

U.S. DEPARTMENT OF ENERGY

# ENVIRONMENTAL QUESTIONNAIRE

## I. INSTRUCTIONS

The proposer shall prepare this Environmental Questionnaire (EQ) as accurately and completely as possible. Supporting information can be provided as attachments. The proposer must identify the location of the project and specifically describe the activities that would occur at that location. The proposer must provide specific information and quantities, regarding air emissions, wastewater discharges, solid wastes, etc., to facilitate the necessary review. In addition, the proposer must submit with this EQ a FINAL copy of the project's statement of work (SOW) or statement of project objective (SOPO) that will be used in the contract/agreement between the proposer and the U.S Department of Energy (DOE).

## II. QUESTIONNAIRE

### A. PROJECT SUMMARY

1. Solicitation/Project Number: **DE-FOA-0002740** Proposer: **NATIONAL GRID**
2. This Environmental Questionnaire pertains to a: ☒ Recipient or Prime Contractor ☐ Sub-recipient or Subcontractor
3. Principal Investigator: **Jonathan Berry** Telephone: **781-996-8632**  
Principal Investigator: **David Lovelady** Telephone: **518-688-4229**
4. Project Title: **FUTURE GRID**
5. Expected Project Duration: **APRIL 2024 – MARCH 2029 (5 YEARS)**
6. Location of Activities covered by this Environmental Questionnaire: (City/Township, County, State): **NY AND MA ELECTRIC DISTRIBUTION SYSTEM**
7. List the full scope of activities planned (only for the location that is the subject of this Environmental Questionnaire).

The Future Grid proposal focuses on technology solutions related to smart grid operating and information technology systems with minimal physical construction. As such, National Grid does not expect this project to result in significant impacts to the environments that will benefit from this project.

One component of this project will involve continued investments in **Fault Location, Isolation, and Service Restoration (FLISR)** control schemes which incorporate telecommunications and advanced control of key switching devices to provide remote monitoring and operator control of field devices for normal operations and maintenance. This work will involve physical deployments to above-distribution assets, and any potential environmental impacts are discussed in further detail in this questionnaire

Under this proposal there will be some activity related to deployment of certain equipment at substations to enable advanced functionality. When those specific substations are identified during this project performance period, National Grid will submit an updated environmental questionnaire to ensure all potential impacts are adequately captured prior to this work.

8. List all other locations where work would be performed by the primary contractor of the project and subcontractor(s). Each of the following must have an individual Environmental Questionnaire.

Subcontractor or sub-recipient	Location of activities for this project
National Grid	NY AND MA ELECTRIC DISTRIBUTION SYSTEM

9. Identify and select the checkbox with the predominant project work activities under Group A, B, or C

### Group A

- ☐ Routine administrative, procurement, training, and personnel actions. Contract activities/awards for management support, financial assistance, and technical services in support of agency business, programs, projects, and goals. Literature searches and information gathering, material inventories, property surveys; data analysis, computer modeling, analytical

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reviews, technical summary, conceptual design, feasibility studies, document preparation, data dissemination, and paper studies. Technical assistance including financial planning, assistance, classroom training, public meetings, management training, survey participation, academic contribution, technical consultation, and stakeholders surveys. Workshop and conference planning, preparation, and implementation which may involve promoting energy efficiency, renewable energy, and energy conservation.

***STOP! If all work activities related to this project can be classified and described within categories under Group A, proceed directly to Section III CERTIFICATION BY PROPOSER. No additional information is required.  
If project work activities are described in either Group(s) B or C; then continue filling out questionnaire.***

### Group B

- ☐ Laboratory Scale Research, Bench Scale Research, Pilot Scale Research, Proof-of-Concept Scale Research, or Field Test Research. Work **DOES NOT** involve new building/facilities construction and site excavation/groundbreaking activities. This work typically involves routine operation of **existing** laboratories, commercial buildings/properties, offices and homes, project test facilities, factories/power plants, vehicles test stands and components, refueling facilities, utility systems, or other existing structures/facilities. Work will **NOT** involve major change in facilities missions and operations, land use planning, new/modified regulatory/operating permit requirements. Includes work specific to routine DOE Site operations and Lab research work activities, but **NOT** building construction and site preparation. DOE work typically involves laboratory facilities and lab equipment operations, buildings and grounds management activities; and buildings and facilities maintenance, repairs, reconfiguration, remodeling, equipment use and replacement.

