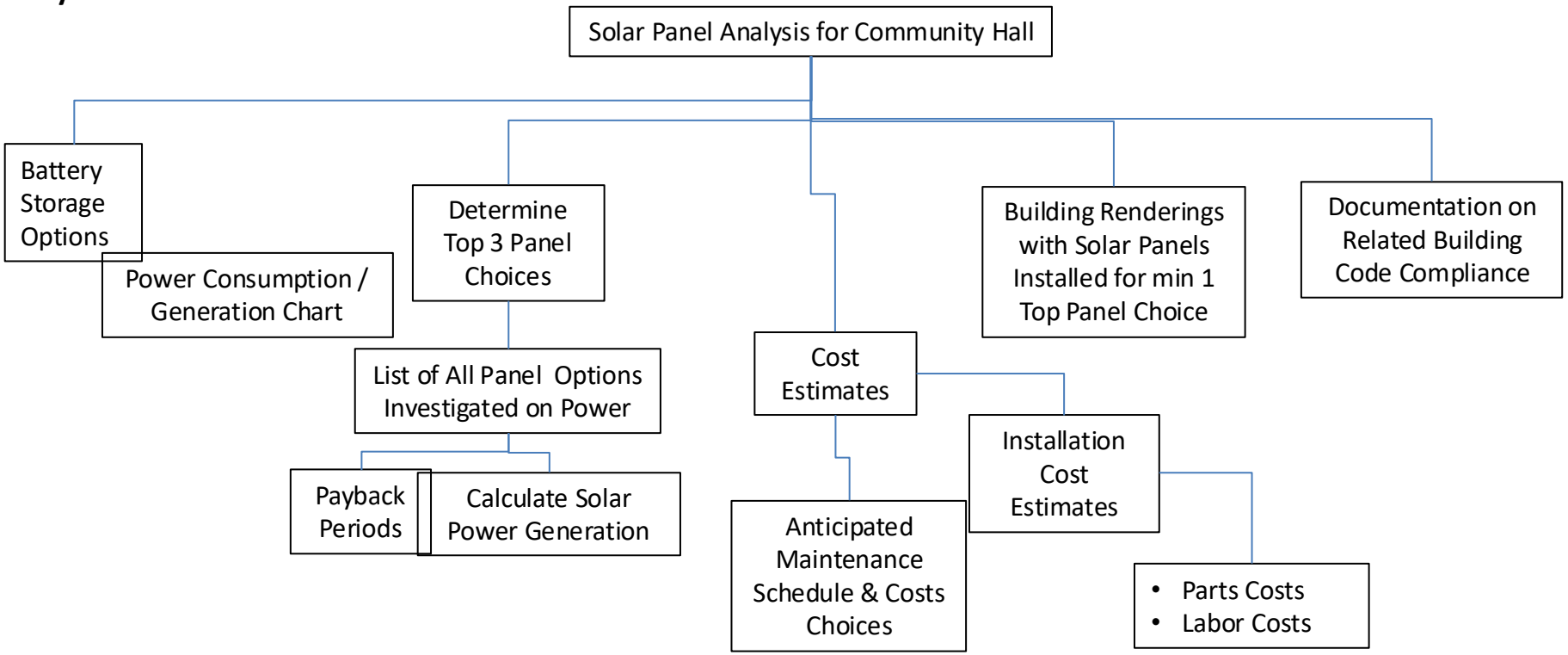
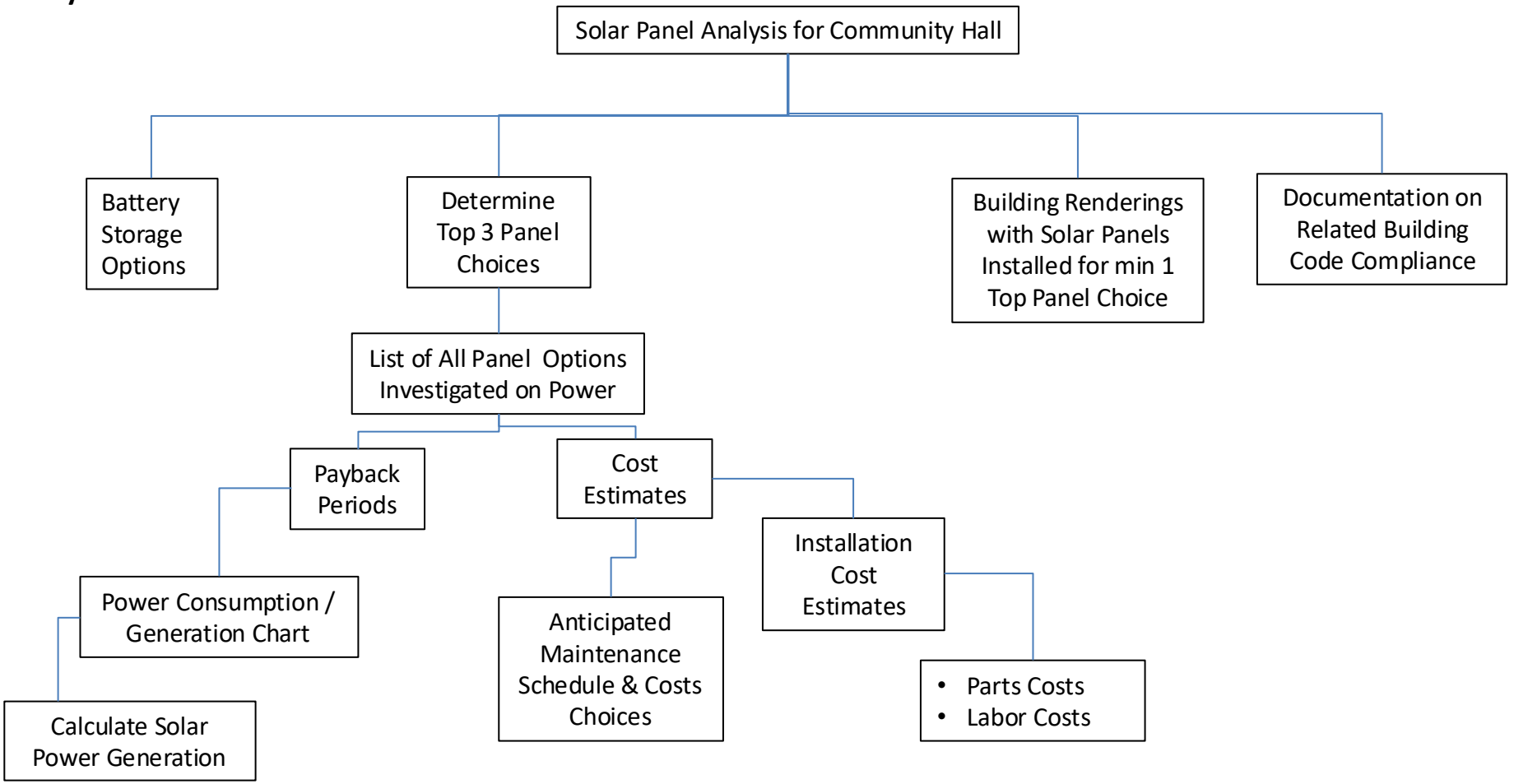
Analysis



This is a first pass at the deliverables that need to be completed in order to satisfy the "analysis". Some are broken down further. Some aren't even connected in yet. It is clear already though that some structure is beginning to take shape but that most, if not all, of these will have to be explored further.

Notice that boxes aren't placed precisely. They're most likely going to be added to / moved around later anyways.

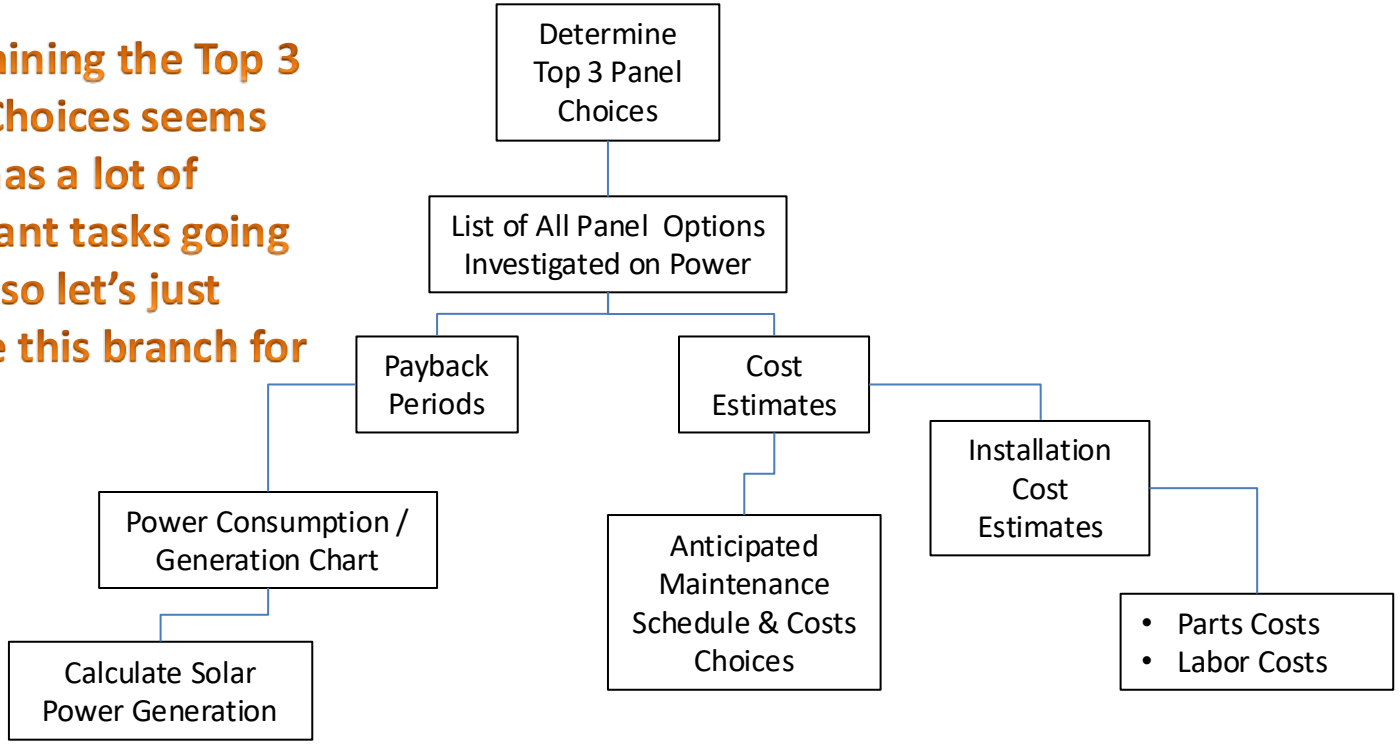
Analysis



Just a little bit of organization. We noticed that we're going to need as part of the list of panels, cost estimates for most, if not all, all of panel types we investigate (unless maybe a panel type is really bad in some other way and its cost isn't worth looking into.) So we moved the cost estimates and moved under the list.

