

Questions to Ask When Assembling Your Bundle

Bundles can be assembled based on a prototypical condition (a Type Bundle) or can be specific to a particular design situation (Practitioner Bundle). Assume that you are optimizing for your situation and working on a Type Bundle.

- Which design strategies will have the most impact on energy reduction or production for this bundle in this situation?
- Will the design strategy apply to “almost all” buildings using the bundle in your situation? They may be situational strategies.
- Which design strategies will not work well in this situation? These can be culled out.
- Will the design strategy work well in a Bundle for all of the primary situations? If so, it may be a core strategy
- Given an important design strategy, what other less complex design strategies help to build or support your selected strategy? (or that your strategy organizes and depends on)
- Given an important design strategy, what other more complex design strategies does your strategy help to build?
- What are the climatic design priorities given the context of your climate? Is shading or solar access more important? Is blocking or admitting the wind more important?
- Which design strategies are the most critical? Which strategies can you eliminate or downgrade to refiner strategies?
- Can the same results be achieved with even fewer strategies?
- Is anything missing?

BUNDLE-UP

designing for net-zero energy

GETTING STARTED

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ASSEMBLY

- **Included:** Game board, bundle & strategy tiles, and all sticky back labels.
- **Cut** out *bundle*, *strategy* labels and *levels* following the square guidelines on the print outs.
- **Apply** the cut out labels onto the front and back of each *bundle* & *strategy* tiles by peeling off the back of the self adhering labels.
- **Use** this game as a tool to learn and have fun!

HOW TO PLAY BUNDLE UP!

1. Place your bundle tile in the bold bundle square
2. Each strategy has a scale and can only be used at that scale.
3. Choose critical strategies from the deck of strategy tiles – place inside dashed “wrapper.”
4. Place less critical refiner strategies at their scale, but outside the bundle wrapper.
5. Examine your set of strategies for their interactions and add, subtract or substitute strategies to create greater synergy.
6. Now identify the strategies that are the three most critical – at least one at each scale – critical to “almost every building” in your situation. Place these in the core squares.
7. If desired, you may add up to 2 more core strategies.
8. To test your choice of core strategies, now think if they would still be core in the situation given to the other team.
9. When you are satisfied with your solution, record it on the Bundle Capture Form.

HAVE FUN!!!