### Group C

- ☒ Pilot Test Facilities Construction, Pilot Scale Research, Field Scale Demonstration, or Commercial Scale Application. Work typically involves facility construction, site preparation/excavation/groundbreaking, and/or demolition. This work would include construction, retrofit, replacement, and/or major modifications of laboratories, test facilities, energy system prototypes, and power generation infrastructure. Work may also involve construction and maintenance of utilities system right-of-ways, roads, vehicle test facilities, commercial buildings/properties, fuel refinery/mixing facilities, refueling facility, power plants, underground wells, and pipelines, and other types of energy research related facilities. This work may require new or modified regulatory permits, environmental sampling and monitoring requirements, master planning, public involvement, and environmental impact review. Includes work specific to DOE Site Operations and Lab operation activities involving building and facilities construction, replacement, decommissioning/demolition, site preparation, land use changes, or change in research facilities mission or operations.

### B. PROPOSED PROJECT ALTERNATIVES

1. If applicable, list any project alternatives considered to achieve the project objectives.

### C. PROJECT LOCATION

1. Provide a brief description of the project location (physical location, surrounding area, adjacent structures).

Please see the list of project locations for potential substations impacted by this work. Final implementation and deployment plan will be determined later in the performance period.

2. **Attach** a project site location map of the project work area.

The Project extends throughout National Grid's existing distribution network. No map is provided.

### D. ENVIRONMENTAL IMPACTS

NEPA procedures require evaluations of possible effects (including land use, energy resource use, natural, historic and cultural resources, and pollutants) from proposed projects on the environment.

1. **Land Use**

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- a. Characterize present land use where the proposed project would be located.

<input checked="" type="checkbox"/> Urban	<input checked="" type="checkbox"/> Industrial	<input checked="" type="checkbox"/> Commercial	<input checked="" type="checkbox"/> Agricultural
<input checked="" type="checkbox"/> Suburban	<input checked="" type="checkbox"/> Rural	<input checked="" type="checkbox"/> Residential	<input checked="" type="checkbox"/> Research Facilities
<input checked="" type="checkbox"/> Forest	<input checked="" type="checkbox"/> University Campus	<input type="checkbox"/> Other: _____	

- b. Identify the total size of the facility, structure, or system and what portion would be used for the proposed project.

National Grid does not have the limits of the scope defined at this time, however, no new facilities are proposed as part of the Project. No change of land use is expected. Any impacts associated with the Project would be associated with the replacement of existing utility poles and de minimis in nature.

- c. Describe planned construction, installation, and/or demolition activities, i.e., roads, utilities system right-of-ways, parking lots, buildings, laboratories, storage tanks, fueling facilities, underground wells, pipelines, or other structures.

☐ No construction would be anticipated for this project.

Construction may require the replacement of existing or installation of new distribution utility poles. Typically, distribution utility runs along existing roadways, allowing for access to the structure from the roadway. If sections of distribution utility are not accessible from the public roadway, these sections will be assessed for potential impacts to wetlands, stormwater, rare species, historical and cultural impacts. If replacement or new pole installation is required, a truck mounted auger is used to drill a hole to sufficient width and depth and the replacement or new pole is placed in the hole and backfilled. Best management practices, such as the use of soil erosion and sediment controls would be used to contain soils and sediment and serve as the limit of disturbance. Soil erosion and sediment controls would be removed once the ground surface is stabilized. Minor vegetation clearing may be required to accommodate access and/or proper clearances from the equipment being installed. National Grid requires an environmental review of all projects in accordance with internal procedures to assess the need for environmental permits.

- d. Describe how land use would be affected by operational activities associated with the proposed project.

☒ No land areas would be affected.

- e. Describe any plans to reclaim areas that would be affected by the proposed project.

☒ No land areas would be affected.

- f. Would the proposed project affect any unique or unusual landforms (e.g., cliffs, waterfalls, etc.)?

☒ No ☐ Yes (describe)

- g. Would the proposed project be located in or near local, state, or federal parks; forests; monuments; scenic waterways; wilderness; recreation facilities; or tribal lands? ☐ No ☒ Yes (describe)

The Project may be located in or near local, state, or federal parks such as forests, monuments, scenic waterways, wilderness, recreational facilities, or tribal lands due to existing electric distribution that run in or near these areas. Any impacts would be mitigated through the implementation of best management practices.