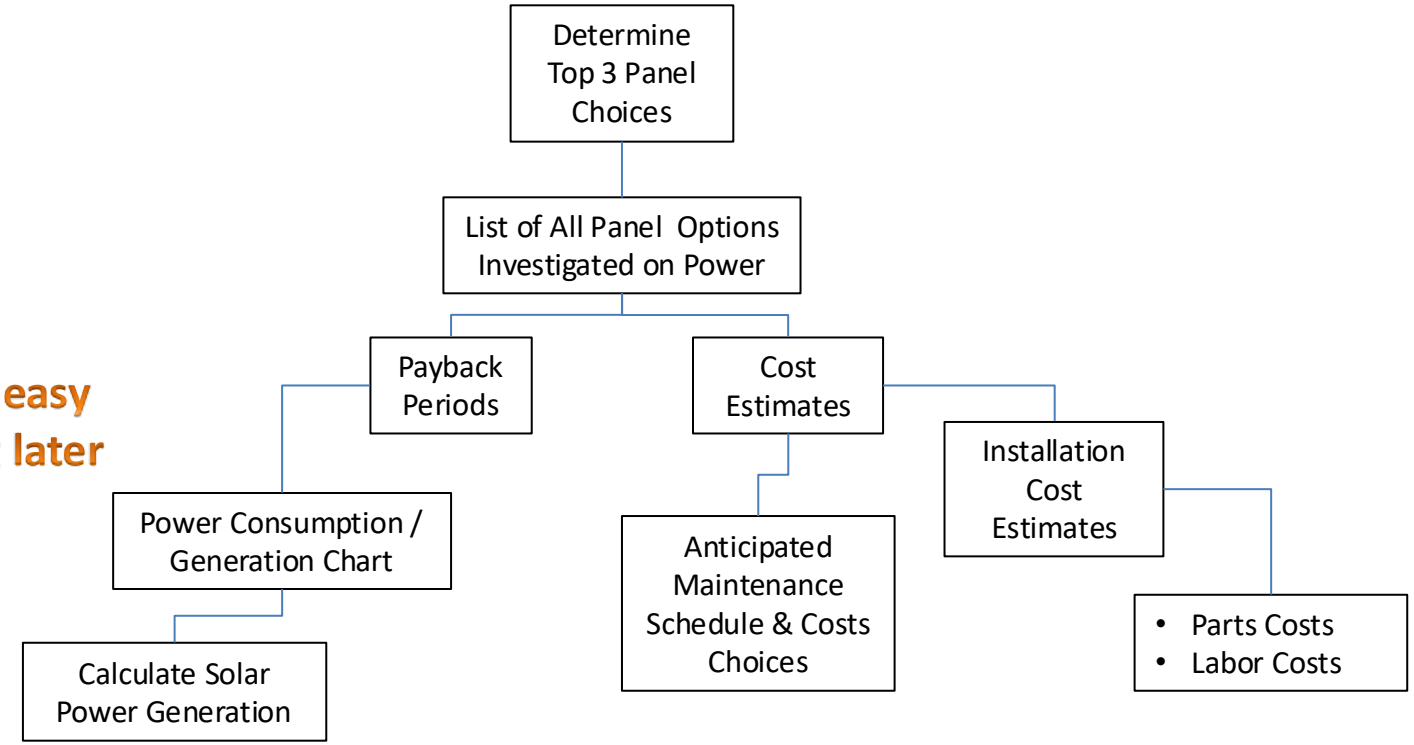
We may find we want to move it again later and that's certainly okay. This is still a very rough, just get the ideas down on paper, level of work.

Determining the Top 3 Panel Choices seems like it has a lot of important tasks going into it, so let's just explore this branch for a bit



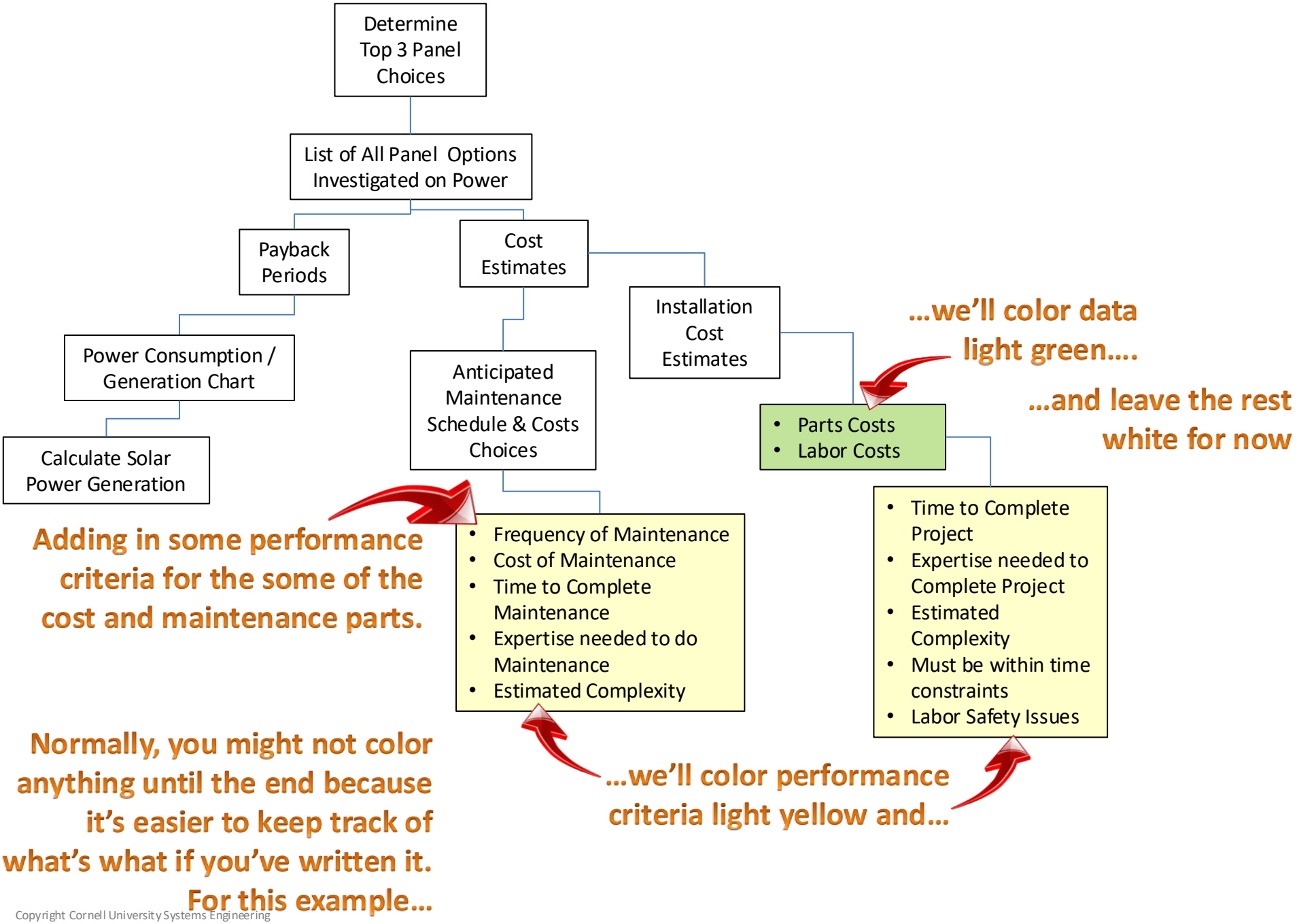
Analysis.3Panels

Notice the branch is labeled for easy referencing later on

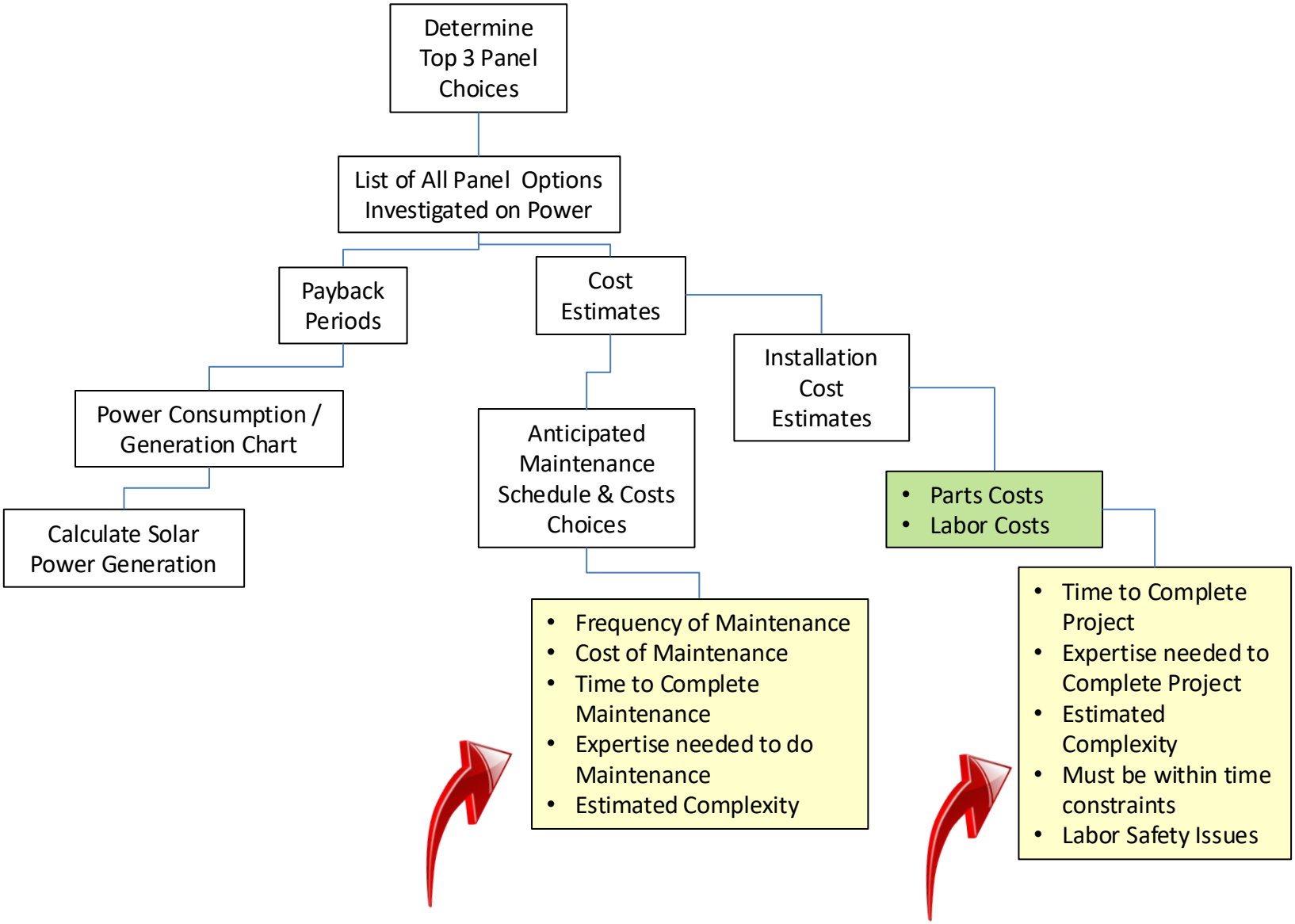


You can give it any name you want. It's just best to make sure it has a clear and unique meaning.

