nationalgrid

Request for Proposal (RFP)

Non-Wires Alternatives Solutions

Massachusetts Summer 2025

RFP Issue Date: June 1st, 2025
Proposal Submission Deadline: July 15th, 2025

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1.0 General Information

1.1 Introduction

Massachusetts Electric Company and Nantucket Electric Company, d/b/a National Grid (National Grid or the Company) is an electric and gas investor-owned utility committed to providing safe, reliable, and affordable energy to all customers throughout its service territory in Massachusetts. As a part of providing this service, National Grid is pursuing the potential implementation of Non-Wires Alternatives (NWA) solutions in its service territory. Find out more about National Grid and its affiliate companies at https://www.nationalgrid.com/about-us.

This request for proposal (RFP) is open to all NWA approaches that have the potential to provide NWA solutions in the area(s) identified in the problem description. National Grid has several long-term goals in consideration (in alignment with state, federal, and Company ambitions) that impact the viability of any given proposal.

Such implementation aligns with principles set forth in the following:

- National Grid's Responsible Business Charter, with a commitment to reduce greenhouse gas (GHG) emissions by 2050
- National Grid's Massachusetts Electric Sector Modernization Plan (ESMP)

To learn more about National Grid's approach to NWAs, please visit https://www.nationalgridus.com/Business-Partners/Non-Wires-Alternatives/.

1.2 Important Notices

Please be advised that there are several important notices regarding the requirements for the summer 2025 competitions stated in this RFP.

All funding for the summer 2025 competitions addressed by this RFP are dependent on approval by the Massachusetts Department of Public Utilities (DPU) of the Grid Services Compensation Fund (GSCF) that was proposed in National Grid's Electric Sector Modernization Plan (ESMP). National Grid has high confidence that the MA DPU will rule on approval of the GSCF by July 1st, 2025. **No bid will be considered for award until after National Grid receives approval of the GSCF.**

The purpose of the summer 2025 competitions is to pilot new approaches to National Grid's procurement process for NWAs. The insights gained will inform the Company's future efforts to implement NWAs in its Massachusetts territory, aiming to defer the need for grid infrastructure or serve as bridge-to-wires solutions. The timeline for the submission of RFP bids and the associated dispatch windows for summer 2025 are anticipated to be shorter for this competition than those of future competitions, to allow for learnings to be gathered in 2025.

1. The limited timeframe between the submission of RFP bids and the corresponding contracting and dispatch dates necessitates that **only existing assets will be considered**

for summer 2025 competitions; assets that have not yet been constructed will not be considered. For subsequent RFPs, both existing and newly constructed assets will be eligible for consideration.

2. Due to the tight timeline of bid submissions to dispatch, National Grid **will only be accepting Scheduled Dispatch (day-ahead) bids** for summer 2025 needs. Future RFPs will consider both Scheduled Dispatch and Real-Time Dispatch submissions. *Please refer to the Massachusetts Flexibility Services Standard Agreement for more information on the Scheduled Dispatch Requirements. More information on the Flexibility Services Standard Agreement can be found in Section 1.3 below.*

In the North Foxboro (South Wrentham) and Nantucket areas, only assets directly connected to the grid (commonly known as "Front of the Meter" or "standalone") such as solar and energy storage are eligible for this RFP. All other assets in those areas are ineligible to participate.[1]

Electric Vehicle (EV) charging assets are not eligible for consideration for the summer 2025 competitions.[2]

Fossil fuel based assets will not be eligible to bid into this RFP.

National Grid may run subsequent RFPs for the locations in this RFP for various seasonal needs through 2029. Those RFPs may include the potential for seasonal or multi-year agreements. The details of future needs can be found in Section 5 and Appendix C.

1.3 Standard Agreement

In order to simplify and streamline participation in NWAs, National Grid recently developed the Massachusetts Flexibility Services Standard Agreement (the "Standard Agreement") for its Massachusetts electric service territory. As there is a shortened timeframe for the summer 2025 competitions, the most recent Standard Agreement reflects the applicable changes from the Flexibility Service Agreement for National Grid's New York service territory. Future RFPs could have a different corresponding Standard Agreement that reflects potential future product offerings outside of our Scheduled Dispatch Service. *Please refer to the Massachusetts Flexibility Services Standard Agreement for more information.*

1.4 RFP Schedule and Test Dispatches

1.4.1 RFP Schedule

The RFP schedule presented below is subject to change.

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[1] National Grid is planning to offer bonus programmatic incentives, known as ConnectedSolutions+, via its existing ConnectedSolutions demand response programs in the North Foxboro (South Wrentham) and Nantucket areas. Assets eligible for those programs may apply for those incentives, but will not be considered if submitted in response to this RFP.

[2] Electric vehicle charging assets may be able to provide grid services for the summer 2025 period via the EV programmatic incentive planned to be launched by National Grid in July 2025.

Tentative Date	Milestone
June 2, 2025	RFP issued, Bidder qualifications and RFP submission period opens on Piclo platform
June 17, 2025	Pre-bid teleconference
June 23, 2025, 5 PM EST	Deadline to submit Supplier Clarification Questions
July 15, 2025, 5 PM EST	Bidder qualifications and RFP submission closes; bidders must have all proposal information, including bids, submitted to Piclo platform; test dispatching begins
August 1, 2025 5 PM EST	End of bid evaluation; all bidders notified of their status; test dispatching ends
August 15, 2025	Earliest Dispatch Begins

1.4.2 Test Dispatches

Please note that National Grid is requiring test dispatches, as defined in Appendix B of the Massachusetts Flexibility Services Standard Agreement, as part of the bidder qualification process. All bidders must have completed a successful test dispatch for their submission to be deemed eligible. Test dispatches will begin on July 15, 2025, and must be completed by August 1, 2025. Test dispatches will be coordinated with National Grid after RFP submission.