### 2. Construction Activities and/or Operation

- a. Identify project structure(s), power line(s), pipeline(s), utilities system(s), right-of-way(s) or road(s) that will be constructed and clearly mark them on a project site map or topographic map as appropriate. ☐ None

The Project is expected to utilize existing infrastructure currently in operation. Most project activities would occur with the use of one or two bucket trucks to install the equipment along existing electric utilities. In the event a utility pole

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needs replacing, the pole will be installed and the aerial equipment would be swapped over to the new pole and the old pole removed.

The Project extends throughout National Grid's existing distribution network, therefore no geographic mapping is attached.

- b. Would the proposed project require the construction of waste pits or settling ponds?  
X No ☐ Yes (describe and identify location, and estimate surface area disturbed)

- c. Would the proposed project affect any existing body of water? ☐ No X Yes (describe)

It is anticipated that localized and temporary impacts to existing water bodies may occur through the construction and/or operation of the Project. Impacts will be minimized to the extent practicable through the use of best management practices, such as, soil erosion and sediment controls and the use of construction matting for access and work pads for structure placement. The actual area required will be determined by the type of equipment, site specific activities and safety requirements.

- d. Would the proposed project impact a floodplain or wetland? ☐ No X Yes (describe)

It is anticipated that localized and temporary impact to floodplains and/or wetlands may occur through the construction and/or operation of the Project. Impacts will be minimized to the extent practicable through the use of best management practices, such as, soil erosion and sediment controls and the use of construction matting for access and work pads for structure placement. Vegetation clearing may also be required. The actual area required will be determined by the type of equipment, site specific activities and safety requirements.

- e. Would the proposed project potentially cause runoff/sedimentation/erosion? ☐ No X Yes (describe)

The Project does that the potential to cause runoff, sedimentation and erosion, however this will be minimized and mitigated through the use of soil erosion and sediment controls and other applicable construction Best Management Practices (BMPs). BMPs will be deployed to minimize disturbances to wetland resources and inspected and maintained throughout the Project.

- f. Would the proposed project include activities located on perma-frost, near fault zones, or involve fracturing, well drilling, geologic stimulation, sequestration, active seismic data collection, and/or deepwater operations?  
X No ☐ Yes (describe)

- g. Would the proposed project involve any of the following: nanotechnology; recombinant DNA or genetic engineering; facility decommissioning or disposition of equipment/materials; or management of radioactive wastes/materials?  
X No ☐ Yes (describe)

### 3. Biological Resources

- a. Identify any State or Federally listed endangered or threatened plant or animal species potentially affected by the proposed project.  
☐ None

The Project may be located near or within State and/or Federally listed endangered or threatened species though no adverse effects are anticipated. National Grid will consult with the applicable regulatory authorities to obtain the proper approvals prior to constructing the Project.

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- b. Would any designated critical habitat be affected by the proposed project? ☐ No ☒ Yes (describe)

The Project may be located near or within critical habitats, though no adverse effects are anticipated. National Grid will consult with the applicable regulatory authorities to obtain proper approvals prior to constructing the Project.

- c. Describe any impacts that construction would have on any other types of sensitive or unique habitats.  
☐ No planned construction ☐ No habitats ☐ None ☒ Impact (describe)

The Project may be located near or within other sensitive or unique habitats, though no adverse effects are anticipated. National Grid will consult with the applicable regulatory authorities to obtain proper approvals prior to constructing the Project.

- d. Would any foreign substances/materials be introduced into ground or surface waters, soil, or other earth/geologic resource because of project activities? How would these foreign substances/materials affect the water, soil, biota, and geologic resources? ☒ No ☐ Yes (describe)

It is not anticipated that any foreign substance will be introduced into the ground or surface waters. Wood pole replacement may be required as part of the FLISR deployment. Wood poles are widely used in the utility industry and are typically treated with wood preservatives to protect against degradation problems due to rot, decay or insects. The chemicals used have been registered with the U.S. Environmental Protection Agency and have been found to pose minimal environmental risk.