Analysis.3Panels



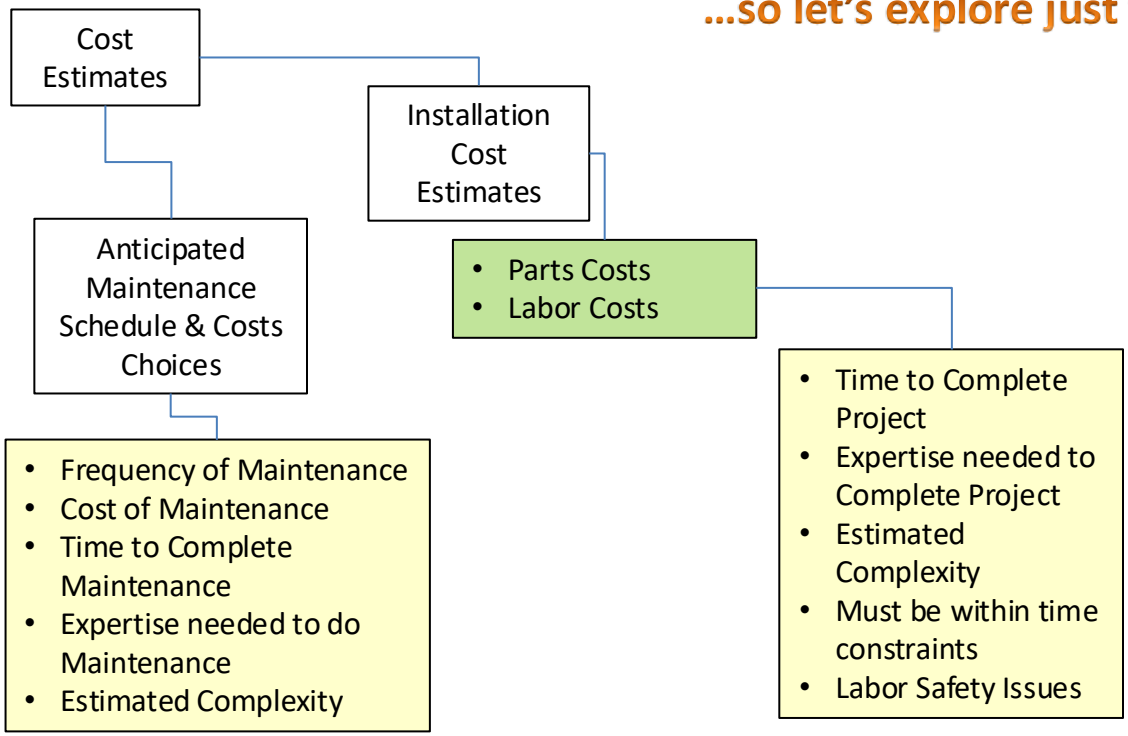
Analysis.3Panels



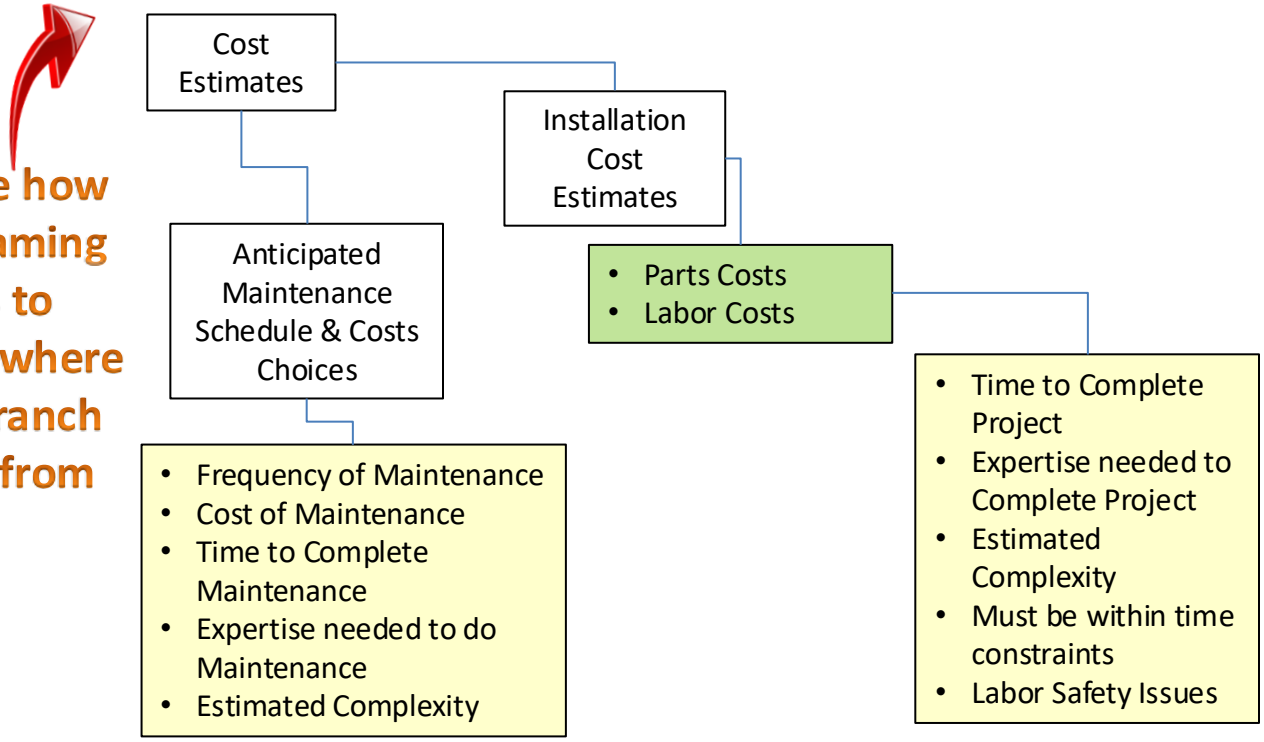
The newly added performance criteria for the some of the cost and maintenance parts, makes it clear that there's going to be a lot more to do here…

Analysis.3Panels.CostEst

…so let's explore just this cost branch



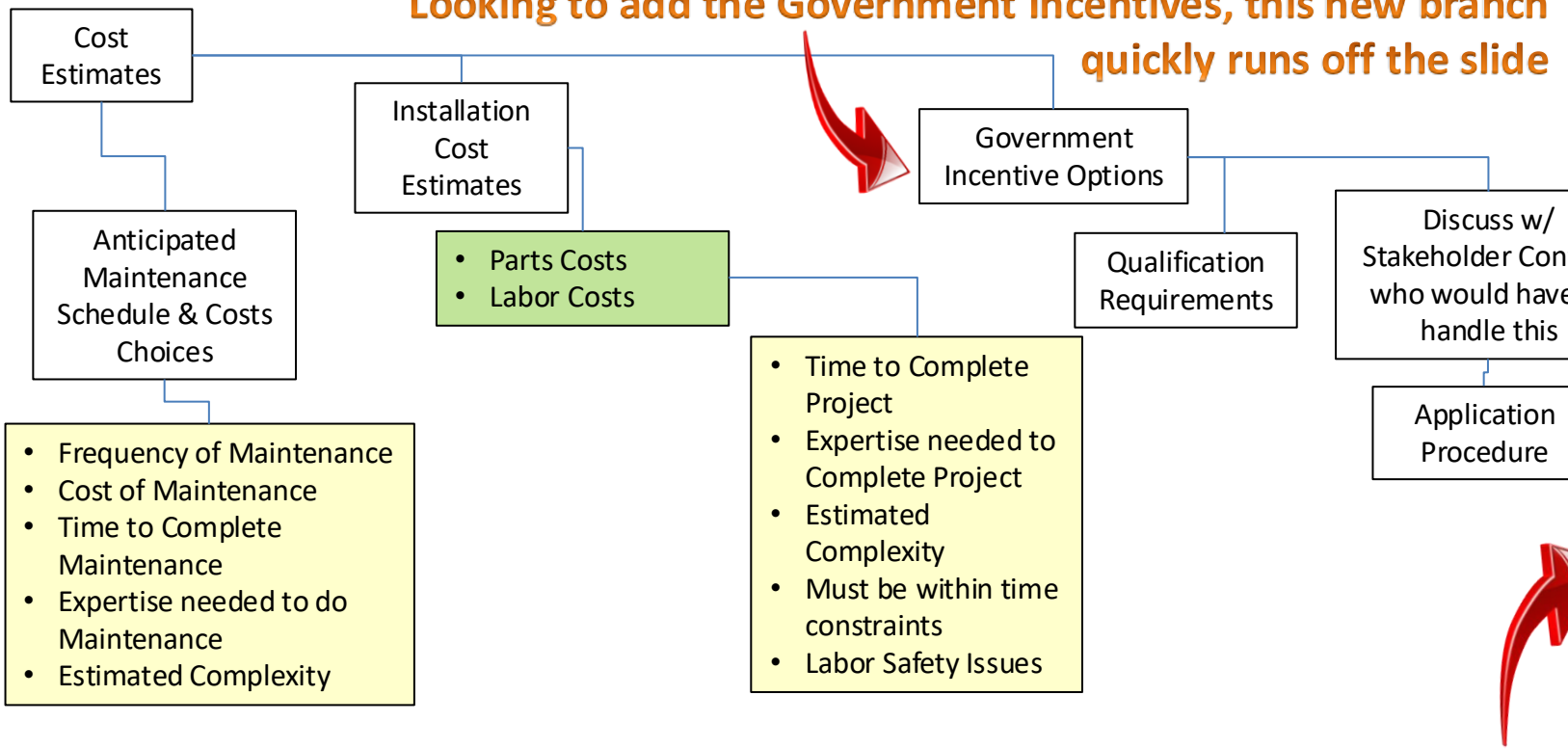
Analysis.3Panels.CostEst



Notice how the naming grows to show where this branch came from

The following slides share some thoughts on how this branch is grown further…

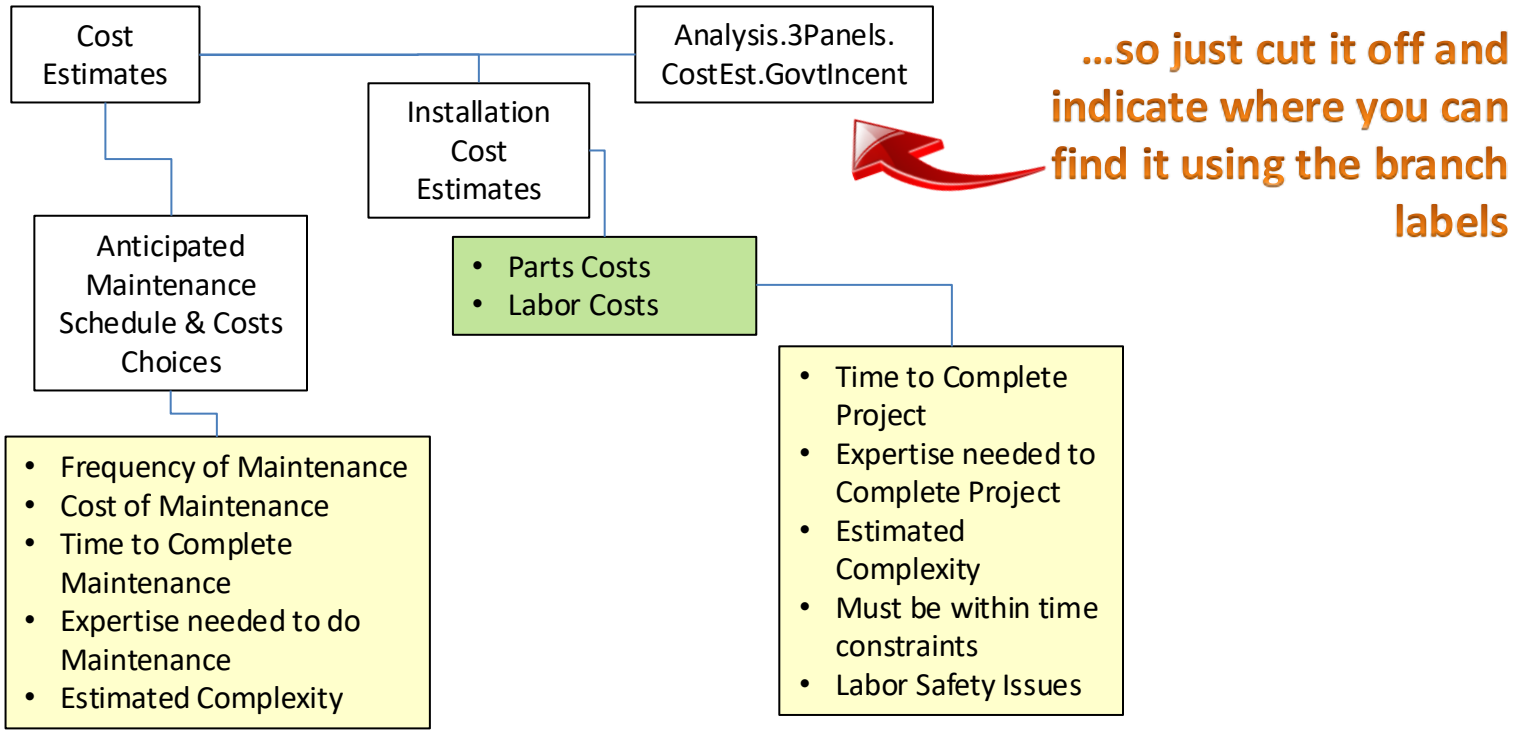
Analysis.3Panels.CostEst



Looking to add the Government Incentives, this new branch quickly runs off the slide

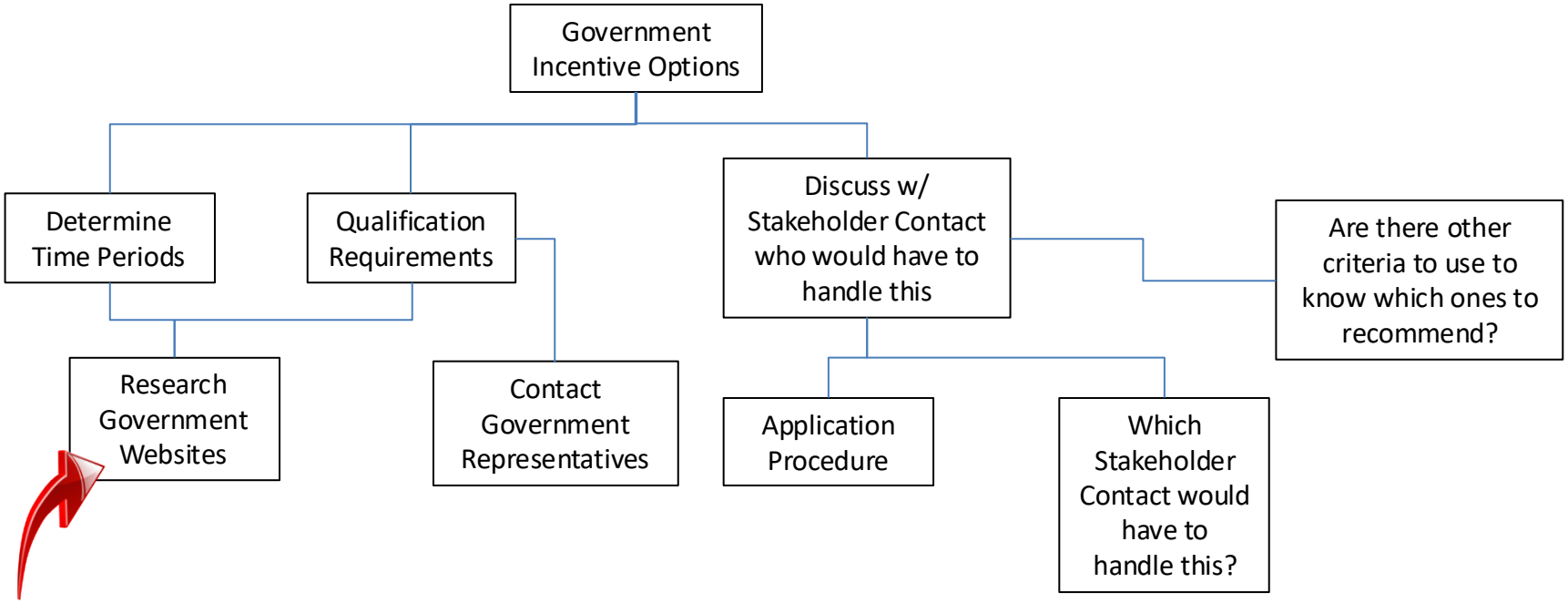
That's not uncommon while you're in the middle of working on this...