2.0 Offer Submittal Process

2.1 Proposal Submission Instructions

Proposals that do not provide the requested information below may be disqualified by National Grid.

All proposals must be submitted via the Piclo platform: https://usa.picloflex.com/dashboard. For assistance using the Piclo platform, please contact support@piclo.energy. In the event a bidder is unable to complete the bid process using the Piclo platform, please reach out to support@piclo.energyand Non-WiresAlternativeSolutions@nationalgrid.com.

It is the bidder's responsibility to thoroughly review all provisions of the respective supporting documents, appendices, and requirements of this RFP process as applicable. It is also the bidder's responsibility to understand all anticipated costs that should be factored into the bid price.

Any questions on or technical issues with submitting a proposal before the deadline should be promptly directed to Non-WiresAlternativeSolutions@nationalgrid.com.

2.2 Execution of Agreement

By submitting a proposal, the bidder agrees, if their proposal is selected by National Grid, that they are prepared to execute a definitive contract consistent with the bid price and contract terms; please see the Massachusetts Flexibility Services Standard Agreement. It is the bidder's

responsibility to be aware of all eligibility requirements and terms and conditions before execution of a contract.

3.0 Offer Evaluation Criteria

National Grid will evaluate and prioritize bids (bidders' proposed solutions or proposals) based on eligibility per the criteria set forth in this RFP. The number of projects and quantity of MWs which the Company will procure is a function of the proposal price, benefit-cost analysis (BCA) adherence, diversity and sustainability, project feasibility, company experience, size of portfolio submitted, contractual terms adherence, qualifications and the Company's final discretion. To be eligible for this RFP, all bidders must meet the criteria outlined in Appendix A – Bidder Qualifications

Bids providing partial solutions for the total load relief needed will be considered by the Company. Partial solutions that provide a portion of the solution requirements will be considered where the Company can identify other partners to create a full solution portfolio. Bidders may also team up to offer a portfolio solution using multiple technologies, sizes, and implementation schedules as a single bid, if this would provide the best value proposition. Bids will be considered based on their portfolio quantity committed load relief, and at what price the NWA solution provider is proposing. The NWA solution(s) will be required to operate as needed to support the electric system requirements as specified in Section 4.0.

Bidders must provide the contract price through the Piclo platform directly. (For more details, see Sections 4.4 ("Project Economics") and 4.5 ("Payment Structures") below.) Final pricing will be memorialized within the Massachusetts Flexibility Services Standard Agreement executed between the Company and the winning bidder(s).

The Company reserves the right to close, extend, and/or add to this solicitation at any time, and will post notification on the Company's NWA website and the Piclo platform, if so.

This procurement does not commit the Company to award a contract, to pay any costs incurred in the preparation of the proposal, nor to procure or contract for any services and/or supplies. The Company reserves the right to accept or reject any or all proposals received, or to cancel this procurement in part or in its entirety, if in doing so is in the best interests of National Grid.

4.0 Project Information

4.1 Distribution System Need Requirements

National Grid has identified five NWA opportunities for the summer 2025 season. For beyond 2025, National Grid will be seeking additional NWA solutions for both summer and winter needs for seasonal or longer contracts, the details of which can be found in Appendix C – Future Need Statements

Please note that no bid is required to meet the full planning need as defined by National Grid. NWAs that meet our suitability criteria for summer 2025 are as outlined below:

Table 1: Millbury Solutions Requirements

Substation	**Millbury**			
Limiting Asset	05_01_304W1	05_01_304W3	05_01_304W5	05_01_304W6
Need Type	Thermal Rating Issue	Thermal Rating Issue	Thermal Rating Issue	Thermal Rating Issue
Service Type	Generation Turn Up/ Consumption Turn Down	Generation Turn Up/ Consumption Turn Down	Generation Turn Up/ Consumption Turn Down	Generation Turn Up/ Consumption Turn Down
Commercial Operation Term	August 2025 through October 2025	August 2025 through October 2025	August 2025 through October 2025	August 2025 through October 2025
Contract Term	3 Months	3 Months	3 Months	3 Months
Maximum MW Need	1.2	0.7	3.1	1.8
Maximum MWh Need per Day	3.8	1.1	15.5	9.7
Days of Week Needed	Weekdays and Weekends	Weekdays and Weekends	Weekdays and Weekends	Weekdays and Weekends
Service Window	4 PM-10 PM	2 PM-9 PM	1 PM-11 PM	10 AM-10 PM
Maximum Duration per Dispatch (hours)	7	5	9	13
Dispatch Response Time	24 hours notice	24 hours notice	24 hours notice	24 hours notice
Maximum Number of times called during Summer 2025	18	7	47	22
Maximum Consecutive Days Called	5	3	14	5
Guaranteed Performance	95%	95%	95%	95%

Table 2: North Foxboro Solutions Requirements

Substation	**South Wrentham**
Limiting Asset	05_05_2287
Need Type	N-1 Contingency
Service Type	Generation Turn Up/ Consumption Turn Down