- e. Would any migratory animal corridors be impacted or disrupted by the proposed project? ☒ No ☐ Yes (describe)  
It is not anticipated that any migratory species would be adversely impacted by the Project. Migratory species may be temporarily relocated during the construction of the project, but given their migratory nature, would likely return once Project construction is complete.

#### 4. Socioeconomic and Infrastructure Conditions

- a. Would local socio-economic changes result from the proposed project? ☒ No ☐ Yes (describe)
- b. Would the proposed project generate increased traffic use of roads through local neighborhoods, urban or rural areas?  
☒ No ☐ Yes (describe)
- c. Would the proposed project require new transportation access (roads, rail, etc.)? Describe location, impacts, costs.  
☒ No ☐ Yes (describe)
- d. Would the proposed project create a significant increase in local energy usage? ☒ No ☐ Yes (describe)

#### 5. Historical/Cultural Resources

- a. Describe any historical, archaeological, or cultural sites in the vicinity of the proposed project; note any sites included on the National Register of Historic Places. ☐ None

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The Project may be located in the vicinity of known historical, archaeological or cultural sites. National Grid will consult with federal and state regulatory agencies and Tribal Historic Preservation Offices where applicable.

- b. Would construction or operational activities planned under the proposed project disturb any historical, archaeological, or cultural sites? ☐ No planned construction ☐ No historic sites Yes (describe) ☒ No Impact (discuss)

The Project will be designed to avoid adverse impacts to historic, archaeological or cultural sites to the greatest extent practicable. Where unavoidable impacts are anticipated, National Grid will minimize impacts to the greatest extent and will consult with applicable regulatory agencies and Tribal Historic Preservation Offices when applicable prior to construction start.

- c. Has the State Historic Preservation Office been contacted with regard to this project? ☒ No ☐ Yes (describe)

- d. Would the proposed project interfere with visual resources (e.g., eliminate scenic views) or alter the present landscape? ☒ No ☐ Yes (describe)

- e. Would the proposed project be located on or adjacent to tribal lands, lands considered to be sacred, or lands used for traditional purposes? Describe any known tribal sensitivities for the proposed project area.

The project may be located on or adjacent to tribal lands. National Grid will consult with the Tribal Historic Preservation Office in advance of constructing the project and ensure Best Management Practices are followed.

### 6. Atmospheric Conditions/Air Quality

- a. Identify air quality conditions in the immediate vicinity of the proposed project with regard to attainment of National Ambient Air Quality Standards (NAAQS). This information is available under the Green Book Non-Attainment Areas for Criteria Pollutants located at <http://www.epa.gov/air/oaqps/greenbk/astate.html>

	Attainment	Non-Attainment
O <sub>3</sub> - 1 Hour	X	<input type="checkbox"/>
O <sub>3</sub> - 8 Hour	X	<input type="checkbox"/>
SO <sub>x</sub>	X	<input type="checkbox"/>
PM - 2.5	X	<input type="checkbox"/>
PM - 10	X	<input type="checkbox"/>
CO	X	<input type="checkbox"/>
NO <sub>2</sub>	X	<input type="checkbox"/>
Lead	X	<input type="checkbox"/>

National Grid has reviewed the EPA's Green book and confirms that there are no nonattainment designations in MA or NY.

- b. Would proposed project require issuance of new or modified local, state, or federal air permits to perform project related work and activities? ☒ No ☐ Yes (describe)

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- c. Would the proposed project be in compliance with local and state air quality requirements? ☒ Yes ☐ No If not, please explain.
- d. Would the proposed project be classified as either a New Source or a major modification to an existing source?  
☒ No ☐ Yes (describe)
- e. What types of air emissions, including fugitive emissions, would be anticipated from the proposed project, and what would be the maximum annual rate of emissions for the project?

	Maximum per Year	Total for Project
<input type="checkbox"/> SO <sub>x</sub>		
<input checked="" type="checkbox"/> NO <sub>x</sub>		
<input checked="" type="checkbox"/> PM - 2.5		
<input checked="" type="checkbox"/> PM - 10		
<input checked="" type="checkbox"/> CO		
<input type="checkbox"/> CO <sub>2</sub>		
<input type="checkbox"/> Lead		
<input type="checkbox"/> H <sub>2</sub> S		
<input type="checkbox"/> Organic solvent vapors or other volatile organic compounds--List:		
<input type="checkbox"/> Hazardous air pollutants -- List:		
<input type="checkbox"/> Other -- List:		
<input type="checkbox"/> None		

National Grid Fleet vehicles currently operate on diesel fuel that may emit pollutants such as PM, NO<sub>x</sub>, and CO. Since it is unknown how many vehicles would be designated for the FLISR project, maximum emissions rates cannot be calculated at this time. However, please note National Grid expects emission from all diesel run vehicles to be reduced in the near future as the Company implements its plan to electrify its Fleet vehicles.