Analysis.3Panels.CostEst



…so just cut it off and indicate where you can find it using the branch labels

Analysis.3Panels.CostEst.GovtIncent



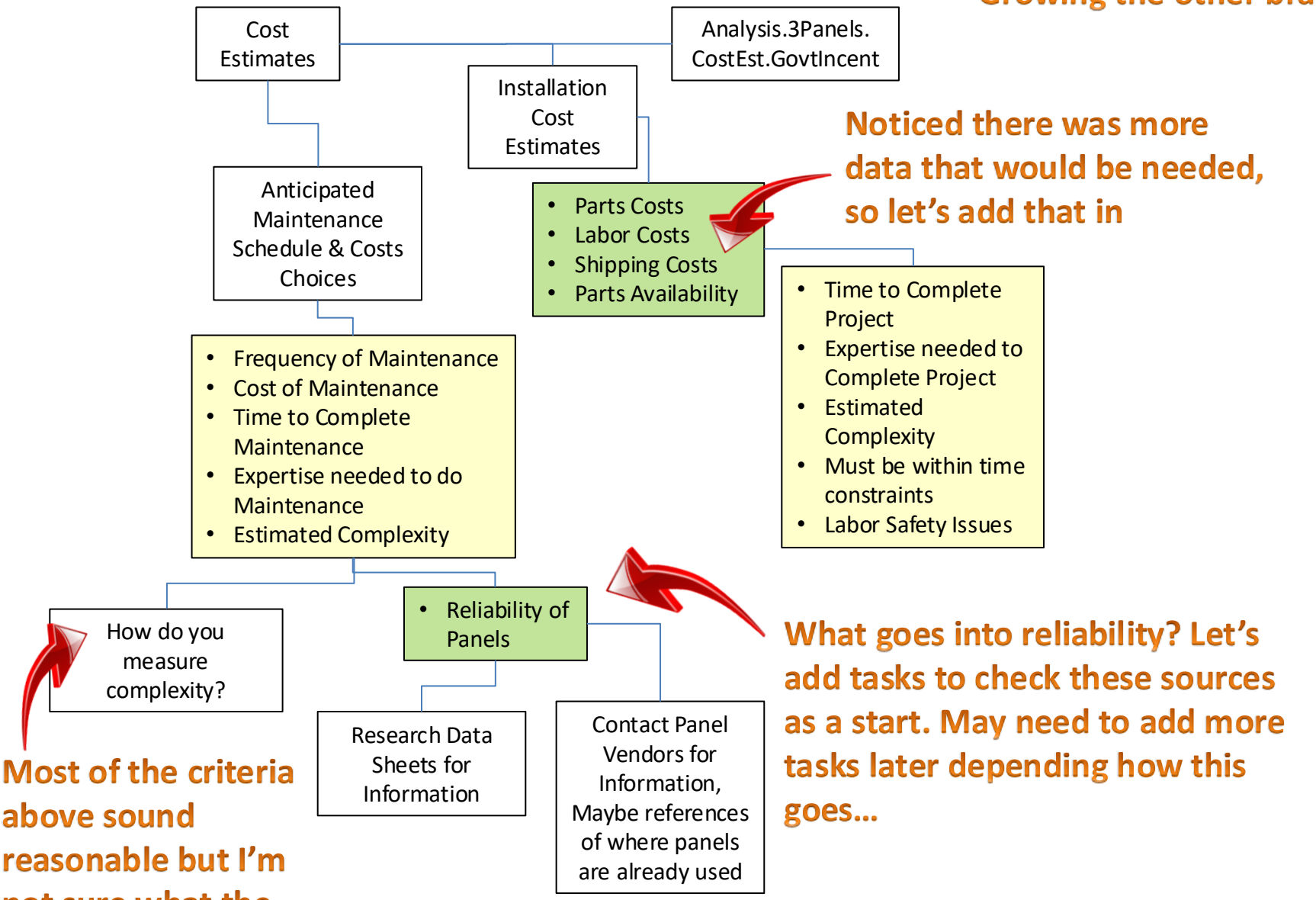
Whether to repeat this node for each higher-up-the-branch-node, or connect this node to both higher-up-the-branch-nodes, as is done here, depends on the situation. Most of the time you'll want to repeat the node, but here we believe that both higher-up-the-branch-nodes' needs can be easily met at the same time while addressing this node so its okay we didn't repeat this node.

Said another way, the person who does the "Research Government Websites" task can meet both the "Determine Time Periods" and "Qualification Needs" at the same time more easily than if you asked two people to address "Determine Time Periods" and "Qualification Needs" separately.

Now back to the main Cost Estimates branch…

Analysis.3Panels.CostEst

Growing the other branches…

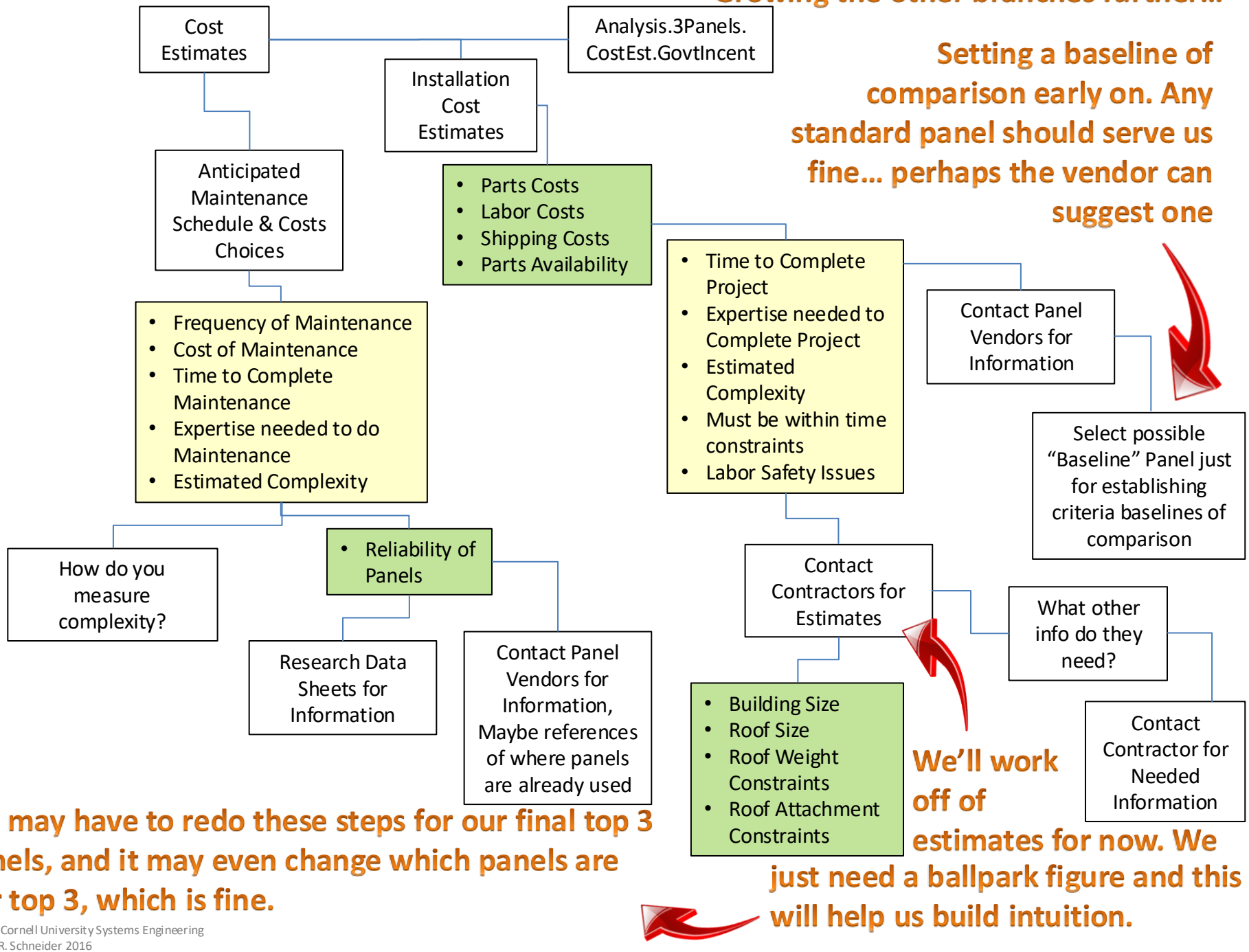


Noticed there was more data that would be needed, so let's add that in

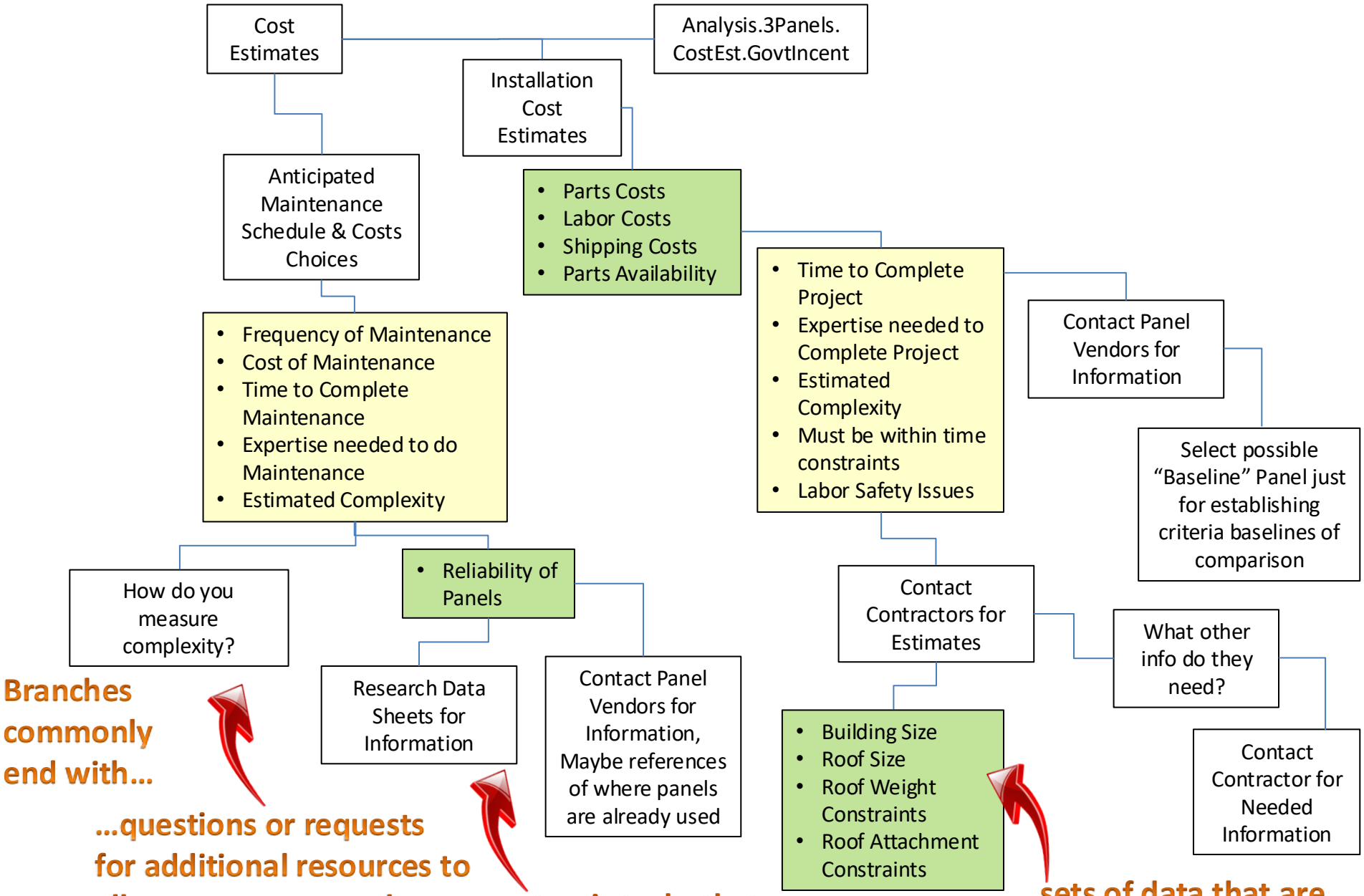
What goes into reliability? Let's add tasks to check these sources as a start. May need to add more tasks later depending how this goes…

