Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What are the steps to working with your regional Onsite Energy TAP to analyze onsite energy for your site?
   1. Establish renewable energy goals, receive quotes from developer; contact regional TAP; receive third-party review
   2. Contact regional TAP; discuss site goals and objectives; collect data; review TAP analysis results
   3. Develop resilience goals for site; work with TAP to evaluate scenarios; procure project
   4. All of the above
2. In addition to site location and electric and heating loads, what are the required inputs for a “Cost Savings” (only) CHP evaluation in REopt?
   1. CHP performance specs such as size and efficiency
   2. Electricity rate and fuel cost
   3. CHP installed and O&M costs
   4. Duration of the expected grid outage
3. In the REopt web tool, select CHP (also keep PV and Battery), input Chicago, IL for site location, select “Use custom electricity rate”, input $0.1/kWh energy and $10/kW/month demand, input $7/MMBtu for heating system and CHP fuel cost, and select “Hospital” for both electric and heating loads. What size CHP system does REopt suggest? It may take a few minutes to solve.
   1. 0 kW
   2. 250 kW
   3. 500 kW
   4. 750 kW
4. For an onsite energy project with 300 kW of solar PV and 300 kWh of battery storage that costs $800,000 and is completed at a small- or medium- manufacturing site by December 31, 2025, what of the following clean energy incentives may apply?
   1. Federal Clean Energy Investment Tax Credit of up to 30% (<https://www.energy.gov/eere/solar/federal-solar-tax-credits-businesses>)
   2. IAC Implementation Grant of $300,000 (<https://www.energywerx.org/itac>)
   3. Utility renewable energy program rebate (<https://www.dsireusa.org/>)
   4. All of the above

1. Which of the following Onsite Energy TAP Case Studies can be found on the DOE Better Buildings webpage for Onsite Energy? (<https://betterbuildingssolutioncenter.energy.gov/onsite-energy/resources-and-tools>)
   1. Alaska Sealife Center Industrial Heat Pumps
   2. Freres Engineered Wood Combined Heat and Power and Biochar
   3. Hawai’i Island Retreat
   4. University of Missouri District Energy Microgrid
   5. All of the above