- f. Would any types of emission control or particulate collection devices be used?  
☐ No ☒ Yes (describe, including collection efficiencies)

National Grid commits to limiting vehicle idling times to five minutes except for when engine power is necessary for the delivery of materials or to operate accessories, using ultra-low sulfur diesel fuel in its diesel-powered construction equipment, and using diesel powered non-road construction equipment that is either USEPA Tier 4-compliant or will be retrofitted with USEPA-verified emission control devices such as oxidation catalysts or other comparable technologies installed on the exhaust system side of the diesel combustion engine.

- g. How would emissions be vented?

## 7. Hydrologic Conditions/Water Quality

- a. What nearby water bodies may be affected by the proposed project? Provide distance(s) from the project site.

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The Project extends throughout National Grid's existing distribution network therefore a list of water bodies potentially affected by the Project and their distances from the Project would be overly consuming. No list of water bodies is provided at this time. However, National Grid will ensure these water bodies are protected during construction through the implementation of best management practices.

- b. What sources would supply potable and process water for the proposed project?  
No water will be used or processed for the construction or operation of the Project.

- c. Quantify the wastewater that would be generated by the proposed project.

	Gallons/day	Gallons/year
<input type="checkbox"/> Non-contact cooling water		
<input type="checkbox"/> Process water		
<input type="checkbox"/> Sanitary		
<input type="checkbox"/> Other -- describe:		
<input checked="" type="checkbox"/> None		

- d. What would be the major components of each type of wastewater (e.g., coal fines)? ☒ No wastewater produced

- e. Identify the local treatment facility that would receive wastewater from the proposed project.  
☒ No discharges to local treatment facility

- f. Describe how wastewater would be collected and treated. ☒ No wastewater produced

- g. Would any run-off or leachates be produced from storage piles or waste disposal sites? ☐ No ☒ Yes (describe source)  
Minor run-off could occur as a result of the project, but would be limited through the use of best management practices such as soil erosion and sediment controls around the perimeter of the site, corralling soil stockpiles and covering the pile, if necessary.

- h. Would project require issuance of new or modified water permits to perform project work or site development activities?  
☒ No ☐ Yes (describe)

- i. Where would wastewater effluents from the proposed project be discharged? ☒ No wastewater produced

- j. Would the proposed project be permitted to discharge effluents into an existing body of water?  
☒ No ☐ Yes (describe water use and effluent impact)



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- k. Would a new or modified National Pollutant Discharge Elimination System (NPDES) permit be required?  
☒ No ☐ Yes (describe)  
National Grid may submit a Stormwater Pollution Prevention Plan for the Project for compliance with USEPA's NPDES program under the Stormwater Construction General Permit.
- l. Would the proposed project adversely affect the quality or movement of groundwater? ☒ No ☐ Yes (describe)
- m. Would the proposed project require issuance of an Underground Injection Control (UIC) permit?  
☒ No ☐ Yes (describe)
- n. Would the proposed project be located in or near a wellhead protection area, drinking water protection area, or above a sole source aquifer or underground source of drinking water (USDW)?  
☐ No ☒ Yes (describe)  
The Project may be located in or near a wellhead protection area, drinking water protection area or above a sole source aquifer, though best management practices will be utilized such as stockpiling soils away from these resources, corralling soils and using soil erosion and sediment controls to protect these water supplies.

### 8. Solid and Hazardous Wastes

- a. Identify and estimate wastes that would be generated from the project. Solid wastes are defined as any solid, liquid, semi-solid, or contained gaseous material that is discarded, has served its intended purpose, or is a manufacturing or mining by-product (See [EPA Municipal Solid Waste](#) and [Municipal Solid Waste by State](#)).