Most of the criteria above sound reasonable but I'm not sure what the stakeholder means by complexity… We're going to have to find out

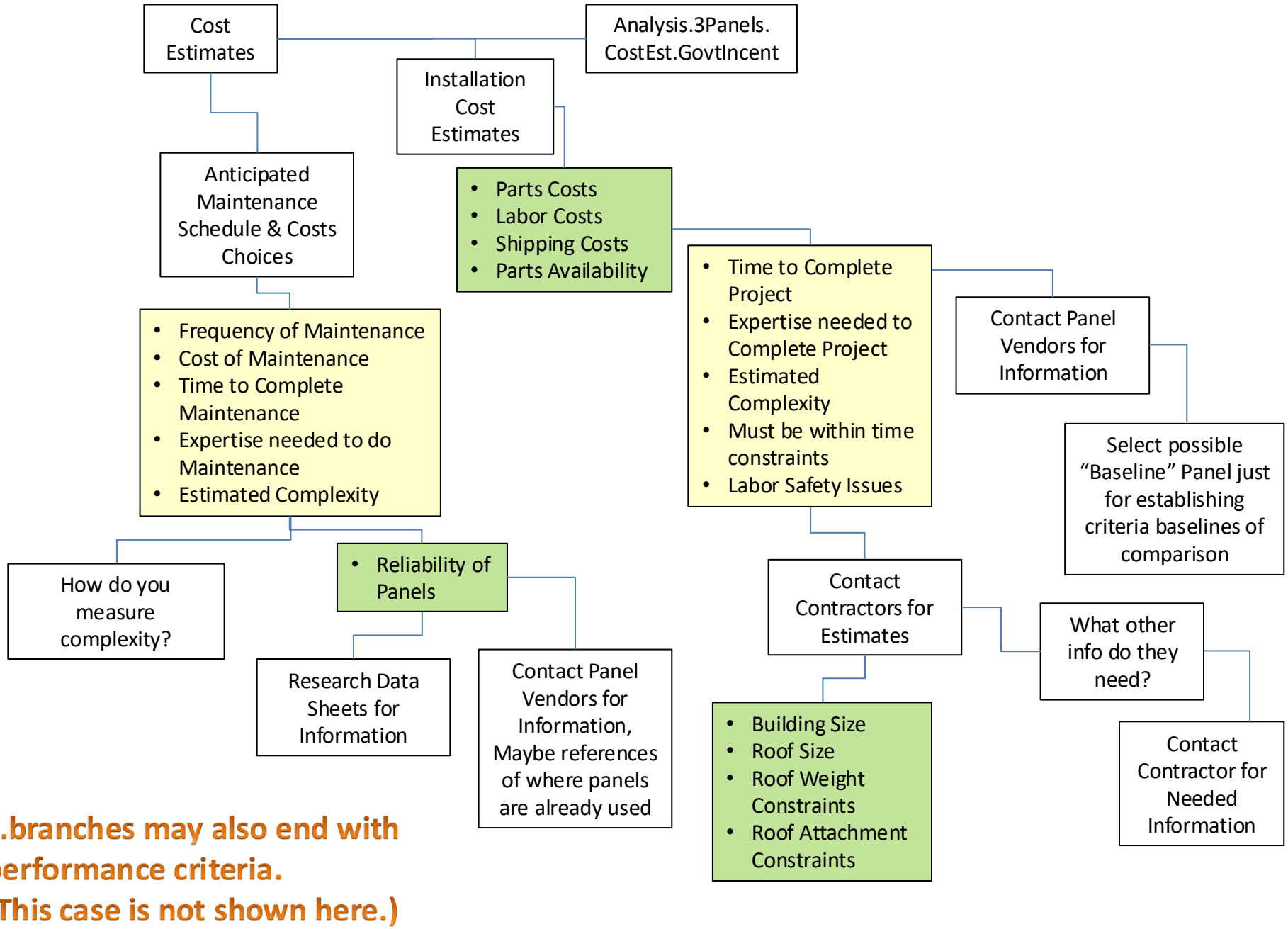
Analysis.3Panels.CostEst



Analysis.3Panels.CostEst

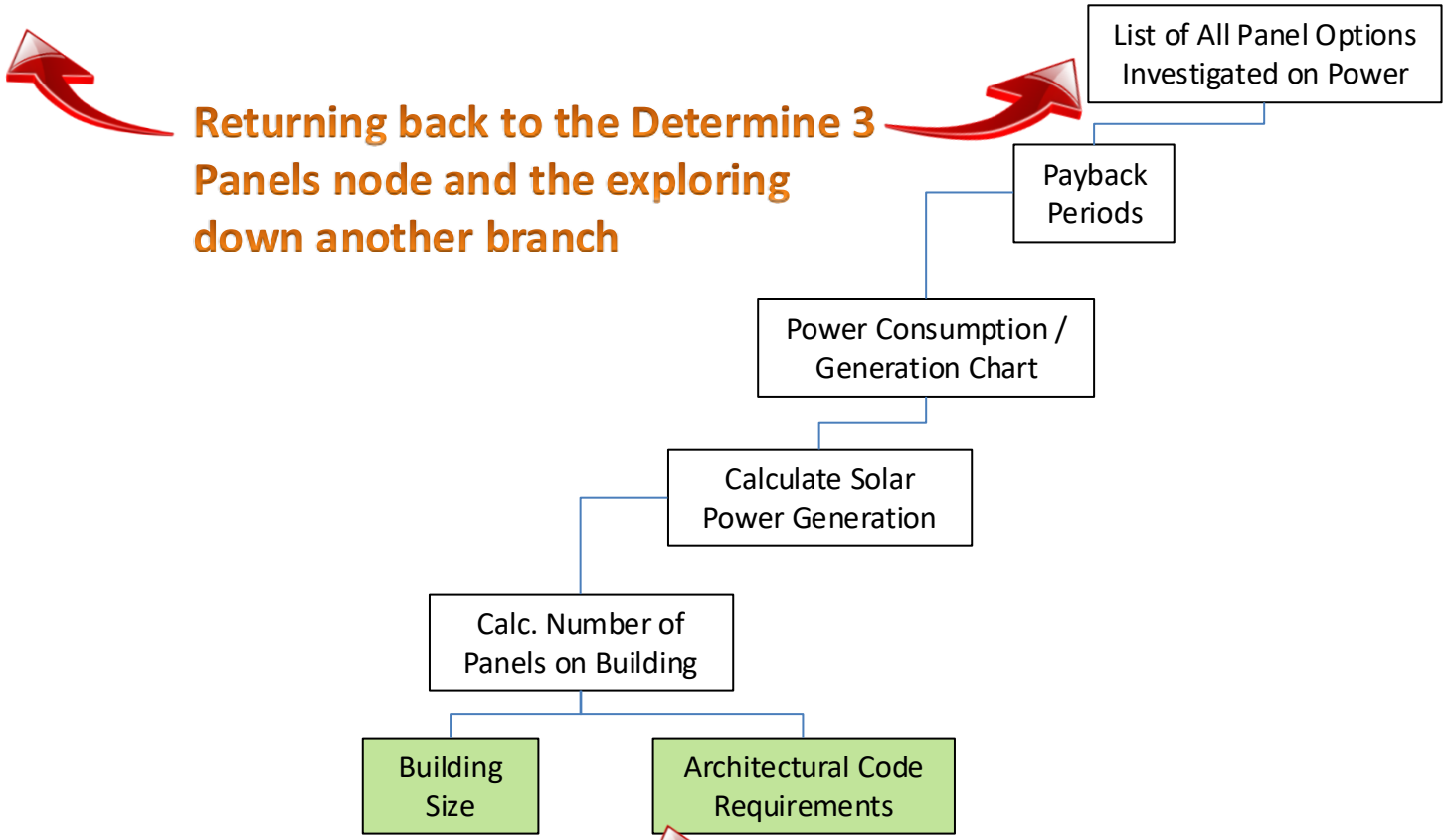


Analysis.3Panels.CostEst



...branches may also end with performance criteria.
(This case is not shown here.)