Commercial Operation Term	August 2025 through October 2025
Contract Term	3 Months
Maximum MW Need	2
Maximum MWh Need per Day	4.7
Days of Week Needed	Weekdays and weekends
Service Window	1 PM-6 PM
Maximum Duration per Dispatch (hours)	4
Dispatch Response Time	24 hours notice
Maximum Number of times called during Summer 2025	6
Maximum Consecutive Days Called	3
Guaranteed Performance	95%

Table 3: West Charlton Solutions Requirements

Substation	**West Charlton**	**West Charlton**
Limiting Asset	05_01_415L2	05_01_415L5
Need Type	Thermal Rating Issue	Thermal Rating Issue
Service Type	Generation Turn Down/ Consumption Turn Up	Generation Turn Down/ Consumption Turn Up
Commercial Operation Term	August 2025 through October 2025	August 2025 through October 2025
Contract Term	3 Months	3 Months
Maximum MW Need	2.4	0.6
Maximum MWh Need per Day	4.6	0.7
Days of Week Needed	Weekdays and Weekends	Weekdays and Weekends
Service Window	3 PM-6 PM	4 PM-5 PM
Maximum Duration per Dispatch (hours)	4	2
Dispatch Response Time	24 hours notice	24 hours notice
Maximum Number of times called during Summer 2025	61	2
Maximum Consecutive Days Called	10	1
Guaranteed Performance	95%	95%

Table 4: Whitins Pond Solutions Requirements

Substation	Whitins Pond
Limiting Asset	05_05_320W1
Need Type	Thermal Rating Issue
Service Type	Generation Turn Up/ Consumption Turn Down
Commercial Operation Term	August 2025 through October 2025
Contract Term	3 Months
Maximum MW Need	1.2
Maximum MWh Need per Day	2.6
Days of Week Needed	Weekdays and Weekends
Service Window	3 PM-9 PM
Maximum Duration per Dispatch (hours)	6
Dispatch Response Time	24 hours notice
Maximum Number of times called during Summer 2025	8
Maximum Consecutive Days Called	3
Guaranteed Performance	95%

Table 5: Nantucket Solutions Requirements

Substation	Candle Street
Limiting Asset	4605 N-1 Cable
Need Type	Thermal Rating Issue or N-1 Contingency
Service Type	Generation Turn Up/ Consumption Turn Down
Commercial Operation Term	August 2025 through October 2025
Contract Term	3 Months
Maximum MW Need	13.6
Maximum MWh Need per Day	108.4
Days of Week Needed	Weekdays and Weekends
Service Window	8 AM-10 PM
Maximum Duration per Dispatch (hours)	15
Dispatch Response Time	24 hours notice
Maximum Number of times called during Summer 2025	35

Maximum Consecutive Days Called	16
Guaranteed Performance	95%

Please note any assets contracted to deliver service for Nantucket Summer 2025 needs could be dispatched for either the thermal rating issue or the N-1 contingency scenario.

Commercial Operation Term: For this RFP, The Company is looking for at minimum, a three-month NWA solution. National Grid is not accepting bids longer than three-months for Summer 2025 competitions due to the short timeline. For subsequent competitions, National Grid may be seeking solutions beyond 2025, with longer commercial operation terms.

Contract Term: For this RFP, The Company is only seeking a three-month contract.

Maximum MW Need: Amount of load relief that is required to meet the need at peak loading, but should not limit the project size (i.e., projects with aggregate nameplate over or under 'Maximum MW Need' will be considered). The Company will consider partial NWA solutions as well as portfolio solutions. Bidders are encouraged to offer partial solutions if a full solution is not possible.

Maximum MWh Need Per Day: Largest continuous 24-hour MWh need of NWA solution (calculated by adding average hourly MW need over any 24-hour period) assuming average MW need would be affected by field operations (i.e., feeder ties/switching). Guaranteed nominal power and capacity ratings must be met for the duration of the contract period.

Days of Week Needed: Type of day during which the NWA solution could be called.

Service Window: Earliest and latest possible times of need by the Company (based on projections, not continuous hours). See "Maximum Duration per Dispatch" requirement.

Maximum Duration per Dispatch (hours): Longest, continuous need for the NWA solution. Not all hours may be at the "Maximum MW Need." No one provider shall have to bear the responsibility for the entire length of the need on a given day.

Dispatch Response Time: Lead time between a request for load relief by the Company and when the NWA solution is expected to provide the load relief.

Maximum Number of times called during summer 2025: Calls per season based on seasonal overload projections. The NWA solution will need to be available for at least the number of times called per season as stated.

Maximum Consecutive Days Called: The number of consecutive days that the NWA solution may be called upon by the Company (based on projections).

Guaranteed Performance: Guaranteed performance is defined by the amount of load reduction the NWA solution provides during a dispatch window as a percentage of the amount called upon by the Company. See the Standard Flexibility Contract for more details.

4.2 Locational Information

4.2.1 Target Substations and Feeders

Respondents should rely exclusively on National Grid's Massachusetts System Data Portal, under the Distribution Assets Overview tab, to ascertain the eligibility of their assets in relation to the feeders specified in Table 6. It is important to note that asset location will be reviewed by National Grid to determine eligibility.