	Annual Quantity
<input type="checkbox"/> Municipal solid waste (e.g., paper, plastic, etc.)	
<input type="checkbox"/> Coal or coal by-products	
<input type="checkbox"/> Other -- Identify:	
<input type="checkbox"/> Hazardous waste -- Identify:	
<input checked="" type="checkbox"/> None	

- b. Would project require issuance of new or modified solid waste and/or hazardous waste related permits to perform project work activities? ☒ No ☐ Yes (explain)
- c. How and where would solid waste disposal be accomplished?  
☒ None generated  
☐ On-site (identify and describe location)  
☐ Off-site (identify location and describe facility and treatment)
- d. How would wastes for disposal be transported?

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- e. Describe hazardous wastes that would be generated, treated, handled, or stored under this project. Hazardous waste information can be found at [EPA Hazardous Waste](#) website.    ☒ None
- f. How would hazardous or toxic waste be collected and stored?    ☒ None used or produced
- g. If hazardous wastes would require off-site disposal, have arrangements been made with a certified TSD (Treatment, Storage, and Disposal) facility?  
☒ Not required    ☐ Arrangements not yet made    ☐ Arrangements made with a certified TSD facility (identify)

### 9. Health/Safety Factors

- a. Identify hazardous or toxic materials that would be used in the proposed project.  
☒ None    ☐ Hazardous or toxic materials that would be used (identify):
- b. Describe the potential impacts of this project's hazardous materials on human health and the environment.  
☒ None
- c. Would there be any special physical hazards or health risks associated with the project?    ☒ No    ☐ Yes (describe)
- d. Does a worker safety program exist at the location of the proposed project?    ☐ No    ☒ Yes (describe)  
National Grid has a robust worker safety program that complies with electric utility regulations and covers a wide range of topics to ensure worker safety.
- e. Would additional safety training be necessary for any new laboratory, equipment, or processes involved with the project?  
☒ No    ☐ Yes (describe)
- f. Describe any increases in ambient noise levels to the public from construction and operational activities.  
☒ None    Increase in ambient noise level (describe)  
Noise may be increased in the immediate vicinity of construction. Noise impacts are expected to be short-term and not generally considered significant.
- g. Would project construction result in the removal of natural or other barriers that act as noise screens?  
☐ No construction planned    ☒ No    ☐ Yes (describe)
- h. Would hearing protection be required for workers?    ☒ No    ☐ Yes (describe)

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### 10. Environmental Restoration and/or Waste Management

- a. Would the proposed project include CERCLA removals or similar actions under RCRA or other authorities?  
X No ☐ Yes (describe)
- b. Would the proposed project include siting, construction, and operation of temporary pilot-scale waste collection and treatment facilities or pilot-scale waste stabilization and containment facilities? X No ☐ Yes (describe)
- c. Would the proposed project involve operations of environmental monitoring and control systems?  
X No ☐ Yes (describe)
- d. Would the proposed project involve siting, construction, operation, or decommissioning of a facility for storing packaged hazardous waste for 90 days or less? X No ☐ Yes (describe)

### E. REGULATORY COMPLIANCE

1. For the following laws, describe any existing permits, new or modified permits, manifests, responsible authorities or agencies, contacts, etc., that would be required for the proposed project
- a. Resource Conservation and Recovery Act (RCRA): X None ☐ New Required ☐ Modification Required  
Describe:  
No hazardous wastes will be generated as part of this project.
- b. Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):  
☐ None X New Required ☐ Modification Required  
Describe:  
In the event the Project route is located within a CERCLA listed site, National Grid will obtain the necessary approvals prior to construction start.
- c. Toxic Substance Control Act (TSCA): X None ☐ New Required ☐ Modification Required  
Describe:  
No toxic substances will be generated as part of this project.
- d. Clean Water Act (CWA): ☐ None X New Required ☐ Modification Required  
Describe:  
In the event the Project route is located within Waters of the U.S., National Grid will obtain the necessary approvals prior to construction start.
- e. Underground Storage Tank Control Program (UST): X None ☐ New Required ☐ Modification Required  
Describe:

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No underground tanks are expected to be encountered as part of this project.

- f. Underground Injection Control Program (UIC):      ☒ None      ☐ New Required      ☐ Modification Required  
Describe:

No underground injections are expected as a result of this project.