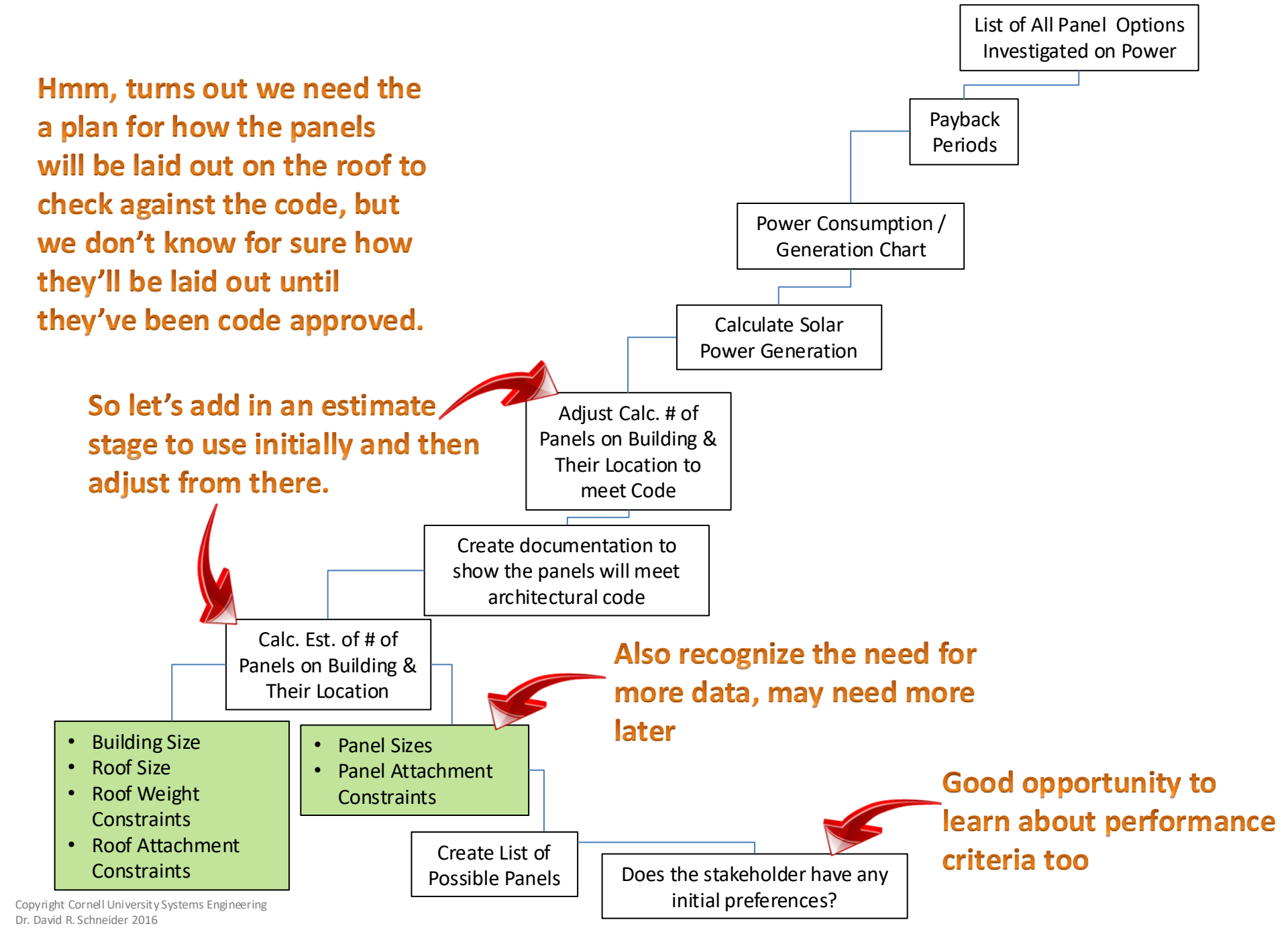
Analysis.3Panels.PanelList



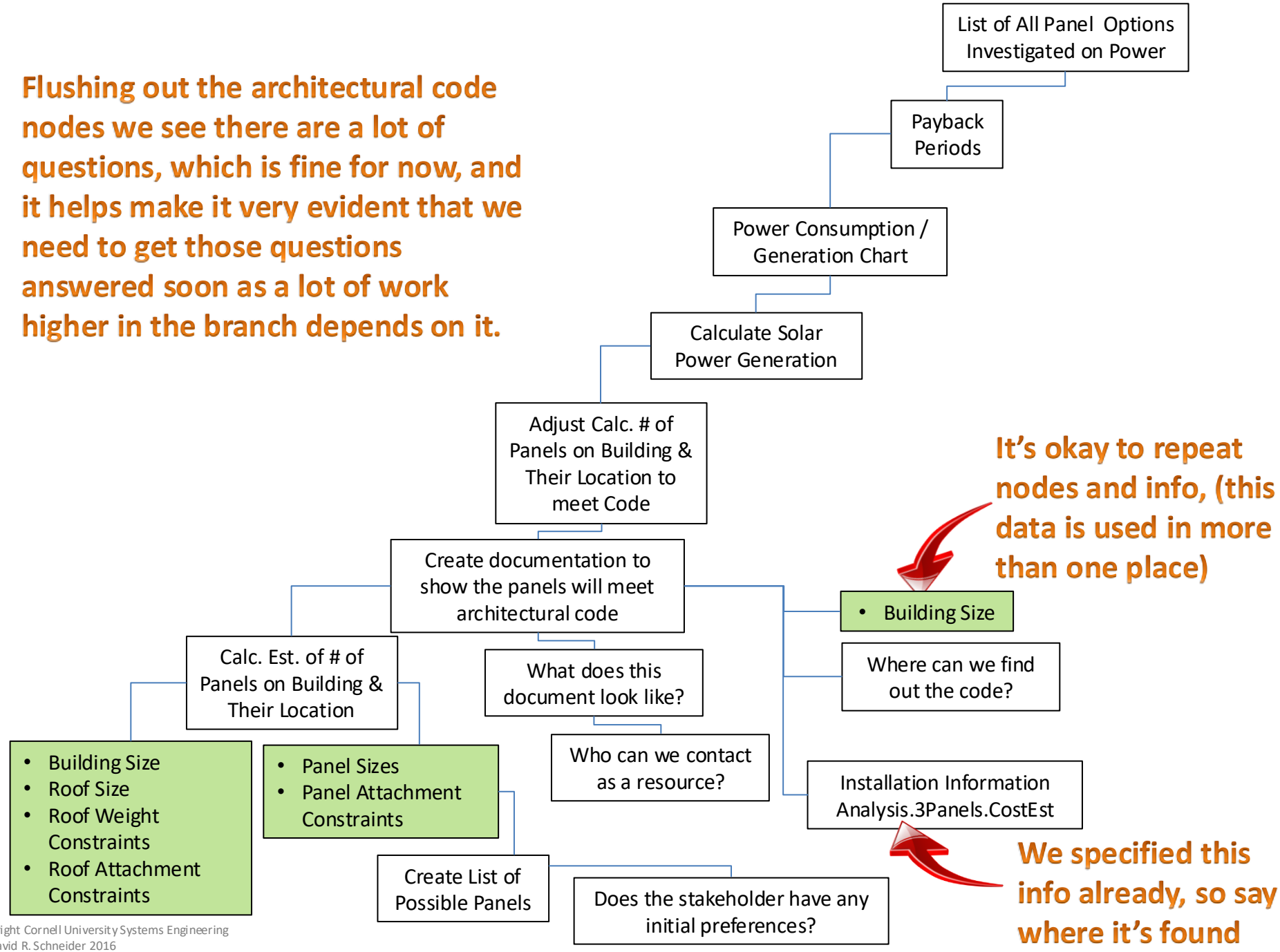
Returning back to the Determine 3 Panels node and the exploring down another branch

Recognize that the number of panels is probably going to be dependent on what the architectural code allows, so this will need to be flushed out more…

Analysis.3Panels.PanelList

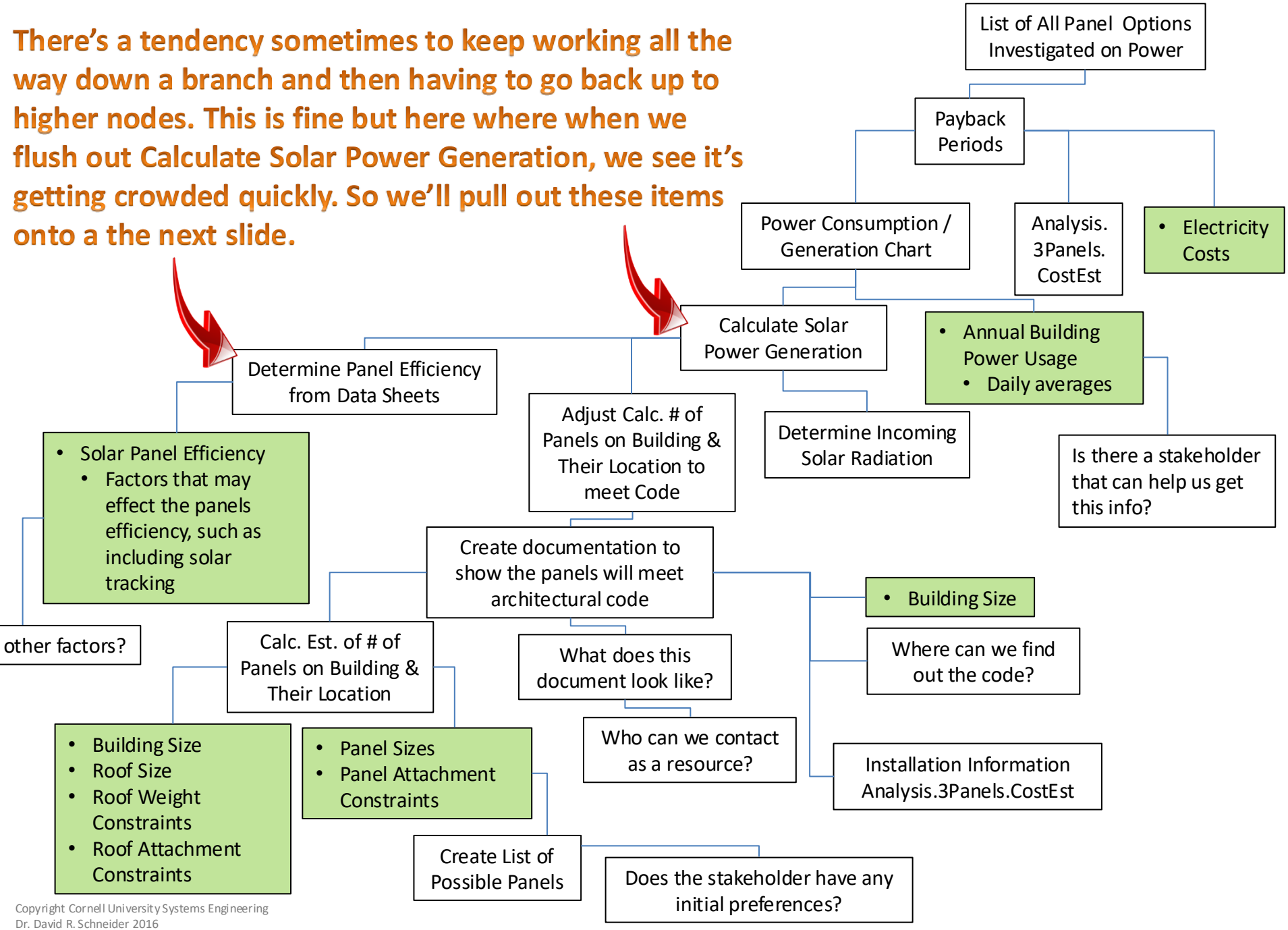


Analysis.3Panels.PanelList

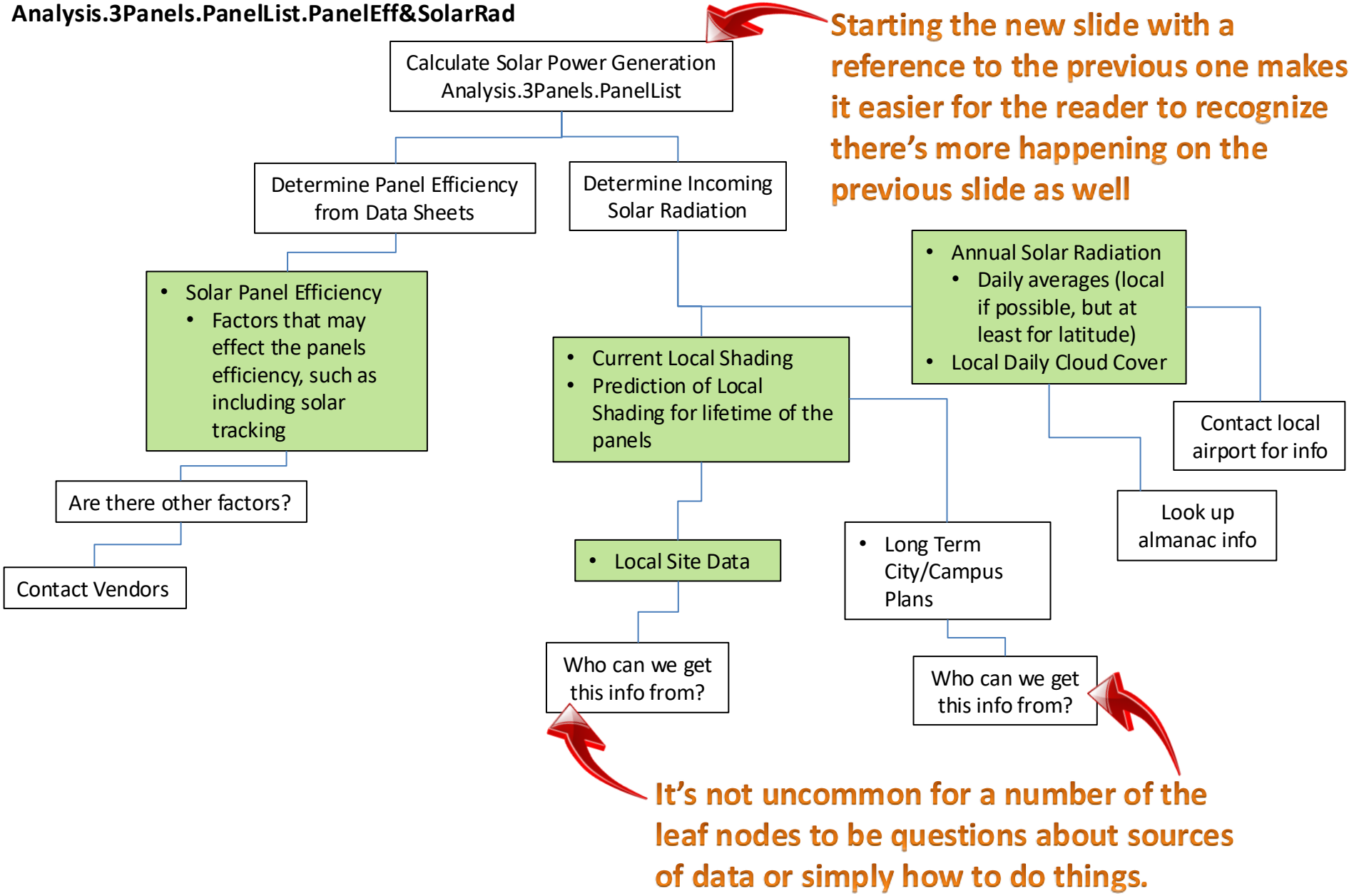


Analysis.3Panels.PanelList

There's a tendency sometimes to keep working all the way down a branch and then having to go back up to higher nodes. This is fine but here where when we flush out Calculate Solar Power Generation, we see it's getting crowded quickly. So we'll pull out these items onto a the next slide.