Table 6: Substations and Feeders

Substation	First Overload Asset	Target Feeders
Millbury	05_01_304W5	05_01_304W1
		05_01_304W3
		05_01_304W5
		05_01_304W6
North Foxboro	05_05_2285	05_05_3431W1
		05_05_3431W2
		05_05_3432W1
		05_05_3432W2
	05_05_2287	05_05_349W1
		05_05_3424W1
	05_05_2288	05_05_3424W3
		05_05_3424W5
West Charlton	05_01_415L2	05_01_415L2
		05_01_415L3
		05_01_415L5
Whitins Pond	05_05_320W1	05_05_320W1
Nantucket	All feeders	04_04_101L1
		04_04_101L2
		04_04_101L3
		04_04_101L4
		04_04_101L5
		04_04_101L6
		04_04_101L7
		04_04_101L8

4.2.2 Target Substations and Zip Codes

Please note that the zip codes listed below do not exactly overlap with National Grid feeders and are instead intended to show the general area of the need. Please refer to the National Grid System Data Portal for the specific locational needs and to determine if an asset is located on the specified feeder(s).

Table 7: Substations and Zip Codes

Substation	Zip Codes
Millbury	01519, 01527, 01534, 01536, 01560, 01588, 01590, 01852, 02169
North Foxboro	02019, 02038, 02093, 02035
West Charlton	01506, 01507, 01566
Whitins Pond	01519, 01534, 01560 ,01568, 01588
Nantucket	02554, 02564

4.2.3 Customer Demographics

Please note the numbers listed below are an estimate of National Grid's customers in the five locations, based off the effected feeders, and are intended to show the general population of each area.

Substation	Commercial Customers	Residential Customers	Total Customers
Millbury	559	4586	5145
North Foxboro	305	1718	2023
West Charlton	180	891	1071
Whitins Pond	31	1002	1003
Nantucket	616	4290	4906

4.3 Eligible Flexibility Solutions

The procurement of grid services from existing Distributed Energy Resources (DERs) as an NWA solution could reduce the overall demand at critical periods and thereby address potential overloading at the corresponding substations.

All proposed solutions from bidders must meet the requirements in Section 4 and the appropriate appendix (Appendix A – Bidder Qualifications) that relate to each individual solution bid. Note, depending on the bid proposals received, the Company may elect to accept multiple proposals that when combined will provide a portfolio of NWA solutions; the Company may only need a portion of the bidder's proposed solution or committed MWs.

The Company will consider resources that may include one or more, or a combination of the following technologies in this RFP:

- Distributed Generation
- Energy Storage
- Demand Response
- Other resources that can meet the identified reliability needs

The Company will only consider bids that meet the following minimum requirements

- At least 200kW in aggregate
- Offer hourly services with a minimum dispatch service time of one hour

As stated in Section 1.2, for summer 2025 competitions, the Company will only be considering existing assets as solutions and will be excluding electric vehicles from participating. For subsequent RFPs, both new construction and existing assets will be considered.

4.4 Project Economics

The estimated net present value of the benefits (Approximate Value) of implementing an NWA solution for the substations is listed in the table below.

Substation	2025 Approximate Value in $/MW-Season
Millbury	$145,000.00
North Foxboro	$162,500.00
West Charlton	$162,500.00
Whitins Pond	$810,500.00
Nantucket	$550,000.00

The Approximate Value is the estimated net present value derived from the unique needs for each substation. The Company provides the Approximate Value in terms of $/MW-season to bidders so that the Company can determine if a given NWA solution is cost-competitive when compared to the traditional wires or alternative solution.

The Company is seeking cost-effective solutions that provide value to our customers. Bidders should submit their lowest price to be considered for enrollment. See Appendix C of the Massachusetts Flexibility Services Standard Agreement for Scheduled Dispatch Service Template. Bidder's pricing shall be submitted directly through the Piclo platform,

Bidders should note that dispatch payment may also be referred to as utilization rate on the Piclo Flex platform.

Bidders will be required, at a minimum, to detail the amount of load relief they will be able to provide, any specific day/time limitations, and the corresponding bid price such as the NWA solution cost rate per MW-hr and/or seasonal contract price, and other supporting information.

4.4.1 Confluence of Revenue

Assets that bid into the summer 2025 competitions are allowed to be used for other purposes during the Delivery Season and corresponding Service Windows, subject to Assets maintaining their ability to meet any service requirements as stipulated in this RFP and the Flexibility Services Agreement. It is the responsibility of the Seller to ensure that they can deliver up to the Committed MW/MVAR of Flexibility Services on instruction. If the bidder does not respond to Buyer's Dispatch

Instructions, National Grid reserves the right to terminate the Agreement. Please refer to Section 3.6 of Appendix B in the Standard Agreement for more information.

As stated in Section 1.2, National Grid is also offering additional programmatic incentives for its demand response programs in the **North Foxboro (South Wrentham) and Nantucket locations**. **It is prohibited for bidders to include or utilize assets or customers that are currently enrolled in, or intend to enroll in, the additional programmatic incentive, in the North Foxboro (South Wrentham) and Nantucket locations, as part of a market solution for these summer 2025 competitions.**

Bidders and their assets are eligible to participate in both existing ConnectedSolutions programs and the Flexibility services being procured in this RFP (except in the North Foxboro (South Wrentham) and Nantucket locations as stated above). Responding to a dispatch for an NWA need from this program will have no impact on eligibility or performance penalties for current or future Connected Solutions seasons.

4.5 Payment Structures

National Grid is providing flexibility in the payment structures such that bidders have the option to propose:

1. a fixed contract cost (i.e., an **availability payment**), regardless of the number of dispatches where bidders may propose a fixed contract price for a fixed load relief for a certain period of time or:
2. a cost per MW-hr performance rate with an availability payment or;
3. a cost per MW-hr performance rate only

Please note that the Company does not guarantee the number of calls or dispatches in a given year (as shown in Section 4.1 Distribution System Need Requirements above) and the number of calls may vary based on real-time conditions.