- g. Clean Air Act (CAA):      ☒ None      ☐ New Required      ☐ Modification Required  
Describe:

Construction and operation of this project will not cause or contribute to a condition of air pollution.

- h. Endangered Species Act (ESA):      ☐ None      ☒ New Required      ☐ Modification Required  
Describe:

In the event the Project route is located within rare, threatened or endangered species habitat, National Grid will obtain the necessary approvals prior to construction start.

- i. Floodplains and Wetlands Regulations:      ☐ None      ☒ New Required      ☐ Modification Required  
Describe:

In the event the Project route is located in or near floodplains and jurisdictional wetlands, National Grid will obtain the necessary approvals prior to construction start.

- j. Fish and Wildlife Coordination Act (FWCA):      ☐ None      ☒ New Required      ☐ Modification Required  
Describe:

In the event the Project route is located in or near waters of the U.S. that provide fish and wildlife habitat, National Grid will obtain the necessary approvals prior to construction start.

- k. National Historic Preservation Act (NHPA):      ☐ None      ☒ New Required      ☐ Modification Required  
Describe:

In the event the Project route is located in close proximity to a historic property, National Grid will obtain the necessary approvals prior to construction start.

- l. Coastal Zone Management Act (CZMA):      ☐ None      ☒ New Required      ☐ Modification Required  
Describe:

In the event the Project route is located in a coastal zone, National Grid will obtain the necessary approvals prior to construction start.

2. Identify any other environmental laws and regulations (Federal, state, and local) for which compliance would be necessary for this project, and describe the permits, manifests, and contacts that would be required.

In the event the Project route is located in wetland buffer zones outlined in local Massachusetts Conservation Commission City/Town Bylaws, or a City/Town has a specific stormwater bylaw, National Grid will obtain the necessary approvals prior to construction start.

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F. DESCRIBE ANY ISSUES THAT WOULD GENERATE PUBLIC CONTROVERSY REGARDING THE PROPOSED PROJECT. ☒ None

G. WOULD THE PROPOSED PROJECT PRODUCE ADDITIONAL DEVELOPMENT, OR ARE OTHER MAJOR DEVELOPMENTS PLANNED OR UNDERWAY, IN THE PROJECT AREA?

☒ No ☐ Yes (describe)

H. SUMMARIZE THE SIGNIFICANT IMPACTS THAT WOULD RESULT FROM THE PROPOSED PROJECT.

☒ None (provide supporting detail) ☐ Significant impacts (describe)


There are no significant impacts expected as a result of the construction or operation of the Project. Localized environmental impacts resulting in minor soil disturbance is expected if a pole was to be replaced. However, most activities would be performed overhead with no soil disturbance along the shoulder of public roadways, through the use of one or two bucket trucks. No change to land use is expected. Traffic, air, and noise impacts would be negligible and would be short in duration. National Grid will minimize impacts to water resources through the use of best management practices, such as soil erosion and sediment controls and construction matting, if necessary. Any potential impacts to rare, threatened and endangered species or known historic and archaeological resources would occur only after consultation with the applicable agencies and approval from these regulatory agencies are granted. If impacted soil handling is required a soil management plan will be developed for the Project. If work is to occur within a CERCLA listed site, development of a remedial action plan for review and approval from the proper federal/state agencies will be made.

I. PROVIDE A DESCRIPTION OF HOW THE PROJECT WOULD BE DECOMMISSIONED, INCLUDING THE DISPOSITION OF EQUIPMENT AND MATERIALS.

If decommissioning of equipment is required, recycling and/or disposal would be in accordance with applicable federal and state regulatory approval and National Grid policies and procedures.

### III. CERTIFICATION BY PROPOSER

I hereby certify that the information provided herein is current, accurate, and complete as of the date shown immediately below.

Signature: Peter E.  Digitally signed by Peter E. Harley Date: 2023.03.09 Date (mm/dd/yyyy): 3/8/23

Typed Name: Peter E. Harley

Title: Director - Environmental NE

Organization: National Grid

### IV. REVIEW AND APPROVAL BY DOE

I hereby certify that I have reviewed the information provided in this questionnaire, have determined that all questions have been appropriately answered, and judge the responses to be consistent with the efforts proposed.

DOE Project Manager

Signature: \_\_\_\_\_ Date (mm/dd/yyyy): \_\_\_\_\_

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