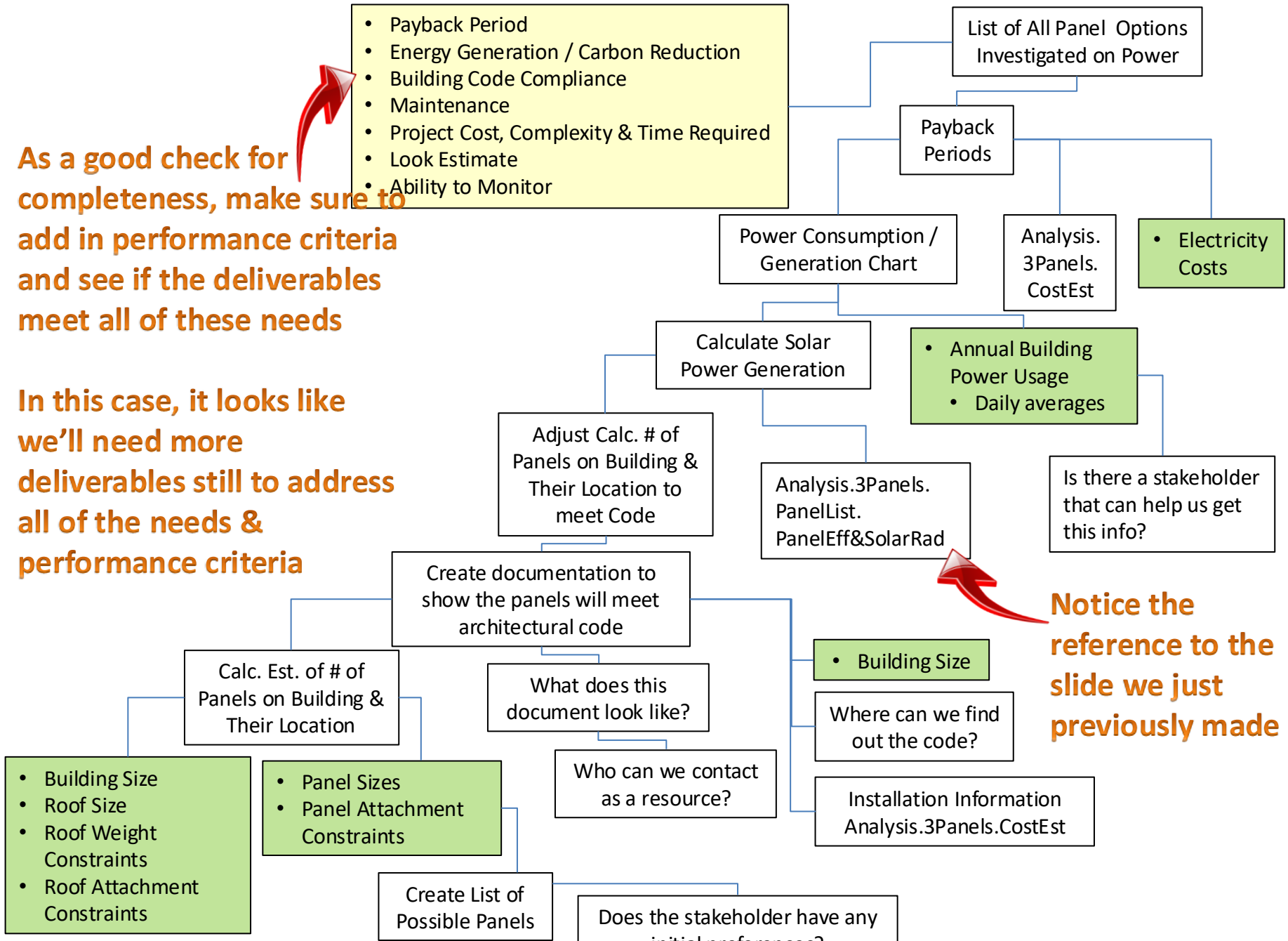
Analysis.3Panels.PanelList.PanelEff&SolarRad



Starting the new slide with a reference to the previous one makes it easier for the reader to recognize there's more happening on the previous slide as well

It's not uncommon for a number of the leaf nodes to be questions about sources of data or simply how to do things.

Analysis.3Panels.PanelList

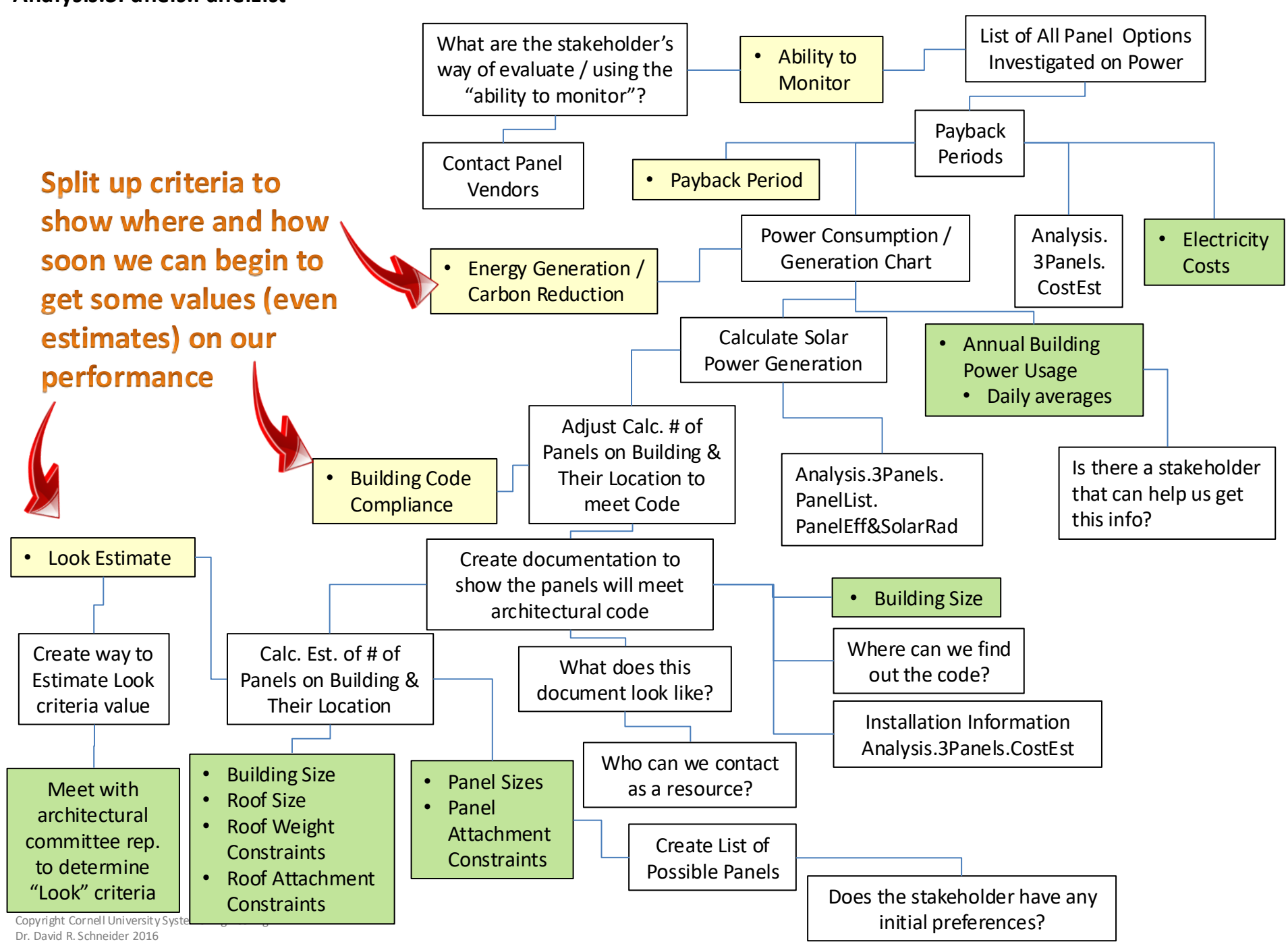


As a good check for completeness, make sure to add in performance criteria and see if the deliverables meet all of these needs

In this case, it looks like we'll need more deliverables still to address all of the needs & performance criteria