The three potential payment frameworks would be calculated as follows:

1. A set seasonal contract cost, with an annual payment to bidder by the Company, that could vary year by year and is not dependent on the number of dispatches. Contract value would be calculated as follows:

Annual Payment to Bidder= Availabilty Payment$ per MW× Committed MW−∑(Non Performance L iquidated Damages per event)

2. An seasonal availability payment paired with a dispatch payment based on the actual number of dispatches. Example: A bidder may propose a per MW payment based on the dispatches a year paired with an annual payment (based on the bid size). The contract value per year for a combination of availability payment and dispatch payment is as follows:

Annual Payment to Bidder= Availabilty Payment$ per MW× Committed MW+∑(Dispatch Payment $ per MWh× Delivered MWh per event)−∑(Non Performance Liquidated Damages per event)

3. A dispatch payment based on the actual number of dispatches. Example: A bidder may propose a per kW payment based on the actual number of dispatches where that would be the only payment made to the bidder. Contract value per year for dispatch payment only is:

Annual Payment to Bidder= ∑(Dispatch Payment $ per MWh× Delivered MWh per Event)−Non Performance Liquidated Damages per Event)

Note: Bidders who are awarded a contract by the Company would receive the Availability Payment and Dispatch Payment at the end of the contract term.

Bidders must account for standard utility electric service costs, inclusive of delivery charges, when submitting a price. For aggregations and BTM assets, bidders should account for their monthly delivery charges. Demand charges should only be associated with the NWA dispatch.

For BTM resources, bidders should take note of the operational requirements section, 4.3 Eligible Flexibility Solutions and Appendix B - Scheduled Dispatch Integration and Operational Requirements, for metering requirements.

5.0 Beyond Summer 2025

National Grid intends to seek to procure flexible capacity for needs in these and other locations beyond Summer 2025, for both summer and winter needs. For future bid events – including events that seek capacity for winter 2025 - we anticipate both Real-Time Dispatch and Scheduled Dispatch Service bids may be accepted. National Grid may consider long-term capacity contracts as well as seasonal contracts depending on the market requirements and system planning needs. Please refer to Appendix C for more information around subsequent RFPs for Winter 2025-2026 through 2029.

Please refer back to the National Grid NWA website or the Piclo platform for future NWA competitions. Registering your asset on the Piclo platform ensures that you will be notified of any upcoming opportunities.

Appendix A – Bidder Qualifications

The following items are to be completed by bidders as part of rolling bidder approvals on the Piclo platform: https://usa.picloflex.com/dashboard. The Company, at its discretion, may request additional supporting information to determine if a bidder is qualified. Fields have been numbered for easy referencing. Field order, copy, and other criteria are subject to change.

Unless otherwise specified, all field types will be standard text entry fields.
An asterisk (*) denotes a mandatory field.

Bidders must answer these pre-qualification questions in the Piclo platform.

Introduction

Complete this form through the Piclo platform with details of the specific legal entity you reasonably expect to sign the legal contract for Flexibility Services.

1.1 Organization introduction*
1.2 Organization website*

Registration Details

2.1 Registered or legal name*
2.2 Previous registered name (if applicable)
2.3 Registered address 1*
2.4 Registered address 2
2.5 Registered address 3
2.6 Registered address ZIP code*
2.7 Organization type*
2.8 What is this organization's Federal Tax ID / EIN? *
2.9 Country of registration *
2.10 Date of Registration (of company)
2.11 Are you a Tier 1 Supplier (diverse supplier)?

Relationship with Assets

3.1 What is the legal relationship with the flexibility assets? *
3.2 Describe the asset management and ownership structure? *

Organization Status

4.1 Is this organization currently, or has it ever been unable to pay its debts as they fall due? *
4.2 Is this organization currently, or has it ever had any petitions for bankruptcy (or their equivalent in the country in which the Applicant is incorporated) within the last three years? *

4.3 Is this organization currently, or has it ever had, in the past 3 years, any similar energy provision contracts terminated prematurely and/or had damages claims or other comparable sanctions brought against the organization for any significant or persistent deficiencies in performance of a substantive requirement of the contract? *

Auditing, Insurance and Legal Accounts

5.1 Please upload a file of your most recent audited financial accounts (covering at least two years or as much as you have).*

Insurance Details

6.1 Do you have a copy of your company's current Certificate of Insurance (COI)?

6.2 The insurance requirements for your proposal can be viewed on Piclo Flex Platform. Please note those within "if applicable" is dependent on the proposal submitted and will be waived if it does not pertain the work put forward. Please indicate you will adhere to the insurance requirements listed in Piclo Flex Platform. Any questions on this can be directed to Piclo / National Grid for clarification. *

Legal

6.3 Provide a statement of any material non-employment related litigation (pending, threatened or determined) or other legal proceedings against the organization within the last three years that may be relevant to your ability to deliver services. If none, please respond N/A.

Declare and Submit Contact Information

In case the Company needs to get in touch regarding any of the information provided, please provide a suitable contact email and phone number.

6.4 Key contact name*

6.5 Key contact email*

6.6 Key contact number

Asset Information

Please note that all questions in Section 7 are mandatory.

7.1 What type of DER(s) will your firm submit? (select all that apply)*:

i. Aggregation of residential thermostats
ii. Aggregation of residential BTM batteries
iii. C&I demand response (please specify customer types and technologies/systems utilized)

iv. Standalone FTM battery energy storage system
v. Solar (distributed generation) plus battery energy storage system
vi. Other (please specify)

7.2 Are those DER(s) currently or will be operational in summer 2025? Please note that we are only accepting DER(s) that can be operational for the summer 2025 competitions*.

