



NET ZERO ENERGY PLAN QUESTIONNAIRE

Section 1: Proposal Information

Proposal Name	
Address	
Developer	
Business Address	
Designated Contact	
Telephone Number	
Contact's Email Address	
Date Submitted	
Filing Type (Site Plan Review Application, Building Permit, or Certificate of Occupancy)	
Is this a revised Questionnaire?	

Section 2: Building & Site Details

2.1 Building Information

Expected Life of Building	
Systems: HVAC, electrical, boilers, plumbing, telecom, lighting, energy management.	
Type of Heating System(s)	
Type of Cooling System(s)	
Type of Hot Water System(s)	
All-electric building?	Yes/No

2.2. Green Building

Are any green building certifications being pursued? (Passive House, Enterprise Green Communities, LEED, ILFI ZE, etc.). Please Describe.	
Green Building Professional(s): Name(s) and contact information	
Professional Credentials: Green Building Program Certification(s)	



HERS Rating (if applicable)
 Will you pursue LEED certification through the USGBC?
 Building LEED System & Rating (if applicable)
 Building LEED Point Score (if applicable)

Yes/No
Certifiable/Silver/Gold/Platinum

2.3. Electric Vehicle Parking

Total # of Parking Spaces
 Electric Vehicle Supply Equipment (EVSE) Plugs (number and voltage/ level of plugs)
 EV Ready Spaces (everything but station is installed)
 Please share any other information on your EV strategy. Have you spoken with National Grid? Are you talking with EVSE providers? Have you considered EVSE needs in conjunction with your parking and mobility management plans?

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Other Performance Metrics

	Code Requirement	Proposed Building
Site EUI (kBtu/hr-sf)		
Air Infiltration (ACH 50)		
Aggregate Vertical Envelope R		
Roof R		
Lowest level conditioned floor above unconditioned space (if any) R		
Cooling End Use (kBtu/sf-yr)		
Heating End Use (kBtu/sf-yr)		
Peak Heating (kBtu/hr-sf)		
Peak Cooling (kBtu/hr-sf)		
Annual Electric Load		
Annual Heating Load		
Annual Cooling Load		
Energy Use Intensity		



Section 3. Planning for Net Zero Emissions and Energy Resilience

3.1. How is the building currently designed to minimize energy usage? Please describe the key design features of the building including:

- A) How has the building been oriented on site to improve energy resilience?
- B) Building envelope performance (including roof, foundation, walls, and window assemblies)
- C) How has the design team integrated energy performance into the building and site design and engineering (orientation, massing, mechanical systems, envelope, etc.)?
- D) Efficiency of heating and cooling systems and appliances. Will these be electric? Provide reasoning for selection of heating and cooling systems and appliances.

3.2 Will the building be a net zero energy building? A net zero energy building is a highly energy efficient building that does not burn fossil fuels and either produces or procures enough carbon-free electricity to meet the building's total energy demand. If the building will not be a net zero energy building, provide a technical description of how the building's systems will be transitioned over time to achieve net zero energy status, including how and when systems can be transitioned in the future to carbon-free alternatives (provide timeline including 2030, 2040, and 2050 targets).



3.3 Evaluate feasibility of on-site renewable generation. Please describe your analysis and findings. Analysis should consider incentives available, tree shading, the landscape, and any other factors that may affect on-site renewable generation. Will any renewable energy generation be incorporated into the project? If so, please describe (system type and capacity). If no, could it be added in the future? And will any off-site renewable energy be purchased?

34. Are any on-site energy storage systems planned? Please describe.

3.5 Have you contacted the electric utility (National Grid) about this project? Yes/No Please attach documentation of correspondence.

3.6 Does the electric utility's infrastructure have enough capacity to support the addition of your building's energy load? If possible, please provide confirmation from utility.

3.7 Will the building's roof include any sustainability features? These may include, but are not limited to, high albedo roof materials, solar panels, blue roof, or vegetation. Please describe what features could be added in the future (i.e. roof will be designed to support solar or green roof installation of X size).

3.8 What other sustainable features are you pursuing? I.e., water efficiency, native vegetation (no irrigation), reused/recycled materials, bike parking, etc.