Notice the reference to the slide we just previously made

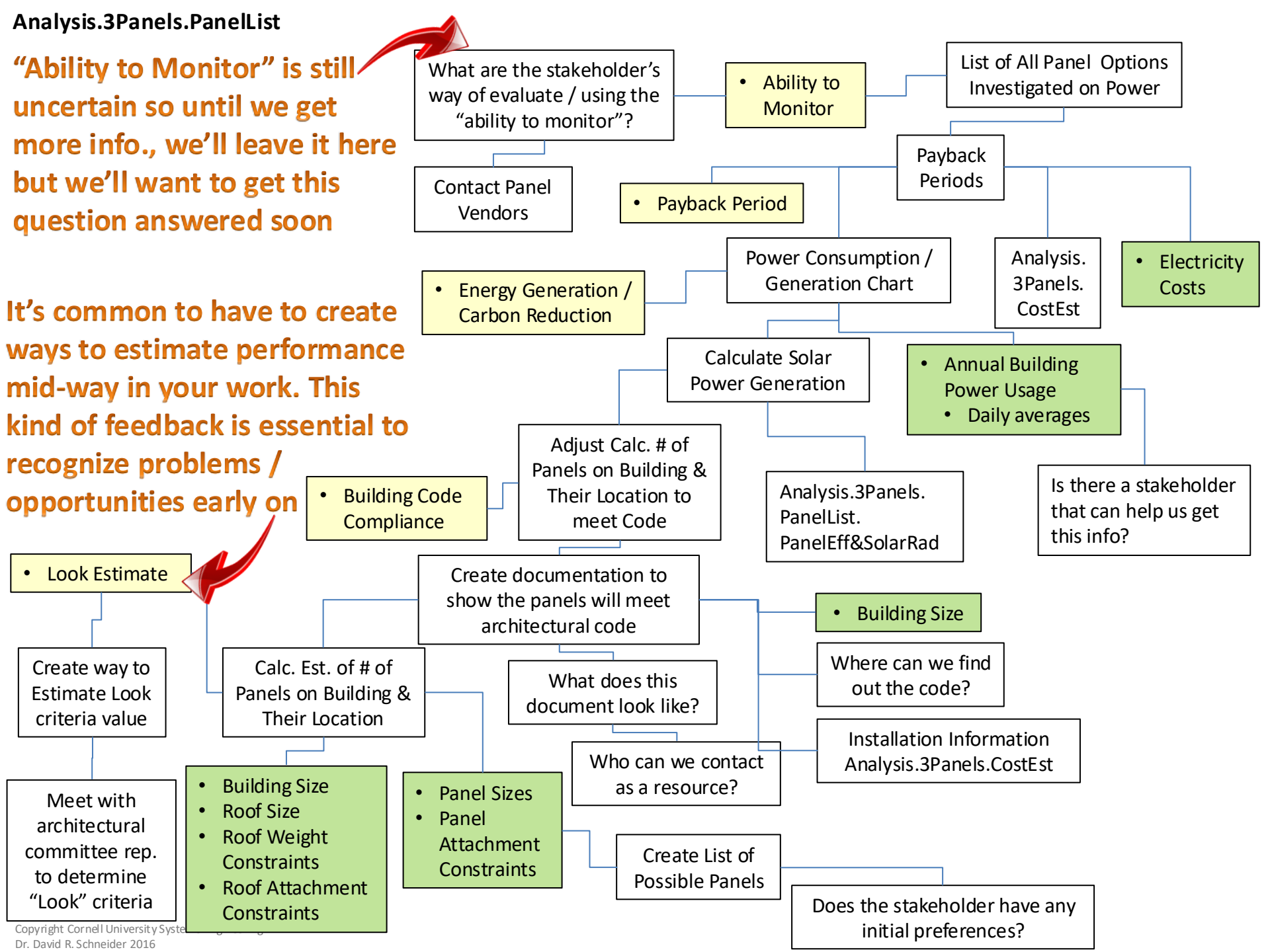
Analysis.3Panels.PanelList



Analysis.3Panels.PanelList

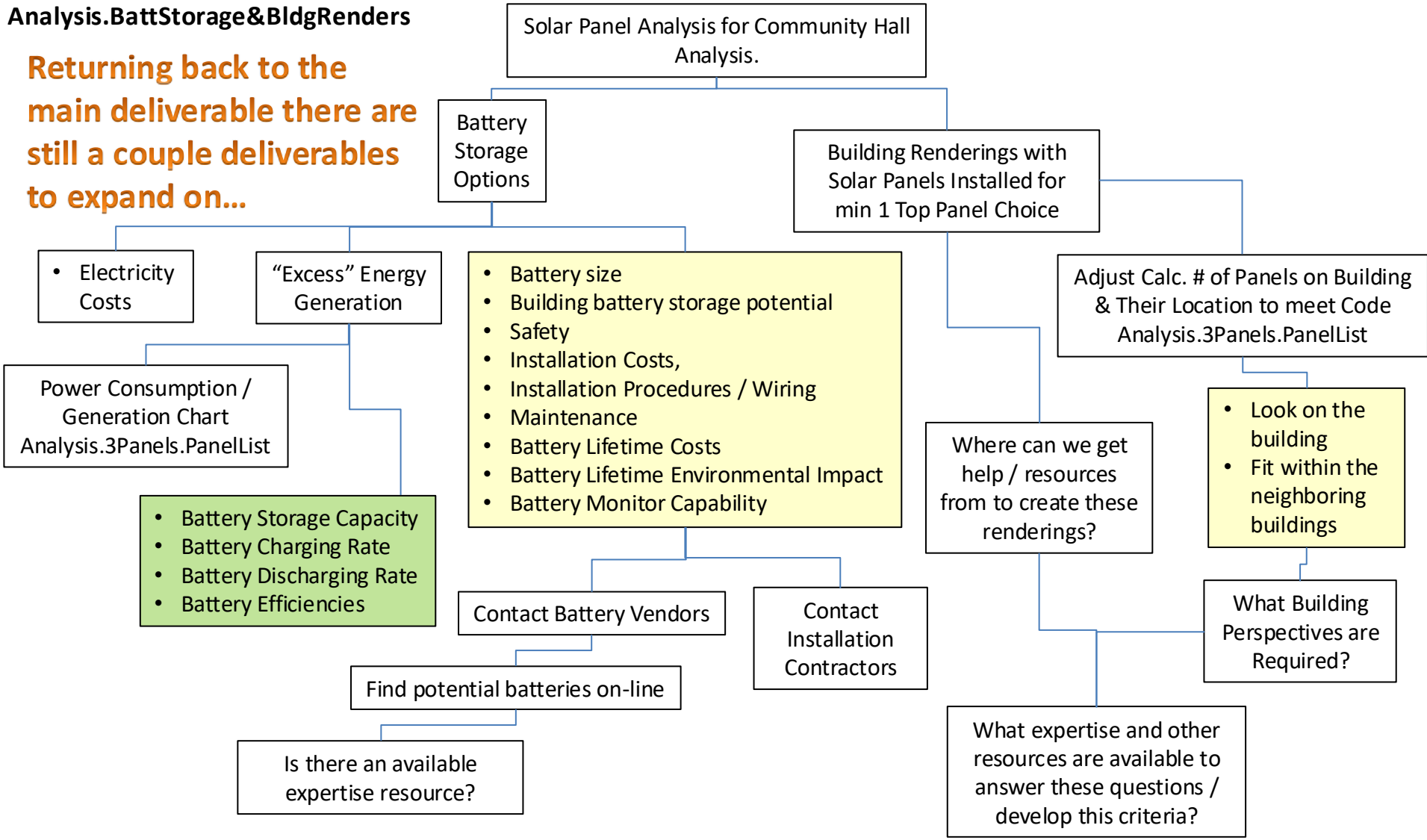
"Ability to Monitor" is still uncertain so until we get more info., we'll leave it here but we'll want to get this question answered soon

It's common to have to create ways to estimate performance mid-way in your work. This kind of feedback is essential to recognize problems / opportunities early on

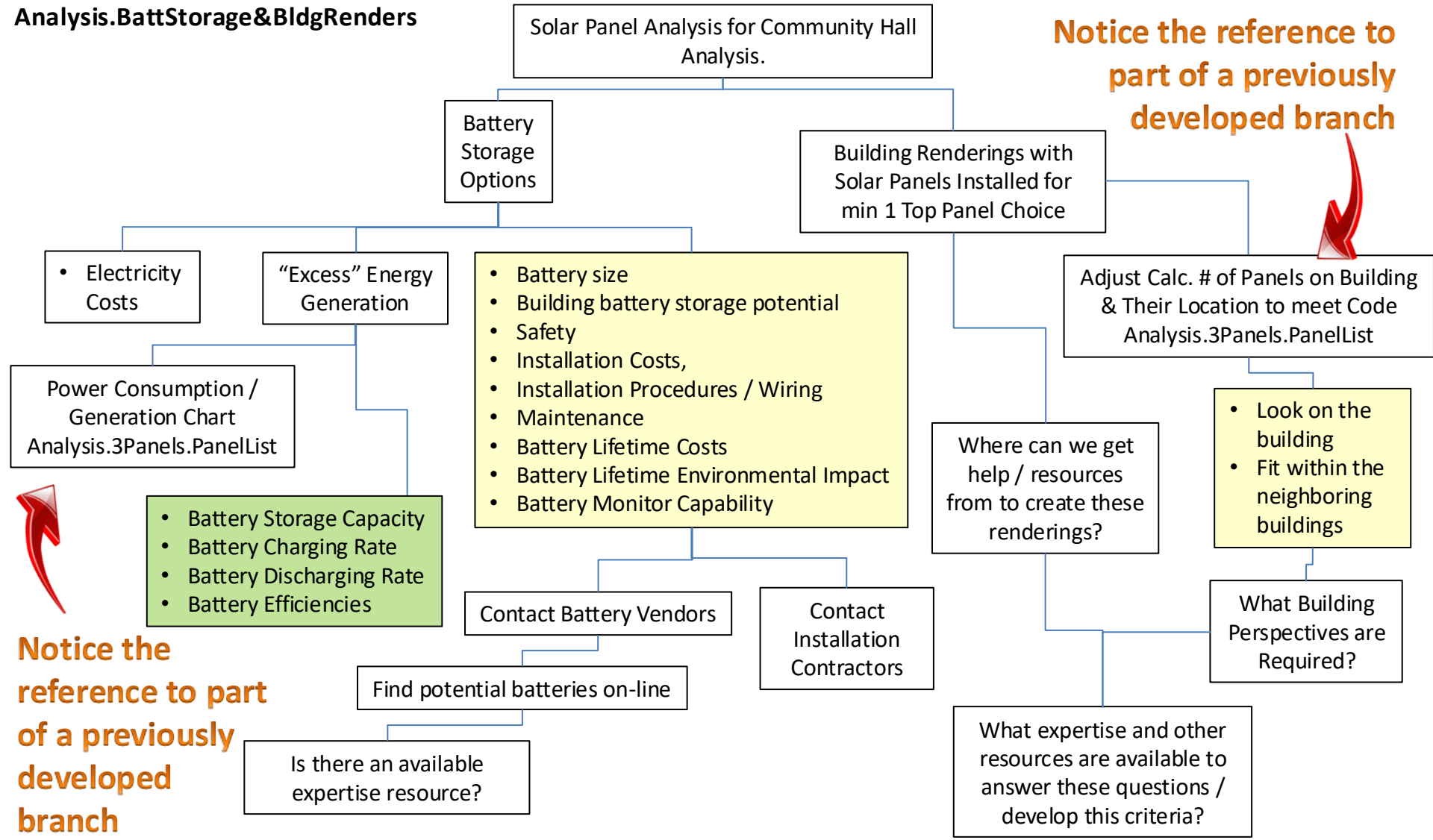


Analysis.BattStorage&BldgRenders

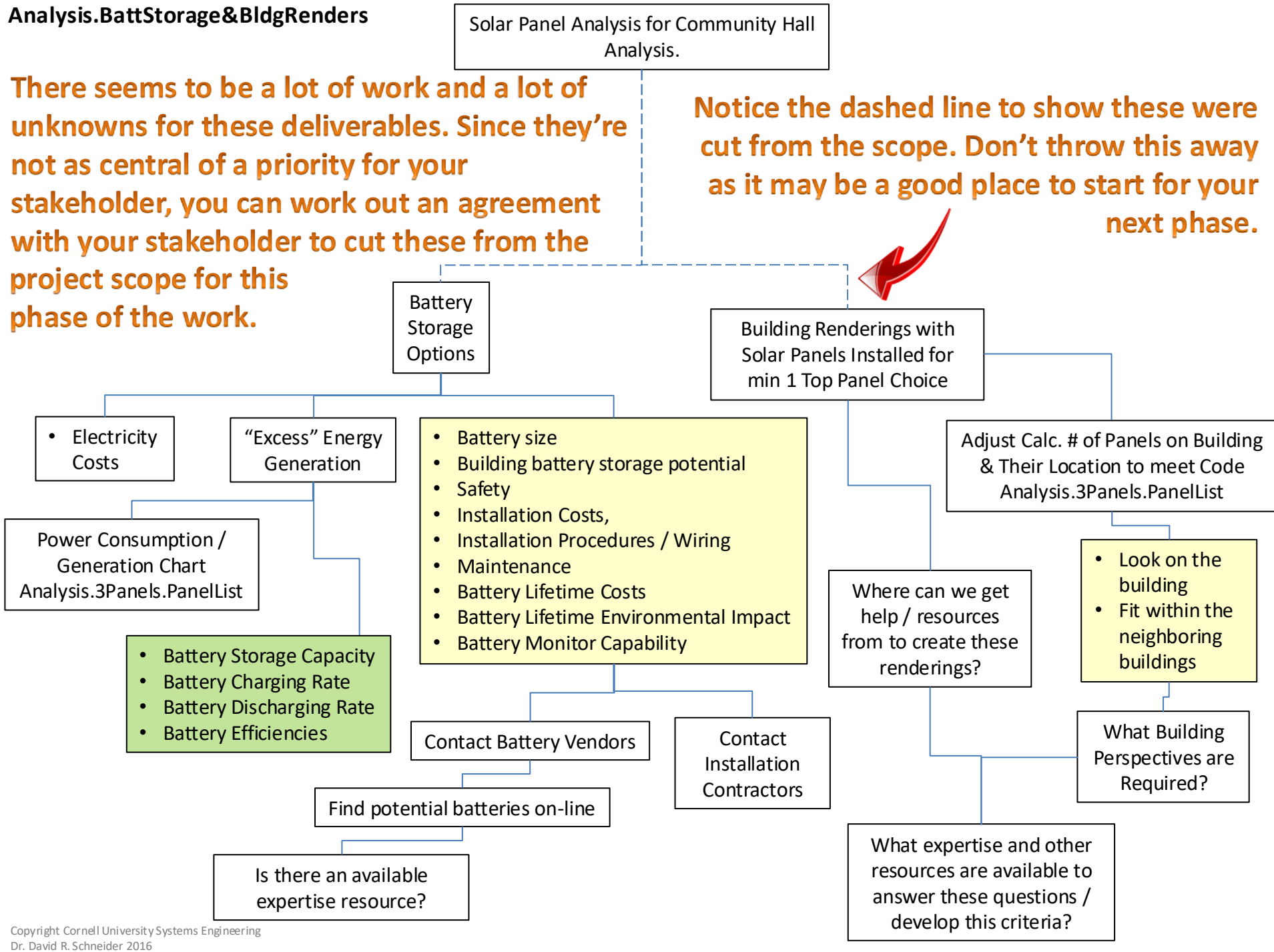
Returning back to the main deliverable there are still a couple deliverables to expand on…



Analysis.BattStorage&BldgRenders



Analysis.BattStorage&BldgRenders



And now, you're done! Well at least well enough to get started with the next steps of your work, and assigning tasks among team members. Now is a great time to translate all of your slides into a timeline. You may likely find a few more tasks / deliverables, performance criteria, needed data and questions in doing so as you review your work here.

Check out the Timeline Guide on how to create a timeline. There is some overlap in the themes and steps in the timeline guide with what is discussed in this guide, and so you may be able to replace some timeline Steps (such as determining subtasks) with the work that you have already done here.

You could also translate your question tree here to a PERT Chart or you can combine your question tree into one large complete one and possibly color code it as well. Either way, make sure you also read Defining Deliverables and all of its Tips section so you'll create your own question tree as effectively as possible.