7.3 What is the approximate size (MW and MWh) of the bid your firm could deliver?*

7.3.1 What is the maximum number of dispatches your firm can deliver?*

7.3.2 What is the maximum run time (in hours) your bid can deliver?*

7.4 List the feeder(s) that your assets are located on.*

7.5 Are you able to meet weekend needs? Please note all locations may require a weekend dispatch.*

7.6 Is your company able to provide a test dispatch during the month of July as part of the bidder qualification process?*

7.7 Is your Distributed Energy Resource able to respond to day-ahead (at least 24 hours) notifications for dispatch? *

7.8 Is your DER able to provide, at a minimum, hourly interval metering data?*

7.9 . *If your DER has the ability to perform against dispatches in ConnectedSolutions and this RFP's needs in a single day and would like to opt-in to the possibility of multiple dispatches in a single calendar day, please indicate on a per bid basis.*

7.10 Bidder must acknowledge that they must review and submit the following if awarded.*

7.9.1 Review National Grid Payment Methods

7.9.2 Review Supplier Obligations to National Grid's contract document

7.9.3 Supplier Code of Conduct and Ethics Acknowledgment

7.9.4 NDA (includes Data Security Agreement)

7.9.5 Terms & Conditions for Flexibility Services

Declaration

In order to provide flexibility services after a successful competition, the Company's Flexibility Terms and Conditions will need to be signed.

8.1 Do you expect that your firm's Registered name, Trading name, or Parent name will be the entity named in any resulting contracts with the Company? Please explain why and, where possible, provide an example of an expected entity name. *

8.2 Do you declare that you have the authority to submit this application and by confirming you declare that to the best of your knowledge, the information in this form is accurate*

Outreach

9.1.1 How should National Grid update your firm regarding future opportunities? Please provide an email if you wish to be updated about future National Grid opportunities.

Appendix B - Scheduled Dispatch Integration and Operational Requirements

Monitoring and Dispatch Control Requirements for Scheduled Dispatch Service

Scheduled Dispatch Service providers will not require real-time telemetry between National Grid and individual DERs or the DER aggregation. However, the service provider will be responsible for installing, commissioning, operating, and maintaining all necessary telemetry equipment needed to maintain visibility and control of DER. Parallel-connected generation connecting to National Grid's EPS and seeking to provide Scheduled Dispatch Service, the proposed solution must still be compliant with the ESB 756 .

For aggregated DER co-located with retail load and are non-exporting facilities that do not fall under the scope of ESB 756, the third-party aggregator is responsible for installing, commissioning, operating, and maintaining all necessary telemetry equipment that the aggregator needs to maintain visibility and control of DER/DR to third party aggregator. However, no real-time telemetry is required between the aggregator (or its DER/DR) and National Grid. In the case of aggregations, only the aggregator will be notified of the NWA event. The aggregator is responsible for notifying resources within its respective aggregation(s).

Dispatch Coordination Expectations

Scheduled Dispatch Service providers will be expected to provide pre-agreed responses during the Service Window for each day activated. The response may be consistent or vary hourly based on the asset bid by the service provider. For instance, an energy storage system might dispatch at 50% of nameplate initially and increase to 100% in the second hour, potentially depleting in the following mid-hour. Similarly, resources like thermostats may have non-linear response profiles over an hour. It is expected that National Grid will work with the service provider to determine the operational characteristics of the assets and operational capabilities which may facilitate a changing hourly dispatch or a flat level dispatch for some or the entire server window.

In this manner, DERs providing Scheduled Dispatch Service may serve similar to 'event-based' grid resources, akin to traditional demand response programs.

Dispatch Notification (day-ahead) Process: National Grid will provide activations for Scheduled Dispatch Service at least 24 hours (i.e., day-ahead) prior to a dispatch event. Providers are to confirm receipt and availability when notified of activation. See the Massachusetts Flexibility Services Standard Agreement Appendix C for details.

Metering

Metering and associated communications are necessary to ensure that National Grid must be able to measure and verify the load relief that was delivered during an NWA event. The customer shall be responsible for all metering and communication devices and associated costs.

For NWA solutions that do not have SCADA capabilities or fully dispatchable such as behind the meter assets, participants must have National Grid interval metering in place to participate. All performance will be measured using National Grid's interval meter data.

All DER facilities providing Scheduled Dispatch Service must have National Grid-approved revenue grade interval metering requirements regardless of the flexibility service type.

For parallel-connected generation connecting to National Grid's EPS, the proposed solution must be compliant with the revenue metering requirements within ESB 756. **Revenue metering must be at minimum hourly interval meters to support National Grid's dispatch M&V process.**

Any resource requesting interval metering must submit a request to National Grid requesting the installation of a new meter and ensure the interval meter is in place in time by the in-service date. The customer taking electric service from National Grid is responsible for the metering and installation costs. The metering and installation costs are available from National Grid's representatives. Metering communications are necessary for administration of the NWA solution.

Appendix C – Future Need Statements

National Grid may run subsequent RFPs for the locations stated in this appendix for various seasonal needs through at least 2029. Those RFPs may include the potential for seasonal or multi-year agreements. Please note the need statements in this appendix are based off current forecasts, are for informational purposes only, and are subject to change.

