

Consumers Energy Business Energy Efficiency Programs



Zero Net Energy (ZNE)
Companion Program
Application Questionnaire

Consumers Energy

Count on Us[®]

Zero Net Energy Companion Program Flowchart



Once completing the Questionnaire, please send it to ZeroNetEnergy@cmsenergy.com

Company Information

Company Name _____

Contact Name _____ Title _____

Mailing Address _____

City _____ State _____ ZIP _____

Phone _____ Email _____

Role in the Project _____

Questionnaire

1. What is the project's address and/or Consumers Energy account number?

Project Name (If Applicable) _____

Installation Address _____

City _____ State _____ ZIP _____

Natural Gas Account Number (at project location if applicable)

Electric Account Number (at project location if applicable)

2. What service does or will Consumers Energy provide to the project location?

- Electric and Natural Gas Electric-Only Natural Gas-Only

3. It is required for participation in this program that all projects commit to an all electric design (i.e. no natural gas to be consumed on-site). Do you commit to this requirement?

- Yes
 No

4. Are you willing to follow the five ZNE Phases and associated deliverables outlined on the flowchart on page two?

- Yes
 No

5. What is/will be the building use type?

- Office Community Center Other: _____
- Education (K-12) Retail _____
- University Mixed-Use: _____

6. Is this a new construction project or major renovation? Please describe the proposed project scope.

7. Is the project a single building or a campus of buildings? If campus, how many buildings are there?

8. What is the project square footage (per building)? _____

9. What stage of design is the project in and what percent completion?

- Schematic Design _____ % Design Drawings _____ % Construction Drawings _____ %

10. What are the estimated project deadlines (i.e., drawings, permit submission, construction start, occupancy, etc.)?

11. Please describe additional coordination efforts that might affect the overall timeline of the project? (i.e., financing strategies, grants, tax credits, tenant acquisition, board approval, etc.)

12. If the project is an existing building, what is the current annual energy use per fuel source?

Electric: _____ kWh Natural Gas: _____ Mcf Other: _____

13. Does/will the project have any unique or high process loads (i.e., data centers, production, etc.)? If, so what:

14. Which potential passive design measures are being considered? Check all that apply and add descriptions.

- Daylighting: _____
 - Solatubes/skylights: _____
 - Natural ventilation/operable windows: _____
 - Building orientation: _____
 - Other: _____
-

15. What are the potential energy conservation measures (above code) under consideration?

Check all that apply and add descriptions.

- Walls: _____
- Roof: _____
- Windows: _____
- Lighting and controls: _____
- Domestic hot water systems: _____
- Building automation: _____
- High-efficiency HVAC systems: _____
- Geothermal systems: _____
- Gamification/occupant behavior: _____
- Energy dashboards: _____
- Other: _____

16. What are the energy conservation and certification goals for the project? Check all that apply.

- EUI goal of 25 kBtu/sf/yr or less (excluding renewable energy)
- Percent energy savings of _____%
- ZNE-Ready/capable (aka Ultra-Low Energy Building)
- ZNE
- ZNE Positive
- International Living Future Institute (ILFI) Certification
- National Building Institute (NBI) – Zero Energy Verified
- USGBC LEED v4
- USGBC LEED Zero
- Other: _____

17. What are the renewable energy goals? Specify roughly how much of the building’s annual energy use might be met with various renewable energy sources.

- Onsite renewable energy _____% of total energy use
- Offsite renewable energy _____% of total energy use
- Other: _____

18. Describe available space for onsite renewables (i.e., roof, parking lot, square footage, surrounding shading, etc.) or existing PV arrays already in place.

19. Describe any community benefits of this project. (i.e., community center, training center, educational benefits, market transformation benefits, etc.)

20. Please list current design team members below. If they have not been hired on yet, note that the design team must be procured prior to the start of Phase 1.

- Design architect: _____
- Mechanical, electrical and plumbing (MEP) engineer(s): _____
- Civil engineer(s): _____
- Energy modeler: _____
- Lighting designer: _____
- Contractor: _____
- Commissioning agent: _____
- Green building and solar/renewable energy consultant(s) (optional): _____
- Other: _____

21. Are you involved with any other projects enrolled in the Consumers Energy ZNE Program (Pilot or Companion)?

- Yes, project name(s): _____
- No

22. Please describe any additional project details not already covered in the previous questions.

Please note, if this project is accepted into the program, be prepared to provide the following documents for a ZNE feasibility study (conducted by Consumers Energy) prior to the start of Phase 1:

- Drawings (current schematic or early DD sets, as-builts for existing buildings, etc.)
- Schedules (occupancy, HVAC, lighting, etc.)
- Occupancy and building program information
- 3 years of energy provider bills for existing buildings
- Site conditions
- Building audit reports
- Other relevant documents and analysis