



QUESTIONS BUILDERS MAY HAVE RELATED TO OFF-GRID POWER/WATER

1. What is the approximate installed cost per house for the proposed system(s) (energy and/or water), and what variables would impact this cost?
2. What is the projected ROI timeframe for the homeowner, considering potential energy/water bill savings and any applicable tax incentives or rebates? I know that the region will make a big difference, but we could come up with several examples (i.e., regions).
3. Are there active federal, state, or local tax credits, grants, or rebate programs available for these specific systems, and can you provide documentation to support this?
4. What is the estimated net operating cost (including maintenance, insurance, and potential financing) for the homeowner over a 20-year

period compared to standard utility connections? What is the life expectancy of each system?

5. What is the projected daily/monthly/annual energy output (kWh) and water output (gallons/liters) of the system under typical local climate conditions (e.g., Clemson, SC area)? Maybe we could come up with a map of the US and show some preliminary numbers.
6. What is the expected lifespan of all primary components (e.g., panels, inverters, batteries, filtration membranes, pumps), and what is the degradation rate over that time?
7. How does the system handle peak demand situations, and what is its resilience during extreme weather events (e.g., power outages, heavy rain/drought)?
8. Can the system operate completely off-grid, or does it require a utility connection for backup or regulatory compliance?
9. What is the required maintenance schedule for the homeowner, and what are the estimated annual maintenance costs?
10. What is the scope of the warranty for parts and labor, who performs the warranty service (your company, a third-party, or us?), and what is the typical response time for a service call? Do WE want to receive all these calls every day?
11. Is there local support available in our building area (e.g., Phx, AZ), and can you provide references from other builders or homeowners in the region?
12. Do you offer long-term monitoring services or performance guarantees for the systems after installation?
13. What specific site preparation, structural modifications, or extra square footage within the house footprint are required for the installation of these systems? Location of each system? Need any special environmental condition (e.g., a dry room)?

14. How do these systems integrate with standard plumbing, HVAC, and electrical systems in a new residential build, and what training is provided to our subcontractors?
15. What are the logistical requirements for delivery, storage on site, and installation timeline that we need to coordinate with our construction schedule?
16. Can you provide detailed engineering specifications, installation manuals, and architectural drawings for review by our project managers and local building department?
17. Do the systems meet all relevant local building codes, state regulations (SC), and industry certifications (e.g., UL listed, NSF certified, LEED points eligibility)?
18. What kind of permitting assistance do you offer? Is the burden of navigating complex utility interconnection agreements or water rights permits on us or you?
19. Can you provide case studies or performance data from third-party testing that validates your claims regarding efficiency, water purity, and safety standards? May we obtain those test results?
20. What is the plan for end-of-life recycling or disposal of system components (e.g., batteries, solar panels, filtration media) in an environmentally compliant manner?