Substation	Limiting Asset	Need Type	Service Type	Commercial Operation Term	Contract Term	Maximum MW Need	Maximum MWh Need per Day	Days of Week Needed	Service Window	Max Hrs Duration per Dispatch	Dispatch Response Time	Max Calls per Season	Maximum Consecutive Days Called	Guaranteed Performance
Candle St	4605 Cable	Thermal Rating Issue	Turn Down	April 2026 through October 2026	TBD	3.8	17.9	Weekdays and Weekends	12 PM-8 PM	9	24 hours load notice	13	5	95%
Candle St	4605 Cable	Thermal Rating Issue	Turn Down	April 2027 through October 2027	TBD	4.3	22.6	Weekdays and Weekends	11 AM-9 PM	11	24 hours load notice	16	6	95%
Candle St	4605 Cable	Thermal Rating Issue	Turn Down	April 2028 through October 2028	TBD	5	30.4	Weekdays and Weekends	10 AM-9 PM	12	24 hours load notice	21	9	95%
Candle St	4605 Cable	Thermal Rating Issue	Turn Down	April 2029 through October 2029	TBD	6	40.7	Weekdays and Weekends	9 AM-9 PM	13	24 hours load notice	24	11	95%
Candle St	4605 N-1 Cable	N-1 Contingency	Turn Down	April 2026 through October 2026	TBD	14.5	119.9	Weekdays and Weekends	8 AM-10 PM	15	24 hours load notice	37	17	95%
Candle St	4605 N-1 Cable	N-1 Contingency	Turn Down	April 2027 through October 2027	TBD	15.3	131.7	Weekdays and Weekends	8 AM-11 PM	15	24 hours load notice	42	18	95%
Candle St	4605 N-1 Cable	N-1 Contingency	Turn Down	April 2028 through October 2028	TBD	16.7	149.6	Weekdays and Weekends	8 AM-11 PM	16	24 hours load notice	44	20	95%
Candle St	4605 N-1 Cable	N-1 Contingency	Turn Down	April 2029 through October 2029	TBD	18.3	172.7	Weekdays and Weekends	8 AM-11 PM	16	24 hours load notice	49	22	95%
Millbury	05_01_304 W1	Thermal Rating Issue	Turn Down	April 2026 through October 2026	TBD	1.3	4.2	Weekdays and Weekends	4 PM-10 PM	7	24 hours load notice	18	5	95%

Millbury	05_01_304 W1	Thermal Rating Issue	Turn Down	April 2027 through October 2027	TBD	1.4	4.7	Weekdays and Weekends	2 PM-10 PM	7	24 hours load notice	19	5	95%
Millbury	05_01_304 W1	Thermal Rating Issue	Turn Down	April 2028 through October 2028	TBD	1.5	5.2	Weekdays and Weekends	2 PM-10 PM	7	24 hours load notice	20	5	95%
Millbury	05_01_304 W1	Thermal Rating Issue	Turn Down	April 2029 through October 2029	TBD	1.6	6.1	Weekdays and Weekends	2 PM-10 PM	7	24 hours load notice	21	5	95%
Millbury	05_01_304 W3	Thermal Rating Issue	Turn Down	April 2026 through October 2026	TBD	0.8	1.5	Weekdays and Weekends	2 PM-9 PM	6	24 hours load notice	7	3	95%
Millbury	05_01_304 W3	Thermal Rating Issue	Turn Down	April 2027 through October 2027	TBD	0.9	2	Weekdays and Weekends	2 PM-9 PM	6	24 hours load notice	8	3	95%
Millbury	05_01_304 W3	Thermal Rating Issue	Turn Down	April 2028 through October 2028	TBD	1	2.5	Weekdays and Weekends	1 PM-9 PM	6	24 hours load notice	10	3	95%
Millbury	05_01_304 W3	Thermal Rating Issue	Turn Down	April 2029 through October 2029	TBD	1.2	3.5	Weekdays and Weekends	1 PM-9 PM	8	24 hours load notice	12	4	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	November 2025 through March 2026	TBD	0.8	2	Weekdays and Weekends	4 PM-8 PM	4	24 hours load notice	13	4	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	November 2026 through March 2027	TBD	1.1	3.2	Weekdays and Weekends	3 PM-8 PM	6	24 hours load notice	28	9	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	November 2027 through March 2028	TBD	1.4	5.4	Weekdays and Weekends	9 AM-9 PM	13	24 hours load notice	38	11	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	November 2028 through March 2029	TBD	1.8	9	Weekdays and Weekends	7 AM-9 PM	14	24 hours load notice	52	15	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	November 2029 through March 2030	TBD	2.2	14	Weekdays and Weekends	6 AM-10 PM	16	24 hours load notice	71	20	95%

Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	November 2030 through March 2031	TBD	0.6	1.2	Weekdays and Weekends	4 PM-7 PM	4	24 hours load notice	10	3	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	April 2026 through October 2026	TBD	3.2	16.1	Weekdays and Weekends	12 PM-11 PM	9	24 hours load notice	51	14	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	April 2027 through October 2027	TBD	3.3	16.8	Weekdays and Weekends	12 PM-11 PM	9	24 hours load notice	56	14	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	April 2028 through October 2028	TBD	3.4	17.5	Weekdays and Weekends	12 PM-11 PM	9	24 hours load notice	60	14	95%
Millbury	05_01_304 W5	Thermal Rating Issue	Turn Down	April 2029 through October 2029	TBD	3.6	18.8	Weekdays and Weekends	12 PM-11 PM	9	24 hours load notice	67	14	95%
Millbury	05_01_304 W6	Thermal Rating Issue	Turn Down	November 2028 through March 2029	TBD	0.4	0.7	Weekdays and Weekends	7 AM-11 AM	5	24 hours load notice	2	2	95%
Millbury	05_01_304 W6	Thermal Rating Issue	Turn Down	November 2029 through March 2030	TBD	0.8	3.4	Weekdays and Weekends	7 AM-8 PM	12	24 hours load notice	8	5	95%
Millbury	05_01_304 W6	Thermal Rating Issue	Turn Down	November 2030 through March 2031	TBD	0.5	1.1	Weekdays and Weekends	4 PM-6 PM	3	24 hours load notice	1	1	95%
Millbury	05_01_304 W6	Thermal Rating Issue	Turn Down	April 2026 through October 2026	TBD	1.9	10.7	Weekdays and Weekends	10 AM-10 PM	13	24 hours load notice	23	6	95%
Millbury	05_01_304 W6	Thermal Rating Issue	Turn Down	April 2027 through October 2027	TBD	2.1	11.9	Weekdays and Weekends	10 AM-11 PM	13	24 hours load notice	24	6	95%
Millbury	05_01_304 W6	Thermal Rating Issue	Turn Down	April 2028 through October 2028	TBD	2.2	13	Weekdays and Weekends	10 AM-11 PM	13	24 hours load notice	25	6	95%
Millbury	05_01_304 W6	Thermal Rating Issue	Turn Down	April 2029 through October 2029	TBD	2.4	15.2	Weekdays and Weekends	10 AM-11 PM	13	24 hours load notice	32	12	95%

S Wrentham	2287	N-1 Contingency	Turn Down	November 2029 through March 2030	TBD	0.5	0.5	Weekdays and Weekends	2 PM-2 PM	1	24 hours load notice	1	1	95%
S Wrentham	2287	N-1 Contingency	Turn Down	April 2026 through October 2026	TBD	2.1	5.1	Weekdays and Weekends	1 PM-6 PM	4	24 hours load notice	7	3	95%
S Wrentham	2287	N-1 Contingency	Turn Down	April 2027 through October 2027	TBD	2.2	5.4	Weekdays and Weekends	1 PM-6 PM	4	24 hours load notice	7	3	95%
S Wrentham	2287	N-1 Contingency	Turn Down	April 2028 through October 2028	TBD	2.3	6.1	Weekdays and Weekends	1 PM-6 PM	4	24 hours load notice	8	3	95%
S Wrentham	2287	N-1 Contingency	Turn Down	April 2029 through October 2029	TBD	2.7	7.5	Weekdays and Weekends	1 PM-7 PM	5	24 hours load notice	11	3	95%
West Charlton	05_01_415L2	Thermal Rating Issue	Turn Up	April 2026 through October 2026	TBD	2.6	5	Weekdays and Weekends	3 PM-6 PM	4	24 hours load notice	62	10	95%
West Charlton	05_01_415L2	Thermal Rating Issue	Turn Up	April 2027 through October 2027	TBD	2.9	5.5	Weekdays and Weekends	3 PM-6 PM	4	24 hours load notice	68	10	95%
West Charlton	05_01_415L2	Thermal Rating Issue	Turn Up	April 2028 through October 2028	TBD	3.1	5.9	Weekdays and Weekends	3 PM-6 PM	4	24 hours load notice	71	10	95%
West Charlton	05_01_415L2	Thermal Rating Issue	Turn Up	April 2029 through October 2029	TBD	3.3	6.4	Weekdays and Weekends	3 PM-6 PM	4	24 hours load notice	77	10	95%
West Charlton	05_01_415L2	Thermal Rating Issue	Turn Down	November 2029 through March 2030	TBD	0.4	1.7	Weekdays and Weekends	6 AM-9 PM	15	24 hours load notice	6	3	95%
West Charlton	05_01_415L3	Thermal Rating Issue	Turn Up	April 2026 through October 2026	TBD	0.7	1	Weekdays and Weekends	3 PM-5 PM	2	24 hours load notice	3	1	95%
West Charlton	05_01_415L3	Thermal Rating Issue	Turn Up	April 2027 through October 2027	TBD	0.9	1.3	Weekdays and Weekends	3 PM-5 PM	2	24 hours load notice	3	1	95%

West Charlton	05_01_415L3	Thermal Rating Issue	Turn Up	April 2028 through October 2028	TBD	1	1.5	Weekdays and Weekends	3 PM-5 PM	2	24 hours load notice	3	1	95%
West Charlton	05_01_415L3	Thermal Rating Issue	Turn Up	April 2029 through October 2029	TBD	1.1	1.8	Weekdays and Weekends	3 PM-5 PM	2	24 hours load notice	3	1	95%
Whitins Pond	5_05_320W1	Thermal Rating Issue	Turn Down	April 2026 through October 2026	TBD	0.6	1.2	Weekdays and Weekends	7 PM-8 PM	2	24 hours load notice	2	1	95%
Whitins Pond	5_05_320W1	Thermal Rating Issue	Turn Down	April 2027 through October 2027	TBD	0.3	0.4	Weekdays and Weekends	7 PM-8 PM	2	24 hours load notice	2	1	95%
Whitins Pond	5_05_320W1	Thermal Rating Issue	Turn Down	April 2028 through October 2028	TBD	0.4	0.8	Weekdays and Weekends	7 PM-8 PM	2	24 hours load notice	2	1	95%
Whitins Pond	5_05_320W1	Thermal Rating Issue	Turn Down	April 2029 through October 2029	TBD	0.7	1.3	Weekdays and Weekends	3 PM-8 PM	4	24 hours load notice	5	2	95%